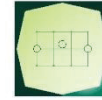


CONCEDENTE



CONCESSIONARIA



SOCIETÀ DI PROGETTO  
BREBEMI SPA

CUP E3 1 B05000390007

COLLEGAMENTO AUTOSTRADALE  
DI CONNESSIONE TRA LE CITTA' DI  
BRESCIA E MILANO

PROCEDURA AUTORIZZATIVA D. LGS 163/2006  
DELIBERA G.I.P.E. DI APPROVAZIONE DEL PROGETTO DEFINITIVO N° 42/2009

INTERCONNESSIONE A35-A4  
PROGETTO DEFINITIVO

INTERCONNESSIONE A35-A4

11 - INTERCONNESSIONE A35-A4

00000 - GENERALE

TIPOLOGICO A - TOMBINI IDRAULICI IN OPERA

RELAZIONE DI CALCOLO

PROGETTAZIONE:

VERIFICA:



**CONSORZIO B.B.M.**

PER IL CONSORZIO  
IL PROGETTISTA RESPONSABILE INTEGRAZIONE  
PRESTAZIONI SPECIALISTICHE  
IMPRESA PIZZAROTTI E C. S. P.A.  
DOTT. ING. PIETRO MAZZOLI  
ORDINE DEGLI INGEGNERI DI PARMA N. 821

PER IL CONSORZIO  
IL DIRETTORE TECNICO  
IMPRESA PIZZAROTTI E C. S. P.A.  
DOTT. ING. SABINO DEL BALZO  
ORDINE DEGLI INGEGNERI DI POTENZA N. 631

APPROVATO SDP

I.D.	IDENTIFICAZIONE ELABORATO											PROGR.		DATA:
	EMIT.	TIPO	FASE	M.A.	LOTTO	OPERA	PROG. OPERA	TRATTO	PARTI	PROGR.	PART. DOC.	STATO	REV.	MARZO 2015
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ELABORAZIONE PROGETTUALE

REVISIONE

IL PROGETTISTA  
IMPRESA PIZZAROTTI E C. S. P.A.  
DOTT. ING. PIETRO MAZZOLI  
ORDINE DEGLI INGEGNERI DI PARMA N. 821

N.	REV.	DESCRIZIONE	DATA	REDATTO	DATA	CONTROLLATO	DATA	APPROVATO
A	00	EMISSIONE	04/03/15	PIACENTINI	04/03/15	MAZZOLI	04/03/15	MAZZOLI

IL CONCEDENTE



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## 1 PREMESSA

La presente relazione tipologica riguarda i tombini scatoari prefabbricati realizzati in opera 3.00x1.50, previsti per la risoluzione delle interferenze idrauliche nell'ambito del Progetto Definitivo dell'interconnessione A35-A4.


La struttura scatolare ha una larghezza pari a 3.0 m ed altezza utile pari a 1.50 m. I piedritti e le solette dello scatolare hanno spessore pari a 25 cm, la soletta inferiore presenta uno sbalzo di lunghezza pari a 20 cm mentre la soletta superiore culmina longitudinalmente con un cordolo, da entrambi gli imbocchi di spessore 30 cm ed altezza 30cm.

Da entrambi gli estremi del tombino vi sono degli imbocchi identificati con "muri ad U", essi rappresentano la continuazione del tombino con assenza della soletta superiore. L'altezza di partenza dei muri ad U coincide con l'altezza utile dello scatolare più lo spessore della soletta, vale a dire 1.75m. Lo spessore della soletta di fondazione è di 25cm mentre quello dei piedritti è pari a 25cm.

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## 2 NORMATIVA DI RIFERIMENTO

I calcoli e le disposizioni esecutive sono conformi alle norme attualmente in vigore.

- D. M. Min. II. TT. del 14 gennaio 2008 – Norme tecniche per le costruzioni
- CIRCOLARE 2 febbraio 2009, n.617 “Istruzione per l’applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14 gennaio 2008
- UNI EN 1991-1-5:2004 Parte 1-5: Azioni sulle strutture - Azioni in generale - Azioni termiche
- UNI EN 1991-2:2005 Parte 2: Azioni sulle strutture - Carichi da traffico sui ponti
- UNI EN 1992-1-1:2005 Parte 1-1: Progettazione delle strutture in calcestruzzo - Regole generali e regole per gli edifici
- UNI EN 1992-2:2006 Parte 2: Progettazione delle strutture in calcestruzzo- Ponti di calcestruzzo, Progettazione e dettagli costruttivi
- UNI EN 1997-1:2005 Parte 1: Progettazione geotecnica - Regole generali
- UNI EN 1998-1:2005 Parte 1: Progettazione delle strutture per la resistenza sismica - Regole generali, azioni sismiche e regole per gli edifici
- UNI EN 1998-2:2009 Parte 2: Progettazione delle strutture per la resistenza sismica - Ponti
- UNI EN 1998-5:2005 Parte 5: Progettazione delle strutture per la resistenza sismica - Fondazioni, strutture di contenimento ed aspetti geotecnici
- UNI EN 197-1 giugno 2001 – “Cemento: composizione, specificazioni e criteri di conformità per cementi comuni
- UNI EN 11104 marzo 2004 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”, Istruzioni complementari per l’applicazione delle EN 206-1
- UNI EN 206-1 ottobre 2006 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”
- Linee guida sul calcestruzzo strutturale - Presidenza del Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale

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### 3 CRITERI DI CALCOLO

In ottemperanza al D.M. del 14.01.2008 (Norme tecniche per le costruzioni), i calcoli sono condotti con il metodo semiprobabilistico agli stati limite.

#### 3.1 Criteri e definizione dell'azione sismica

L'effetto dell'azione sismica di progetto sull'opera nel suo complesso, includendo il volume significativo di terreno, la struttura di fondazione, gli elementi strutturali e non, nonché gli impianti, deve rispettare gli stati limite ultimi e di esercizio definiti al § 3.2.1, i cui requisiti di sicurezza sono indicati nel § 7.1 della norma.

Il rispetto degli stati limite si considera conseguito quando:

- nei confronti degli stati limite di esercizio siano rispettate le verifiche relative al solo Stato Limite di Danno;
- nei confronti degli stati limite ultimi siano rispettate le indicazioni progettuali e costruttive riportate nel § 7 e siano soddisfatte le verifiche relative al solo Stato Limite di salvaguardia della Vita.

Per Stato Limite di Danno (SLD) s'intende che l'opera, nel suo complesso, a seguito del terremoto, includendo gli elementi strutturali, quelli non strutturali, le apparecchiature rilevanti alla sua funzione, subisce danni tali da non provocare rischi agli utenti e non compromette significativamente la capacità di resistenza e di rigidezza nei confronti delle azioni verticali e orizzontali. Lo stato limite di esercizio comporta la verifica delle tensioni di lavoro, in conformità al § 4.1.2.2.5 (NT).

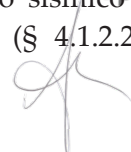
Per Stato Limite di salvaguardia della Vita (SLV) si intende che l'opera a seguito del terremoto subisce rotture e crolli dei componenti non strutturali e impiantistici e significativi danni di componenti strutturali, cui si associa una perdita significativa di rigidezza nei confronti delle azioni orizzontali (creazione di cerniere plastiche secondo il criterio della gerarchia delle resistenze), mantenendo ancora un margine di sicurezza (resistenza e rigidezza) nei confronti delle azioni verticali.


Gli stati limite, sia di esercizio sia ultimi, sono individuati riferendosi alle prestazioni che l'opera a realizzarsi deve assolvere durante un evento sismico; per la funzione che l'opera deve espletare nella sua vita utile, è significativo calcolare lo Stato Limite di Danno (SLD) per l'esercizio e lo Stato Limite di Salvaguardia della Vita (SLV) per lo stato limite ultimo.

In merito alle opere scatolari di cui trattasi, nel rispetto del punto § 7.9.2., assimilando l'opera scatolare alla categoria delle spalle da ponte, rientrando tra le opere che si muovono con il terreno (§ 7.9.2.1), si può ritenere che la struttura debba mantenere sotto l'azione sismica un comportamento elastico; queste categorie di opere che si muovono con il terreno non subiscono le amplificazioni dell'accelerazione del suolo.

A riguardo del calcolo allo SLV, dovendo la struttura mantenere durante l'evento sismico un comportamento elastico, vengono eseguite le verifiche alle tensioni di esercizio (§ 4.1.2.2.5),

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assumendo come limite delle tensioni di esercizio quelle adottate per la combinazione caratteristica (rara) (EC2 § 7.2). Tale combinazione, in accordo al punto § 7.10.6.1. (NTC) e alla Circ. 617 § 7.10.6.1. (nella quale si afferma che il sostanziale mantenimento in campo elastico della struttura nelle verifiche allo SLU, fornisce ampie garanzie rispetto alla sicurezza nei confronti dello SLD), consente di ritenere soddisfatte anche le verifiche nei confronti dello SLD.

Per la definizione dell'azione sismica, occorre definire il periodo di riferimento  $P_{VR}$  in funzione dello stato limite considerato.

La vita nominale ( $V_N$ ) dell'opera è stata assunta pari a 50 anni.

La classe d'uso assunta è la IV.

Il periodo di riferimento ( $V_R$ ) per l'azione sismica, data la vita nominale e la classe d'uso vale:

$$V_R = V_N \cdot C_u = 100 \text{anni}$$

Coordinate geografiche	Latitudine [DEG sessadecimale]	N	45.5437	Descrizione suolo di fondazione	Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $V_s$ 30 compresi tra 180 m/s e 360 m/s (ovvero $15 < NSPT_{30} < 50$ nei terreni a grana grossa e $70 < cu_{30} < 250$ kPa nei terreni a grana fina).																																																																																		
	Longitudine [DEG sessadecimale]	E	10.1266																																																																																				
Suolo e topografia	Cat. suolo di fondazione (A,...E)		C	<table border="1"> <thead> <tr> <th colspan="2">DATI SPETTRALI</th> <th colspan="2">Stati limite d'esercizio</th> <th colspan="2">Stati limite ultimi</th> </tr> <tr> <th></th> <th></th> <th>SLO</th> <th>SLD</th> <th>SLV</th> <th>SLC</th> </tr> </thead> <tbody> <tr> <td>Probabilità di superamento</td> <td><math>P_{Vr}</math></td> <td>81%</td> <td>63%</td> <td>10%</td> <td>5%</td> </tr> <tr> <td>Periodo di ritorno</td> <td><math>T_R</math> [anni]</td> <td>60</td> <td>101</td> <td>949</td> <td>1950</td> </tr> <tr> <td>Accelerazione</td> <td><math>a_g</math> [<math>m/s^2</math>]</td> <td>0.579</td> <td>0.747</td> <td>1.808</td> <td>2.288</td> </tr> <tr> <td></td> <td><math>a_g/g</math></td> <td>0.059</td> <td>0.076</td> <td>0.184</td> <td>0.233</td> </tr> <tr> <td>Fattore di amplificazione</td> <td><math>F_0</math></td> <td>2.419</td> <td>2.414</td> <td>2.454</td> <td>2.462</td> </tr> <tr> <td>Periodo in. velocità costante</td> <td><math>T_C^*</math> [s]</td> <td>0.239</td> <td>0.252</td> <td>0.289</td> <td>0.297</td> </tr> <tr> <td>Coefficiente di sottosuolo</td> <td><math>C_c</math></td> <td>1.68</td> <td>1.65</td> <td>1.58</td> <td>1.57</td> </tr> <tr> <td>Coeff. di amplif. stratigrafica</td> <td><math>S_s</math></td> <td>1.50</td> <td>1.50</td> <td>1.43</td> <td>1.36</td> </tr> <tr> <td>Coefficiente di sito</td> <td>S</td> <td>1.50</td> <td>1.50</td> <td>1.43</td> <td>1.36</td> </tr> <tr> <td rowspan="3">Periodi</td> <td><math>T_B</math> [s]</td> <td>0.134</td> <td>0.139</td> <td>0.152</td> <td>0.155</td> </tr> <tr> <td><math>T_C</math> [s]</td> <td>0.402</td> <td>0.417</td> <td>0.457</td> <td>0.466</td> </tr> <tr> <td><math>T_D</math> [s]</td> <td>1.836</td> <td>1.905</td> <td>2.337</td> <td>2.533</td> </tr> </tbody> </table>		DATI SPETTRALI		Stati limite d'esercizio		Stati limite ultimi				SLO	SLD	SLV	SLC	Probabilità di superamento	$P_{Vr}$	81%	63%	10%	5%	Periodo di ritorno	$T_R$ [anni]	60	101	949	1950	Accelerazione	$a_g$ [ $m/s^2$ ]	0.579	0.747	1.808	2.288		$a_g/g$	0.059	0.076	0.184	0.233	Fattore di amplificazione	$F_0$	2.419	2.414	2.454	2.462	Periodo in. velocità costante	$T_C^*$ [s]	0.239	0.252	0.289	0.297	Coefficiente di sottosuolo	$C_c$	1.68	1.65	1.58	1.57	Coeff. di amplif. stratigrafica	$S_s$	1.50	1.50	1.43	1.36	Coefficiente di sito	S	1.50	1.50	1.43	1.36	Periodi	$T_B$ [s]	0.134	0.139	0.152	0.155	$T_C$ [s]	0.402	0.417	0.457	0.466	$T_D$ [s]	1.836	1.905	2.337	2.533
	DATI SPETTRALI		Stati limite d'esercizio			Stati limite ultimi																																																																																	
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Varie	Vita nominale dell'opera (10, 50, 100)	$V_N$ [anni]	50																																																																																				
	Classe d'uso (I, II, III, IV)		IV																																																																																				
	Coefficiente d'uso	$C_u$	2.0																																																																																				
	Periodo di riferimento	$V_R$ [anni]	100																																																																																				
Struttura	Descrizione	Ponte integrale																																																																																					
	Massimo fattore di struttura	$q_0$	1																																																																																				
	Coefficiente riduttivo per regolarità	$K_R$	1																																																																																				
	Fattore di struttura	q	1.0																																																																																				
	Coeff. di smorz. viscoso equivalente	$\xi$	5%																																																																																				
	Fattore di smorzamento viscoso	$\eta$	1.00																																																																																				
	Inverso fattore di struttura	$1/q$	1.00																																																																																				

Il calcolo viene eseguito con il metodo pseudostatico (NT par. 7.11.6). In queste condizioni l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.

Nelle verifiche allo Stato Limite Ultimo i valori dei coefficienti sismici orizzontali  $k_h$  e verticale  $k_v$  possono essere valutati mediante le espressioni:

$$k_h = \beta_m \cdot \frac{a_{max}}{g} \quad k_v = \pm 0.5 \cdot k_h$$

dove

$a_{max}$  = accelerazione orizzontale massima attesa al sito;

$g$  = accelerazione di gravità;

L'accelerazione massima è valutata con la relazione

$$a_{max}(SLV) = S \cdot a_g = 1,43 \cdot 0,184g = 0,263 g$$


Essendo lo scatolare una struttura che non ammette spostamenti relativi rispetto al terreno, il coefficiente  $\beta_m$ , assume il valore:

$$\beta_m = 1,00$$

Pertanto, i due coefficienti sismici valgono:

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$$(SLV) \quad k_h = \beta_m \cdot \frac{a_{max}}{g} = 0,263 \quad k_v = \pm 0,5^* \quad k_h = 0,125$$

Le spinte delle terre, considerando lo scatolare una struttura rigida e priva di spostamenti (NT par. 7.11.6.2.1 e EC8-5 par.7.3.2.1), sono calcolate in regime di spinta a riposo, condizione che comporta il calcolo delle spinte in condizione sismica non con la formula di cui sopra ( $k_h$ ;  $k_v$ ), ma con l'incremento dinamico di spinta del terreno calcolato secondo la formula di wood:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot}^2$$

Il punto di applicazione della spinta che interessa lo scatolare è posto  $h_{scat}/2$ , con "h<sub>tot</sub>" altezza dal piano campagna alla fondazione dello scatolare e  $h_{scat}$  l'altezza dello scatolare.

Essendo "ΔP<sub>d</sub>" la risultante globale, ed il diagramma di spinta di tipo rettangolare, è immediato ricavare la quota parte della spinta che agisce sul piedritto dello scatolare.

L'azione sismica è rappresentata da un insieme di forze statiche orizzontali e verticali, date dal prodotto delle forze di gravità per i coefficienti sismici in precedenza definiti, dove la componente verticale è considerata agente verso l'alto o verso il basso, in modo da produrre gli effetti più sfavorevoli.

### 3.2 Combinazioni di carico

Le combinazioni di carico, considerate ai fini delle verifiche, sono stabilite in modo da garantire la sicurezza in conformità a quanto prescritto al cap. 2 delle NT.

#### 3.2.1 Combinazioni per la verifica allo SLU

Gli stati limite ultimi delle opere interrate si riferiscono allo sviluppo di meccanismi di collasso, determinati dalla mobilitazione della resistenza del terreno, e al raggiungimento della resistenza degli elementi strutturali che compongono l'opera.

Le verifiche agli stati limite ultimi sono eseguiti in riferimento ai seguenti stati limite:

- SLU di tipo geotecnico (GEO) e di equilibrio di corpo rigido (EQU)
  - collasso per carico limite dell'insieme fondazione-terreno;
- SLU di tipo strutturale (STR)
  - raggiungimento della resistenza negli elementi strutturali.

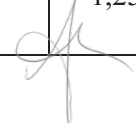
Trattandosi di opere interrate, le verifiche saranno condotte secondo l'approccio progettuale "Approccio 1", utilizzando i coefficienti parziali riportati nelle Tabelle 6.2.I e 5.1.V per i parametri geotecnici e le azioni.

1. combinazione 1 → (A1+M1+R1) → STR
2. combinazione 2 → (A2+M2+R2) → GEO (carico limite)

Tabella 6.2.II - Coefficienti parziali per i parametri del terreno

PARAMETRO	GRANDEZZA ALLA QUALE APPLICARE IL COEFF. PARZIALE	COEFFICIENTE PARZIALE $\gamma_M$	M <sub>1</sub> Società di Progetto	M <sub>2</sub> Brebemi SpA
Tangente dell'angolo di resistenza al taglio	$\tan \varphi'_k$	$\gamma_{\varphi'}$	1	1,25

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Coesione efficace	$c'_k$	$\gamma_{c'}$	1	1,25
Resistenza non drenata	$c'_{uk}$	$\gamma_{cu}$	1	1,4
Peso dell'unità di volume	$\gamma$	$\gamma_\gamma$	1	1

Tabella 6.2.I/5.1.V - Coefficienti parziali per le azioni o per l'effetto delle azioni

CARICHI	EFFETTO	SIMBOLO $\gamma_F$	EQU	(A1) STR	(A2) GEO
Permanente	favorevole	$\gamma_{G1}$	0,9	1,0	1,0
	sfavorevole		1,1	1,35	1,0
Permanente non strutturali	favorevole	$\gamma_{G2}$	0,0(0,9)	0,0	0,0
	sfavorevole		1,5 (1,1)	1,35	1,0
Variabili da traffico	favorevole	$\gamma_Q$	0,0	0,0	0,0
	sfavorevole		1,35	1,35	1,15
Variabili	favorevole	$\gamma_{Qi}$	0,0	0,0	0,0
	sfavorevole		1,5	1,5	1,30

Tabella 6.5.I - Coefficienti parziali  $\gamma_R$  per la resistenza del sistema

VERIFICA	COEFF. PARZIALE (R1)	COEFF. PARZIALE (R2)
Capacità portante della fondazione	$\gamma_R=1$	$\gamma_R=1,8$
Scorrimento	$\gamma_R=1$	$\gamma_R=1,1$

Ai fini delle verifiche degli stati limite ultimi si definiscono le seguenti combinazioni:

$$\text{STR}) \Rightarrow \gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_{Q1} \cdot Q_{k1} + \sum_i \psi_{0i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

$$\text{GEO}) \Rightarrow \gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_{Q1} \cdot Q_{k1} + \sum_i \psi_{0i} \cdot Q_{ki} \Rightarrow (\text{spinte } \Phi_d' = \tan^{-1}(\tan \Phi_k' / \gamma_\Phi))$$

### 3.2.2 Combinazioni per la verifica allo SLE

Ai fini delle verifiche degli stati limite di esercizio (fessurazione/ stato tensionale) si definiscono le seguenti combinazioni:


$$\text{Frequente}) \Rightarrow G_1 + G_2 + \psi_{11} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

$$\text{Quasi permanente}) \Rightarrow G_1 + G_2 + \psi_{21} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

$$\text{Rara}) \Rightarrow G_1 + G_2 + Q_{k1} + \sum_i \psi_{0i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$

### 3.2.3 Combinazioni per la condizione sismica

Per la condizione sismica, le combinazioni per gli stati limite ultimi da prendere in considerazione sono le seguenti (approccio 1):

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$$\text{STR}) \Rightarrow E+G_1+G_2+\sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_{d'} = \Phi_{k'})$$

$$\text{GEO}) \Rightarrow E+G_1+G_2+\sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\text{spinte } \Phi_{d'} = \tan^{-1}(\tan \Phi_{k'} / \gamma_{\Phi}))$$

Le verifiche agli stati limite ultimi § 7.11.1(NTC) devono essere effettuate ponendo pari all'unità i coefficienti parziali sulle azioni e impiegando i parametri geotecnici e le resistenze di progetto, con i valori dei coefficienti parziali indicati nel Cap. 6.

Gli effetti dell'azione sismica saranno valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1+G_2+\sum_i \psi_{2i} \cdot Q_{ki}$$

I valori del coefficiente  $\psi_{2i}$  sono quelli riportati nella tabella 5.1.VI e § 2.5.I della norma; la stessa propone nel caso di ponti, e più in generale per opere stradali, di assumere per i carichi dovuti al transito dei mezzi  $\psi_{2i} = 0 \div 0.2$  (condizione cautelativa).

Data la natura dell'opera in progetto, così come previsto dalla norma, si può assumere  $\psi_{2i} = 0$ .

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## 4 CARATTERISTICHE DEI MATERIALI

Per la realizzazione dell'opera è previsto l'impiego dei sottoelencati materiali.

### 4.1 Calcestruzzo per magrone

Per il magrone di sottofondazione si prevede l'utilizzo di calcestruzzo di classe Rck 15.

### 4.2 Calcestruzzo

1) Per la realizzazione del tombino scatolare, si prevede l'utilizzo di calcestruzzo in classe Rck  $\geq 50$

N/mm<sup>2</sup> che presenta le seguenti caratteristiche:

Resistenza a compressione (cilindrica)	→	$f_{ck} = 40.00 \text{ N/mm}^2$	
Resistenza di calcolo a compressione N/mm <sup>2</sup>	→	$f_{cd} = \alpha_{cc} * f_{ck} / \gamma_c = 0.85 * f_{ck} / 1.5 = 23.52$	
Resistenza di calcolo a compressione elastica N/mm <sup>2</sup>	→	$\sigma_c = 0.60 * f_{ck}$	= 24.00
Resistenza a trazione media N/mm <sup>2</sup>	→	$f_{ctm} = 0.30 * f_{ck}^{2/3}$	= 3.60
Resistenza a trazione N/mm <sup>2</sup>	→	$f_{ctk} = 0.7 * f_{ctm}$	= 2.52
Resistenza a trazione di calcolo N/mm <sup>2</sup>	→	$f_{ctd} = f_{ctk} / \gamma_c$	= 1.68
Resistenza a compressione (comb. Rara) N/mm <sup>2</sup>	→	$\sigma_c = 0.60 * f_{ck}$	= 24.00
Resistenza a compressione (comb. Quasi permanente)	→	$\sigma_c = 0.45 * f_{ck}$	= 18.00
		N/mm <sup>2</sup>	

### 4.3 Acciaio per cemento armato

Per le armature metalliche si adottano tondini in acciaio del tipo B450C controllato in stabilimento che presentano le seguenti caratteristiche:

Proprietà	Requisito
Limite di snervamento $f_y$	$\geq 450 \text{ MPa}$
Limite di rottura $f_t$	$\geq 540 \text{ MPa}$
Allungamento totale al carico massimo $A_{gt}$	$\geq 7.5\%$
Rapporto $f_t/f_y$	$1,15 \leq R_m/R_e \leq 1,35$
Rapporto $f_y \text{ misurato} / f_y \text{ nom}$	$\leq 1,25$

Tensione di snervamento caratteristica	→	$f_{yk} \geq 450 \text{ N/mm}^2$
Tensione caratteristica a rottura	→	$f_{tk} \geq 540 \text{ N/mm}^2$
Tensione in condizione di esercizio (comb. Rara)	→	$\sigma_c = 0,80 * f_{yk} = 360,00 \text{ N/mm}^2$
Fattore di sicurezza acciaio	→	$\gamma_s = 1,15$
Resistenza a trazione di calcolo	→	$f_{yd} = f_{yk} / \gamma_s = 391,30 \text{ N/mm}^2$

#### 4.4 Durabilità e prescrizioni sui materiali

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero alle norme UNI EN 206-1:2006 ed UNI 11104:2004.

Per le opere della presente relazione si adotta quanto segue:

Fondazione

CLASSE DI ESPOSIZIONE XC2

Elevazione

CLASSE DI ESPOSIZIONE XC4-XD1-XF1

Condizioni ambientali	Classe di esposizione
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Tabella 4.1.III: Descrizione delle condizioni ambientali

Le fondazioni dei muri si trovano in condizioni ambientali *Ordinarie*, le elevazioni in condizioni *Aggressive*.

Nella tabella 4.1.IV sono indicati i criteri di scelta dello stato limite di fessurazione con riferimento alle condizioni ambientale e al tipo di armatura.


Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	$w_d$	Stato limite	$w_d$
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Tabella 4.1.IV: Criteri di scelta dello stato limite di fessurazione

In grigio chiaro sono indicate gli stati limite di fessurazione da utilizzare per le verifiche delle fondazioni in grigio scuro sono indicati quelli per le elevazioni.

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#### 4.5 Copriferro minimo e copriferro nominale

Ai fini di preservare le armature dai fenomeni di aggressione ambientale, dovrà essere previsto un idoneo copriferro; il suo valore, misurato tra la parete interna del cassero e la generatrice dell'armatura metallica più vicina, individua il cosiddetto "copriferro nominale".

Il copriferro nominale  $c_{nom}$  è somma di due contributi, il copriferro minimo  $c_{min}$  e la tolleranza di posizionamento  $h$ . Vale pertanto:  $c_{nom} = c_{min} + h$ .

La tolleranza di posizionamento delle armature  $h$ , per le strutture gettate in opera, può essere assunta pari ad almeno 5 mm. Considerata la Classe di esposizione ambientale dell'opera, si adotta un copriferro minimo pari a 35mm, pertanto  $c_{nom}=40$  mm, valore valido per tutte le parti di struttura.

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## 5 PARAMETRI GEOTECNICI PER IL CALCOLO DELLE STRUTTURE


I parametri necessari a definire le caratteristiche del terreno ai fini del calcolo delle strutture sono ricavati dalla Relazione Geotecnica Generale, rif. 00429-00010-A-00 e dalle tavole del profilo geotecnico longitudinale.

- I parametri geotecnici necessari al calcolo sono::

Carratterizzazione materiali da rilevato/reinterri																
Parametri in condizioni drenate					Spinta a riposo			Spinta attiva			Spinta Passiva			Peso di volume		Permeabilità
$\phi'_k$	$\phi'_{dM1}$	$\phi'_{dM2}$	$E'_{25}$	$E_{UR}$	$K_{Qk}$	$K_{QM1}$	$K_{QM2}$	$K_{Ak}$	$K_{AM1}$	$K_{AM2}$	$K_{Pk}$	$K_{PM1}$	$K_{PM2}$	naturale $\gamma_n$	sommerso $\gamma'$	k
(°)	(°)	(°)	(Mpa)	(Mpa)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(kN/m <sup>3</sup> )	(kN/m <sup>3</sup> )	(m/s)
38	38	32	40	120	0.380	0.380	0.470	0.238	0.238	0.307	4.200	4.200	3.250	20	11	$1 \times E^{-3} + E^{-6}$

I coefficienti di spinta sono calcolati secondo la teoria di Caquot - Kerisel ipotizzando angolo d'attrito tra terreno e struttura di sostegno  $\delta = 0$  ed ipotizzando che il terreno a monte/valle del sostegno (rispettivamente per il calcolo di  $K_A$  e  $K_P$ ) sia orizzontale ( $\beta = 0$ ). Nel caso in cui tali ipotesi iniziali non siano rappresentative del problema in oggetto, i valori delle spinte dovranno essere calcolati nuovamente utilizzando la stessa teoria.

LEGENDA PARAMETRI	
$\phi'_k$	Angolo di resistenza al taglio caratteristico;
$\phi'_{dM1}$	Angolo di resistenza al taglio di progetto secondo coefficienti parziali M1 come da NTC2008;
$\phi'_{dM2}$	Angolo di resistenza al taglio di progetto secondo coefficienti parziali M2 come da NTC2008;
$E'_{25}$	Modulo elastico secante corrispondente alla mobilizzazione del 25% della resistenza del terreno;
$E_{UR}$	Modulo elastico secante in ricarica;
$K_{Qk}$	Valore caratteristico del coefficiente di spinta a riposo;
$K_{QM1}$	Valore di progetto del coefficiente di spinta a riposo secondo coefficienti parziali M1 come da NTC2008;
$K_{QM2}$	Valore di progetto del coefficiente di spinta a riposo secondo coefficienti parziali M2 come da NTC2008;
$K_{Ak}$	Valore caratteristico del coefficiente di spinta attiva;
$K_{AM1}$	Valore di progetto del coefficiente di spinta attiva secondo coefficienti parziali M1 come da NTC2008;
$K_{AM2}$	Valore di progetto del coefficiente di spinta attiva secondo coefficienti parziali M2 come da NTC2008;
$K_{Pk}$	Valore caratteristico del coefficiente di spinta passiva;
$K_{PM1}$	Valore di progetto del coefficiente di spinta passiva secondo coefficienti parziali M1 come da NTC2008;
$K_{PM2}$	Valore di progetto del coefficiente di spinta passiva secondo coefficienti parziali M2 come da NTC2008;
$\gamma_n$	Peso di volume naturale;
$\gamma'$	Peso di volume sommerso;
k	Permeabilità;

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## 6 SCHEMA STATICO E ANALISI DEI CARICHI

### 6.1 Programmi di calcolo utilizzato

Il programma di calcolo utilizzato per le analisi dello scatolare è SAP2000, che opera secondo il metodo degli spostamenti attraverso un solutore di equazione a blocchi. SAP2000 è prodotto da CSI Computers & Structures, INC. con sede a Berkeley (CA). Il software è distribuito in Italia da CSI Italia Srl. La versione del software utilizzata è la 14 con licenza n° 2A0C/80-0x2EE61.

Le verifiche vengono eseguite tramite opportuni fogli di calcolo precedentemente elaborati ed ampiamente testati, in grado di fornire i domini di resistenza di sezioni rettangolari comunque armate e di eseguirle necessarie elaborazioni per le verifiche a taglio e a fessurazione.

### 6.2 Modellazione adottata

Per la mesh del calcolo (si rimanda alle Figg. 1 e 2) si è assunto lo schema statico di telaio chiuso. La mesh è composta da 54 aste e da 54 nodi; l'output dell'indagine elettronica viene raccolto nell'allegato.

Il suolo viene modellato facendo ricorso all'usuale artificio delle molle elastiche alla Winkler.

La costante di sottofondo del terreno di fondazione adottata nelle successive calcolazioni:

$$K_s = 1000 \text{ kN/m}^3$$

Agli effetti delle caratteristiche geometriche delle varie aste si è modellata una striscia di struttura di larghezza pari a  $D=100\text{cm}$  ed altezza pari allo spessore dell'elemento rappresentato:

- 100 x 25 cm per la soletta superiore
- 100 x 25 cm per la soletta di fondazione
- 100 x 25 cm per i piedritti

Per le aste del reticolo si è assunto:

$E_c = 32588 \text{ N/mm}^2$  ; modulo elastico del calcestruzzo (C28/35) per la fondazione

$E_c = 33643 \text{ N/mm}^2$  ; modulo elastico del calcestruzzo (C32/40) per l'elevazione

Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle Figg.1 e 2.

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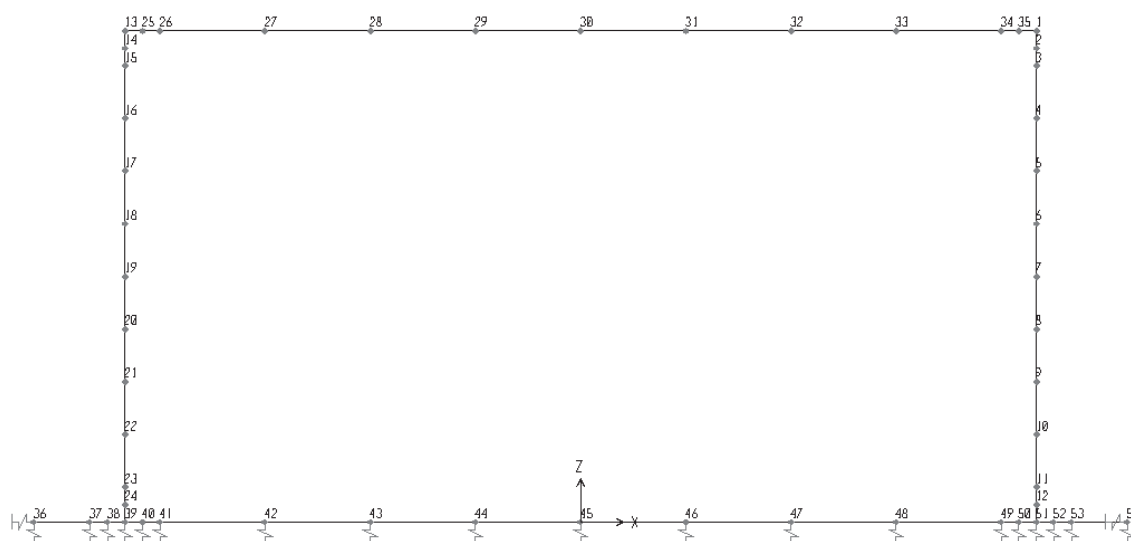



Figura 1 – Numerazione dei nodi

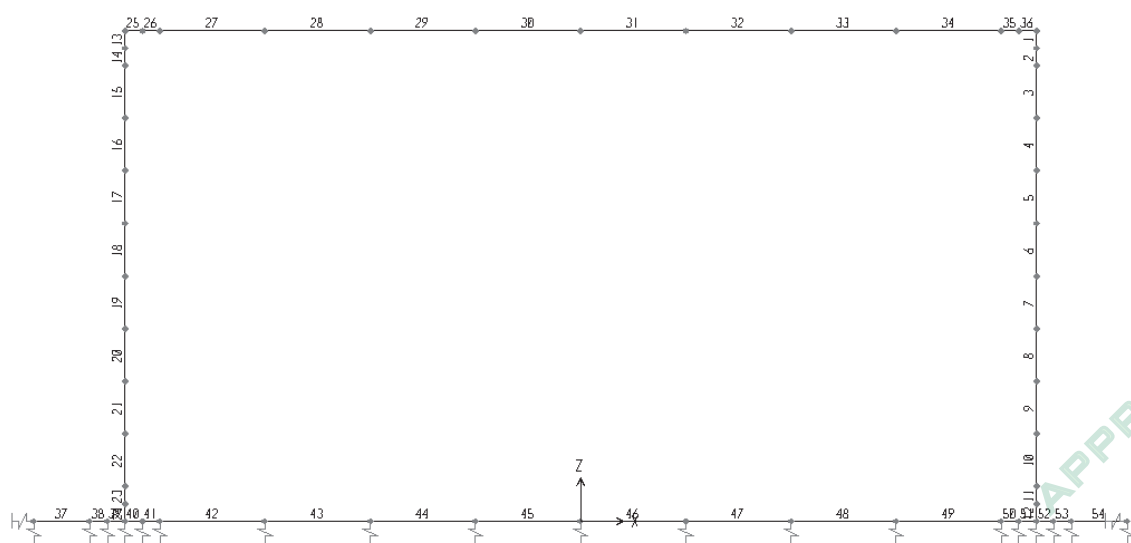


Figura 2 – Numerazione delle aste

### 6.3 Condizioni di carico elementari

Nel seguente paragrafo si descrivono i carichi elementari da assumere per le verifiche di resistenza in esercizio ed in presenza dell'evento sismico.

Tali Combinazioni Elementari saranno opportunamente combinate secondo quanto previsto dalla normativa vigente.

Nei successivi paragrafi si riporta la metodologia adottata per l'analisi dei carichi condotta con un apposito foglio di calcolo di cui nel successivo capitolo si riportano i tabulati

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### 6.3.1 Peso proprio e carichi permanenti portati

Il peso specifico del c.a. è  $\gamma_c = 25 \text{ kN/m}^3$

#### Soletta superiore

- peso proprio	$S_{psol\text{sup}} * \gamma_c$	6.25kN/m <sup>2</sup>	[PPST]
- peso sovrastruttura stradale	$H_r * \gamma_t$	3.00kN/m <sup>2</sup>	[PPNS]

#### Soletta inferiore

- peso proprio	$S_{psol\text{inf}} * \gamma_c$	6.25kN/m <sup>2</sup>	[PPST]
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#### Piedritti

- peso proprio	$S_{ppie} * \gamma_c$	6.25kN/m <sup>2</sup>	[PPST]
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### 6.3.2 Spinta del terreno

Il rinterro a ridosso dello scatolare verrà realizzato tramite materiale arido di buone caratteristiche meccaniche. Per tale materiale, conformemente a quanto riportato nella relazione geotecnica del presente lotto, si ha:

$\gamma_t = 20,00 \text{ kN/m}^3$	peso specifico del terreno
$\gamma' = 11,00 \text{ kN/m}^3$	peso specifico del terreno sommerso
$\phi = 38^\circ$	angolo d'attrito
$c = 0$	coesione
$K_a = 0,238$	coefficiente di spinta attiva
$K_0 = 0,384$	coefficiente di spinta a riposo

Si applicano, di conseguenza, i valori delle spinte secondo la profondità con

$$p_h = K \gamma_t z$$

e con il consueto diagramma trapezoidale delle pressioni orizzontali.

Le pressioni del terreno relative alla spinta a riposo, in corrispondenza dei nodi caratteristici del piedritto di destra, risultano essere le seguenti:

$P_{\min} = K_0 * H_r * \gamma_t$	kN/m <sup>2</sup>	[ST1S]
$P_{\max} = K_0 * \gamma_t * (H + S_{psol\text{inf}} / 2 + S_{psol\text{sup}} / 2)$	kN/m <sup>2</sup>	[ST2S]

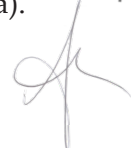
Le pressioni del terreno relative alla spinta attiva, in corrispondenza dei nodi caratteristici del piedritti, risultano essere le seguenti:


$P_{\min} = K_a * H_r * \gamma_t$	kN/m <sup>2</sup>	[ST1D]
$P_{\max} = K_a * \gamma_t * (H + S_{psol\text{inf}} / 2 + S_{psol\text{sup}} / 2)$	kN/m <sup>2</sup>	[ST2D]

Tali spinte vengono considerate nelle seguenti condizioni elementary:

- agenti su entrambi i piedritti (spinta attiva)
- agenti sul piedritto sinistro (spinta a riposo) e sul piedritto destro (spinta attiva).
- agenti su entrambi i piedritti (spinta a riposo)

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Le condizioni sopra descritte servono a mettere in conto possibili situazioni (anche temporanee) di disomogeneità nei costipamenti o altre condizioni che possano generare situazioni di spinte asimmetriche sull'opera.

Naturalmente queste spinte saranno opportunamente combinate, utilizzando i valori dei coefficienti parziali delle azioni da assumere nell'analisi per la determinazione degli effetti delle azioni nelle verifiche agli stati limite ultimi.

### 6.3.3 Acqua interna allo scatolare

In favore di sicurezza si tiene conto, essendo la cella sinistra dello scatolare riempita parzialmente in terra e potenzialmente riempita d'acqua per la parte restante (si ricorda che internamente allo scatolare transitano due canali aventi quote di scorrimento differenti), di una spinta uniforme sul setto centrale diretta da sinistra verso destra, pari a quella esercitata da uno strato di terreno di spessore 1,5 m. in condizioni di riposo :

$$q_t = H_t * \gamma_t * K_0 \quad \text{kN/m}^2 \quad [\text{PPAQ}]$$

dove :

$H_t = 1,5$  m come anticipato precedentemente, pari alla luce interna dello scatolare in altezza

$\gamma_t = 20$  KN/m<sup>3</sup>

Viene inoltre tenuto in conto del peso di tale strato di terreno sulla fondazione facente parte della cella sinistra dello scatolare. Tale carico viene considerato come facente parte della condizione di carico PPNS precedentemente citata.

### 6.3.4 Carichi da traffico veicolare sulla soletta superiore

Con riferimento alle norme vigenti (vedi paragrafo 5.1.3 del D.M. 14-01-2008) come azioni variabili da traffico gravante sulla soletta superiore si assume lo schema di carico 1. Il carico di normativa applicato è il  $Q_{1,k}$ , ossia il mezzo convenzionale da 600kN a due assi da 300 kN ognuno (carico tandem), con interasse di 1,20m lungo il senso di marcia e di larghezza 2,40m (comprese le dimensioni delle impronte) e ove possibile, il carico ripartito  $q_{1,k}$  da 9kN/m<sup>2</sup>.

Tale carico viene posizionato ortogonalmente all'asse del sottopasso e considerato ripartito, sia in direzione longitudinale che trasversale, con un angolo di diffusione di 30° attraverso il rilevato stradale, e 45° sino al piano medio della soletta superiore.

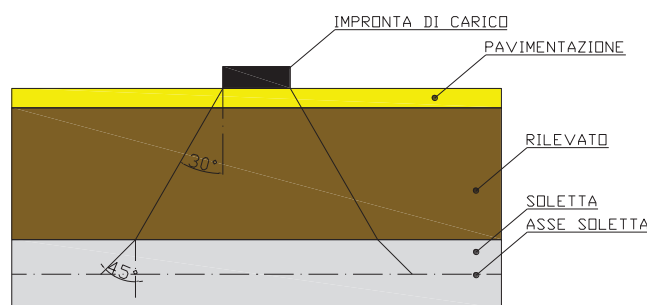



Figura 3 – Diffusione impronta di carico

In direzione trasversale, quale base collaborante viene considerato un valore pari alla larghezza di ingombro dello schema di carico uguale a 2,40m aumentata dello spessore di diffusione del carico. Limitando la diffusione del carico lato seconda colonna di carico a 0,30m (come in Fig.5) la

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In direzione longitudinale si individuano due ingombri, il primo vale se la lunghezza della soletta superiore è minore della lunghezza di diffusione longitudinale del carico, mentre se la lunghezza della soletta superiore è maggiore della lunghezza di diffusione longitudinale del carico:

larghezza di diffusione trasversale diventa:  $B_T = 2,40 + 0,3 + (H_r \cdot \text{tg}30^\circ + S_{psolsup}/2)$

Ingombro longitudinale 1:  $LL_1 = 1,60 + 2 * (H_r \cdot \text{tg}30^\circ + S_{psolsup}/2)$

Ingombro longitudinale 2:  $LL_2 = 1,60 + 2 * (H_r + S_{psolsup}/2) * \text{tg}30^\circ$

Se  $B+2S_{ppie} \geq LL_1$   $LL = LL_1$  altrimenti  $LL = LL_2$ .

Carico medio uniforme:  $Q_{1k,dis} = 600 / (B_T * LL)$   $\text{kN/m}^2$  [QM01]

Carico ripartito:  $q_{1k,dis} = 9 \text{ kN/m}^2$   $\text{kN/m}^2$  [QM02]

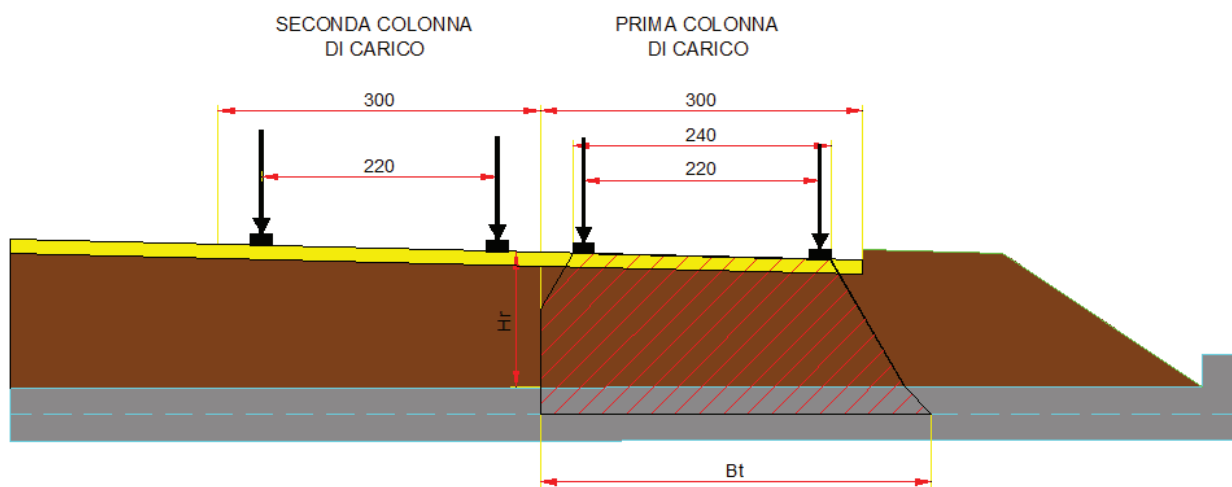


Figura 4 – Diffusione trasversale del carico mobile

### 6.3.5 Spinta del sovraccarico sul rilevato

In accordo con quanto riportato nella circolare n°617 2 febbraio 2009 al §5.1.3.3.7.1, il sovraccarico da considerare sul terrapieno adiacente la parete dello scatolare, è quello generato dallo schema di carico 1, dove il carico tandem è sostituito da un carico uniformemente distribuito.

Il carico tandem trasformato in carico uniformemente distribuito assume il valore  $2 * Q_{1k} / (3 * 2,2) = 90,91 \text{ kN/m}^2$ .

Il carico uniformemente distribuito  $q_{ik} = 9 \text{ kN/m}^2$  viene sommato al carico tandem distribuito.

Mettendo in conto il ricoprimento con rilevato della struttura, il quale contribuisce a diffondere il carico fino al piano di estradosso soletta, il carico distribuito da utilizzare per il calcolo delle spinte agenti sulle pareti dello scatolare risulta  $(2 * Q_{1k}) / ((3 + H_r * \text{tg}30^\circ) * (2,2 + 2 * H_r * \text{tg}30^\circ))$ . Schema di carico utilizzato a ridosso del rilevato (direzione asse corsia)

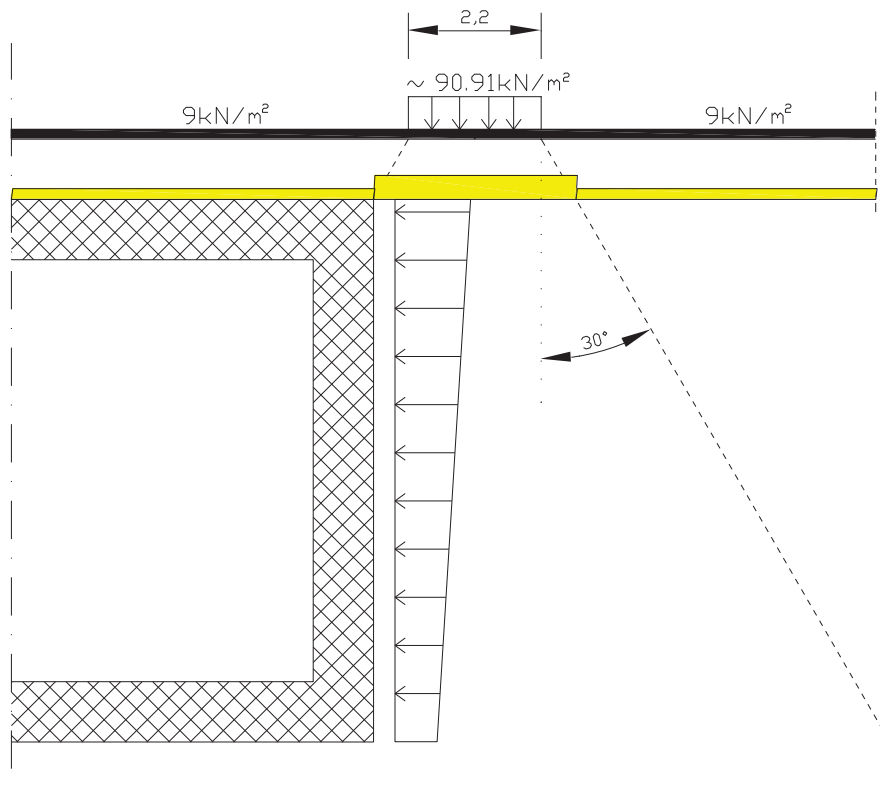
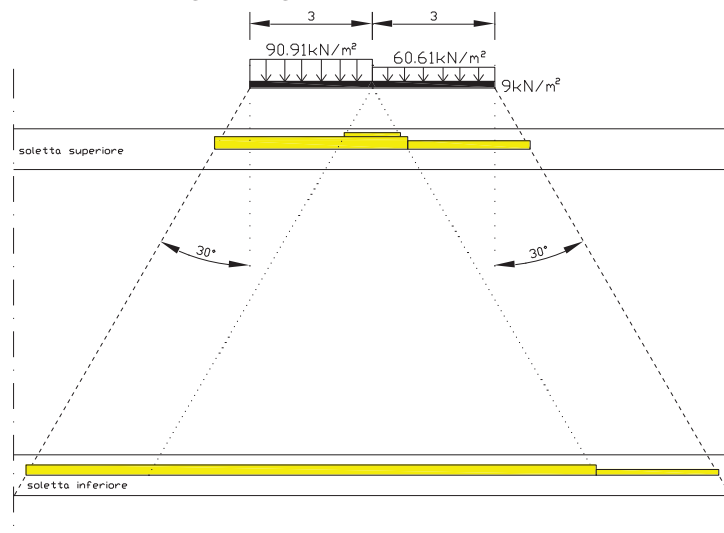


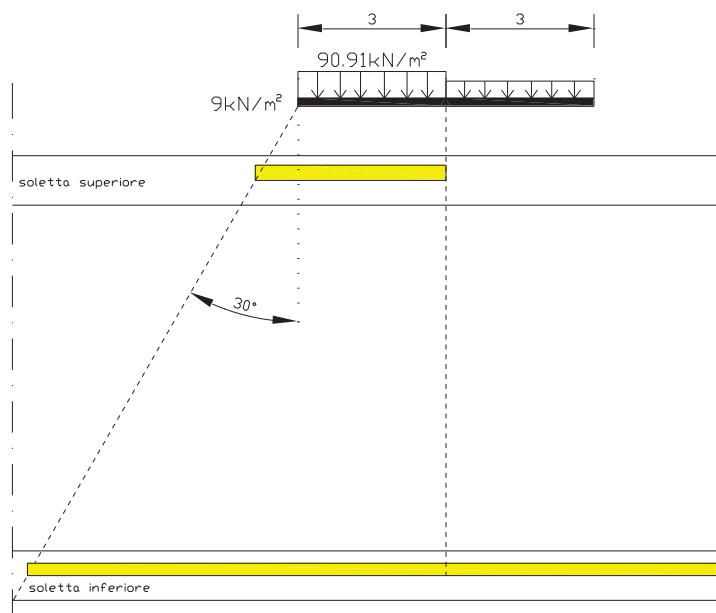
Figura 5 – Spinta del sovraccarico sul rilevato

Utilizzando due colonne di carico, e la ripartizione trasversale del carico di superficie distribuito, si ottiene quanto riportato nell'immagine seguente:



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Per il calcolo delle azioni agenti sulle pareti dello scatolare, si considera il carico distribuito dovuto alla colonna di carico 1, limitando la diffusione del carico sul lato della seconda colonna di carico come schema seguente:



Tale distribuzione di carico fornisce alle pareti una spinta variabile lungo l'altezza, con intensità nei nodi superiore e inferiore pari a (asse solette):

$$\sigma_{1v,sup} = (2 \cdot Q_{1.k}) / ((3 + (H_r + S_{psolsup}/2) \cdot \text{tg}30^\circ) \cdot (2,2 + 2 \cdot (H_r + S_{psolsup}/2) \cdot \text{tg}30^\circ)) \quad \text{kN/m}^2$$

$$\sigma_{2v,sup} = (q_{1k} \cdot 3) / (3 + (H_r + S_{psolsup}) \cdot \text{tg}30^\circ) \quad \text{kN/m}^2$$

$$q'_{acc,sup} = (\sigma_{1v,sup} + \sigma_{2v,sup}) \cdot K_0 \quad \text{kN/m}^2 \quad [\text{SQMS/D}]$$

$$\sigma_{1v,inf} =$$

$$(2 \cdot Q_{1.k}) / ((3 + (H_r + S_{psolsup}/2 + S_{psolinf}/2 + H) \cdot \text{tg}30^\circ) \cdot (2,2 + 2 \cdot \text{tg}30^\circ \cdot (H_r + S_{psolsup}/2 + S_{psolinf}/2 + H))) \quad \text{kN/m}^2$$

$$\text{kN/m}^2$$

$$\sigma_{2v,inf} = (q_{1k} \cdot 3) / (3 + (H_r + S_{psolsup}/2 + S_{psolinf}/2 + H) \cdot \text{tg}30^\circ) \quad \text{kN/m}^2$$

$$q'_{acc,inf} = (\sigma_{1v,inf} + \sigma_{2v,inf}) \cdot 0,384 \quad \text{kN/m}^2 \quad [\text{SQMS/D}]$$

### 6.3.6 Frenatura


In accordo con il § 5.1.3.5 del D.M. 14-01-2008 e § 4.4.1 di UNI EN 1991-2:2005 il carico frenante di normativa ( $q_3$ ) è funzione del carico verticale totale agente sulla corsia convenzionale n.1, il quale viene ripartito sulla larghezza collaborante (L) e sulla larghezza dello scatolare (CDC 13-14):

$$\text{Carico frenante} \quad q_3 = 0,60 \cdot (2 \cdot Q_{1.k}) + 0,10 \cdot q_{1k} \cdot w_l \cdot L \quad \text{kN}$$

L'azione di cui sopra, viene distribuita sulla soletta superiore dello scatolare; il valore della frenatura equivalente da applicare alla soletta, si ottiene distribuendo il valore del carico frenante, alla lunghezza dello scatolare e alla larghezza di diffusione del carico ( $L_L$ ), con la seguente relazione:

$$q_{3,dis} = q_3 / (L \cdot L_L) \quad \text{kN/m}^2$$

[FA01]  
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### 6.3.7 Azioni termiche

In accordo con il § 3.5 del D.M. 14-01-2008 sono stati considerati gli effetti dovuti alle variazioni termiche. In particolare, è stata considerata una variazione termica uniforme di  $\pm 10^{\circ}\text{C}$  sulla soletta superiore (CDC 14) ed un salto termico di  $5^{\circ}\text{C}$ , analizzando i due casi di intradosso più caldo dell'estradosso e viceversa, con andamento lineare nello spessore della soletta superiore (CDC 15-16).

Per il coefficiente di dilatazione termica si assume:

$$\alpha = 10 \cdot 10^{-6} = 0.00001 \text{ } ^{\circ}\text{C}^{-1}$$

### 6.3.8 Azione sismica

#### 1.1.1.1 STATO LIMITE DI SALVAGUARDIA DELLA VITA (SLV)

La risultante delle forze inerziali orizzontali indotte dal sisma viene valutata con la seguente espressione:

$$F_h = P \cdot k_h$$

$$k_h = \beta_m \cdot \frac{a_{\max}}{g}$$

$$\text{(SLV)} \quad k_h = \beta_m \cdot \frac{a_{\max}}{g} = 0,278$$

P = peso proprio;

k = coefficienti sismici;

Si può ritenere che la struttura debba mantenere sotto l'azione sismica un comportamento elastico, assimilando l'opera scatolare alla categoria delle spalle da ponte e rientrando così tra le opere che si muovono con il terreno; queste categorie di opere non subiscono le amplificazioni dell'accelerazione del suolo.

Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento al metodo di Wood, in cui l'incremento di spinta sismica  $\Delta P$  per la condizione a riposo viene valutato:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{\text{tot}}^2$$

Ai fini delle azioni orizzontali :

- Spinta inerziale sulla soletta superiore:

$$(S_{\text{psol}} \cdot \gamma_c + H_r \cdot \gamma_t) \cdot k_h \quad \text{kN/m}^2 \quad \text{[IS01]}$$

- Spinta inerziale sui piedritti:

$$(S_{\text{ppie}} \cdot \gamma_c) \cdot k_h \quad \text{kN/m}^2$$

[IS01]

- Sovrappinta sismica :

$$S \cdot a_g / g \cdot \gamma \cdot h_{\text{tot}} \quad \text{kN/m}^2 \quad \text{[SSTS]}$$

## 6.4 Riassunto condizioni di carico e Combinazioni di carico

Al fine di determinare le combinazioni come da norma (§3.2 (NT)), si definisce la classificazione delle azioni e le combinazioni allo SLU e SLE.

Classificazione delle azioni agenti sulla struttura.

condizione	per	n°	condizioni per combinazioni di	n°
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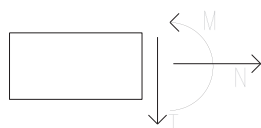
La classificazione  
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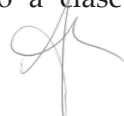
sap2000		carico	
PPST	1	PPST	1
PPNS	2	PPNS	2
ST1S	4	SK0S = ST1S + ST2S	4
ST2S	5	SKAS = ST2S + ST3S	5
ST3S	6	SK0D = ST1D + ST2D	6
ST4S	7	SKAD = ST2D + ST3D	7
ST1D	8	SK0SG = ST1SG + ST2SG	4
ST2D	9	SKASG = ST2SG + ST3SG	5
ST3D	10	SK0DG = ST1DG + ST2DG	6
ST4D	11	SKADG = ST2DG + ST3DG	7
ST1SG	12	SWS = SW1S + SW2S	8
ST2SG	13	SWD = SW1D + SW2D	9
ST3SG	14	SA	10
ST4SG	15	QM01	11
ST1DG	16	QM02	12
ST2DG	17	SQMS	13
ST3DG	18	SQMD	14
ST4DG	19	SQMSG	15
SW1S	20	SQMDG	16
SW2S	21	FA01	17
SW1D	22	TC01	18
SW2D	23	TC02	19
SA	24	TV01	20
QM01	25	TV02	21
QM02	26	RIT	22
SQMS	27	IS01	23
SQMD	28	SSTS	24
SQMSG	29	IS02	23
SQMDG	30		
FA01	31		
TC01	32		
TC02	33		
TV01	34		
TV02	35		
RIT	36		
IS01	37		
SSTS	38		
IS02	39		

APPROVATO SDP

Per un esame più dettagliato dei risultati del calcolo elettronico si rimanda agli output allegati.  
Le convenzioni adottate per le sollecitazioni di segno positivo sono le seguenti:



Nelle verifiche di seguito riportate le combinazioni di calcolo considerate sono riportate nella tabella seguente. Si fa notare che le voci riportate in prima riga sono le condizioni di carico descritte nei paragrafi precedenti, e le relative etichette sono desumibili affianco a ciascuna descrizione della condizione.

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		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT
	1	1.35	1.35	1.35		1.35	1.35		1.35	1.35										
	2	1.35	1.35		1.00	1.00		1.00	1.00	1.35										
	3	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.35	1.35								
	4	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.35	1.35	1.35							
	5	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35						
	6	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.35							
	7	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.35	1.35						
	8	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35					
	9	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20				
	10	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20				
	11	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.35	1.35				0.72				
	12	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.35	1.35	1.35			0.72				
	13	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35		0.72				
	14	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.35	1.35		0.72				
	15	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.35	1.35		0.72				
	16	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35	0.72				
	17	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20				
	18	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20				
	19	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20				
	20	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01			1.20				
	21	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20				
	22	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20		0.72		
	23	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20		0.72		
	24	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20		0.72		
	25	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20		0.72		
	26	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20		0.72		
	27	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01			1.20		0.72		
	28	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20		0.72		
	29	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20			0.72	
	30	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20			0.72	
	31	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20			0.72	
	32	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20			0.72	
	33	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20			0.72	
	34	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01			1.20			0.72	
	35	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20			0.72	
	36	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20				0.72
	37	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20				0.72
	38	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20				0.72
	39	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20				0.72
	40	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20				0.72
	41	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01			1.20				0.72
	42	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20				0.72
	43	1.35	1.35	1.35		1.35	1.35		1.35	1.35										
	44	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20				
	45	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.35	1.35				0.72				
	46	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.35	1.35	1.35			0.72				
	47	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35		0.72				
	48	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.35			0.72				
	49	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.35	1.35		0.72				
	50	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35	0.72				
	51	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20				
	52	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20				
	53	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20				
	54	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01	1.01		1.20				
	55	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20				
	56	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20	0.72			
	57	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20	0.72			
	58	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20	0.72			
	59	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20	0.72			
	60	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20	0.72			
	61	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01	1.01		1.20	0.72			
	62	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20	0.72			
	63	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20		0.72		
	64	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20		0.72		
	65	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20		0.72		
	66	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20		0.72		
	67	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20		0.72		
	68	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01	1.01		1.20		0.72		
	69	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20		0.72		
	70	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20			0.72	
	71	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20				0.72
	72	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				1.20				0.72
	73	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			1.20				0.72
	74	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		1.20				0.72
	75	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01	1.01		1.20				0.72
	76	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		1.20				0.72
	77	1.35	1.35	1.35		1.35	1.35		1.35	1.35						1.20				0.72
	78	1.35	1.35		1.00	1.00		1.00	1.00	1.35						1.20				
	79	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.35	1.35				0.72				

SLU  
STR

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		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT
80	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.35	1.35	1.35					0.72		
81	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35				0.72		
82	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.35					0.72		
83	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.35	1.35				0.72		
84	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35			0.72		
85	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01						1.20		
86	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01					1.20		
87	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				1.20		
88	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					1.20		
89	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01				1.20		
90	1.35	1.35	1.35			1.35	1.35		1.35	1.35						0.72		1.20		
91	1.35	1.35		1.00		1.00		1.00	1.00	1.35						0.72		1.20		
92	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01				0.72		1.20		
93	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01			0.72		1.20		
94	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		0.72		1.20		
95	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01			0.72		1.20		
96	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01		0.72		1.20		
97	1.35	1.35	1.35			1.35	1.35		1.35	1.35							0.72	1.20		
98	1.35	1.35		1.00		1.00		1.00	1.00	1.35							0.72	1.20		
99	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01					0.72	1.20		
100	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01				0.72	1.20		
101	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				0.72	1.20	
102	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01				0.72	1.20		
103	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01			0.72	1.20		
104	1.35	1.35	1.35			1.35	1.35		1.35	1.35								1.20		0.72
105	1.35	1.35		1.00		1.00		1.00	1.00	1.35								1.20		0.72
106	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01						1.20		0.72
107	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01					1.20		0.72
108	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				1.20		0.72
109	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					1.20		0.72
110	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01				1.20		0.72
111	1.35	1.35	1.35			1.35	1.35		1.35	1.35									1.20	
112	1.35	1.35		1.00		1.00		1.00	1.00	1.35								1.20		
113	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.35	1.35						0.72		
114	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.35	1.35	1.35					0.72		
115	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35				0.72		
116	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.35					0.72		
117	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.35	1.35				0.72		
118	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35			0.72		
119	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01						1.20		
120	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01					1.20		
121	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				1.20		
122	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					1.20		
123	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01				1.20		
124	1.35	1.35	1.35			1.35	1.35		1.35	1.35						0.72		1.20		
125	1.35	1.35		1.00		1.00		1.00	1.00	1.35						0.72		1.20		
126	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01					0.72	1.20		
127	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01				0.72	1.20		
128	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				0.72	1.20	
129	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01				0.72	1.20		
130	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01		0.72		1.20		
131	1.35	1.35	1.35			1.35	1.35		1.35	1.35							0.72	1.20		
132	1.35	1.35		1.00		1.00		1.00	1.00	1.35							0.72	1.20		
133	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01					0.72	1.20		
134	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01				0.72	1.20		
135	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				0.72	1.20	
136	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					0.72	1.20	
137	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01			0.72	1.20		
138	1.35	1.35	1.35			1.35	1.35		1.35	1.35								1.20		0.72
139	1.35	1.35		1.00		1.00		1.00	1.00	1.35								1.20		0.72
140	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01						1.20		0.72
141	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01					1.20		0.72
142	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				1.20		0.72
143	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					1.20		0.72
144	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01				1.20		0.72
145	1.35	1.35	1.35			1.35	1.35		1.35	1.35								1.20		
146	1.35	1.35		1.00		1.00		1.00	1.00	1.35								1.20		
147	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.35	1.35						0.72		
148	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.35	1.35	1.35					0.72		
149	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.35	1.35	1.35	1.35				0.72		
150	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.35					0.72		
151	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.35	1.35				0.72		
152	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01		1.35			0.72		
153	1.35	1.35		1.00		1.00		1.00	1.00	1.35	1.01	1.01						1.20		
154	1.35	1.35	1.35			1.35		1.00	1.00	1.35	1.01	1.01	1.01					1.20		
155	1.35	1.35	1.35			1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				1.20		
156	1.00	1.00	1.35			1.35		1.00	1.00	1.00			1.01					1.20		
157	1.00	1.00	1.35			1.35	1.35		1.35	1.00			1.01	1.01				1.20		
158	1.35	1.35	1.35			1.35	1.35		1.35	1.35						0.72		1.20		

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	PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
	159	1.35	1.35		1.00	1.00		1.00	1.00	1.35					0.72				1.20	
	160	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01			0.72				1.20	
	161	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01		0.72				1.20	
	162	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01	0.72				1.20	
	163	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01		0.72				1.20	
	164	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01	0.72				1.20	
	165	1.35	1.35	1.35		1.35	1.35		1.35	1.35						0.72			1.20	
	166	1.35	1.35		1.00	1.00		1.00	1.00	1.35						0.72			1.20	
	167	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01				0.72			1.20	
	168	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01			0.72			1.20	
	169	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01		0.72			1.20	
	170	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01			0.72			1.20	
	171	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01		0.72			1.20	
	172	1.35	1.35	1.35		1.35	1.35		1.35	1.35							0.72		1.20	
	173	1.35	1.35		1.00	1.00		1.00	1.00	1.35							0.72		1.20	
	174	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01					0.72		1.20	
	175	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01				0.72		1.20	
	176	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01			0.72		1.20	
	177	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01				0.72		1.20	
	178	1.00	1.00	1.35		1.35	1.35		1.35	1.00			1.01	1.01			0.72		1.20	
	179	1.35	1.35	1.35		1.35	1.35		1.35	1.35							0.72		1.20	
	180	1.35	1.35	1.35		1.35	1.35		1.35	1.35								0.72	1.20	
	181	1.35	1.35		1.00	1.00		1.00	1.00	1.35								0.72	1.20	
	182	1.35	1.35		1.00	1.00		1.00	1.00	1.35	1.01	1.01						0.72	1.20	
	183	1.35	1.35	1.35		1.35		1.00	1.00	1.35	1.01	1.01	1.01					0.72	1.20	
	184	1.35	1.35	1.35		1.35	1.35		1.35	1.35	1.01	1.01	1.01	1.01				0.72	1.20	
	185	1.00	1.00	1.35		1.35		1.00	1.00	1.00			1.01					0.72	1.20	
	186	1.00	1.00	1.35		1.35	1.35		1.35	1.00				1.01				0.72	1.20	
	187	1.35	1.35	1.35		1.35	1.35		1.35	1.35								0.72	1.20	
		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT
	1	1.00	1.00	1.00		1.00	1.00		1.00	1.00										
	2	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00								
	3	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00							
	4	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00						
	5	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00							
	6	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00						
	7	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75		1.00					
	8	1.00	1.00		1.00	1.00		1.00	1.00	1.00						1.00				
	9	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00				0.60				
	10	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00			0.60				
	11	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00		0.60				
	12	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00			0.60				
	13	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00		0.60				
	14	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75		1.00	0.60				
	15	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				1.00				
	16	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			1.00				
	17	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		1.00				
	18	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			1.00				
	19	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		1.00				
	20	1.00	1.00		1.00	1.00		1.00	1.00	1.00						1.00		0.6		
	21	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				1.00		0.6		
	22	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			1.00		0.6		
	23	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		1.00		0.6		
	24	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			1.00		0.6		
	25	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		1.00		0.6		
	26	1.00	1.00		1.00	1.00		1.00	1.00	1.00						1.00			0.6	
	27	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				1.00			0.6	
	28	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			1.00			0.6	
	29	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		1.00			0.6	
	30	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75	0.75		1.00			0.6	
	31	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		1.00			0.6	
	32	1.00	1.00		1.00	1.00		1.00	1.00	1.00						1.00				0.6
	33	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				1.00				0.6
	34	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			1.00				0.6
	35	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		1.00				0.6
	36	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			1.00				0.6
	37	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		1.00				0.6
	38	1.00	1.00		1.00	1.00		1.00	1.00	1.00							1.00			
	39	1.00	1.00		1.00	1.00		1.00	1.00	1.00							0.60			
	40	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00				0.60			
	41	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00				0.60		
	42	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00				0.60			
	43	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00						
	44	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75		1.00					
	45	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75								
	46	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75							
	47	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75						
	48	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75							

SLE RARA

APPROVATO SDR

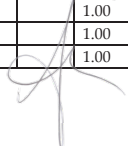
Società di Progetto  
**Artemis SpA**



	PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT
49	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			1.00			
50	1.00	1.00		1.00	1.00		1.00	1.00	1.00							1.00	0.6		
51	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					1.00	0.6		
52	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				1.00	0.6		
53	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			1.00	0.6		
54	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75				1.00	0.6		
55	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			1.00	0.6		
56	1.00	1.00		1.00	1.00		1.00	1.00	1.00							1.00		0.6	
57	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					1.00		0.6	
58	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				1.00		0.6	
59	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			1.00		0.6	
60	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75	0.75			1.00		0.6	
61	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			1.00		0.6	
62	1.00	1.00		1.00	1.00		1.00	1.00	1.00							1.00			0.6
63	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					1.00			0.6
64	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				1.00			0.6
65	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			1.00			0.6
66	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75				1.00			0.6
67	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			1.00			0.6
68	1.00	1.00		1.00	1.00		1.00	1.00	1.00								1.00		
69	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00						0.60		
70	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00					0.60		
71	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00				0.60		
72	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00					0.60		
73	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00				0.60		
74	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75		1.00			0.60		
75	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75						1.00		
76	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75					1.00		
77	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75				1.00		
78	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75					1.00		
79	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75				1.00		
80	1.00	1.00		1.00	1.00		1.00	1.00	1.00						0.60		1.00		
81	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				0.60		1.00		
82	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			0.60		1.00		
83	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		0.60		1.00		
84	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			0.60		1.00		
85	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		0.60		1.00		
86	1.00	1.00		1.00	1.00		1.00	1.00	1.00							0.6	1.00		
87	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					0.6	1.00		
88	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				0.6	1.00		
89	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			0.6	1.00		
90	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75				0.6	1.00		
91	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			0.6	1.00		
92	1.00	1.00		1.00	1.00		1.00	1.00	1.00								1.00		0.6
93	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75						1.00		0.6
94	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75					1.00		0.6
95	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75				1.00		0.6
96	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75					1.00		0.6
97	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75				1.00		0.6
98	1.00	1.00		1.00	1.00		1.00	1.00	1.00									1.00	
99	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00							0.60	
100	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00						0.60	
101	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00					0.60	
102	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00						0.60	
103	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00					0.60	
104	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75		1.00				0.60	
105	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75							1.00	
106	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75						1.00	
107	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75					1.00	
108	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75						1.00	
109	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75					1.00	
110	1.00	1.00		1.00	1.00		1.00	1.00	1.00						0.60			1.00	
111	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				0.60			1.00	
112	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			0.60			1.00	
113	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		0.60			1.00	
114	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			0.60			1.00	
115	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		0.60			1.00	
116	1.00	1.00		1.00	1.00		1.00	1.00	1.00							0.6		1.00	
117	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					0.6		1.00	
118	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				0.6		1.00	
119	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			0.6		1.00	
120	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75				0.6		1.00	
121	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			0.6		1.00	
122	1.00	1.00		1.00	1.00		1.00	1.00	1.00									1.00	0.6
123	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75							1.00	0.6
124	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75						1.00	0.6
125	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75					1.00	0.6
126	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75						1.00	0.6
127	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75					1.00	0.6

APPROVATO SDP

Società di Progetto  
Brebemil S.p.A.



		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
	128	1.00	1.00		1.00	1.00		1.00	1.00	1.00											1.00
	129	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00									0.60
	130	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00								0.60
	131	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00							0.60
	132	1.00	1.00	1.00		1.00		1.00	1.00	1.00			1.00	1.00							0.60
	133	1.00	1.00	1.00		1.00	1.00		1.00	1.00			1.00	1.00							0.60
	134	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75	0.75	1.00						0.60
	135	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75									1.00
	136	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75								1.00
	137	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75							1.00
	138	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75								1.00
	139	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75							1.00
	140	1.00	1.00		1.00	1.00		1.00	1.00	1.00						0.60					1.00
	141	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75				0.60					1.00
	142	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75			0.60					1.00
	143	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75		0.60					1.00
	144	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75			0.60					1.00
	145	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75		0.60					1.00
	146	1.00	1.00		1.00	1.00		1.00	1.00	1.00							0.6				1.00
	147	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75					0.6				1.00
	148	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75				0.6				1.00
	149	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75			0.6				1.00
	150	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75				0.6				1.00
	151	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75			0.6				1.00
	152	1.00	1.00		1.00	1.00		1.00	1.00	1.00								0.6			1.00
	153	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75						0.6			1.00
	154	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75					0.6			1.00
	155	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75				0.6			1.00
	156	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75					0.6			1.00
	157	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75				0.6			1.00
	158	1.00	1.00		1.00	1.00		1.00	1.00	1.00									0.6		1.00
	159	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75							0.6		1.00
	160	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75						0.6		1.00
	161	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75					0.6		1.00
	162	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75						0.6		1.00
	163	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75					0.6		1.00
		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
SLE FREQUENTE	1	1.00	1.00	1.00		1.00	1.00		1.00	1.00											
	2	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75									
	3	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75								
	4	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75							
	5	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75								
	6	1.00	1.00	1.00		1.00	1.00		1.00	1.00				0.75	0.75						
	7	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60				
	8	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	0.75	0.75				0.50				
	9	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	0.75	0.75	0.75			0.50				
	10	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75	0.75	0.75		0.50				
	11	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00			0.75			0.50				
	12	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00			0.75	0.75		0.50				
	13	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60		0.50		
	14	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60			0.50	
	15	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60				0.50
	16	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00							0.60			
	17	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	0.75	0.75					0.50			
	18	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	0.75	0.75	0.75				0.50			
	19	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75	0.75	0.75			0.50			
	20	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00			0.75				0.50			
	21	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00			0.75	0.75			0.50			
	22	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60	0.50			
	23	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.60			0.50	
	24	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00							0.60			0.50
	25	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00								0.60		
	26	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	0.75	0.75							0.50	
	27	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	0.75	0.75	0.75						0.50	
	28	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75	0.75	0.75					0.50	
	29	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00			0.75						0.50	
	30	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00			0.75	0.75					0.50	
	31	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00						0.50		0.60		
	32	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00							0.50	0.60		
	33	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00								0.60		0.50
	34	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00									0.60	
	35	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.00	0.75	0.75							0.50	
	36	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.00	0.75	0.75	0.75						0.50	
	37	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75	0.75	0.75					0.50	
	38	1.00	1.00	1.00		1.00		1.00	1.00	1.00											

		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
	43	1.00	1.00		1.00	1.00		1.00	1.00	1.00											0.60
	44	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.75	0.75									0.50
	45	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.75	0.75	0.75								0.50
	46	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.75	0.75	0.75	0.75							0.50
	47	1.00	1.00	1.00		1.00		1.00	1.00	1.00			0.75	0.75							0.50
	48	1.00	1.00	1.00		1.00	1.00		1.00	1.00			0.75	0.75							0.50
	49	1.00	1.00		1.00	1.00		1.00	1.00	1.00							0.50				0.60
	50	1.00	1.00		1.00	1.00		1.00	1.00	1.00								0.50			0.60
	51	1.00	1.00		1.00	1.00		1.00	1.00	1.00									0.50		0.60
		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
SLE QUASI PERMANENTE	1	1.00	1.00		1.00	1.00	1.00		1.00	1.00											
	2	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.5					
	3	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.5				
	4	1.00	1.00		1.00	1.00	1.00		1.00	1.00								0.50			
	5	1.00	1.00		1.00	1.00	1.00		1.00	1.00										0.50	
	6	1.00	1.00		1.00	1.00	1.00		1.00	1.00											0.50
	7	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50			0.50		
	8	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50				0.50	
	9	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50					0.50
	10	1.00	1.00	1.00		1.00		1.00	1.00	1.00											
	11	1.00	1.00	1.00		1.00		1.00	1.00	1.00						0.5					
	12	1.00	1.00	1.00		1.00		1.00	1.00	1.00							0.5				
	13	1.00	1.00	1.00		1.00		1.00	1.00	1.00									0.50		
	14	1.00	1.00	1.00		1.00		1.00	1.00	1.00										0.50	
	15	1.00	1.00	1.00		1.00		1.00	1.00	1.00											0.50
	16	1.00	1.00	1.00		1.00		1.00	1.00	1.00						0.50			0.50		
	17	1.00	1.00	1.00		1.00		1.00	1.00	1.00						0.50				0.50	
	18	1.00	1.00	1.00		1.00		1.00	1.00	1.00						0.50					0.50
		PPST	PPNS	SK0S	SKAS	SW2S	SK0D	SKAD	SWD	SA	QM01	QM02	SQMS	SQMD	FA01	TC01	TC02	TV01	TV02	RIT	
SLU GEO	1	1.00	1.00	1.00		1.00	1.00		1.00	1.00											
	2	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.15	1.15									
	3	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.15	1.15	1.15								
	4	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.15	1.15	1.15	1.15							
	5	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86		1.15						
	6	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.15	1.15				0.60					
	7	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.15	1.15	1.15			0.60					
	8	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.15	1.15	1.15	1.15		0.60					
	9	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86		1.15	0.60					
	10	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.86	0.86				1.00					
	11	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86			1.00					
	12	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.86	0.86	0.86	0.86		1.00					
	13	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.15	1.15					0.60				
	14	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.15	1.15	1.15				0.60				
	15	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.15	1.15	1.15	1.15			0.60				
	16	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86		1.15	0.60					
	17	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.86	0.86				1.00					
	18	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86				1.00				
	19	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.86	0.86	0.86	0.86		1.00					
	20	1.00	1.00		1.00	1.00		1.00	1.00	1.00	1.15	1.15								0.60	
	21	1.00	1.00	1.00		1.00		1.00	1.00	1.00	1.15	1.15	1.15							0.60	
	22	1.00	1.00	1.00		1.00	1.00		1.00	1.00	1.15	1.15	1.15	1.15						0.60	
	23	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86		1.15	0.60					
	24	1.00	1.00		1.00	1.00		1.00	1.00	1.00	0.86	0.86								1.00	
	25	1.00	1.00	1.00		1.00		1.00	1.00	1.00	0.86	0.86	0.86							1.00	
	26	1.00	1.00	1.00		1.00	1.00		1.00	1.00	0.86	0.86	0.86	0.86						1.00	

		PPS T	PPN S	SK0 S	SKA S	SW2 S	SK0 D	SKA D	SW D	SA	QM0 1	QM0 2	SQM S	SQM D	FA0 1	TC0 1	TC0 2	TV0 1	TV0 2	RI T	SST S	ISO 1	ISO2	
SI S	1	1.00	1.00		1.00	1.00	1.00		1.00	1.00											1.00	1.00	0.30	
	2	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.5						1.00	1.00	0.30
	3	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.5					1.00	1.00	0.30
	4	1.00	1.00		1.00	1.00	1.00		1.00	1.00								0.50				1.00	1.00	0.30
	5	1.00	1.00		1.00	1.00	1.00		1.00	1.00									0.50			1.00	1.00	0.30
	6	1.00	1.00		1.00	1.00	1.00		1.00	1.00										0.50		1.00	1.00	0.30
	7	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.50		0.50			1.00	1.00	0.30
	8	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.50			0.50		1.00	1.00	0.30
	9	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.50				0.50	1.00	1.00	0.30
	10	1.00	1.00		1.00	1.00	1.00		1.00	1.00												1.00	1.00	0.30

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11	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.5				1.00	1.00	-0.30
12	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.5				1.00	1.00	-0.30
13	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50				1.00	1.00	-0.30
14	1.00	1.00		1.00	1.00	1.00		1.00	1.00					0.50			1.00	1.00	-0.30
15	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50		1.00	1.00	-0.30
16	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	1.00	-0.30
17	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	1.00	-0.30
18	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50			0.50	1.00	1.00	-0.30
19	1.00	1.00		1.00	1.00	1.00		1.00	1.00								1.00	0.30	1.00
20	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.5				1.00	0.30	1.00
21	1.00	1.00		1.00	1.00	1.00		1.00	1.00					0.5			1.00	0.30	1.00
22	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50		1.00	0.30	1.00
23	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50		1.00	0.30	1.00
24	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.50	1.00	0.30	1.00
25	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	0.30	1.00
26	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	0.30	1.00
27	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50			0.50	1.00	0.30	1.00
28	1.00	1.00		1.00	1.00	1.00		1.00	1.00								1.00	0.30	-1.00
29	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.5				1.00	0.30	-1.00
30	1.00	1.00		1.00	1.00	1.00		1.00	1.00					0.5			1.00	0.30	-1.00
31	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50		1.00	0.30	-1.00
32	1.00	1.00		1.00	1.00	1.00		1.00	1.00						0.50		1.00	0.30	-1.00
33	1.00	1.00		1.00	1.00	1.00		1.00	1.00							0.50	1.00	0.30	-1.00
34	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	0.30	1.00
35	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50		0.50		1.00	0.30	-1.00
36	1.00	1.00		1.00	1.00	1.00		1.00	1.00				0.50			0.50	1.00	0.30	-1.00

#### 6.4.1 Schemi di carico

Si riportano di seguito la modellazione dei carichi così come inserita nel programma ad elementi finiti Sap2000:

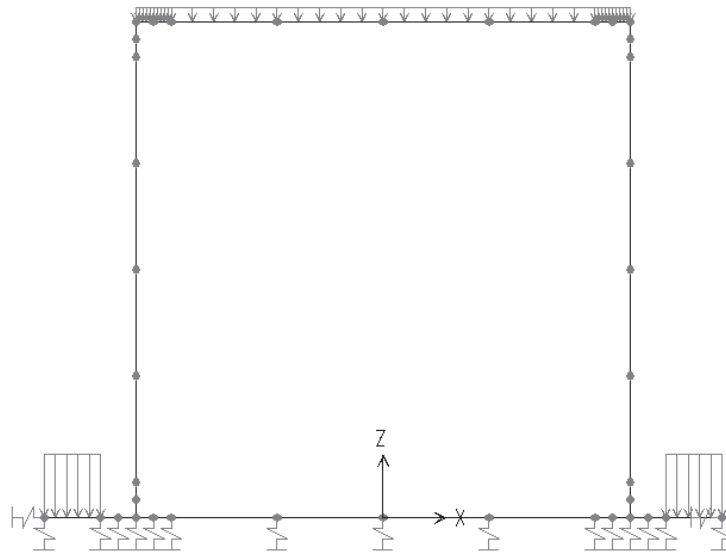


Figura 6 – PESO PROPRIO DELLA STRUTTURA E CARICHI PERMANENTI PORTATI

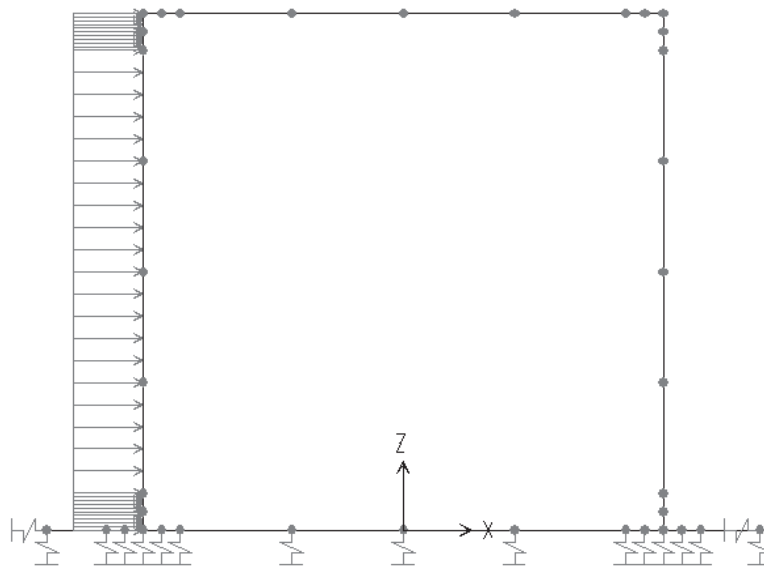


Figura 7 – SPINTA DELLE TERRE ST1S: spinta a riposo

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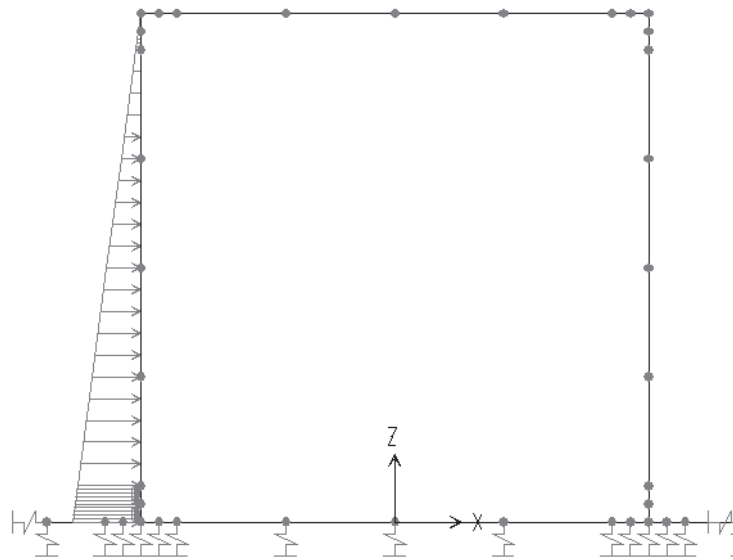


Figura 8 – SPINTA DELLE TERRE ST2S: spinta a riposo

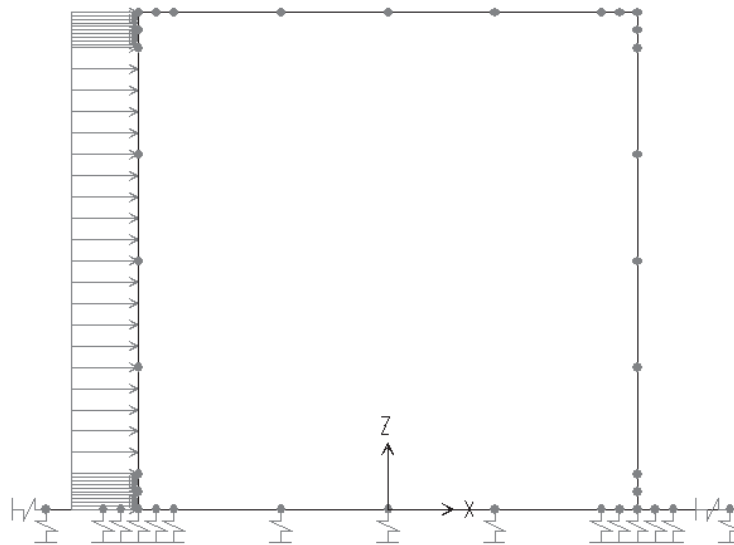


Figura 9 – SPINTA DELLE TERRE ST3S: spinta attiva

APPROVATO SDP



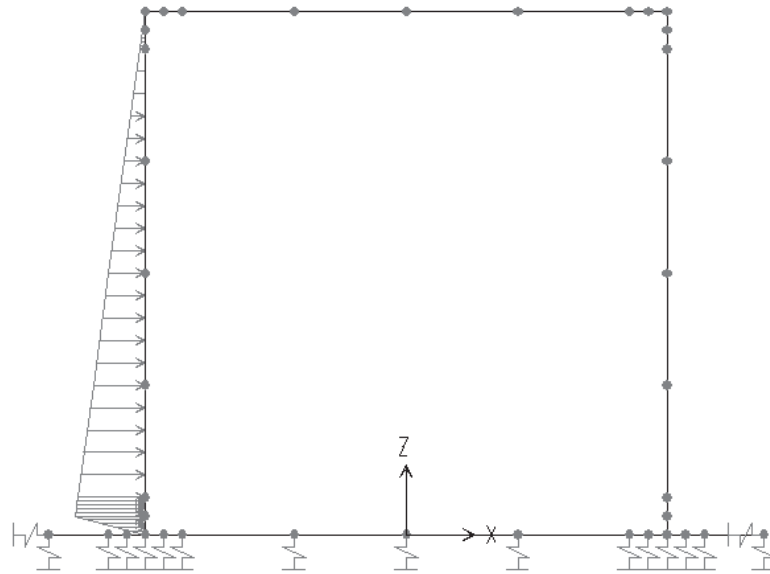


Figura 10 – SPINTA DELLE TERRE ST4S: spinta attiva

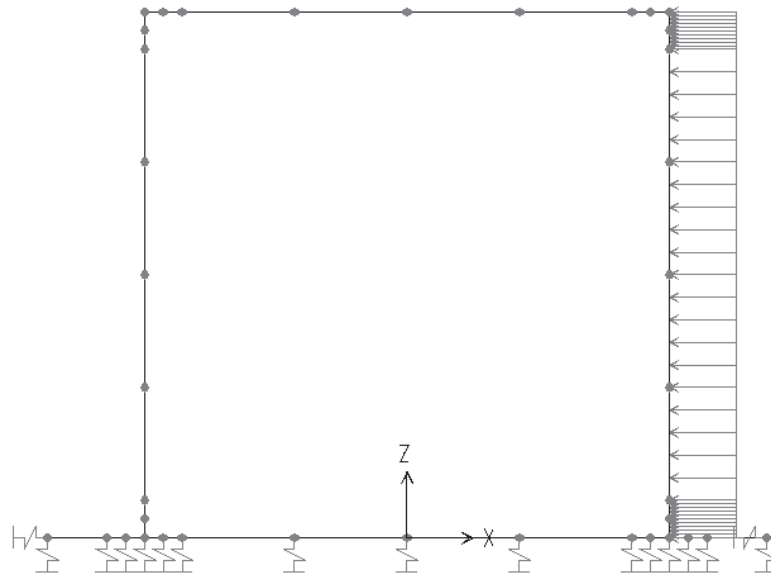


Figura 11 – SPINTA DELLE TERRE ST1D: spinta a riposo

APPROVATO SDP

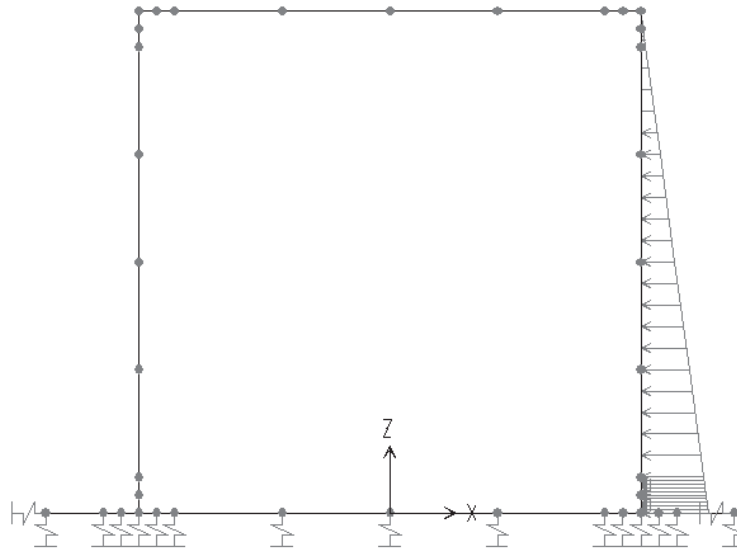


Figura 12 – SPINTA DELLE TERRE ST2D: spinta a riposo

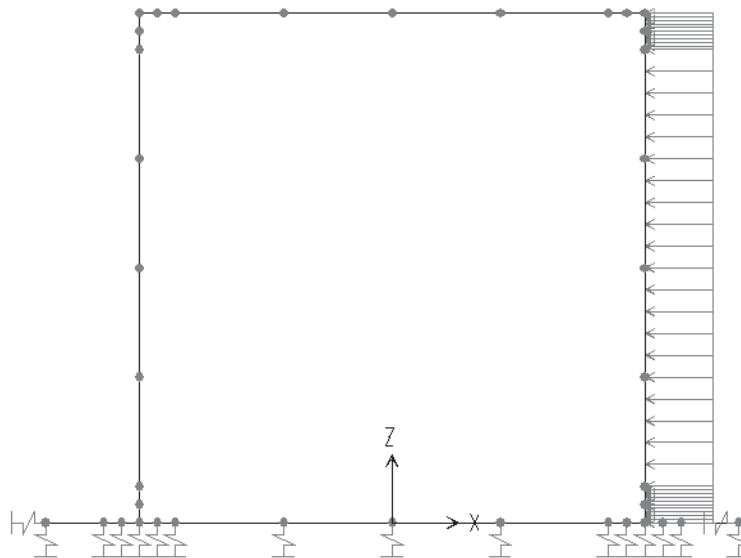


Figura 13 – SPINTA DELLE TERRE ST3D: spinta attiva

APPROVATO SDP

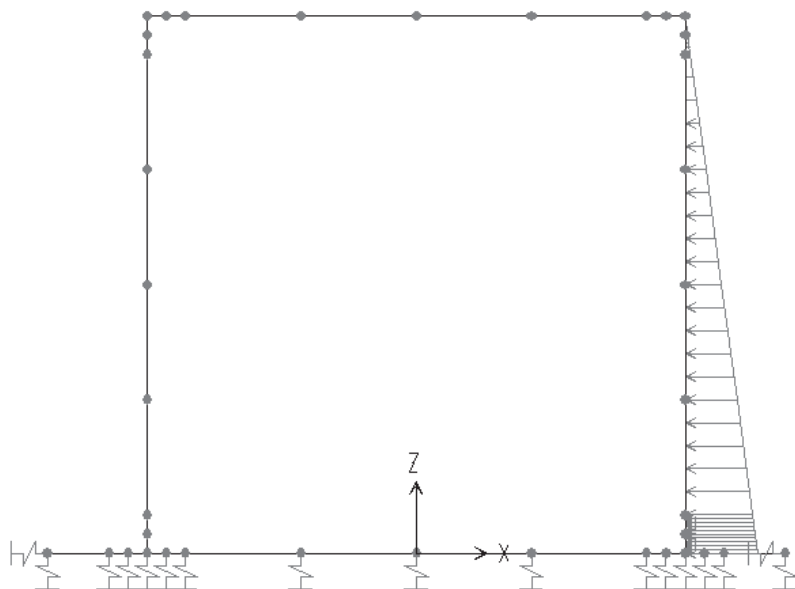


Figura 14 – SPINTA DELLE TERRE ST4D: spinta attiva

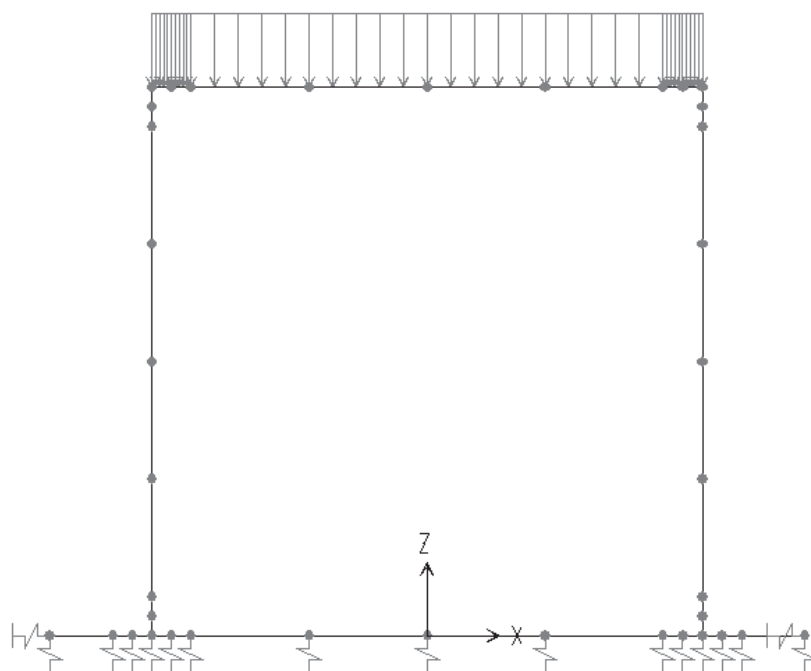


Figura 15 – AZIONE VERTICALE DA TRAFFICO QM01 (Q1K)

APPROVATO SDP

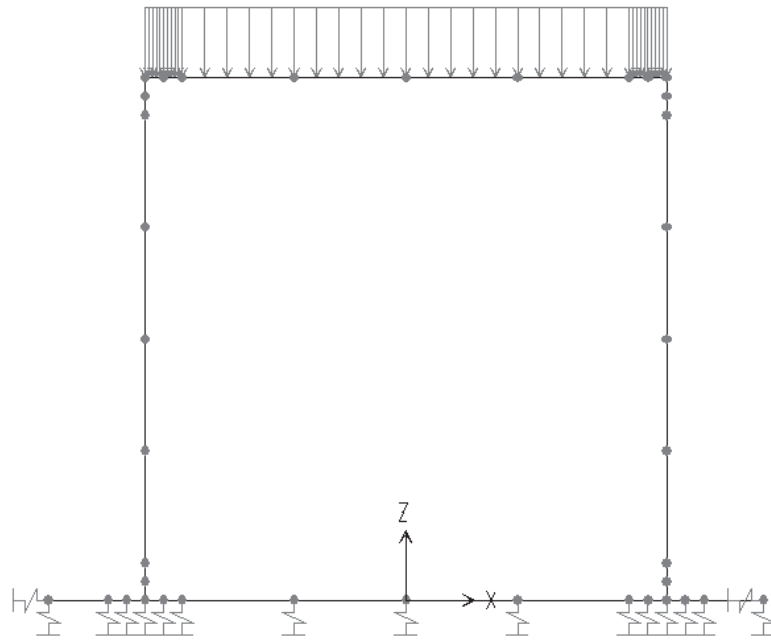


Figura 16 – AZIONE VERTICALE DA TRAFFICO QM02 (q1K)

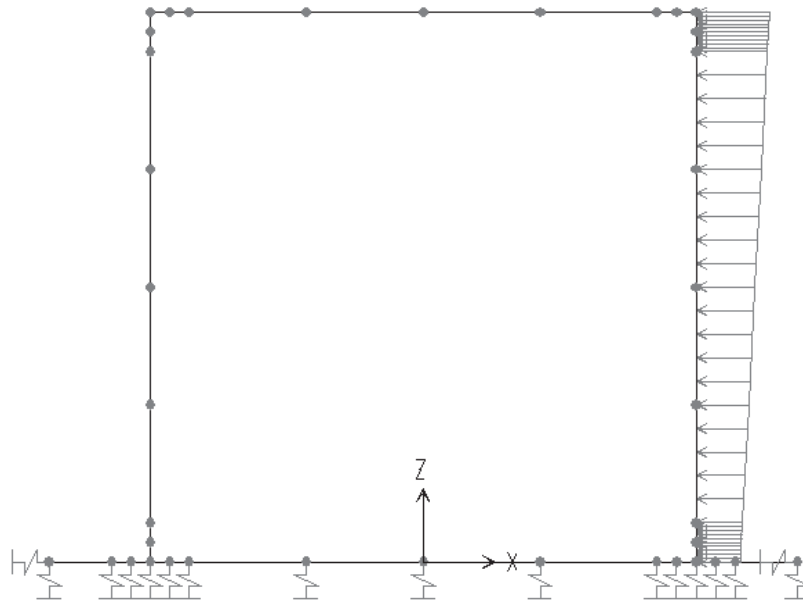


Figura 17 – SPINTA DOVUTA DALL'AZIONE VERTICALE DA TRAFFICO SUL PIEDR. DX SQMD

APPROVATO SDP

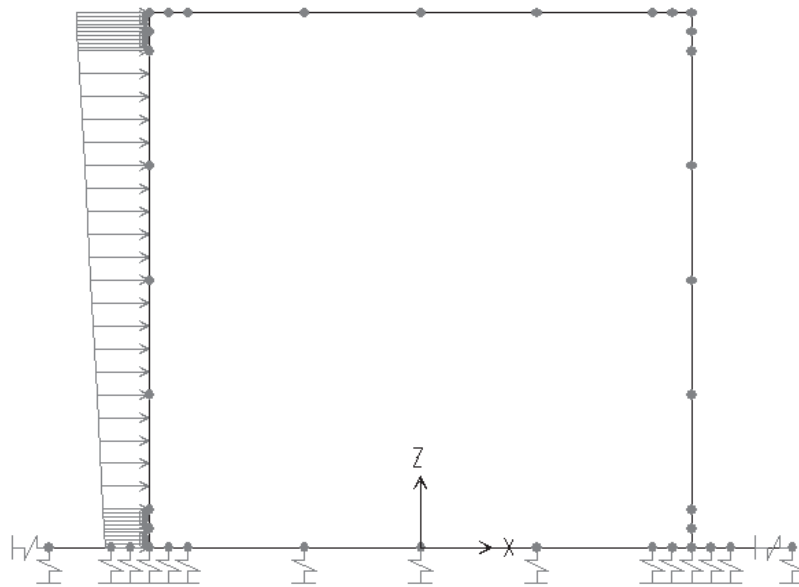


Figura 18 – SPINTA DOVUTA DALL’AZIONE VERTICALE DA TRAFFICO SUL PIEDR. SX SQMS

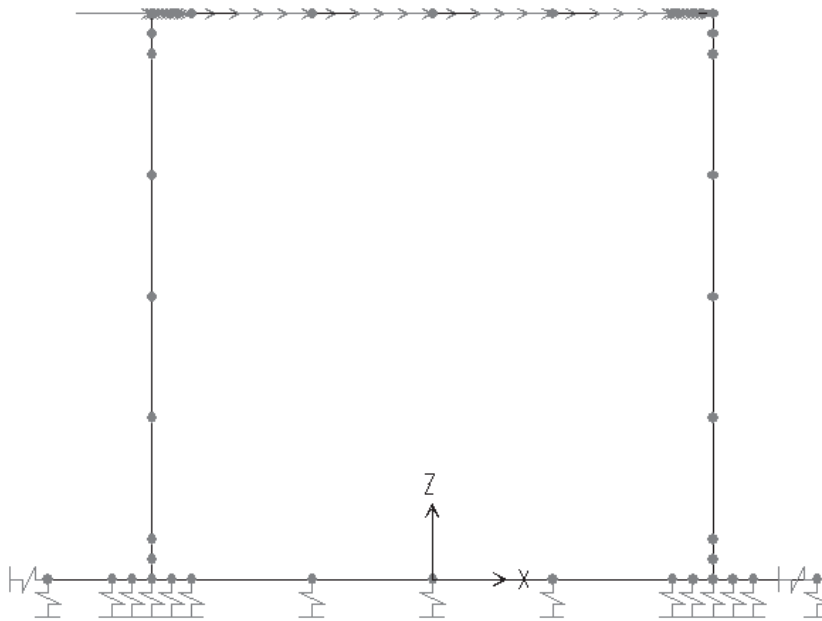


Figura 19 – AZIONE FRENANTE O CENTRIFUGA FA01

APPROVATO SDP

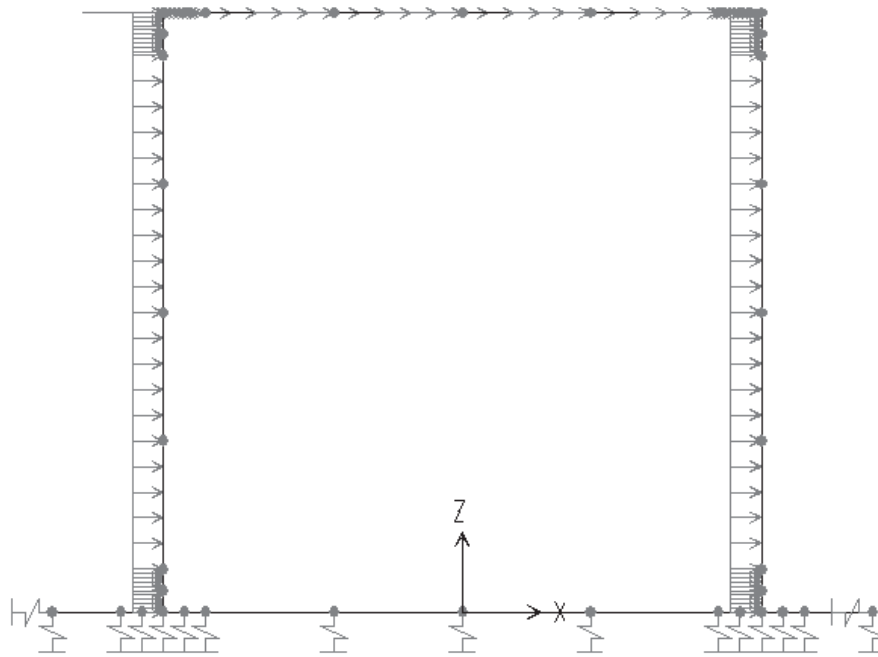


Figura 20 – AZIONI INERZIALI IS01

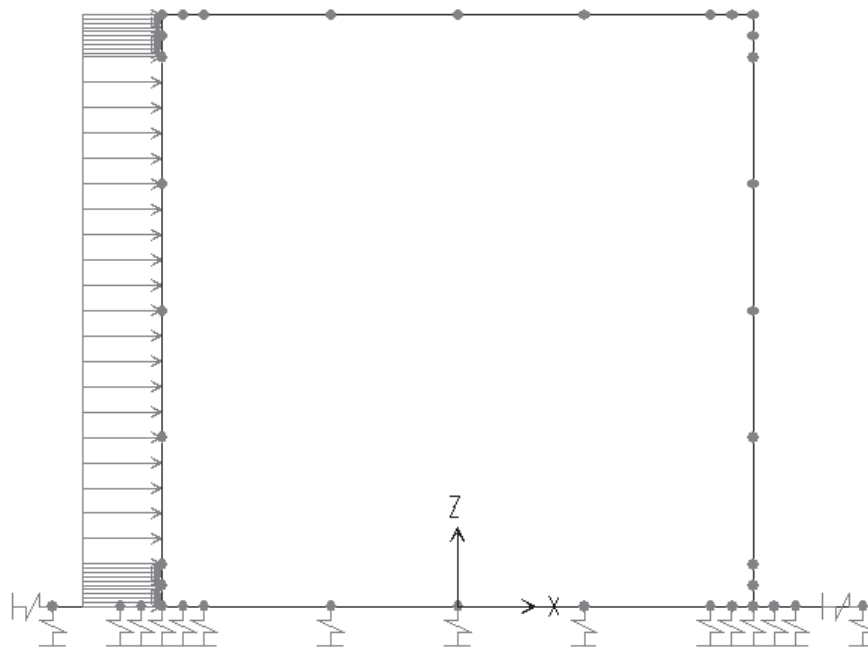


Figura 21 – SOVRASPINTA SISMICA SSTS

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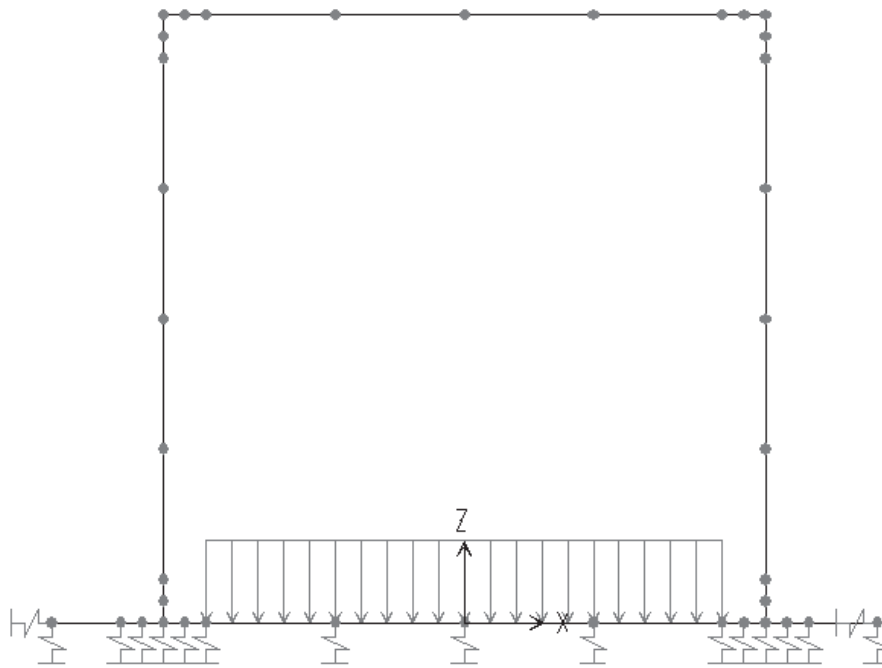


Figura 22 – PESO DELL'ACQUA PPAQ

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## 6.5 Verifica di resistenza e fessurazione

Di seguito si riportano le verifiche delle sezioni per le aste più significative e per le Combinazioni di carico risultate più critiche.

Le verifiche a flessione sono effettuate rispettivamente:

- nella sezione ubicata a metà fra asse piedritto e sezione d'attacco piedritto-soletta nel caso delle verifiche della soletta;
- nella sezione ubicata a metà fra asse soletta e sezione d'attacco del piedritto nel caso delle verifiche del piedritto.\*

Le verifiche a fessurazione ed a taglio sono eseguite nelle sezioni di attacco soletta-piedritto.

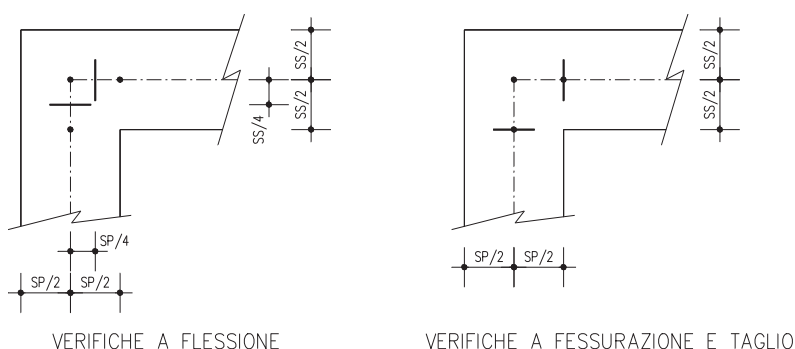


Figura 23 – Sezioni di riferimento per le verifiche

I calcoli di verifica sono effettuati con il metodo degli Stati Limite, applicando il D. M.14.01.2008 .

Le verifiche a fessurazione sono state condotte considerando:

Verifica di formazione delle fessure: la verifica si esegue per la sezione interamente reagente e per le sollecitazioni di esercizio si determina la massima trazione nel calcestruzzo  $\sigma_{ct}$ , confrontandola con la resistenza caratteristica a trazione per flessione  $f_{ctk}$ : se risulta  $\sigma_{ct} < f_{ctk}$  la verifica è soddisfatta, altrimenti si procede alla verifica di apertura delle fessure.

Verifica di apertura delle fessure: l'apertura convenzionale delle fessure è calcolata, come richiesto dal D. M. Min. II. TT. del 14 gennaio 2008, e valutata con le sollecitazioni relative alle Combinazioni FR o QP della normativa vigente sui ponti stradali". La massima apertura ammissibile risulta rispettivamente le strutture in ambiente aggressivo ed armature poco sensibili:

b.1) combinazione di carico Frequante:

$$w_k \leq w_2 = 0,30 \text{ mm}$$

b.2) combinazione di carico quasi permanente:

$$w_k \leq w_1 = 0,20 \text{ mm}$$

La massima apertura ammissibile risulta rispettivamente le strutture in ambiente ordinario ed armature poco sensibili:

b.1) combinazione di carico Frequente:


$$w_k \leq w_3 = 0,40 \text{ mm}$$

b.2) combinazione di carico quasi permanente:

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$w_k \leq w_2 = 0,30\text{mm}$

Verifica delle tensioni di esercizio: le verifiche si eseguono per la condizione di carico Quasi Permanente e Rara, verificando rispettivamente che le tensioni di lavoro siano inferiori ai seguenti limiti:

per la condizione QP si verifica che le massime tensioni presenti nel calcestruzzo siano inferiori a  $\sigma_c < 0.45 f_{ck}$ ;

per la condizione rara si verifica che le massime tensioni presenti nel calcestruzzo siano inferiori a  $\sigma_c < 0.60 f_{ck}$ , mentre quelle dell'acciaio  $\sigma_s < 0.80 f_{yk}$

A favore di sicurezza si trascura il contributo dello sforzo normale nelle verifiche delle sezioni delle solette orizzontali.

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## 7 TOMBINO SCATOLARE 3,00X1,50

Il tombino scatolare presenta sezione corrente di forma rettangolare ed è realizzato da una soletta di fondazione su cui si innestano i piedritti, costituiti da setti continui in cemento armato a spessore costante e sui quali si realizzerà la soletta di copertura, costituita da una piastra in calcestruzzo armato gettata in opera, anch'essa a spessore costante.

La geometria è quella riportata nella figura:

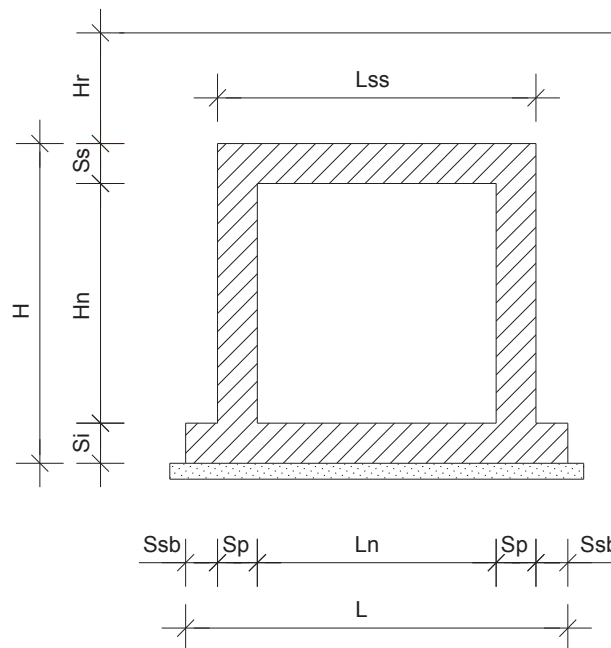


Figura 24 – sezione trasversale

$L_n = 3,00$ m	$S_s = 0,25$ m	$H_n = 1,50$ m
$L = 3,90$ m	$S_i = 0,25$ m	$H = 2,00$ m
$L_{ss} = 3,50$ m	$S_p = 0,25$ m	$S_{sb} = 0,20$ m

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### 7.1 Riassunto condizioni di carico e valori di calcolo

#### Caratteristiche geometriche

B	=	3.00	m	Larghezza interna sezione trasversale di calcolo
H	=	1.50	m	Altezza interna sezione trasversale di calcolo
$L_{tomb}$	=	20.90	m	Lunghezza totale assunta per lo scatolare
$S_{p_{solsup}}$	=	0.25	m	Spessore soletta superiore
$S_{p_{solinf}}$	=	0.25	m	Spessore soletta inferiore
$S_{p_{pie}}$	=	0.25	m	Spessore piedritti sezione trasversale di calcolo
$H_{ric\ pavimentato}$	=	1.50	m	Spessore pavimentazione
$H_{ric\ rilevato}$	=	0.00	m	Spessore rilevato

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$H_{ric}$ totale	=	1.50	m	Ricoprimento da estradosso pavimentazione
$\gamma_{cls}$	=	25.00	kN/ m <sup>3</sup>	Peso specifico del c.a.
Sbalzo	=	0.20	m	Sbalzo soletta inferiore
$\alpha_{ass}$	=	0	°	Inclinazione asse stradale rispetto all'asse della sezione trasversale di calcolo
$L_{cons}$	=	1.00		Lunghezza tombino considerata per l'analisi dei carichi
Presenza falda	=	0.00		Se 1 falda presente se 0 falda assente
$H_{falda}$	=	0.00		quota falda rispetto al P.C.

### Caratteristiche geotecniche

$\gamma'$	=	20.00	kN/ m <sup>3</sup>	Peso specifico rilevato secco
$\gamma_{sat}$	=	20.00	kN/ m <sup>3</sup>	Peso specifico terreno da rilevato saturo
$\gamma_w$	=	0.00	kN/ m <sup>3</sup>	Peso specifico acqua
$\gamma_{pav}$	=	20.00	kN/ m <sup>3</sup>	Peso specifico pavimentazione
$\gamma_{medio\ ric}$	=	20.00	kN/ m <sup>4</sup>	Peso specifico pavimentazione medio del ricoprimento
$\phi_{ril}$	=	38.00	°	Angolo di resistenza al taglio di progetto secondo coeff parziale M1 del rilevato
$\gamma_{\phi M1}$	=	1.00		Coefficiente parziale M1 come da NTC2008
$K_{0M1}$	=	0.380		Coefficiente di spinta a riposo di progetto secondo coeff parziale M1
$K_{AM1}$	=	0.238		Coefficiente di spinta attiva di progetto secondo coeff parziale M1
$K_{PM1}$	=	4.200		Coefficiente di spinta passiva di progetto secondo coeff parziale M1
$c_{ril}$	=	0.00	kN/ m <sup>3</sup>	Coesione rilevato
$\gamma_{terra}$	=	20.00	kN/ m <sup>3</sup>	Peso specifico terreno di fondazione
$\phi_{terra}$	=	35.00	°	Angolo di attrito terreno di fondazione
$k_S$	=	1000.00	kN/ m <sup>3</sup>	Costante di sottofondo
$\gamma_{\phi M2}$	=	1.25		Coefficiente parziale M2 come da NTC2008
$\phi'_{ril}$	=	32	°	Angolo di resistenza al taglio di progetto secondo coeff parziale M2 del terreno di fondazione
$K_{0M2}$	=	0.470		Coefficiente di spinta a riposo di progetto secondo coeff parziale M2
$K_{AM2}$	=	0.307		Coefficiente di spinta attiva di progetto secondo coeff parziale M2
$K_{PM2}$	=	3.250		Coefficiente di spinta passiva di progetto secondo coeff parziale M2
$\alpha$	=	30	°	Angolo di diffusione carichi nel terreno

### ANALISI DEI CARICHI

#### Peso proprio

PPST = Automatico dal programma

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### Carichi permanenti

PPNS <sub>solsup</sub>	=	30.00	kN/ m	Peso ricoprimento soletta superiore
PPNS <sub>sbalzi</sub>	=	65.00	kN/ m	Peso ricoprimento sbalzi soletta inferiore
H riempimento	=	0.00	m	altezza di riempimento
PPAQ	=	0.00	kN/ m	Peso riempimento con acqua su soletta inferiore

### Spinta della terra con $\phi_{ri}$

ST1S.q	=	12.35	kN/ m	Spinta a riposo (M1) costante sul piedritto sx
ST2S.q	=	13.30	kN/ m	Spinta a riposo (M1) lineare sul piedritto sx
ST3S.q	=	7.74	kN/ m	Spinta attiva (M1) costante sul piedritto sx
ST4S.q	=	8.33	kN/ m	Spinta attiva (M1) lineare sul piedritto sx
ST1D.q	=	-12.35	kN/ m	Spinta a riposo (M1) costante sul piedritto dx
ST2D.q	=	-13.30	kN/ m	Spinta a riposo (M1) lineare sul piedritto dx
ST3D.q	=	-7.74	kN/ m	Spinta attiva (M1) costante sul piedritto dx
ST4D.q	=	-8.33	kN/ m	Spinta attiva (M1) lineare sul piedritto dx

### Spinta della terra con $\phi'_{ri}$

ST1SG.q	=	15.28	kN/ m	Spinta a riposo (M2) costante sul piedritto sx
ST2SG.q	=	16.45	kN/ m	Spinta a riposo (M2) lineare sul piedritto sx
ST3SG.q	=	9.98	kN/ m	Spinta attiva (M2) costante sul piedritto sx
ST4SG.q	=	10.75	kN/ m	Spinta attiva (M2) lineare sul piedritto sx
ST1DG.q	=	-15.28	kN/ m	Spinta a riposo (M2) costante sul piedritto dx
ST2DG.q	=	-16.45	kN/ m	Spinta a riposo (M2) lineare sul piedritto dx
ST3DG.q	=	-9.98	kN/ m	Spinta attiva (M2) costante sul piedritto dx
ST4DG.q	=	-10.75	kN/ m	Spinta attiva (M2) lineare sul piedritto dx

### Azioni della falda

#### *Spinta idrostatica*

SW1S	=	0.00	kN/ m	Spinta costante sul piedritto sx
SW2S	=	0.00	kN/ m	Spinta lineare sul piedritto sx
SW1D	=	0.00	kN/ m	Spinta costante sul piedritto dx
SW2D	=	0.00	kN/ m	Spinta lineare sul piedritto dx

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### Spinta di Archimede

SA = 0.00 kN/m Spinta costante sulla soletta inferiore

### Carichi accidentali

#### Carichi su soletta superiore

$Q_{ik 1^\circ}$  = 300.00 kN Carico tandem come da NTC2008 prima corsia  
 $Q_{ik 2^\circ}$  = 200.00 kN Carico tandem come da NTC2008 seconda corsia  
 b = 0.40 m Larghezza impronta di carico come da NTC2008  
 l = 0.40 m Lunghezza impronta di carico come da NTC2008  
 it = 2.00 m Interasse trasversale delle impronte come da NTC2008  
 il = 1.20 m Interasse longitudinale delle impronte come da NTC2008  
 $B_{T1}$  = 4.38 m Larghezza di diffusione trasversale del carico tandem singola colonna di carico  
 $B_{T2}$  = 3.69 m Larghezza di diffusione trasversale del carico tandem due colonne di carico  
 $B_T$  = 3.69 m Larghezza di diffusione trasversale di calcolo  
 $L_{l1}$  = 3.58 m Larghezza di diffusione longitudinale del carico tandem se  $> B + 2S_{p_{pie}}$   
 $L_{l2}$  = 3.48 m Larghezza di diffusione longitudinale del carico tandem se  $< B + 2S_{p_{pie}}$   
 $L_l$  = 3.48 m Larghezza di diffusione longitudinale di calcolo  
 $QM01.q_{1c}$  = 46.72 kN/m<sup>2</sup> Carico medio uniforme di calcolo  
 $QM01.q_{1c}$  = 47.00 kN/m Carico tandem medio uniforme di calcolo assunto  
 $q_{ik 1^\circ}$  = 9.00 kN/m<sup>2</sup> Carico distribuito come da NTC2008 prima corsia  
 $q_{ik 2^\circ}$  = 2.50 kN/m<sup>2</sup> Carico distribuito come da NTC2008 seconda corsia  
 $QM02.q_{ik}$  = 9.00 kN/m Carico distribuito di calcolo assunto


#### Spinta della terra con $\phi_{rit}$ - carico in avvicinamento

$n^\circ$  corsie = 2  
 b = 3.00 m Larghezza di ripartizione del carico come da Circolare 2/2/09 n.617  
 l = 2.20 m lunghezza di ripartizione del carico come da Circolare 2/2/09 n.617  
 $q_{1c'}$  = 90.91 kN/m<sup>2</sup> Carico tandem trasformato in carico distribuito  
 $q_{1csup}$  = 37.37 kN/m<sup>2</sup> Carico  $Q_{ik}$  distribuito sull'asse della soletta sup  
 $q_{1cinf}$  = 24.18 kN/m<sup>2</sup> Carico  $Q_{ik}$  distribuito sull'asse della soletta inf  
 $q_{1dsup}$  = 6.86 kN/m<sup>2</sup> Carico  $q_{ik}$  distribuito sull'asse della soletta sup  
 $q_{1dinf}$  = 5.46 kN/m<sup>2</sup> Carico  $q_{ik}$  distribuito sull'asse della soletta inf  
 $SQMS.P_{sup}$  = 16.81 kN/m Spinta a riposo (M1) sul piedritto sx in asse soletta superiore  
 $SQMS.P_{inf}$  = 11.27 kN/m Spinta a riposo (M1) sul piedritto sx in asse soletta inferiore

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		m	inferiore
SQMD.P <sub>sup</sub>	= -16.81	kN/m	Spinta a riposo (M1) sul piedritto dx in asse soletta superiore
SQMD.P <sub>inf</sub>	= -11.27	kN/m	Spinta a riposo (M1) sul piedritto dx in asse soletta inferiore
<u>Spinta della terra con <math>\phi_{ri}^1</math> - carico in avvicinamento</u>			
SQMSG.P <sub>sup</sub>	= 20.79	kN/m	Spinta a riposo (M2) sul piedritto sx in asse soletta superiore
SQMSG.P <sub>inf</sub>	= 13.94	kN/m	Spinta a riposo (M2) sul piedritto sx in asse soletta inferiore
SQMDG.P <sub>sup</sub>	= -20.79	kN/m	Spinta a riposo (M2) sul piedritto dx in asse soletta superiore
SQMDG.P <sub>inf</sub>	= -13.94	kN/m	Spinta a riposo (M2) sul piedritto dx in asse soletta inferiore
Azione frenante o accelerazione			
Q <sub>3</sub>	= 369.45	kN	Carico frenante
n°	= 1		Numero carreggiate
B <sub>t</sub>	= 20.90	m	Larghezza di diffusione trasversale azione di frenatura di calcolo
L <sub>1</sub>	= 3.48	m	Larghezza di diffusione longitudinale azione di frenatura
q <sub>3</sub>	= 5.47	kN/m <sup>2</sup>	Azione frenante di calcolo in direzione da destra a sinistra
FA02.q <sub>3</sub>	= 5.50	kN/m	Azione frenante di calcolo in direzione da sinistra a destra assunta
Azione centrifuga			
R	= 250.00	m	Raggio di curvatura
Q <sub>v</sub>	= 600.00	kN	Carico tandem della prima colonna di carico
Q <sub>4</sub>	= 96.00	kN	Azione centrifuga
B <sub>T</sub>	= 3.69	m	Larghezza di diffusione trasversale di calcolo
q <sub>4'</sub>	= 0.00	kN/m <sup>2</sup>	Azione centrifuga distribuita
q <sub>4</sub>	= 0.00	kN/m	Azione centrifuga di calcolo
Le sollecitazioni derivanti dall'azione centrifuga sono involuppate dalle azioni derivanti dall'azione di frenatura			
Azioni termiche			
TC01	= 10.00	°C	Carico termico uniforme sulla soletta superiore
TC02	= -10.00	°C	Carico termico uniforme sulla soletta superiore
TV01	= 5.00	°C	Carico termico a farfalla sulla soletta superiore e piedritti estradosso più caldo
TV02	= -5.00	°C	Carico termico a farfalla sulla soletta superiore e piedritti estradosso più freddo
Ritiro			
f <sub>ck</sub>	= 32.00		Resistenza caratteristica cilindrica della soletta superiore
U	= 0.70		Umidità
Ac	= 2.60		Area sezione trasversale tombino
u	= 73.15		Perimetro esposto all'aria
h <sub>o</sub>	= 0.07		2Ac/u
eco	= -		

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kh	=	0.00030	
		0.85	
ecd	=	0.00025	Deformazione per ritiro da essiccamento a tempo infinito
		5	
eca	=	0.00005	Deformazione per ritiro autogeno a tempo infinito
		5	
ecs	=	0.00031	Deformazione per ritiro totale a tempo infinito
		0	
Dtrit	=	-10	°C Variazione terica equivalente al ritiro
<b>Azione sismica</b>			
Cs	=	B	Categoria di sottosuolo
Ct	=	T1	Categoria topografica
Clu	=	4	Classe d'uso
Cu	=	2	Coefficiente d'uso
VN	=	50	anni Vita nominale
VR	=	100	anni Periodo di riferimento
T <sub>R</sub>	=	949	Periodo di ritorno
Lon	=	9.4700	° Longitudine
Lat	=	45.3280	° Latitudine
SL	=	SLV	Stato limite ultimo di salvaguardia della vita
a <sub>g</sub>	=	0.24	g Accelerazione del suolo
F <sub>0</sub>	=	2.445	Fattore di amplificazione dello spettro in accelerazione orizzontale
T <sub>c</sub> *	=	0.294	s Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale
Ss	=	1.17	Coeff di amplificazione stóratigrafico
a <sub>max</sub>	=	0.281	g Accelerazione massima attesa in sito
β <sub>m</sub>	=	1.00	Coeff riduttivo dell'accelerazione massima come da NTC2008
k <sub>h</sub>	=	0.281	Coeff sismico orizzontale come da NTC2008
k <sub>v</sub>	=	0.141	Coeff sismico verticale come da NTC2008
IS01.pie	=	1.76	kN/m Inerzia dei piedritti per sisma da sinistra a destra
IS01.sol+ric	=	10.19	kN/m Inerzia della soletta superiore e del ricoprimento per sisma da sinistra a destra
SSTS.qv	=	19.66	kN/m Sovrappinta sull'asse del piedritto sx
IS02.pie	=	0.89	kN/m Inerzia dei piedritti per sisma verticale
IS02.sol+ric	=	5.12	kN/m Inerzia della soletta superiore e del ricoprimento per sisma verticale

## 7.2 Massime sollecitazioni

Dall'analisi ad elementi finiti scaturiscono le seguenti sollecitazioni massime:  
**soletta superiore**

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		N	M	V
INVSTR	MX MAX [kNm]	0.00	93.21	194.00
INVSTR	MX MIN [kNm]	0.00	-74.59	194.00
INVSTR	VY MAX [kN]	0.00	-11.28	194.00
INVSIS	VY MIN [kN]	0.00	-37.47	51.86

INVSIS	MX MAX [kNm]	0.00	30.42	72.03
INVSIS	MX MIN [kNm]	0.00	-41.90	-10.35

INVRAR	MX MAX [kNm]	0.00	68.93	-
INVRAR	MX MIN [kNm]	0.00	-54.79	-

INVFRE	MX MAX [kNm]	0.00	58.47	-
INVFRE	MX MIN [kNm]	0.00	-46.20	-

INVQPE	MX MAX [kNm]	0.00	27.50	-
INVQPE	MX MIN [kNm]	0.00	-22.53	-

### soletta inferiore

		N	M	V
INVSTR	MX MAX [kNm]	0.00	75.07	160.79
INVSTR	MX MIN [kNm]	0.00	-90.02	160.79
INVSTR	VY MAX [kN]	0.00	64.73	160.79
INVSIS	VY MIN [kN]	0.00	24.40	50.03

INVSIS	MX MAX [kNm]	0.00	44.37	73.05
INVSIS	MX MIN [kNm]	0.00	-35.58	-19.95

INVRAR	MX MAX [kNm]	0.00	54.74	-
INVRAR	MX MIN [kNm]	0.00	-66.55	-

INVFRE	MX MAX [kNm]	0.00	47.24	-
INVFRE	MX MIN [kNm]	0.00	-57.61	-

INVQPE	MX MAX [kNm]	0.00	25.44	-
INVQPE	MX MIN [kNm]	0.00	-31.23	-

### Piedritti

#### sez sup

		N	M	V
STR114	N MAX [kN]	210.62	-84.00	38.86
SIS22	N MIN [kN]	56.09	-25.62	38.86
STR089	MX MAX [kNm]	58.60	-15.01	38.86
STR114	MX MIN [kNm]	210.09	-85.70	38.86
STR003	VY MAX [kN]	203.43	-72.49	38.86
STR001	VY MIN [kN]	80.58	-23.83	-0.69

SIS22	MX MAX [kNm]	56.42	-24.32	20.43
SIS14	MX MIN	74.80	-44.23	35.55

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[kNm]

**Piedritti  
sez inf**

STR079	N MAX [kN]	217.26	-67.89	56.94
SIS05	N MIN [kN]	53.14	-40.46	56.94
STR004	MX MAX [kNm]	210.07	-82.22	56.94
STR035	MX MIN [kNm]	68.41	-20.59	56.94
STR008	VY MAX [kN]	173.19	-77.64	56.94
STR031	VY MIN [kN]	184.72	-54.57	4.21

SIS10	MX MAX [kNm]	59.86	47.28	56.10
SIS23	MX MIN [kNm]	53.23	28.39	37.19

**Piedritti**

RAR069	N MAX [kN]	161.00	50.49	-
RAR068	N MIN [kN]	58.39	-17.67	-
RAR003	MX MAX [kNm]	156.13	60.01	-
RAR100	MX MIN [kNm]	155.17	-62.92	-

FRE26	N MAX [kN]	138.16	44.27	-
FRE25	N MIN [kN]	58.76	-18.94	-
FRE03	MX MAX [kNm]	134.16	52.09	-
FRE36	MX MIN [kNm]	131.54	-53.08	-

QPE04	N MAX [kN]	71.09	23.71	-
QPE04	N MIN [kN]	57.66	-17.49	-
QPE10	MX MAX [kNm]	68.27	28.98	-
QPE14	MX MIN [kNm]	60.93	-25.58	-

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Le verifiche strutturali vengono effettuate sugli elementi 30-31-45-46-1-24-18-36-40 per quanto riguarda le sollecitazioni di flessione e 34-42-22-3 per quanto riguarda le sollecitazioni di taglio.

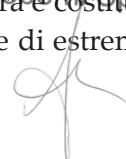
### 7.3 Verifiche di resistenza e fessurazione

Si riportano di seguito le verifiche di resistenza e fessurazione per le sezioni scelte quali caratteristiche della struttura.

#### 7.3.1 Soletta superiore – sezione di incastro

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da  $\phi 12/20 + \phi 14/20$  al lembo superiore e  $\phi 12/20$  al lembo inferiore. In ciascuna sezione di estremità si dispone armatura a taglio in ragione di 1 ferro piegato  $\phi 14/20$  e 3 staffe  $\phi 12$ .

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Si precisa che:

- i ferri piegati  $\Phi 14$  forniscono 5 bracci resistenti a taglio in 1 metro di scatolare;
- le 3 staffe  $\Phi 12$  forniscono  $3 \times 5 = 15$  bracci resistenti a taglio in 1 metro di scatolare;

La quantità  $s$  indicata nelle verifiche fa riferimento alla lunghezza dell'area di taglio, zona in cui la sollecitazione tagliante agente supera la sollecitazione tagliante portata dalla sola resistenza a trazione del calcestruzzo.

La verifica a taglio è effettuata controllando che il diagramma del taglio resistente copra interamente il diagramma dello scorrimento :

$$Q = ((x1-x2) * (V1-V2) / 2) / z$$

dove:

$s = x1-x2 =$  lunghezza dell'area di taglio

$V1-V2 =$  differenza tra il taglio sollecitante e il massimo taglio resistente dovuto alla sola resistenza a trazione del calcestruzzo

$z =$  braccio della coppia interna della sezione in progetto

#### Calcestruzzo

Classe	=	C32/40		
Rck	≥	40	MPa	Valore caratteristico resistenza cubica
fck	=	33.2	MPa	Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa	Valore medio resistenza cilindrica
fctm	=	3.10	MPa	Valore medio resistenza a trazione semplice
fcfm	=	3.72	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	33643	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa	Resistenza di calcolo a compressione
fctd	=	1.45	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
---	---	----	--	----------------------------------

#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
fyk nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
ftk nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
Es	=	210000	MPa	Modulo elastico
fyd	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza

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A cls = 2500 cmq area di cls

### Sistema di armatura per sollecitazioni $M_X-V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_X$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_X$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As'2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	13.35	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$  = 45 ° Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

$\alpha$  = 90 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 15

$\varphi 1$  = 12 mm Diametro staffe primo ordine

s = 700 mm Passo delle staffe

Asw 2° ordine:

$\alpha$  = 45 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 5

$\varphi 2$  = 14 mm Diametro staffe secondo ordine

s = 700 mm Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio NON si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$V_{Sd Y}$  = 194 kN Massima azione di taglio agente sulla sezione

$V_{Rd Y}$  = 266 kN Risorsa resistente a taglio della sezione

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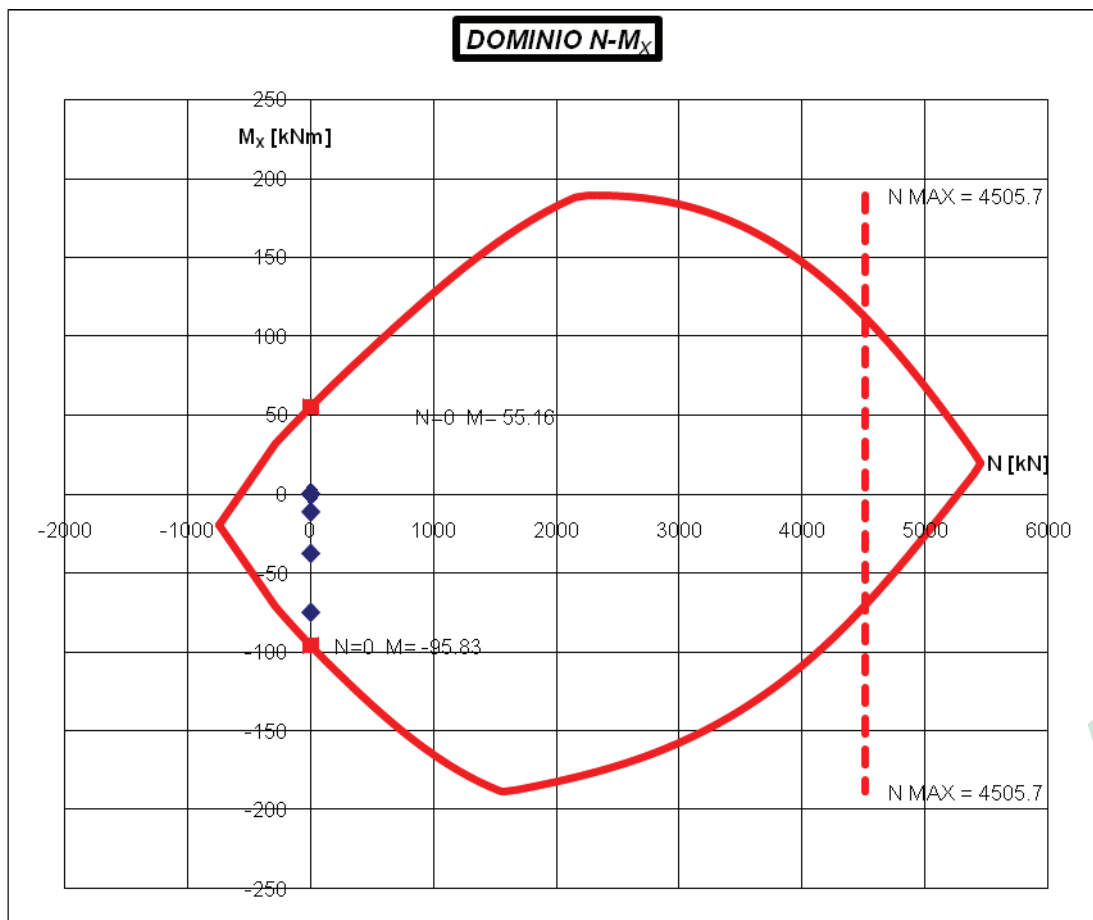
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SF = 1.37 [-] Coefficiente di sicurezza per sollecitazione  $V_Y$   
La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

**Combinazioni di carico e verifica a pressoflessione retta**

n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	N+MX
							SF
INVSTR	MX MIN [kNm]		-74.6	194.0			<b>1.28</b>
INVSTR	VY MAX [kN]		-11.3	194.0			<b>8.49</b>
INVSIS	VY MIN [kN]		-37.5	51.9			<b>2.56</b>



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**Caratteristiche dei materiali**

Rck	=	40	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	33643	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				tipo di acciaio
Es	=	21000	MPa	modulo elastico dell'acciaio
n	=	0	MPa	coefficiente di omogeneizzazione
		15		

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### Tensioni ammissibili

sigma c amm	=	12.25	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	3.10	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.72	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.20	MPa	tensione tangenziale di aderenza delle barre

### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls
Armatura in zona tesa				
d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	13.35	cmq	area acciaio in zona tesa
Armatura in zona compressa				
d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa
Sezione ideale interamente reagente				

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omogeneizzata a cls

$A_i$	=	2785	cmq	area
$S^*i$ sup	=	35483	cmc	momento statico superiore
$y_{gi}$ sup	=	12.74	cm	posizione del baricentro rispetto alla fibra superiore
		13983		
$J_i$	=	7	cm <sup>4</sup>	momento d'inerzia
$W_i$ sup	=	10976	cmc	momento resistente superiore
$W_i$ inf	=	11406	cmc	momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC4 classe di esposizione del sito

Condizioni ambientali: Aggressive

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.


La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
$\sigma_c$ Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
$\sigma_c$ Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
$\sigma_s$	≤	360.0	MPa	tensione limite per l'acciaio di armatura
$c'$	=	5.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	14	mm	diametro massimo dell'armatura in zona tesa
d min	=	12	mm	diametro minimo dell'armatura in zona tesa
c	=	6.00	cm	copriferro armatura in zona tesa
dist	=	0.10	cm	distanza fra le file di barre in zona tesa

	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	[mm]	[mm]	
COMBO	N	$M_x$	$\sigma_c$ max	$\sigma_s$ max	$\sigma_s$ min	$\sigma_s'$ max	$\sigma_s'$ min	M f	?	wk'
INVSIS	0.0	41.9	7.64	196.4	194.7	-3.1	-3.1	35.36	NO	-

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	Doc. N.	CODIFICA DOCUMENTO	REV.	FOGLIO
	60234-00000-A00.doc	04RCDII100000000000100A00	00	55 di 521

INVRAR	0.0	54.8	10.00	256.9	254.7	-4.0	-4.0	35.36	NO	-
INVFRE	0.0	46.2	-	-	-	-	-	35.36	NO	0.14 5
INVQPE	0.0	22.5	4.11	105.7	104.8	-1.7	-1.7	35.36	SI	OK

### 7.3.2 Soletta superiore – sezione di mezzeria

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da  $\phi 12/20$  al lembo superiore e  $\phi 12/20 + \phi 14/20$  al lembo inferiore.

#### Calcestruzzo

Classe	=	C32/40		
Rck	$\geq$	40	MPa	Valore caratteristico resistenza cubica
fck	=	33.2	MPa	Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa	Valore medio resistenza cilindrica
fctm	=	3.10	MPa	Valore medio resistenza a trazione semplice
fcfm	=	3.72	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	33643	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa	Resistenza di calcolo a compressione
fctd	=	1.45	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
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#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
fyk nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
ftk nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
Es	=	210000	MPa	Modulo elastico
fyd	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls			
B	=	100	cm base
H	=	25	cm altezza
A cls	=	2500	cmq area di cls

#### Sistema di armatura per sollecitazioni $M_x-V_y$

Armatura longitudinale inferiore (per sollecitazione  $M_x$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila

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As2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	13.35	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_X$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
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Asw 1° ordine:

$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
----------	---	---	---	--

n° bracci	=	0
-----------	---	---

$\varphi 1$	=	0	mm	Diametro staffe primo ordine
-------------	---	---	----	------------------------------

s	=	0	mm	Passo delle staffe
---	---	---	----	--------------------

Asw 2° ordine:

$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
----------	---	---	---	--

n° bracci	=	0
-----------	---	---

$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
-------------	---	---	----	--------------------------------

s	=	0	mm	Passo delle staffe
---	---	---	----	--------------------

**Verifica a taglio della sezione maggiormente sollecitata**

( $V_Y$ ):

Nella verifica a taglio si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$V_{SdY}$	=	13	kN	Massima azione di taglio agente sulla sezione
-----------	---	----	----	---

$V_{RdY}$	=	130	kN	Risorsa resistente a taglio della sezione
-----------	---	-----	----	---

SF	=	10.16	[-]	Coefficiente di sicurezza per sollecitazione $V_Y$
----	---	-------	-----	--

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

**Combinazioni di carico e verifica a pressoflessione retta**

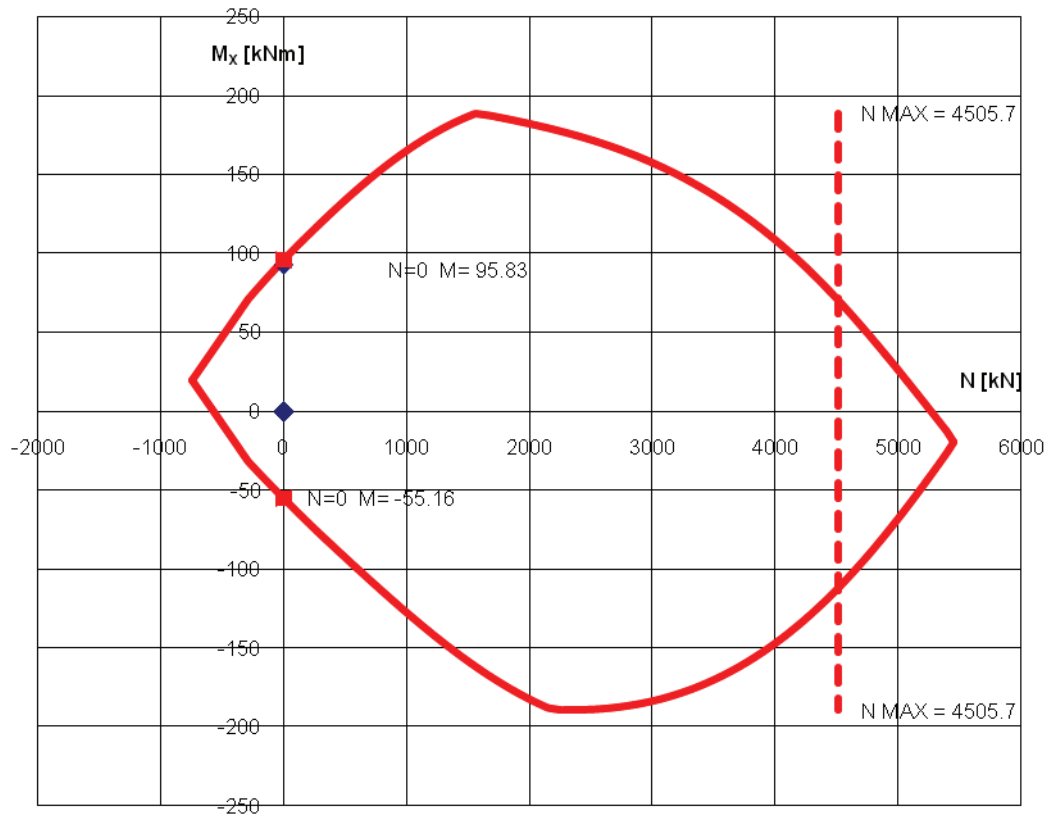
							N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	SF
INVSTR	MX MAX [kNm]		93.2	12.8			<b>1.03</b>

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**DOMINIO N-M<sub>x</sub>**



**Caratteristiche dei materiali**

Rck	=	40	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	33643	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

**Tensioni ammissibili**

sigma c amm	=	12.25	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	3.10	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.72	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.20	MPa	tensione tangenziale di aderenza delle barre

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### Caratteristiche geometriche

Sezione di cls

B = 100 cm base  
H = 25 cm altezza

A cls = 2500 cmq area di cls

Armatura in zona tesa

d1 = 12 mm diametro ferri prima fila  
c1 = 6.00 cm copriferro ferri prima fila  
i1 = 20.00 cm interasse ferri prima fila  
As1 = 5.65 cmq area acciaio ferri prima fila  
d2 = 14 mm diametro ferri seconda fila  
c2 = 6.00 cm copriferro ferri seconda fila  
i2 = 20.00 cm interasse ferri seconda fila  
As2 = 7.70 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As3 = 0.00 cmq area acciaio ferri terza fila  
As = 13.35 cmq area acciaio in zona tesa

Armatura in zona compressa

d1 = 12 mm diametro ferri prima fila  
c1 = 6.00 cm copriferro ferri prima fila  
i1 = 20.00 cm interasse ferri prima fila  
As'1 = 5.65 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As'2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As'3 = 0.00 cmq area acciaio ferri terza fila  
area di acciaio in zona compressa

Sezione ideale interamente reagente omogeneizzata a cls

Ai = 2785 cmq area  
S\*i sup = 35483 cmc momento statico superiore  
posizione del baricentro rispetto alla fibra superiore  
ygi sup = 12.74 cm  
13983  
Ji = 7 cm^4 momento d'inerzia  
Wi sup = 10976 cmc momento resistente superiore  
Wi inf = 11406 cmc momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC4 classe di esposizione del sito  
Condizioni ambientali: Aggressive  
Armature poco sensibili alla corrosione.

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La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.3	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.2	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura
c'	=	6.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	14	mm	diametro massimo dell'armatura in zona tesa
d min	=	12	mm	diametro minimo dell'armatura in zona tesa
c	=	6.00	cm	copriferro armatura in zona tesa
dist	=	0.10	cm	distanza fra le file di barre in zona tesa

	[kN]		Verifica tensioni in esercizio					Verifica fessurazione		
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	Mf > M ?	[mm]
COMBO	N	M <sub>x</sub>	σc max	σs max	σs min	σs' max	σs' min	M f	Mf > M ?	wk'
INVSIS	0.0	30.4	5.55	142.6	141.4	-2.2	-2.2	35.36	SI	-
INVRAR	0.0	68.9	12.58	323.2	320.4	-5.1	-5.1	35.36	NO	-
INVFRE	0.0	58.5	-	-	-	-	-	35.36	NO	0.28
INVQPE	0.0	27.5	5.02	128.9	127.8	-2.0	-2.0	35.36	SI	OK

### 7.3.3 Soletta inferiore – sezione di incastro

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da  $\phi 12/20 + \phi 14/20$  al lembo inferiore e  $\phi 12/20$  al lembo superiore. In ciascuna sezione di estremità si dispone armatura a taglio in ragione di 1 ferro piegato  $\phi 14/20$  e 3 staffe  $\phi 12$ .

Si precisa che:

- i ferri piegati  $\Phi 14$  forniscono 5 bracci resistenti a taglio in 1 metro di scatolare;
- le 3 staffe  $\Phi 12$  forniscono  $3 \cdot 5 = 15$  bracci resistenti a taglio in 1 metro di scatolare;

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La quantità  $s$  indicata nelle verifiche fa riferimento alla lunghezza dell'area di taglio, zona in cui la sollecitazione tagliante agente supera la sollecitazione tagliante portata dalla sola resistenza a trazione del calcestruzzo.

La verifica a taglio è effettuata controllando che il diagramma del taglio resistente copra interamente il diagramma dello scorrimento :

$$Q = ((x_1 - x_2) * (V_1 - V_2) / 2) / z$$

dove:

$s = x_1 - x_2$  = lunghezza dell'area di taglio

$V_1 - V_2$  = differenza tra il taglio sollecitante e il massimo taglio resistente dovuto alla sola resistenza a trazione del calcestruzzo

$z$  = braccio della coppia interna della sezione in progetto

### Calcestruzzo

Classe	=	C28/35		
Rck	≥	35	MPa	Valore caratteristico resistenza cubica
fck	=	29.05	MPa	Valore caratteristico resistenza cilindrica
fcm	=	37.05	MPa	Valore medio resistenza cilindrica
fctm	=	2.83	MPa	Valore medio resistenza a trazione semplice
fcfm	=	3.40	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	32588	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	16.46	MPa	Resistenza di calcolo a compressione
fctd	=	1.32	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

$n$	=	15		Coefficiente di omogeneizzazione
-----	---	----	--	----------------------------------

### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
$f_{yk}$ nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
$f_{tk}$ nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
$E_s$	=	210000	MPa	Modulo elastico
$f_{yd}$	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza

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A cls = 2500 cmq area di cls

### Sistema di armatura per sollecitazioni $M_x$ -

$V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_x$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
				area acciaio ferri seconda
As2	=	7.70	cmq	fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	13.35	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_x$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
				area acciaio ferri seconda
As'2	=	0.00	cmq	fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$  = 45 ° Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

$\alpha$  = 90 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 15

$\varphi 1$  = 12 mm Diametro staffe primo ordine

s = 950 mm Passo delle staffe

Asw 2° ordine:

$\alpha$  = 45 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 5

$\varphi 2$  = 14 mm Diametro staffe secondo ordine

s = 950 mm Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla

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sezione.

Nella verifica a taglio NON si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

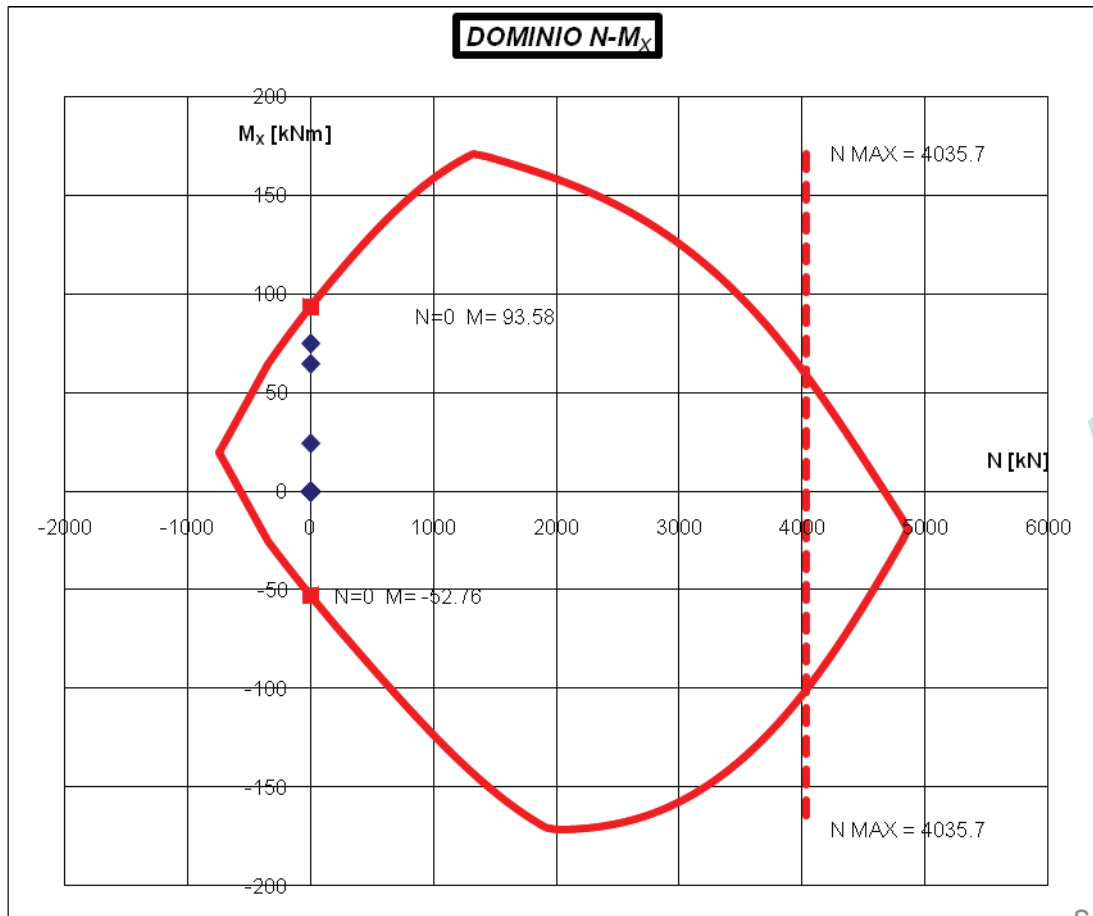
Nella sezione sono previste armature trasversali resistenti a sollecitazioni di taglio.

$$\begin{aligned}
 V_{SdY} &= 186 \text{ kN} && \text{Massima azione di taglio agente sulla sezione} \\
 V_{RdY} &= 196 \text{ kN} && \text{Risorsa resistente a taglio della sezione} \\
 SF &= 1.05 [-] && \text{Coefficiente di sicurezza per sollecitazione } V_Y
 \end{aligned}$$

La verifica a taglio per sollecitazione VY è soddisfatta.

### Combinazioni di carico e verifica a pressoflessione retta

n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	N+MX
							SF
INVSTR	MX MAX [kNm]		75.1	186.0			<b>1.25</b>
INVSTR	VY MAX [kN]		64.7	186.0			<b>1.45</b>
INVSIS	VY MIN [kN]		24.4	50.0			<b>3.84</b>



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**Caratteristiche dei materiali**

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Rck	=	35	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	32588	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				tipo di acciaio
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione
<b>Tensioni ammissibili</b>				
sigma c amm	=	11.00	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.67	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	1.97	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	2.83	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.40	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.00	MPa	tensione tangenziale di aderenza delle barre
<b>Caratteristiche geometriche</b>				
Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls
Armatura in zona tesa				
d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	13.35	cmq	area acciaio in zona tesa
Armatura in zona compressa				
d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila

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i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diámetro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
				area di acciaio in zona compressa
Sezione ideale interamente reagente omogeneizzata a cls				
Ai	=	2785	cmq	area
S*i sup	=	35483	cmc	momento statico superiore
				posizione del baricentro rispetto alla fibra superiore
ygi sup	=	12.74	cm	
		13983		
Ji	=	7	cm <sup>4</sup>	momento d'inerzia
Wi sup	=	10976	cmc	momento resistente superiore
Wi inf	=	11406	cmc	momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali:

Ordinarie

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.


La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
				apertura limite delle fessure per le combinazioni Quasi Permanente
wd - Q.P.	≤	0.3	mm	tensione limite nel calcestruzzo per le combinazioni Rara
σc Rara	≤	17.4	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σc Q.P.	≤	13.1	MPa	tensione limite per l'acciaio di armatura
σs	≤	360.0	MPa	copriferro minimo da normativa per armatura in zona tesa
c'	=	6.0	cm	
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	14	mm	diámetro massimo dell'armatura in zona tesa
d min	=	12	mm	diámetro minimo dell'armatura in zona tesa

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c = 6.00 cm copriferro armatura in zona tesa  
 dist = 0.10 cm distanza fra le file di barre in zona tesa

	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]		[mm]
COMBO	N	M <sub>x</sub>	σ <sub>c</sub> max	σ <sub>s</sub> max	σ <sub>s</sub> min	σ <sub>s</sub> ' max	σ <sub>s</sub> ' min	M f	Mf > M ?	wk'
INVSIS	0.0	44.4	8.10	208.0	206.2	-3.3	-3.3	32.28	NO	-
INVRAR	0.0	54.7	9.99	256.7	254.4	-4.0	-4.0	32.28	NO	-
INVFRE	0.0	47.2	-	-	-	-	-	32.28	NO	0.20 5
INVQPE	0.0	25.4	4.64	119.3	118.3	-1.9	-1.9	32.28	SI	OK

### 7.3.4 Soletta inferiore – sezione di mezzzeria

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da φ12/20 + φ14/20 al lembo superiore e φ12/20 al lembo inferiore.

#### Calcestruzzo

Classe	=	C28/35		
R <sub>ck</sub>	≥	35	MPa	Valore caratteristico resistenza cubica
f <sub>ck</sub>	=	29.05	MPa	Valore caratteristico resistenza cilindrica
f <sub>cm</sub>	=	37.05	MPa	Valore medio resistenza cilindrica
f <sub>ctm</sub>	=	2.83	MPa	Valore medio resistenza a trazione semplice
f <sub>cfm</sub>	=	3.40	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
E <sub>cm</sub>	=	32588	MPa	Modulo elastico
γ <sub>c</sub>	=	1.5		Coefficiente parziale di sicurezza
α <sub>cc</sub>	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
f <sub>cd</sub>	=	16.46	MPa	Resistenza di calcolo a compressione
f <sub>ctd</sub>	=	1.32	MPa	Resistenza di calcolo a trazione
ε <sub>cu</sub>	=	0.0035		Deformazione a rottura per il calcestruzzo
ε <sub>c0</sub>	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15	Coefficiente di omogeneizzazione
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#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
f <sub>yk</sub> nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
f <sub>tk</sub> nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ <sub>s</sub>	=	1.15		Coefficiente parziale di sicurezza
E <sub>s</sub>	=	210000	MPa	Modulo elastico
f <sub>yd</sub>	=	391.3	MPa	Resistenza di calcolo
ε <sub>su</sub>	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A <sub>cls</sub>	=	2500	cmq	area di cls

#### Sistema di armatura per sollecitazioni M<sub>x</sub>-V<sub>y</sub>

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**Armatura longitudinale inferiore (per sollecitazione  $M_x$** 

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

**Armatura longitudinale superiore (per sollecitazione  $M_x$** 

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As'2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	13.35	cmq	area di acciaio in zona compressa

**Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )**

$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
Asw 1° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 1$	=	0	mm	Diametro staffe primo ordine
s	=	0	mm	Passo delle staffe
Asw 2° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
s	=	0	mm	Passo delle staffe

**Verifica a taglio della sezione maggiormente sollecitata**

 ( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio NON si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$V_{Sd Y}$	=	42	kN	Massima azione di taglio agente sulla sezione
$V_{Rd Y}$	=	101	kN	Risorsa resistente a taglio della sezione
SF	=	2.41	[-]	Coefficiente di sicurezza per sollecitazione $V_Y$

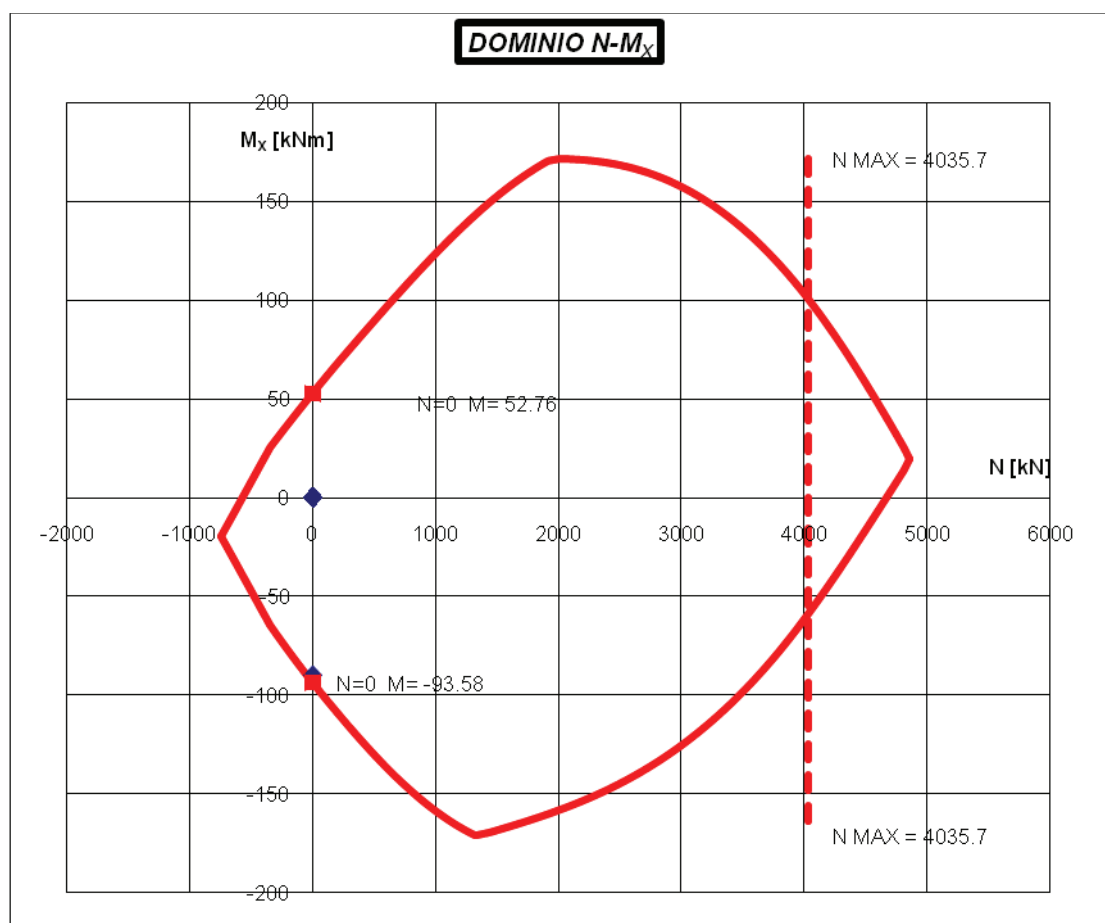
 La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

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**Combinazioni di carico e verifica a pressoflessione retta**

n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	N+MX
							SF
INVSTR	MX MAX [kNm]		-90.0	42.0			<b>1.04</b>



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**Caratteristiche dei materiali**

Rck	=	35	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	32588	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				tipo di acciaio
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

**Tensioni ammissibili**

sigma c amm	=	11.00	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.67	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura

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tau c1	=	1.97	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	2.83	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.40	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.00	MPa	tensione tangenziale di aderenza delle barre

### Caratteristiche geometriche

Sezione di cls

B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

Armatura in zona tesa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	13.35	cmq	area acciaio in zona tesa

Armatura in zona compressa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Sezione ideale interamente reagente omogeneizzata a cls

Ai	=	2785	cmq	area
S*i sup	=	35483	cmc	momento statico superiore
ygi sup	=	12.74	cm	posizione del baricentro rispetto alla fibra superiore
Ji	=	13983	cm <sup>4</sup>	momento d'inerzia

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 Wi sup = 10976 cmc momento resistente superiore  
 Wi inf = 11406 cmc momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali:

Ordinarie

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.3	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	17.4	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	13.1	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura
c'	=	6.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	14	mm	diametro massimo dell'armatura in zona tesa
d min	=	12	mm	diametro minimo dell'armatura in zona tesa
c	=	6.00	cm	copriferro armatura in zona tesa
dist	=	0.10	cm	distanza fra le file di barre in zona tesa

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	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]		[mm]
COMBO	N	M <sub>x</sub>	σ <sub>c</sub> max	σ <sub>s</sub> max	σ <sub>s</sub> min	σ <sub>s</sub> ' max	σ <sub>s</sub> ' min	M f	Mf > M ?	wk'
INVSIS	0.0	35.6	6.49	166.8	165.4	-2.6	-2.6	32.28	NO	-
INVRAR	0.0	66.6	12.14	312.1	309.4	-4.9	-4.9	32.28	NO	-
INVFRE	0.0	57.6	-	-	-	-	-	32.28	NO	0.29
INVQPE	0.0	31.2	5.70	146.4	145.2	-2.3	-2.3	32.28	SI	OK

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### 7.3.5 Piedritto – sezione di incastro inferiore

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da  $\phi 12/20 + \phi 14/20$  controterra e  $\phi 12/20$  interni.

#### Calcestruzzo

Classe	=	C32/40		
Rck	≥	40	MPa	Valore caratteristico resistenza cubica
fck	=	33.2	MPa	Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa	Valore medio resistenza cilindrica
fctm	=	3.10	MPa	Valore medio resistenza a trazione semplice
fctm	=	3.72	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	33643	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa	Resistenza di calcolo a compressione
fctd	=	1.45	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
---	---	----	--	----------------------------------

#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
fyk nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
ftk nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
Es	=	210000	MPa	Modulo elastico
fyd	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

#### Sistema di armatura per sollecitazioni $M_X - V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_X$  positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila

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As	=	5.65	cmq	area acciaio in zona tesa
Armatura longitudinale superiore (per sollecitazione $M_X$ positiva)				
d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	14	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As'2	=	7.70	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	13.35	cmq	area di acciaio in zona compressa
Armatura trasversale, staffe e/o ferri piegati (per sollecitazione $V_Y$ )				
$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
Asw 1° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 1$	=	0	mm	Diametro staffe primo ordine
s	=	0	mm	Passo delle staffe
Asw 2° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
s	=	0	mm	Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata ( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio NON si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$$V_{SdY} = 57 \text{ kN} \quad \text{Massima azione di taglio agente sulla sezione}$$

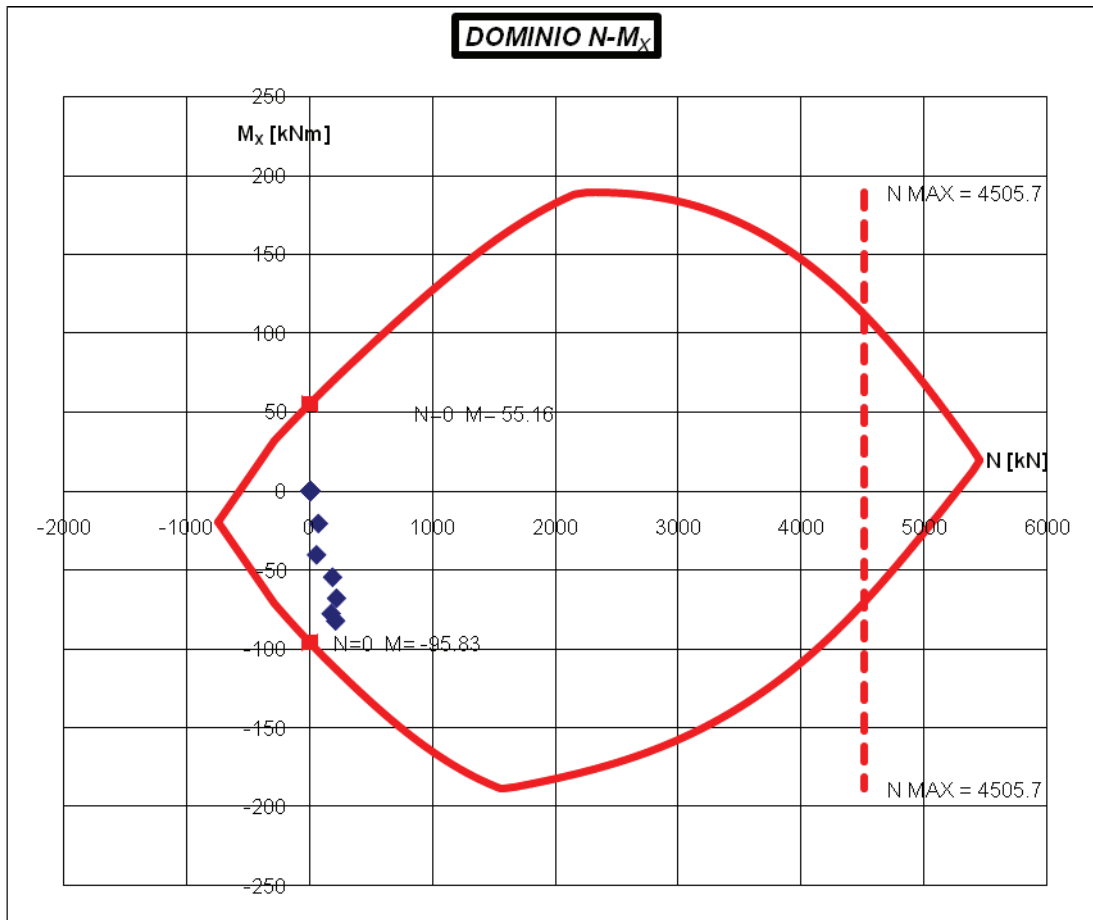
$$V_{RdY} = 108 \text{ kN} \quad \text{Risorsa resistente a taglio della sezione}$$

$$SF = 1.90 \quad [-] \quad \text{Coefficiente di sicurezza per sollecitazione } V_Y$$

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

### Combinazioni di carico e verifica a pressoflessione retta

n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	N+MX
STR079	N MAX [kN]	217.3	-67.9	56.9			<b>1.66</b>
SIS05	N MIN [kN]	53.1	-40.5	56.9			<b>2.48</b>
STR004	MX MAX [kNm]	210.1	-82.2	56.9			<b>1.37</b>
STR035	MX MIN [kNm]	68.4	-20.6	56.9			<b>4.92</b>
STR008	VY MAX [kN]	173.2	-77.6	56.9			<b>1.41</b>
STR031	VY MIN [kN]	184.7	-54.6	4.2			<b>2.02</b>



### Caratteristiche dei materiali

Rck	=	40	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	33643	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				tipo di acciaio
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

### Tensioni ammissibili

sigma c amm	=	12.25	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	3.10	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.72	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.20	MPa	tensione tangenziale di aderenza delle barre

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### Caratteristiche geometriche

Sezione di cls

 B = 100 cm base  
 H = 25 cm altezza

A cls = 2500 cmq area di cls

Armatura in zona tesa

 d1 = 12 mm diametro ferri prima fila  
 c1 = 6.00 cm copriferro ferri prima fila  
 i1 = 20.00 cm interasse ferri prima fila  
 As1 = 5.65 cmq area acciaio ferri prima fila  
 d2 = 14 mm diametro ferri seconda fila  
 c2 = 6.00 cm copriferro ferri seconda fila  
 i2 = 20.00 cm interasse ferri seconda fila  
 As2 = 7.70 cmq area acciaio ferri seconda fila  
 d3 = 0 mm diametro ferri terza fila  
 c3 = 0.00 cm copriferro ferri terza fila  
 i3 = 0.00 cm interasse ferri terza fila  
 As3 = 0.00 cmq area acciaio ferri terza fila  
 As = 13.35 cmq area acciaio in zona tesa

Armatura in zona compressa

 d1 = 12 mm diametro ferri prima fila  
 c1 = 6.00 cm copriferro ferri prima fila  
 i1 = 20.00 cm interasse ferri prima fila  
 As'1 = 5.65 cmq area acciaio ferri prima fila  
 d2 = 0 mm diametro ferri seconda fila  
 c2 = 0.00 cm copriferro ferri seconda fila  
 i2 = 0.00 cm interasse ferri seconda fila  
 As'2 = 0.00 cmq area acciaio ferri seconda fila  
 d3 = 0 mm diametro ferri terza fila  
 c3 = 0.00 cm copriferro ferri terza fila  
 i3 = 0.00 cm interasse ferri terza fila  
 As'3 = 0.00 cmq area acciaio ferri terza fila  
 area di acciaio in zona compressa  
 As' = 5.65 cmq

Sezione ideale interamente reagente omogeneizzata a cls

 Ai = 2785 cmq area  
 S\*i sup = 35483 cmc momento statico superiore  
 posizione del baricentro rispetto alla fibra superiore  
 ygi sup = 12.74 cm  
 13983  
 Ji = 7 cm<sup>4</sup> momento d'inerzia  
 Wi sup = 10976 cmc momento resistente superiore  
 Wi inf = 11406 cmc momento resistente inferiore

### Caratteristiche di esposizione

 Classe = XC4 classe di esposizione del sito  
 Condizioni ambientali: Aggressive  
 Armature poco sensibili alla corrosione.

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La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd -

Frequente  $\leq 0.3$  mm apertura limite delle fessure per le combinazioni Frequente  
apertura limite delle fessure per le combinazioni Quasi

wd - Q.P.  $\leq 0.2$  mm Permanente

$\sigma_c$  Rara  $\leq 19.9$  MPa tensione limite nel calcestruzzo per le combinazioni Rara

$\sigma_c$  Q.P.  $\leq 14.9$  MPa tensione limite nel calcestruzzo per le combinazioni Quasi Permanente

$\sigma_s$   $\leq 360.0$  MPa tensione limite per l'acciaio di armatura  
copriferro minimo da normativa per armatura in

$c'$  = 6.0 cm zona tesa

beta = 1.7

beta 1 = 1.0

beta 2 = 0.5 1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici

k 2 = 0.4 0,4 barre ad aderenza

k 3 = 0.125 migliorata  
0,125 asse neutro all'interno della sezione

num s = 10.0 numero di ferri in zona tesa  
passo dell'armatura in zona

s = 10.00 cm tesa  
diametro massimo dell'armatura in zona

d max = 14 mm tesa  
diametro minimo dell'armatura in zona

d min = 12 mm tesa  
copriferro armatura in zona

c = 6.00 cm tesa

dist = 0.10 cm distanza fra le file di barre in zona tesa

COMBO	[kN]		Verifica tensioni in esercizio					Verifica fessurazione		
	N	$M_x$	$\sigma_c$ max	$\sigma_s$ max	$\sigma_s$ min	$\sigma_s'$ max	$\sigma_s'$ min	M f	Mf > M ?	wk'
SIS10	59.9	47.3	8.61	196.6	194.8	-12.3	-12.3	37.29	NO	-
SIS23	53.2	28.4	5.16	110.9	109.9	-9.8	-9.8	38.30	SI	-
RAR069	161.0	50.5	9.10	170.5	168.8	-26.4	-26.4	40.67	NO	-
RAR003	156.1	60.0	10.86	216.7	214.6	-26.7	-26.7	39.58	NO	-
FRE26	138.2	44.3	-	-	-	-	-	40.54	NO	0.083
FRE03	134.2	52.1	-	-	-	-	-	39.53	NO	0.152
QPE04	71.1	23.7	4.28	81.8	81.0	-11.8	-11.8	40.31	SI	OK
QPE10	68.3	29.0	5.25	107.5	106.5	-11.9	-11.9	39.14	SI	OK

### 7.3.6 Piedritto – sezione di incastro superiore

La sezione di verifica ha dimensioni 100 cm di larghezza e 25 cm di altezza. L'armatura è costituita da  $\phi 12/20 + \phi 12/20$  controterra e  $\phi 12/20$  interni.

#### Calcestruzzo

Classe	=	C32/40		
Rck	≥	40	MPa	Valore caratteristico resistenza cubica
fck	=	33.2	MPa	Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa	Valore medio resistenza cilindrica
fctm	=	3.10	MPa	Valore medio resistenza a trazione semplice
fcfm	=	3.72	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	33643	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa	Resistenza di calcolo a compressione
fctd	=	1.45	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
---	---	----	--	----------------------------------

#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
f <sub>yk</sub> nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
f <sub>tk</sub> nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
E <sub>s</sub>	=	210000	MPa	Modulo elastico
f <sub>yd</sub>	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

#### Sistema di armatura per sollecitazioni M<sub>x</sub>-V<sub>y</sub>

Armatura longitudinale inferiore (per sollecitazione M<sub>x</sub> positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione M<sub>x</sub>)

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positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	12	mm	diametro ferri seconda fila
c2	=	6.00	cm	copriferro ferri seconda fila
i2	=	20.00	cm	interasse ferri seconda fila
As'2	=	5.65	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	11.31	cmq	area di acciaio in zona compressa

 Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
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Asw 1° ordine:

$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
----------	---	---	---	--

n° bracci	=	0		
-----------	---	---	--	--

$\varphi 1$	=	0	mm	Diametro staffe primo ordine
-------------	---	---	----	------------------------------

s	=	0	mm	Passo delle staffe
---	---	---	----	--------------------

Asw 2° ordine:

$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
----------	---	---	---	--

n° bracci	=	0		
-----------	---	---	--	--

$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
-------------	---	---	----	--------------------------------

s	=	0	mm	Passo delle staffe
---	---	---	----	--------------------

### Verifica a taglio della sezione maggiormente sollecitata

**( $V_Y$ ):**

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio NON si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$V_{SdY}$	=	39	kN	Massima azione di taglio agente sulla sezione
-----------	---	----	----	---

$V_{RdY}$	=	108	kN	Risorsa resistente a taglio della sezione
-----------	---	-----	----	---

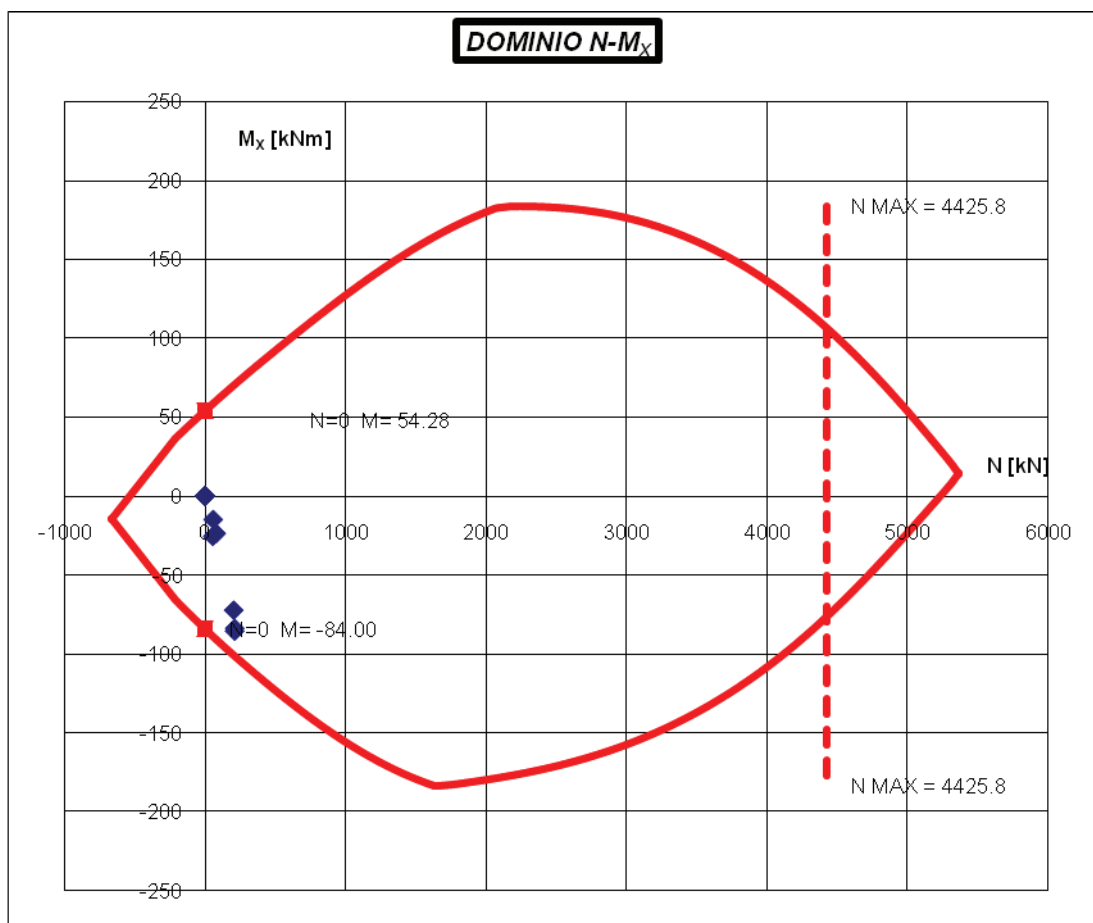
SF	=	2.79	[-]	Coefficiente di sicurezza per sollecitazione $V_Y$
----	---	------	-----	--

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

### Combinazioni di carico e verifica a pressoflessione retta

							N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	SF
STR114	N MAX [kN]	210.6	-84.0	38.9			<b>1.20</b>
SIS22	N MIN [kN]	56.1	-25.6	38.9			<b>3.46</b>
STR089	MX MAX [kNm]	58.6	-15.0	38.9			<b>5.92</b>
STR114	MX MIN [kNm]	210.1	-85.7	38.9			<b>1.18</b>
STR003	VY MAX [kN]	203.4	-72.5	38.9			<b>1.39</b>
STR001	VY MIN [kN]	80.6	-23.8	-0.7			<b>3.81</b>

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### Caratteristiche dei materiali

Rck	=	40	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	33643	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

### Tensioni ammissibili

sigma c amm	=	12.25	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	3.10	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.72	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.20	MPa	tensione tangenziale di aderenza delle

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barre

**Caratteristiche  
geometriche**

Sezione di cls

 B = 100 cm base  
 H = 25 cm altezza

 A cls = 2500 cmq area di  
 cls

 Armatura in zona  
tesa

 d1 = 12 mm diametro ferri prima fila  
 c1 = 6.00 cm copriferro ferri prima fila  
 i1 = 20.00 cm interasse ferri prima fila  
 As1 = 5.65 cmq area acciaio ferri prima fila  
 d2 = 12 mm diametro ferri seconda fila  
 c2 = 6.00 cm copriferro ferri seconda fila  
 i2 = 20.00 cm interasse ferri seconda fila  
 As2 = 5.65 cmq area acciaio ferri seconda fila  
 d3 = 0 mm diametro ferri terza fila  
 c3 = 0.00 cm copriferro ferri terza fila  
 i3 = 0.00 cm interasse ferri terza fila  
 As3 = 0.00 cmq area acciaio ferri terza fila  
 As = 11.31 cmq area acciaio in zona tesa

Armatura in zona compressa

 d1 = 12 mm diametro ferri prima fila  
 c1 = 6.00 cm copriferro ferri prima fila  
 i1 = 20.00 cm interasse ferri prima fila  
 As'1 = 5.65 cmq area acciaio ferri prima fila  
 d2 = 0 mm diametro ferri seconda fila  
 c2 = 0.00 cm copriferro ferri seconda fila  
 i2 = 0.00 cm interasse ferri seconda fila  
 As'2 = 0.00 cmq area acciaio ferri seconda fila  
 d3 = 0 mm diametro ferri terza fila  
 c3 = 0.00 cm copriferro ferri terza fila  
 i3 = 0.00 cm interasse ferri terza fila  
 As'3 = 0.00 cmq area acciaio ferri terza fila  
 area di acciaio in zona  
 compressa  
 As' = 5.65 cmq

 Sezione ideale interamente reagente  
omogeneizzata a cls

 Ai = 2754 cmq area  
 S\*i sup = 34931 cmc momento statico superiore  
 posizione del baricentro rispetto alla fibra  
 superiore  
 ygi sup = 12.68 cm  
 13897  
 Ji = 5 cm^4 momento d'inerzia  
 Wi sup = 10959 cmc momento resistente superiore  
 Wi inf = 11282 cmc momento resistente inferiore

**Caratteristiche di  
esposizione**

 Classe = XC4 classe di esposizione del sito  
 Condizioni ambientali: Aggressive

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Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd -

Frequente  $\leq$  0.3 mm apertura limite delle fessure per le combinazioni Frequente  
apertura limite delle fessure per le combinazioni Quasi

wd - Q.P.  $\leq$  0.2 mm Permanente

$\sigma_c$  Rara  $\leq$  19.9 MPa tensione limite nel calcestruzzo per le combinazioni Rara

$\sigma_c$  Q.P.  $\leq$  14.9 MPa tensione limite nel calcestruzzo per le combinazioni Quasi Permanente

$\sigma_s$   $\leq$  360.0 MPa tensione limite per l'acciaio di armatura  
copriferro minimo da normativa per armatura in

$c'$  = 6.0 cm zona tesa

beta = 1.7

beta 1 = 1.0

beta 2 = 0.5 1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici

k 2 = 0.4 0,4 barre ad aderenza

k 3 = 0.125 migliorata

num s = 10.0 0,125 asse neutro all'interno della

s = 10.00 cm sezione

d max = 12 mm numero di ferri in zona tesa

d min = 12 mm passo dell'armatura in zona

c = 6.00 cm tesa

dist = 0.00 cm diametro massimo dell'armatura in zona

tessa

diametro minimo dell'armatura in zona

tessa

copriferro armatura in zona

tessa

dist = 0.00 cm distanza fra le file di barre in zona tesa

COMBO	[kN]		Verifica tensioni in esercizio					Verifica fessurazione		
	N	$M_x$	$\sigma_c$ max	$\sigma_s$ max	$\sigma_s$ min	$\sigma_s'$ max	$\sigma_s'$ min	$M_f$	$M_f > M ?$	$wk'$
SIS22	56.4	24.3	4.63	104.3	104.3	-7.1	-7.1	38.65	SI	-
SIS14	74.8	44.2	8.47	203.1	203.1	-8.6	-8.6	37.58	NO	-
RAR068	58.4	17.7	3.33	67.6	67.6	-7.8	-7.8	40.45	SI	-
RAR100	155. 2	62.9	11.97	265.6	265.6	-19.9	-19.9	38.90	NO	-
FRE25	58.8	-18.9	-	-	-	-	-	31.03	SI	OK
FRE36	131. 5	-53.1	-	-	-	-	-	31.75	SI	OK
QPE04	57.7	-17.5	-1.39	8.3	8.3	11.9	11.9	30.81	SI	OK
QPE14	60.9	-25.6	-2.11	13.5	13.5	11.7	11.7	31.86	SI	OK

## 7.4 Armatura di ripartizione dello scatolare

Così come previsto dal D.M. 14 gennaio 2008, si prevede un'armatura longitudinale in misura non inferiore al 20%. L'armatura per l'opera in oggetto risulta essere:

soletta superiore:	$\phi 10/20\text{cm}$
soletta inferiore:	$\phi 10/20\text{cm}$
soletta piedritti:	$\phi 10/20\text{cm}$

## 7.5 Verifica armatura longitudinale a ritiro

Viene verificata l'armatura longitudinale dello scatolare, ai fini della verifica si prenderà in considerazione la sola soletta superiore poiché presenta maggiori criticità geometriche e di esposizione all'aria rispetto gli altri elementi dello scatolare.

Nel seguito viene eseguita la verifica a fessurazione della soletta superiore:

### Calcolo armatura longitudinale antiritiro

Si considera una sezione avente le seguenti caratteristiche geometriche :

Altezza soletta superiore	H =	250	mm
Larghezza unitaria soletta superiore	B =	1000	mm
R <sub>ck</sub> calcestruzzo	R <sub>ck</sub> =	40	N/mm <sup>2</sup>
	f <sub>ck</sub> =	32	N/mm <sup>2</sup>

### Ritiro secondo paragrafo 11.2.10.6 delle N.T.C. 2008

Considerando:

$h_0 = 2 A_c / u =$	250	mm
$A_c = \text{area della sezione in c.a.} =$	250000	mm <sup>2</sup>
$u = \text{perimetro della sezione esposta all'aria} =$	2000	mm

La deformazione totale da ritiro si può esprimere come:


$$\epsilon_{cs} = \epsilon_{cd} + \epsilon_{ca}$$

dove:

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$\epsilon_{cd}$  = deformazione per ritiro da essiccamento.

$\epsilon_{ca}$  = deformazione per ritiro autogeno.

Il valore medio a tempo infinito della deformazione per ritiro per essiccamento vale:

$$\epsilon_{cd,infinito} = k_h \times \epsilon_{c0}$$

Per un umidità relativa pari al 90% si ottiene un valore  $\epsilon_{c0} = -0.30$

Per spessori di soletta maggiori uguali a 500 mm si ha un valore di  $k_h = 0.8$

quindi

$$\epsilon_{cd,infinito} = k_h \times \epsilon_{c0} = -0.2400 \text{ ‰}$$

Lo sviluppo nel tempo della deformazione  $\epsilon_{cd}$  può essere valutato come:

$$\epsilon_{cd,t} = \beta_{ds} (t - t_s) \times \epsilon_{cd,infinito}$$

dove la funzione di sviluppo temporale assume la forma:

$$\beta_{ds} = (t - t_s) / [(t - t_s) + 0,04 \times h_o^{3/2}] = 0.9961$$

$t$  = età del calcestruzzo nel momento considerato = 40000  
( > 100 anni )

$t_s$  = età del calcestruzzo a partire dalla quale si considera l'effetto del ritiro = 28  
(termine di maturazione)

quindi si ha:

$$\epsilon_{cd,t} = -0.2391 \text{ ‰}$$

Il valore medio della deformazione per ritiro autogeno vale:

$$\epsilon_{ca,infinito} = -2,5 ( f_{ck} - 10 ) \times 10^{-6} = -0.000055$$

quindi

$$\epsilon_{cs} = \epsilon_{cd} + \epsilon_{ca} = -0.29405 \text{ ‰} = \epsilon_{free}$$

Si valuta ora la deformazione per ritiro contrastato considerando quanto riportato al punto b dell'Annex M dell' Eurocodice 2 -

Progettazione delle strutture di calcestruzzo - Parte 3 : Strutture di contenimento liquide.

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La deformazione totale da ritiro si può esprimere come:

$$\varepsilon_{cs}^* = R_{ax} \times \varepsilon_{free} = -0.14703 \quad \text{‰}$$

avendo assunto  $R_{ax} = 0.5$

Da cui si ottiene:

$$R_{ax} \times \varepsilon_{free} = (\varepsilon_{sm} - \varepsilon_{cm})$$

$$W_k = S_{R,max} \times (\varepsilon_{sm} - \varepsilon_{cm}) = S_{R,max} \times R_{ax} \times \varepsilon_{free}$$

$$S_{R,max} = 1,3 (h - X) \quad \text{per } i > 5 (c + \phi/2)$$

$$S_{R,max} = k_3 c + (k_1 k_2 k_4 \phi) / \rho_{p,eff} \quad \text{per } i \leq 5 (c + \phi/2)$$

Essendo:

$\phi =$	10	mm
$c =$	60	mm
$i =$	200	mm
$k_1 =$	0.8	per barre ad aderenza migliorata
$k_2 =$	1	per trazione pura
$k_3 =$	3.4	
$k_4 =$	0.425	
$h_{eff} =$	41.67	mm
$A_s =$	785	mm <sup>2</sup>
$A_{c,eff} =$	41667	mm <sup>2</sup>
$\rho_{p,eff} =$	0.02	

si ha:

$$5 (c + \phi/2) = 325 \quad \text{mm}$$

$$S_{R,max} = 384.38 \quad \text{mm} \quad \text{per } i \leq 5 (c + \phi/2)$$

$$W_k = 0.057 \quad \text{mm}$$

$$W_k < w_1 = 0.2 \quad \text{mm} \quad \text{'Verificato'}$$

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## 8 VERIFICHE GEOTECNICHE

### 8.1 Verifiche geotecniche scatolare principale

La verifica di capacità portante viene effettuata secondo l'Approccio I combinazione 2 (GEO) sia in condizioni statiche che in condizioni sismiche.

Si fa notare che, essendo lo scatolare una struttura rigida, le azioni orizzontali comportano dal lato sfavorevole una rapida diminuzione di spinta (da regime di K0 a regime di Ka) che avviene per piccoli spostamenti, mentre dal lato resistente la spinta aumenta tendendo a Kp per cui, in definitiva, la struttura risulta autoequilibrata in direzione orizzontale. Ciò è particolarmente significativo nel caso in esame, considerando che per il terreno di reinterro il rapporto tra Kp e Ka è molto elevato (circa 20).

Poiché le verifiche di capacità portante sono eseguite allo stato limite ultimo (a cui corrispondono per definizione "grandi" spostamenti) si ritiene di poter considerare l'azione resistente massima in regime di spinta passiva.

Si tratta quindi di verificare che, per la combinazione di carico più gravosa, la massima spinta agente sia inferiore a quella resistente assicurando così l'equilibrio della struttura.

Nel caso in esame:

<u>Azione resistente massima:</u>	284.38	KN
<u>Azione agente massima in condizioni statiche (combinazione GEO):</u>	67.68	KN
<u>Azione agente massima in condizioni sismiche (combinazione GEO):</u>	100.55	KN

L'azione resistente massima è calcolata come segue:

$$H_{max} = (h_{int} + S_{psol\sup} / 2 + S_{psol\inf} / 2) * Spinta\ passiva\ costante\ (M2) + 0.5 * (h_{int} + S_{psol\sup} / 2 + S_{psol\inf} / 2) * Spinta\ passiva\ lineare\ (M2) = 284.38\ KN$$

Dove si ha :

$h_{int}$  = altezza netta dello scatolare = 1.50 m  
 $S_{psol\sup}$  = spessore soletta superiore = 0.25 m  
 $S_{psol\inf}$  = spessore soletta inferiore = 0.25 m

$$Spinta\ passiva\ costante\ (M2) = \gamma_t * (H_{ric} + S_{psol\sup} / 2) * K_P\ (M2) = 105.63\ KN/m$$

$$Spinta\ passiva\ lineare\ (M2) = \gamma_t * (H_{int} + S_{psol\sup} / 2 + S_{psol\inf} / 2) * K_P\ (M2) = 113.75\ KN/m$$

Dove :

$H_{ric}$  = ricoprimento di progetto della soletta superiore = 1.50 m


$\gamma_t$  = peso specifico del terreno di rilevato = 20 KN/m<sup>3</sup>

$K_P$  (M2) = coefficiente di spinta passiva calcolato secondo la formula di Muller-Breslau ipotizzando nullo l'angolo di attrito tra terra e muro.

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Si osserva che, essendo l'angolo di attrito del rilevato di progetto pari a 38°, l'angolo di attrito di calcolo viene calcolato come segue :



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$$\Phi(M2) = \arctan (\tan (38^\circ) / 1.25) = 32^\circ$$

avendo effettuato il calcolo in Approccio 1 Combinazione 2 (A2+M2+R2).

Dai calcoli sopra riportati si evince che la resistenza massima del terreno è largamente maggiore rispetto alle azioni agenti, per cui si ritiene la struttura equilibrata.

Ne consegue che per le verifiche di capacità portante si può ritenere nulla la risultante delle forze orizzontali e considerare unicamente l'azione verticale, che risulta massima per il caso statico per il quale si considerano agenti i carichi accidentali da traffico:

$$N_{\max} (\text{GEO}) = 399.71 \text{ KN}$$

L'azione  $N_{\max} (\text{GEO})$  è calcolata come segue :

$$N_{\max} (\text{GEO}) = P_p + P_{ric} + P_{aq} + 1.15 \cdot Q$$

Dove il coefficiente 1.15 è tratto dalla tabella 5.1.V dei coefficienti A2 per quanto riguarda i carichi variabili da traffico.

Si ha che :

$$P_p = \gamma_{cls} * ((B + 2 S_{ppie} / 2) * S_{psol\sup} + 2 * (H + S_{psol\sup} / 2 + S_{psol\inf} / 2) * S_{ppie} + (B + 2 S_{ppie} + 2 S_{balzo}) * S_{psol\inf}$$

Dove:

$$B = 3\text{m};$$

$$S_{ppie} = 0.25\text{m};$$

$$S_{psol\sup} = 0.25 \text{ m};$$

$$S_{psol\inf} = 0.25 \text{ m}$$

$$\gamma_{cls} = 25 \text{ KN/m}^3$$

Si ha dunque:

$$P_p = 66.5 \text{ KN}$$

$$P_{ric} = PPNS_{sol\sup} * (B + 2 * S_{ppie} / 2) + 2 * PPNS_{balzi} * L_{balzo}$$

Dove:

$$L_{balzo} = 0.20 \text{ m}$$

$PPNS_{sol\sup}$  = carico distribuito corrispondente al ricoprimento sulla soletta superiore, calcolato al punto 9.1 = 30 KN/m<sup>2</sup>

$PPNS_{balzi}$  = carico distribuito corrispondente agli sbalzi della soletta inferiore dello scatolare, calcolato al punto 9.1 = 65 KN/m<sup>2</sup>

Si ha dunque:

$$P_{ric} = 123.5 \text{ KN}$$

$$Q = (QM01 + QM02) * (B + 2 * S_{ppie} / 2)$$

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Dove:

QM01 = carico distribuito tandem medio, calcolato al punto 9.1 = 47 KN/m<sup>2</sup>

QM02 = carico distribuito da traffico, calcolato al punto 9.1 = 9 KN/m<sup>2</sup>

Si ha dunque :

Q = 182 KN

Pertanto, l'azione massima N GEO, è pari a :

N GEO = 66.5 + 123.5 + 182\*1.15 = 399.3 KN

Per il caso sismico si trascura secondo normativa la componente verticale della spinta.

Per il dimensionamento geotecnico si fa riferimento alla seguente geometria:

WBS	IDA15
Progressiva	KM 4+322.37 asse Z
Profondità di posa	Q.F.=130.98 m
Quota piano campagna	Q=131.85 m
Quota falda di progetto	non interessa l'opera Q<117.35 m sul livello del mare
Larghezza fondazione	B=3.90 m

#### VERIFICA CAPACITA' PORTANTE DI FONDAZIONE

GEO

##### Caratteristiche

##### geotecniche

##### *Terreno sopra il piano di posa della fondazione*

gamma t	KN/mc	20.00	peso specifica terreno in sito
fi t	°	38.00	angolo di attrito interno
cu d	KN/mq	0.00	coesione in condizioni drenate
cu nd	KN/mq	0.00	coesione in condizioni non drenate
beta	°	0.00	inclinazione del terreno

##### *Terreno sotto il piano di posa della fondazione*

gamma t	KN/mc	20.00	peso specifica terreno in sito
fi t'	°	32.01	angolo di attrito interno ridotto
cu d'	KN/mq	0.00	coesione in condizioni drenate ridotta
cu nd'	KN/mq	0.00	coesione in condizioni non drenate ridotta

##### Geometria fondazione

B	m	3.90	larghezza fondazione
L	m	1.00	lunghezza fondazione
H	m	2.00	altezza fondazione
b	m	0.00	larghezza sopralzo
l	m	0.00	lunghezza sopralzo
h	m	0.00	altezza sopralzo
PP	KN	0.00	peso fondazione
ric	m	1.30	ricoprimento ciabatta anteriore
D	m	3.30	affondamento anteriore fondazione

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d	m	0.00	distanza dei carichi da estradosso fondazione
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*sollecitazioni baricentro dell'estradosso della fondazione*

N	KN	399.71	azione verticale
Tx	KN	0.00	taglio in direzione di x
My	KNm	0.00	momento trasversale attorno a y
Ty	KN	0.00	taglio in direzione di y
Mx	KNm	0.00	momento trasversale attorno a x

*sollecitazioni baricentro dell'intradosso della fondazione*

N	KN	399.71	azione verticale
Tx	KN	0.00	taglio in direzione di x
My	KNm	0.00	momento trasversale attorno a y
Ty	KN	0.00	taglio in direzione di y
Mx	KNm	0.00	momento trasversale attorno a x
q'	KN/mq	66.00	sovraccarico stabilizzante terreno ai bordi

*Parametri per il calcolo della capacità portante*

B eq	m	3.90	larghezza equivalente
L eq	m	1.00	lunghezza equivalente
p	KN/mq	102.49	pressione di servizio

*fattori di capacità portante*

Nq		23.19
Nc		35.51
Ng		20.81

*fattori di forma*

sq		1.00
sc		1.00
sg		1.00

*fattori correttivi per affondamento piano di posa*

dq		1.23
dc		1.34
dg		1.00

*fattori correttivi per inclinazione del carico*

iq		1.00
ic		1.00
ig		1.00

*fattori correttivi per inclinazione del terreno*

gq		1.00
gc		1.00
gg		1.00

CAPACITÀ PORTANTE LIMITE

q lim q	KN/mq	1888.51
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q lim c	KN/mq	0.00
q lim g	KN/mq	811.53
q lim	KN/mq	2700.04
q amm	KN/mq	1500.02
F.S. $\geq 1$		14.64

capacità portante limite  
capacità portante ammissibile  
verifica soddisfatta

Coefficiente parziali per le resistenze alla capacità portante

$\gamma_R (R2)$		1.80
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coefficiente di sicurezza minimo assunto

## 9 MURI AD U

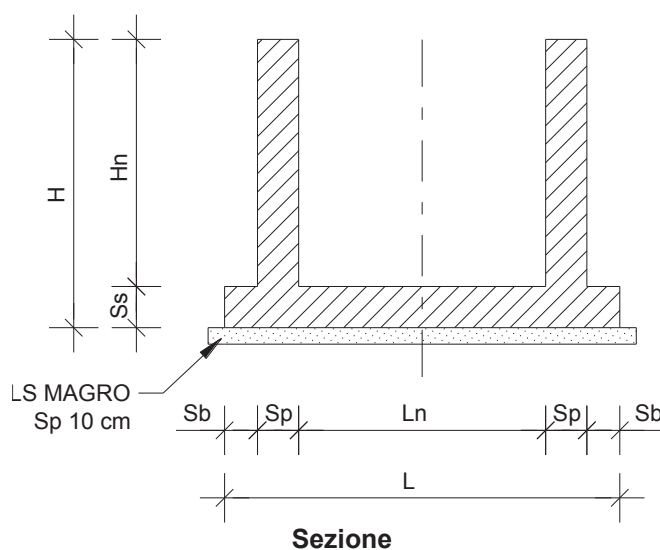
Viene di seguito effettuata la progettazione del muro ad U di imbocco al tombino e del canale in ca. a valle del tombino stesso.

Il muro ad U ha altezza massima di 1,75 m , larghezza interna di 3,00m e spessore delle elevazioni e della fondazione di 25 cm.

Il canale ad U ha altezza massima di 1 m e uguale larghezza interna e spessori.

### 9.1 Geometria

Di seguito viene descritta la geometria del muro ad U:



$$L_n = 3,00 \text{ m}$$

$$S_s = 0,25 \text{ m}$$

$$H = 1,75 \text{ m}$$

$$L = 3,90 \text{ m}$$

$$S_p = 0,25 \text{ m}$$

$$H_n = 1,50 \text{ m}$$

$$S_{sb} = 0,20 \text{ m}$$

Il canale ad U viene verificato, a favore di sicurezza, per una sezione di pari geometria.

### 9.2 Condizioni di carico elementari

Nel seguente paragrafo si descrivono i carichi elementari da assumere per le verifiche di resistenza in esercizio ed in presenza dell'evento sismico.

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Tali Combinazioni Elementari saranno opportunamente combinate secondo quanto previsto dalla normativa vigente.

Nei successivi paragrafi si riporta la metodologia adottata per l'analisi dei carichi condotta con un apposito foglio di calcolo con il quale sono state condotte tutte le verifiche e di cui a fine capitolo si riportano i tabulati.

### 9.3 Peso permanente della struttura

Il peso specifico del c.a. è  $\gamma_c = 25 \text{ kN/m}^3$

#### Soletta inferiore

- peso proprio  $S_s * \gamma_c$   $\text{kN/m}^2$

#### Piedritti

- peso proprio  $S_p * \gamma_c$   $\text{kN/m}^2$

(Condizione Elementare CDC 1)

#### 9.3.1 Spinta del terreno

Il reinterro a ridosso dello scatolare verrà realizzato tramite materiale arido di buone caratteristiche meccaniche. Per tale materiale, conformemente a quanto riportato nella relazione geotecnica del presente lotto, si ha:

$\gamma_t = 20,00 \text{ kN/m}^3$	peso specifico del terreno
$\gamma' = 11,00 \text{ kN/m}^3$	peso specifico del terreno sommerso
$\phi = 38^\circ$	angolo d'attrito
$c = 0$	coesione
$K_a = 0,238$	coefficiente di spinta attiva
$K_0 = 0,384$	coefficiente di spinta a riposo

Si applicano, di conseguenza, i valori delle spinte secondo la profondità con

$$p_h = K \gamma_t z$$

(Condizione Elementare CDC 3)

#### 9.3.2 Azioni agenti sullo sbalzo fondazione

L'unica azione che agisce sullo sbalzo è il peso del terreno soprastante lo sbalzo stesso e, l'eventuale accidentale presente sul terrapieno.

- peso terreno sovrapstante  $H_n * \gamma_t$   $\text{kN/m}^2$

(Condizione Elementare CDC 2)

#### 9.3.3 Azione sismica

(Condizione Elementare CDC 4)

#### Stato limite di salvaguardia della vita (SLV)


La risultante delle forze inerziali orizzontali indotte dal sisma viene valutata con la seguente espressione:

$$F_h = P * k_h$$

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$$(SLV) \quad k_h = \beta_m \cdot \frac{a_{\max}}{g}$$

P = peso proprio;

k = coefficienti sismici;

Nel caso di sisma orizzontale si considera la spinta derivante dall'oscillazione del cuneo di terreno spingente con l'applicazione del diagramma triangolare di pressioni, tipico dei muri di sostegno, avente la risultante a 2/3 dell'altezza dalla base del piedritto. Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento al metodo di Wood, in cui l'incremento di spinta sismica  $\Delta P_d$  per la condizione a riposo viene valutato:

$$\Delta P_d = S \cdot a_g / g \cdot \gamma \cdot h_{\text{tot}}^2$$

La risultante di tale incremento di spinta viene applicata ad h/2 del piedritto.

Ai fini delle azioni orizzontali, sui piedritti si considera il contributo della sovraspinta sismica dovuto al sisma oscillatorio e le spinte inerziali agenti sui piedritti.

Ai fini delle azioni orizzontali :

- Spinta inerziale sui piedritti:

$$(S_p \cdot \gamma_c) \cdot k_h \quad \text{kN/m}^2$$

- Sovraspinta sismica :

$$S \cdot a_g / g \cdot \gamma \cdot H \quad \text{kN/m}^2$$

### 9.3.4 Condizioni elementari di carico agenti sulla struttura

Si individuano tre condizioni di carico elementari da combinare con i coefficienti parziali delle azioni, per la determinazione delle sollecitazioni agenti sulla struttura:

**a.1) Condizione per lo SLU** (significativa per le verifiche del paramento e della fondazione nella sezione di attacco reciproco e nella sezione di mezzeria con trazione nelle fibre inferiori).

Azioni agenti: peso proprio del paramento (compreso anche il peso del terreno sopra il lato inclinato del paramento stesso), spinta del terreno, spinta della falda, spinta del sovraccarico accidentale in esercizio, peso sovrastruttura stradale e l' accidentale in fondazione.

**a.2) Condizione per lo SLE** (significativa per le verifiche del paramento e della fondazione nella sezione di attacco reciproco e nella sezione di mezzeria con trazione nelle fibre inferiori).

Azioni agenti: peso proprio del paramento (compreso anche il peso del terreno sopra il lato inclinato del paramento stesso), spinta del terreno, spinta della falda, spinta del sovraccarico accidentale in fessurazione peso sovrastruttura stradale e l' accidentale in fondazione.

**a.3) Condizione in fase di costruzione per lo SLU** (significativa per le verifiche nella mezzeria della fondazione con trazione nelle fibre superiori).

Azioni agenti: peso proprio della struttura (l'azione sollecitante è il peso proprio dell'elevazione).


## 9.4 Combinazioni di carico

Ai fini della determinazione dei valori caratteristici delle azioni dovute al traffico, si dovranno considerare, generalmente, le combinazioni riportate in Tab. 5.1. IV (NT).

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Per le verifiche agli stati limite ultimi si adottano i valori dei coefficienti parziali delle azioni riportati in Tab. 5.1.V e i coefficienti di combinazione  $\Psi$  in Tab. 5.1.VI (NT).

Per le verifiche agli stati limite d'esercizio si adottano i valori dei coefficienti parziali in Tab. 5.1.VI (NT).

Le condizioni elementari di carico considerate sono di seguito riassunte:

CDC	Tipo	Sigla Id
1	Ggk	CDC=Ggk (peso proprio della struttura)
2	Gk	CDC=Gk (permanente)
3	Gk	CDC=Gk (spinta terre a riposo+spinta idraulica)
4	Qk	CDC=Qk (sisma)

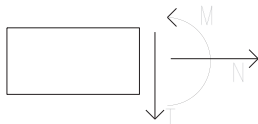
I carichi caratteristici sopra elencati (CDC), al fine di ottenere le sollecitazioni di progetto per effettuare le successive verifiche, sono opportunamente combinati fra loro.

Al fine di determinare le combinazioni come da norma (§3.2 (NT)), si definisce la classificazione delle azioni e le combinazioni allo SLU e SLE.

Le precedenti condizioni elementari di calcolo (CDC) sono combinate tra loro in modo da generare le massime sollecitazioni per lo SLU e SLE (combinazione 1 (A1+M1+R1) e combinazione 2 (A2+M2+R2)).

Per quanto concerne le azioni dovute al traffico, data la tipologia di azioni da traffico agenti sulla struttura, i coefficienti parziali della tab. 5.1.V (NT) utilizzati sono quelli del gruppo 1.

Le convenzioni adottate per le sollecitazioni di segno positivo sono le seguenti.



Per determinare le sollecitazioni più gravose nelle varie sezioni, sono stati elaborati i risultati ottenuti nel calcolo agli elementi finiti secondo gli schemi di combinazione allo SLU o SLE (di cui alla tabella precedente), prendendo tutti i contributi (CMB) che creano le condizioni più sfavorevoli per la verifica in itinere.

Le combinazioni di carico sono riportate nel successivo capitolo insieme ai valori delle sollecitazioni ed ai risultati dell'analisi.

## 9.5 Calcolo delle sollecitazioni – muro ad U e canale ad U

### CALCOLO MURI IN C.A.

MURO

TITOLO: A U

PARAMETRI  
GEOMETRICI  
Elevazione

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H	1.50	m	Altezza del terreno dall' estradosso della fondazione
$\Delta H$	0.00	m	Altezza del muro sopra il terreno
Htot	1.50	m	Altezza totale del muro
p ant.	0.00	%	Pendenza del paramento anteriore
p pos.	0.00	%	Pendenza del paramento posteriore
Ss	0.25	m	Spessore trasversale del muro in sommità all'elevazione
Sb	0.25	m	Spessore trasversale del muro alla base dell'elevazione
Profond.	1.00	m	Profondità del tratto di struttura investigato

**Fondazione**

L	3.90	m	Larghezza trasversale della fondazione
H	0.25	m	Altezza del plinto di fondazione
L interna	3.00	m	Larghezza fondazione fra elevazioni
L esterna	0.20	m	Larghezza dello sbalzo esterno della fondazione

**PARAMETRI SISMICI DEL TERRENO (D.M. 14-01-2008)**
**SISMA**
**SLV**

ag	0.240	g	Accelerazione orizzontale del terreno
F <sub>o</sub>	2.445	-	Valore massimo del fattore di amplif. dello spettro in acceler. orizz.
Cat. Suolo	B	-	Categoria del sottosuolo
Cat.			
Topogr.	T1	-	Coefficiente di amplificazione topografica
S <sub>s</sub>	1.17	-	Coefficiente legato alla stratigrafia del suolo
S <sub>T</sub>	1.00	-	Coefficiente legato alla topografia del sito
S	1.17	-	Coeff. che comprende effetto amplif. stratigr.(S <sub>s</sub> ) e amplif. topogr.(S <sub>T</sub> )
$\beta_m$	1.00	-	Coefficiente di riduzione dell'accelerazione massima attesa al sito
a <sub>max</sub>	0.28	g	Accelerazione orizzontale massima attesa al sito
Kh	0.28	-	Coefficiente sismico orizzontale
Kv	0.14	-	Coefficiente sismico verticale
$\theta_1$	18.01	°	arctg [ Kh / (1-Kv) ]
$\theta_2$	13.79	°	arctg [ Kh / (1+Kv) ]

**PARAMETRI GEOTECNICI DEL TERRENO**

P	20.0	kN/mc	Peso specifico del terreno
$\varphi$	38.0	°	Angolo di attrito interno del terreno adiacente elevazione
$\varphi_t$	38.0	°	Angolo di attrito interno del terreno di fondazione
$\varphi_{ass}$	38.0	°	Angolo di attrito assunto per calcolo spinte
c <sub>att</sub>	0.63	-	Coefficiente di attrito fondazione - terreno
c'	0.0	kN/mc	Coesione efficace del terreno
c <sub>u</sub>	0.0	kN/mc	Coesione in condizioni non drenate del terreno
$\gamma c' (M0)$	1.00	-	Coeff. di sicurezza per coesione efficace (Combinazione STR)
$\gamma c' (M1)$	1.00	-	Coeff. di sicurezza per coesione efficace (Combinazione STR)
$\gamma c' (M2)$	1.25	-	Coeff. di sicurezza per coesione efficace (Combinazione GEO)

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$\gamma_{cu}$ (M0)	1.00	-	Coeff. di sicurezza per coesione non drenata (Combinazione EQU)
$\gamma_{cu}$ (M1)	1.00	-	Coeff. di sicurezza per coesione non drenata (Combinazione STR)
$\gamma_{cu}$ (M2)	1.40	-	Coeff. di sicurezza per coesione non drenata (Combinazione GEO)
$\gamma_{\phi}$ (M0)	1.00	-	Coeff. di sicurezza per tangente angolo attrito (Combinazione EQU)
$\gamma_{\phi}$ (M1)	1.00	-	Coeff. di sicurezza per tangente angolo attrito (Combinazione STR)
$\gamma_{\phi}$ (M2)	1.25	-	Coeff. di sicurezza per tangente angolo attrito (Combinazione GEO)
$c'$ (M0)	0.00	kN/mc	Coesione efficace del terreno (Combinazione EQU)
$c'$ (M1)	0.00	kN/mc	Coesione efficace del terreno (Combinazione STR)
$c'$ (M2)	0.00	kN/mc	Coesione efficace del terreno (Combinazione GEO)
$c_u$ (M0)	0.0	kN/mc	Coesione non drenata del terreno (Combinazione EQU)
$c_u$ (M1)	0.0	kN/mc	Coesione non drenata del terreno (Combinazione STR)
$c_u$ (M2)	0.0	kN/mc	Coesione non drenata del terreno (Combinazione GEO)
$\phi_t$ (M0)	38.0	°	Angolo di attrito interno del terreno di fondazione (Comb. EQU)
$\phi_t$ (M1)	38.0	°	Angolo di attrito interno del terreno di fondazione (Comb. STR)
$\phi_t$ (M2)	32.0	°	Angolo di attrito interno del terreno di fondazione (Comb. GEO)
$\phi_{ass}$ (M0)	38.0	°	Angolo di attrito assunto per calcolo spinte (Comb. EQU)
$\phi_{ass}$ (M1)	38.0	°	Angolo di attrito assunto per calcolo spinte (Comb. STR)
$\phi_{ass}$ (M2)	32.0	°	Angolo di attrito assunto per calcolo spinte (Comb. GEO)
$\alpha$	0.00	°	Angolo di inclinazione del versante a tergo del muro
$\theta$	18.01	°	Angolo per valutazione dei coefficienti di spinta in condizioni sismiche SLV
$\theta$	7.51	°	Angolo per valutazione dei coefficienti di spinta in condizioni sismiche SLD
ric	0.00	m	Ricoprimento della parte anteriore della fondazione
$K_r$	0.00	-	Coefficiente di riduzione della spinta passiva
$\beta$	0.00	°	Angolo di inclinazione del muro lato terreno
$K_0$	0.38	-	Coeff. di spinta attiva secondo Muller - Breslau per combinazioni SLE-SISMA
$K_0$ EQU	0.38	-	Coeff. di spinta attiva secondo Muller - Breslau per combinazioni EQU
$K_0$ STR	0.38	-	Coeff. di spinta attiva secondo Muller - Breslau per combinazioni STR
$K_0$ GEO	0.47	-	Coeff. di spinta attiva secondo Muller - Breslau per combinazioni GEO

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K0,s	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni SLE-SLV
K0,s EQU	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni EQU
K0,s STR	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni STR
K0,s GEO	0.47	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni GEO
K0,s	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni SLD
K0,s EQU	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni EQU
K0,s STR	0.38	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni STR
K0,s GEO	0.47	-	Coeff. di spinta attiva in condizioni sismiche per combinazioni GEO
Kp	0.38	-	Coeff. di spinta passiva con terreno a valle orizzontale per combinaz. SLE-SISMA
Kp EQU	0.38	-	Coeff. di spinta passiva con terreno a valle orizzontale per combinaz. EQU
Kp STR	0.38	-	Coeff. di spinta passiva con terreno a valle orizzontale per combinaz. STR
Kp GEO	0.47	-	Coeff. di spinta passiva con terreno a valle orizzontale per combinaz. GEO
Kp,s	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni SLE-SLV
Kp,s EQU	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni EQU
Kp,s STR	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni STR
Kp,s GEO	0.47	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni GEO
Kp,s	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni SLD
Kp,s EQU	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni EQU
Kp,s STR	0.38	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni STR
Kp,s GEO	0.47	-	Coeff. di spinta passiva in condizioni sismiche per combinazioni GEO
Kpr	0.00	-	Coeff. di spinta passiva ridotto per combinazioni SLE-SLV
Kpr EQU	0.00	-	Coeff. di spinta passiva ridotto per combinazioni EQU
Kpr STR	0.00	-	Coeff. di spinta passiva ridotto per combinazioni STR
Kpr GEO	0.00	-	Coeff. di spinta passiva ridotto per combinazioni GEO

**COEFFICIENTI DI RIDUZIONE SPINTE SU ELEVAZIONE DESTRA**

Ka rid	100	%	percentuale di riduzione spinta del terreno su elevazione destra
Kperm rid	100	%	percentuale di riduzione carichi permanenti su elevazione destra
Kacc rid	100	%	percentuale di riduzione carichi accidentali su elevazione destra

**CARICHI**
**ACCIDENTALI**

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qp	0.00	kN/mq	Sovraccarico permanente a tergo del muro
d1	0.00	m	Quota del baric. sovrac. perm. dalla quota testa elev.
N p	0.00	kN	Forza verticale permanente in testa al muro
d2	0.00	m	Quota del baric. forza vert. perm. dalla quota testa elev.
T p	0.00	kN	Forza orizzontale permanente in testa al muro (positiva se da monte verso valle)
M p	0.00	kN	Momento flettente permanente in testa al muro (positivo se instabilizzante)
q	20.00	kN/mq	Sovraccarico accidentale a tergo del muro
qs	0.00	kN/mq	Sovracc. acc. a tergo del muro in presenza di sisma al metro di profondità
K acc	100	%	Coeff. di applicazione del sovraccarico accidentale
Macc	0.00	kNm	Momento flettente accidentale in testa al muro
Tacc	0.00	kN	Taglio orizzontale accidentale in testa al muro
Nacc	0.00	kN	Forza verticale accidentale in testa al muro
M acc s	0.00	kNm	Momento flett. acc. in testa al muro (positivo se instabilizzante) con sisma
Tacc s	0.00	kN	Taglio orizzontale accidentale in testa al muro in presenza di sisma
Nacc s	0.00	kN	Forza verticale accidentale in testa al muro in presenza di sisma

### AZIONI INDOTTE DAL PESO PROPRIO, TERRENO, ACQUA E CARICHI ACCIDENTALI

#### Condizioni di carico

Fv [kN] :	Azione vert. dovuta al peso proprio e al carico applicato sul muro
Mg (Fv) [kNm] :	Mom. flett. alla base dell'elev. o al baric. della fondaz. a seconda dei casi
Mr (Fv) [kNm] :	Mom. flett. rispetto al punto di ribaltamento della fondazione
Fh [kN] :	Forza orizz. dovuta alla spinta del terr. e alla presenza dei carichi applicati
Fhs [kN] :	Forza orizz. dovuta agli increm. sism. della spinta del terr. + carichi appl.
Mg [kNm] :	Momento flett. dovuto alle azioni orizz.
Mgs [kNm] :	Momento flett. dovuto all'incremento sismico
Mr [tkNm] :	Momento flett. dovuto alle azioni orizz.
Mrs [kNm] :	Momento flett. dovuto all'incremento sismico
Fi h [kN] :	Forza d'inerzia orizzontale, considerata nelle combinazioni sismiche
Fi v [kN] :	Forza d'inerzia verticale, considerata nelle combinazioni sismiche
Mg i [kNm] :	Mom. flett. base elev. o baric. fondaz. dovuto a forze inerzia
Mr i [kNm] :	Mom. flett. ribaltamento dovuto a forze inerzia
p.p.	Peso proprio

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t. post.	Terreno a tergo dell'elevazione
t. ant.	Terreno a valle dell'elevazione
q perm.	Sovraccarico permanente
Np, Vp, Mp	Azioni in testa muro permanenti
q acc.	Sovraccarico accidentale
N, V, M	
acc.	Azioni in testa muro accidentali

AZIONI - CONDIZIONI DI CARICO		SLE- SLV	SLE- SLV	EQU	STR	STR	GEO
		B. e.	B. f.	B. f.	B. e.	B. f.	B. f.
p.p.	Fv	9.4	43.1	43.1	9.4	43.1	43.1
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	-84.1	-84.1	0.0	-84.1	-84.1
	Fh	0.0	0.0	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	2.6	11.1	11.1	2.6	11.1	11.1
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	2.0	6.0	6.0	2.0	6.0	6.0
	Mr i	0.0	6.0	6.0	0.0	6.0	6.0
t. post.	Fv	0.0	27.0	27.0	0.0	27.0	27.0
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	-52.7	-52.7	0.0	-52.7	-52.7
	Fh	8.6	0.0	0.0	8.6	0.0	0.0
	Fhs	12.6	0.0	0.0	12.6	0.0	0.0
	Mg	4.3	0.0	0.0	4.3	0.0	0.0
	Mgs	9.4	0.0	0.0	9.4	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	7.6	7.6	0.0	7.6	7.6
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	7.6	7.6	0.0	7.6	7.6
	Mr i	0.0	7.6	7.6	0.0	7.6	7.6
t. ant.	Fv	0.0	0.0	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0	0.0	0.0
q perm.	Fv	0.0	0.0	0.0	0.0	0.0	0.0



	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0	0.0	0.0
N p	Fv	0.0	0.0	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0	0.0	0.0
q acc.	Fv	0.0	18.0	18.0	0.0	18.0	18.0
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	-35.1	-35.1	0.0	-35.1	-35.1
	Fh	11.5	0.0	0.0	11.5	0.0	0.0
	Fhs	8.4	0.0	0.0	8.4	0.0	0.0
	Mg	8.6	0.0	0.0	8.6	0.0	0.0
	Mgs	6.3	0.0	0.0	6.3	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0	0.0	0.0
N, M, V acc.	Fv	0.0	0.0	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0	0.0	0.0



Mr i	0.0	0.0	0.0	0.0	0.0	0.0
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### COMBINAZIONI DI CARICO

Coefficienti  $\gamma_i$  di moltiplicazione delle azioni in accordo al D.M. 14-01-2008:

CARICHI	EFFETTO	COEFF. PARZIALE	SLE-SISMA	EQU	STR (A1)	GEO (A2)
PERMANENTI	Favorevole	$\gamma_{G1}$	1.00	0.90	1.00	1.00
	Sfavorevole			1.10	1.30	1.00
PERMANENTI NON STRUTT.	Favorevole	$\gamma_{G2}$	1.00	0.00	0.00	0.00
	Sfavorevole			1.50	1.50	1.30
VARIABILI	Favorevole	$\gamma_{Q1}$	1.00	0.00	0.00	0.00
	Sfavorevole			1.50	1.50	1.30

Coefficienti  $\psi_i$  di moltiplicazione delle azioni in accordo al D.M. 14-01-2008:

$\psi_0$	1.00	Combinazione caratteristica (rara) e fondamentale (SLU)
$\psi_1$	1.00	Combinazione frequente
$\psi_2$	1.00	Combinazione sismica e quasi permanente (Q.P.)

Coefficiente d'uso  $\psi^*$  per i carichi permanenti:

$\psi^*$	1.00
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Comb.	p.p.	t. post.	t. ant.	q perm.	Np, Vp, Mp	q acc.	N, V, Macc.
1 (GEO)	1.000	1.000	0.000	1.000	1.000	1.300	1.300
2 (SLV)	1.000	1.000	0.000	1.000	1.000	1.000	1.000
3 (STR)	1.300	1.300	0.000	1.300	1.300	1.500	1.500
4 (STR)	1.000	1.300	0.000	1.300	1.300	1.500	1.500
5 (RARA)	1.000	1.000	0.000	1.000	1.000	1.000	1.000
6 (FREQ)	1.000	1.000	0.000	1.000	1.000	1.000	1.000
7 (Q.P.)	1.000	1.000	0.000	1.000	1.000	1.000	1.000
8 (SLV GEO)	1.000	1.000	0.000	1.000	1.000	1.000	1.000

Comb.	Posiz.	N [kN]	Mg [kNm]	Mr [kNm]	Fh [kN]
1 (GEO)	BF	93.5	0.0	-182.4	0.0
2 (SLV)	BF	70.1	13.5	-123.2	18.6
	BE	9.4	15.7	0.0	23.8
3 (STR)	BF	118.2	0.0	-230.4	0.0
	BE	12.2	18.6	0.0	28.5
4 (STR)	BF	105.2	0.0	-205.2	0.0
	BE	9.4	18.6	0.0	28.5
5 (RARA)	BF	88.1	0.0	-171.8	0.0
	BE	9.4	13.0	0.0	20.2
6 (FREQ)	BF	88.1	0.0	-171.8	0.0
	BE	9.4	13.0	0.0	20.2
7 (Q.P.)	BF	88.1	0.0	-171.8	0.0
	BE	9.4	13.0	0.0	20.2
8 (SLV GEO)	BF	70.1	13.5	-123.2	18.6

**AZIONI E SOLLECITAZIONI NELLA STRUTTURA**
**Base fondazione**

Combinazione	N [KN]	M [KNm]	T [KN]
1 (GEO)	93.5	0.0	0.0
2 (SLV)	70.1	13.5	18.6
3 (STR)	118.2	0.0	0.0
4 (STR)	105.2	0.0	0.0
5 (RARA)	88.1	0.0	0.0
6 (FREQ)	88.1	0.0	0.0
7 (Q.P.)	88.1	0.0	0.0
8 (SLV GEO)	70.1	13.5	18.6

**AZIONI E SOLLECITAZIONI NELLA STRUTTURA**
**Base elevazione**

Combinazione	Elevazione sinistra			Elevazione destra		
	N [KN]	M [KNm]	T [KN]	N [KN]	M [KNm]	T [KN]
2 (SLV)	9.4	15.7	23.8	9.4	15.7	23.8
3 (STR)	12.2	18.6	28.5	12.2	18.6	28.5
4 (STR)	9.4	18.6	28.5	9.4	18.6	28.5
5 (RARA)	9.4	13.0	20.2	9.4	13.0	20.2
6 (FREQ)	9.4	13.0	20.2	9.4	13.0	20.2
7 (Q.P.)	9.4	13.0	20.2	9.4	13.0	20.2

**VERIFICA DELLA CAPACITA' LIMITE ULTIMA DEL TERRENO**

I coefficienti d'uso per la valutazione della capacità portante seguono la teoria di HANSEN.

	1 (GEO)	8 (SLV GEO)
M [KNm]	0.00	13.53
N [KN]	93.53	70.13
H [KN]	0.00	18.64
e [m]	0.00	0.19
B' [m]	3.90	3.51
D [m]	0.25	0.25
q [KN/mq]	5.00	5.00
Ng	20.81	20.81
Nq	23.19	23.19
Nc	35.51	35.51
In condizioni drenate		
ig	1.00	1.00
iq	1.00	1.00
ic	1.00	1.00
dq	1.02	1.02
dc	1.02	1.02
sc	1.00	1.00
sq	1.00	1.00
sg	1.00	1.00
q lim [KN/mq]	929.55	849.51
q	< N/B'	< N/B'
Fs	48.71	56.47

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**AZIONI E SOLLECITAZIONI NELLE SEZIONI DELLA**

**FONDAZIONE**

AZIONI - CONDIZIONI DI CARICO		T.A. - SLV			
		Sbalzo	Incastro sx	Mezzeria	Incastro dx
p.p.	Fv	1.3	12.2	21.6	30.9
	Mg()	0.1	1.8	27.1	66.5
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	2.6	2.6	2.6
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	-2.3	-2.3	-2.3
	Mr i	0.0	0.0	0.0	0.0
t. post.	Fv	13.5	13.5	13.5	13.5
	Mg()	1.4	4.7	25.0	45.2
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	11.8	11.8	11.8
	Fhs	0.0	17.1	17.1	17.1
	Mg	0.0	-5.4	-5.4	-5.4
	Mgs	0.0	-12.8	-12.8	-12.8
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	3.8	3.8	3.8
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	-3.3	-3.3	-3.3
	Mr i	0.0	0.0	0.0	0.0
t. ant.	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
q perm.	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0

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	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
N p	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
	q acc.	Fv	9.0	9.0	9.0
Mg()		0.9	3.2	16.7	30.2
Mr()		0.0	0.0	0.0	0.0
Fh		0.0	13.4	13.4	13.4
Fhs		0.0	9.8	9.8	9.8
Mg		0.0	-10.1	-10.1	-10.1
Mgs		0.0	-7.3	-7.3	-7.3
Mr		0.0	0.0	0.0	0.0
Mrs		0.0	0.0	0.0	0.0
Fi h		0.0	0.0	0.0	0.0
Fi v		0.0	0.0	0.0	0.0
Mg i		0.0	0.0	0.0	0.0
Mr i		0.0	0.0	0.0	0.0
N, M, V acc.		Fv	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0

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AZIONI - CONDIZIONI DI CARICO		STR			
		Sbalzo	Incastro sx	Mezzeria	Incastro dx
p.p.	Fv	1.3	12.2	21.6	30.9
	Mg()	0.1	1.8	27.1	66.5

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	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	2.6	2.6	2.6
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	-2.3	-2.3	-2.3
	Mr i	0.0	0.0	0.0	0.0
t. post.	Fv	13.5	13.5	13.5	13.5
	Mg()	1.4	4.7	25.0	45.2
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	11.8	11.8	11.8
	Fhs	0.0	17.1	17.1	17.1
	Mg	0.0	-5.4	-5.4	-5.4
	Mgs	0.0	-12.8	-12.8	-12.8
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	3.8	3.8	3.8
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	-3.3	-3.3	-3.3
	Mr i	0.0	0.0	0.0	0.0
t. ant.	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
q perm.	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
N p	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0

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	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
q acc.	Fv	9.0	9.0	9.0	9.0
	Mg()	0.9	3.2	16.7	30.2
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	13.4	13.4	13.4
	Fhs	0.0	9.8	9.8	9.8
	Mg	0.0	-10.1	-10.1	-10.1
	Mgs	0.0	-7.3	-7.3	-7.3
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0
N, M, V acc.	Fv	0.0	0.0	0.0	0.0
	Mg()	0.0	0.0	0.0	0.0
	Mr()	0.0	0.0	0.0	0.0
	Fh	0.0	0.0	0.0	0.0
	Fhs	0.0	0.0	0.0	0.0
	Mg	0.0	0.0	0.0	0.0
	Mgs	0.0	0.0	0.0	0.0
	Mr	0.0	0.0	0.0	0.0
	Mrs	0.0	0.0	0.0	0.0
	Fi h	0.0	0.0	0.0	0.0
	Fi v	0.0	0.0	0.0	0.0
	Mg i	0.0	0.0	0.0	0.0
	Mr i	0.0	0.0	0.0	0.0

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Sollecitazioni nelle sezioni della fondazione				
Combinazione	sbalzo sinistro		incastro sinistro	
	M[KNm]	T[KN]	M[KNm]	T[KN]
2 (SLV)	1.2	12.2	-18.6	19.7
3 (STR)	2.7	26.6	-12.0	33.3
4 (STR)	2.7	26.9	-12.2	31.1
5 (RARA)	1.9	19.2	-8.1	24.5
6 (FREQ)	1.9	19.2	-8.1	24.5
7 (Q.P.)	1.9	19.2	-8.1	24.5
Combinazione	mezzeria			
	M[KNm]		T[KN]	
2 (SLV)	0.8		5.2	

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3 (STR)	13.0	0.0		
4 (STR)	11.1	0.0		
5 (RARA)	10.3	0.0		
6 (FREQ)	10.3	0.0		
7 (Q.P.)	10.3	0.0		
Combinazione	<b>incastro destro</b>		<b>sbalzo destro</b>	
	<b>M[KNm]</b>	<b>T[KN]</b>	<b>M[KNm]</b>	<b>T[KN]</b>
2 (SLV)	-6.1	-15.5	1.0	10.1
3 (STR)	-12.0	-33.3	2.7	26.6
4 (STR)	-12.2	-31.1	2.7	26.9
5 (RARA)	-8.1	-24.5	1.9	19.2
6 (FREQ)	-8.1	-24.5	1.9	19.2
7 (Q.P.)	-8.1	-24.5	1.9	19.2

## 9.6 Verifiche di resistenza e fessurazione – muro a U

### 9.6.1 Elevazione – sezione di base

La sezione di base dell'elevazione ha spessore di 25 cm ed è armata superiormente e inferiormente con ferri  $\Phi 12/20$ .

#### Calcestruzzo

Classe	=	C32/40		
Rck	≥	40	MPa	Valore caratteristico resistenza cubica
fck	=	33.2	MPa	Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa	Valore medio resistenza cilindrica
fctm	=	3.10	MPa	Valore medio resistenza a trazione semplice
fcfm	=	3.72	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	33643	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa	Resistenza di calcolo a compressione
fctd	=	1.45	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
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#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
f <sub>yk</sub> nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
f <sub>tk</sub> nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
E <sub>s</sub>	=	210000	MPa	Modulo elastico
f <sub>yd</sub>	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base

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H = 25 cm altezza  
A cls = 2500 cmq area di cls

### Sistema di armatura per sollecitazioni $M_X-V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_X$

positiva)

d1 = 12 mm diametro ferri prima fila  
c1 = 6.00 cm copriferro ferri prima fila  
i1 = 20.00 cm interasse ferri prima fila  
As1 = 5.65 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As3 = 0.00 cmq area acciaio ferri terza fila  
As = 5.65 cmq area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_X$

positiva)

d1 = 12 mm diametro ferri prima fila  
c1 = 6.00 cm copriferro ferri prima fila  
i1 = 20.00 cm interasse ferri prima fila  
As'1 = 5.65 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As'2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As'3 = 0.00 cmq area acciaio ferri terza fila  
As' = 5.65 cmq area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$  = 45 ° Inclinazione della biella di cls (standard: 45°)

Asw 1° ordine:

$\alpha$  = 0 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 0

$\varphi 1$  = 0 mm Diametro staffe primo ordine

s = 0 mm Passo delle staffe

Asw 2° ordine:

$\alpha$  = 0 ° staffe: 90°; ferri piegati: angolo minore di 90°

n° bracci = 0

$\varphi 2$  = 0 mm Diametro staffe secondo ordine

s = 0 mm Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$V_{Sd Y}$  = 29 kN Massima azione di taglio agente sulla sezione

$V_{Rd Y}$  = 98 kN Risorsa resistente a taglio della sezione

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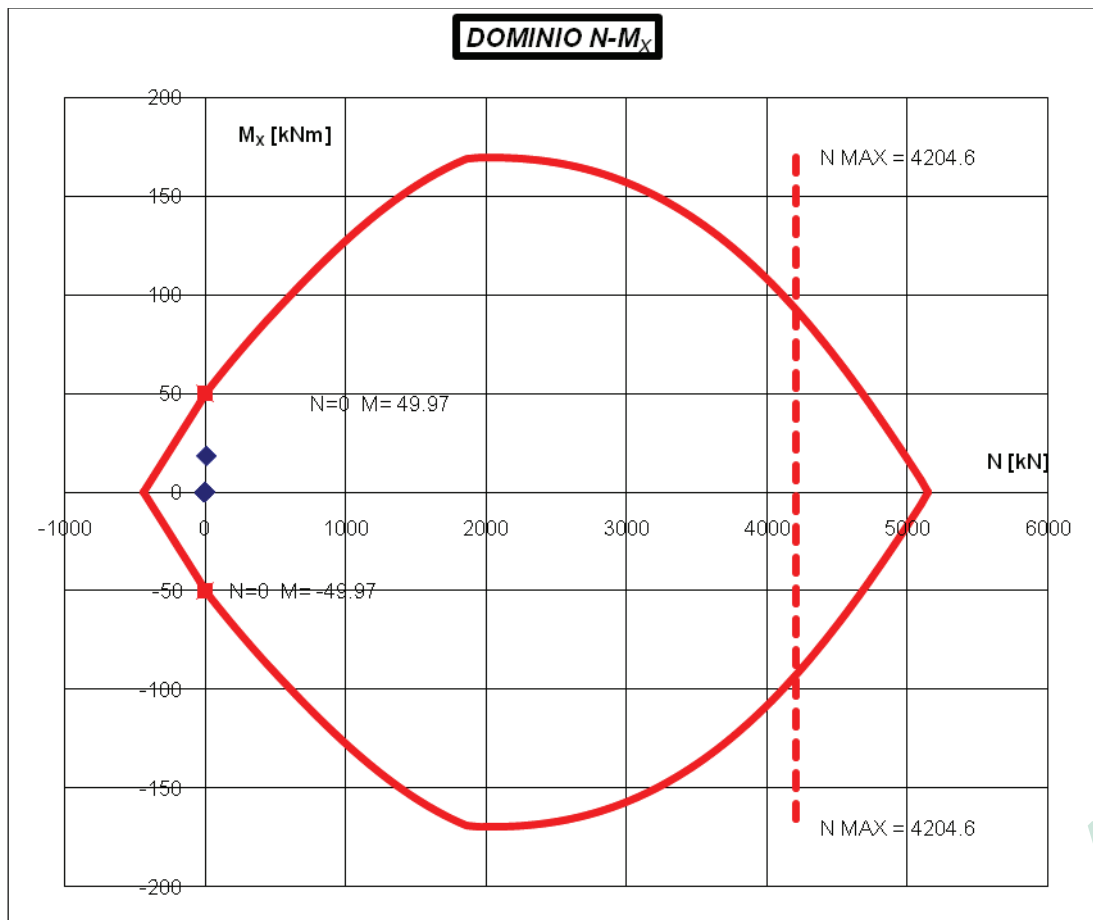




SF = 3.43 [-] Coefficiente di sicurezza per sollecitazione  $V_Y$   
La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

**Combinazioni di carico e verifica a pressoflessione retta**

n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	N+MX
							SF
0	3 (STR)	12.2	18.6	28.5			<b>2.76</b>
0	4 (STR)	9.4	18.6	28.5			<b>2.75</b>



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**Caratteristiche dei materiali**

Rck = 40 MPa resistenza caratteristica a 28 giorni del calcestruzzo

Ec = 33643 MPa modulo elastico del calcestruzzo

**Acciaio B 450 C saldabile** tipo di acciaio

Es = 210000 MPa modulo elastico dell'acciaio

n = 15 coefficiente di omogeneizzazione

**Tensioni ammissibili**

sigma c amm = 12.25 MPa tensione ammissibile del cls a compressione

tau c0 = 0.73 MPa tensione ammissibile del cls a taglio senza l'ausilio di armatura

tau c1 = 2.11 MPa tensione ammissibile del cls a taglio con l'ausilio di armatura

fctm = 3.10 MPa tensione media ammissibile nel cls a trazione

fctm = 3.72 MPa tensione ammissibile nel cls a trazione per flessione

sigma s amm = 255 MPa tensione ammissibile dall'acciaio

tau b = 2.20 MPa tensione tangenziale di aderenza delle barre

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### Caratteristiche geometriche

Sezione di cls

B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

Armatura in zona tesa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

Armatura in zona compressa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Sezione ideale interamente reagente omogeneizzata a cls

Ai	=	2670	cmq	area
S*i sup	=	33371	cmc	momento statico superiore
ygi sup	=	12.50	cm	posizione del baricentro rispetto alla fibra superiore
Ji	=	136114	cm <sup>4</sup>	momento d'inerzia
Wi sup	=	10889	cmc	momento resistente superiore
Wi inf	=	10889	cmc	momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali: Ordinarie

Armatore poco sensibili alla corrosione.

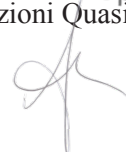
La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.3	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura

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c'	=	4.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	5.0		numero di ferri in zona tesa
s	=	16.80	cm	passo dell'armatura in zona tesa
d max	=	12	mm	diametro massimo dell'armatura in zona tesa
d min	=	12	mm	diametro minimo dell'armatura in zona tesa
c	=	6.00	cm	copriferro armatura in zona tesa
dist	=	0.00	cm	distanza fra le file di barre in zona tesa

	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	Mf > M ?	[mm]	
COMBO	N	M <sub>X</sub>	σ <sub>c</sub> max	σ <sub>s</sub> max	σ <sub>s</sub> min	σ <sub>s</sub> ' max	σ <sub>s</sub> ' min	M f	Mf > M ?	wk
INVSIS	9.4	15.7	3.99	151.5	151.5	15.9	15.9	34.60	SI	-
INVRAR	9.4	13.0	3.28	123.3	123.3	12.6	12.6	34.78	SI	-
INVFRE	9.4	13.0	-	-	-	-	-	34.78	SI	OK
INVQPE	9.4	13.0	3.28	123.3	123.3	12.6	12.6	34.78	SI	OK

### 9.6.2 Fondazione – sezione di incastro

La sezione di incastro della fondazione ha dimensioni 25x100 cm ed è armata superiormente e inferiormente con ferri Φ12/20.

#### Calcestruzzo

Classe	=	C28/35		
Rck	≥	35	MPa	Valore caratteristico resistenza cubica
fck	=	29.05	MPa	Valore caratteristico resistenza cilindrica
fcm	=	37.05	MPa	Valore medio resistenza cilindrica
fctm	=	2.83	MPa	Valore medio resistenza a trazione semplice
fctfm	=	3.40	MPa	Valore medio resistenza a trazione per flessione
ν	=	0.2		Coefficiente di Poisson
Ecm	=	32588	MPa	Modulo elastico
γ <sub>c</sub>	=	1.5		Coefficiente parziale di sicurezza
α <sub>cc</sub>	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	16.46	MPa	Resistenza di calcolo a compressione
fctd	=	1.32	MPa	Resistenza di calcolo a trazione
ε <sub>cu</sub>	=	0.0035		Deformazione a rottura per il calcestruzzo
ε <sub>c0</sub>	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15	Coefficiente di omogeneizzazione
---	---	----	----------------------------------

#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
f <sub>yk</sub> nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
f <sub>tk</sub> nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
γ <sub>s</sub>	=	1.15		Coefficiente parziale di sicurezza
E <sub>s</sub>	=	210000	MPa	Modulo elastico
f <sub>yd</sub>	=	391.3	MPa	Resistenza di calcolo
ε <sub>su</sub>	=	0.01		Deformazione a rottura per l'acciaio

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### Caratteristiche geometriche

Sezione di cls

B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

### Sistema di armatura per sollecitazioni $M_X-V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_X$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_X$

positiva)

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Armatura trasversale, staffe e/o ferri piegati (per sollecitazione  $V_Y$ )

$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
Asw 1° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 1$	=	0	mm	Diametro staffe primo ordine
s	=	0	mm	Passo delle staffe
Asw 2° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
s	=	0	mm	Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a

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taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$$V_{SdY} = 33 \quad \text{kN} \quad \text{Massima azione di taglio agente sulla sezione}$$

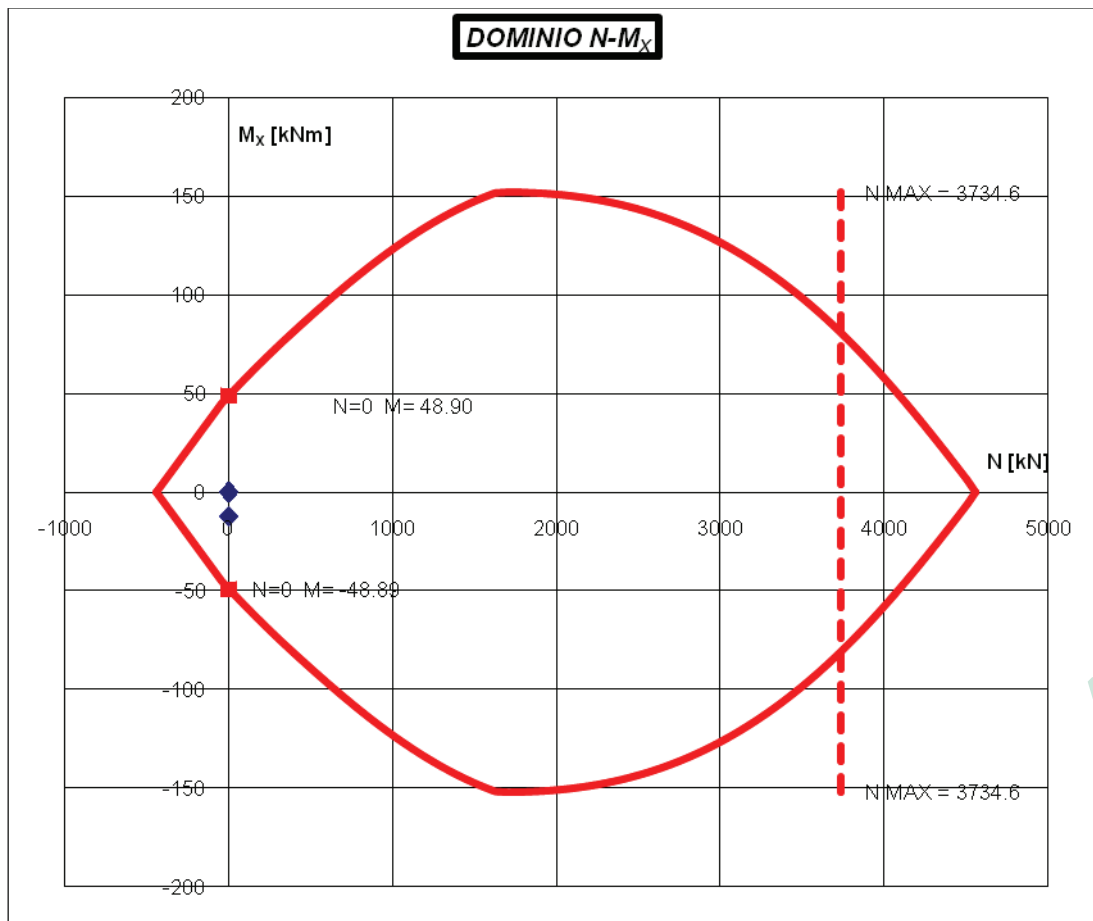
$$V_{RdY} = 94 \quad \text{kN} \quad \text{Risorsa resistente a taglio della sezione}$$

$$SF = 2.81 \quad [-] \quad \text{Coefficiente di sicurezza per sollecitazione } V_Y$$

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

### Combinazioni di carico e verifica a pressoflessione retta

							N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	SF
0	3 (STR)		-12.0	-33.3			<b>4.08</b>
0	4 (STR)		-12.2	-31.1			<b>4.01</b>



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### Caratteristiche dei materiali

Rck	=	35	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	32588	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>		21000		tipo di acciaio
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di

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omogeneizzazione

**Tensioni ammissibili**

sigma c amm	=	11.00	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.67	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	1.97	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	2.83	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.40	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.00	MPa	tensione tangenziale di aderenza delle barre

**Caratteristiche geometriche**

Sezione di cls

B	=	100	cm	base
H	=	25	cm	altezza

A cls	=	2500	cmq	area di cls
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Armatura in zona tesa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.65	cmq	area acciaio in zona tesa

Armatura in zona compressa

d1	=	12	mm	diametro ferri prima fila
c1	=	6.00	cm	copriferro ferri prima fila
i1	=	20.00	cm	interasse ferri prima fila
As'1	=	5.65	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.65	cmq	area di acciaio in zona compressa

Sezione ideale interamente reagente

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omogeneizzata a cls

Ai	=	2670	cmq	area
S*i sup	=	33371	cmc	momento statico superiore
ygi sup	=	12.50	cm	posizione del baricentro rispetto alla fibra superiore
		13611		
Ji	=	4	cm^4	momento d'inerzia
Wi sup	=	10889	cmc	momento resistente superiore
Wi inf	=	10889	cmc	momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali:

Ordinarie

Armature poco sensibili alla corrosione.

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.


La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.3	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	17.4	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	13.1	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura
c'	=	3.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	5.0		numero di ferri in zona tesa
s	=	16.80	cm	passo dell'armatura in zona tesa
d max	=	12	mm	diametro massimo dell'armatura in zona tesa
d min	=	12	mm	diametro minimo dell'armatura in zona tesa
c	=	6.00	cm	copriferro armatura in zona tesa
dist	=	0.00	cm	distanza fra le file di barre in zona tesa

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	[kN]		Verifica tensioni in esercizio					Verifica fessurazione		
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	Mf > M	mm
COMBO	N	M <sub>x</sub>	σ <sub>c</sub> max	σ <sub>s</sub> max	σ <sub>s</sub> min	σ <sub>s</sub> ' max	σ <sub>s</sub> ' min	M f	?	wk'

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	Doc. N. 60234-00000-A00.doc	CODIFICA DOCUMENTO 04RCDII100000000000100A00	REV. 00	FOGLIO 112 di 521

INVSIS	0.0	-6.1	-1.56	-62.3	-62.3	-7.3	-7.3	30.82	SI	-
INVRAR	0.0	-8.1	-2.07	-82.6	-82.6	-9.7	-9.7	30.82	SI	-
INVFRE	0.0	-8.1	-	-	-	-	-	30.82	SI	OK
INVQPE	0.0	-8.1	-2.07	-82.6	-82.6	-9.7	-9.7	30.82	SI	OK

## 9.7 Verifiche di resistenza e fessurazione – canale a U

### 9.7.1 Elevazione – sezione di base

La sezione di base del canale a U ha spessore di 25 cm ed è armata superiormente e inferiormente con rete elettrosaldata  $\Phi 8/10/10$ .

#### Calcestruzzo

Classe	=	C32/40	
Rck	≥	40	MPa Valore caratteristico resistenza cubica
fck	=	33.2	MPa Valore caratteristico resistenza cilindrica
fcm	=	41.2	MPa Valore medio resistenza cilindrica
fctm	=	3.10	MPa Valore medio resistenza a trazione semplice
fcfm	=	3.72	MPa Valore medio resistenza a trazione per flessione
$\nu$	=	0.2	Coefficiente di Poisson
Ecm	=	33643	MPa Modulo elastico
$\gamma_c$	=	1.5	Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85	Coefficiente risuttivo per resistenze di lunga durata
fcd	=	18.81	MPa Resistenza di calcolo a compressione
fctd	=	1.45	MPa Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035	Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002	Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15	Coefficiente di omogeneizzazione
---	---	----	----------------------------------

#### Acciaio per c.a.

Tipo	=	B 450 C	
f <sub>yk</sub> nom	=	450	MPa Valore nominale della tensione caratteristica di snervamento
f <sub>tk</sub> nom	=	540	MPa Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15	Coefficiente parziale di sicurezza
E <sub>s</sub>	=	210000	MPa Modulo elastico
f <sub>yd</sub>	=	391.3	MPa Resistenza di calcolo
$\epsilon_{su}$	=	0.01	Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls			
B	=	100	cm base
H	=	25	cm altezza
A <sub>cls</sub>	=	2500	cmq area di cls

#### Sistema di armatura per sollecitazioni M<sub>X</sub>-V<sub>Y</sub>

Armatura longitudinale inferiore (per sollecitazione M<sub>X</sub> positiva)

d1	=	8	mm diametro ferri prima fila
c1	=	4.00	cm copriferro ferri prima fila
i1	=	10.00	cm interasse ferri prima fila
As1	=	5.03	cmq area acciaio ferri prima fila
d2	=	0	mm diametro ferri seconda fila
c2	=	0.00	cm copriferro ferri seconda fila
i2	=	0.00	cm interasse ferri seconda fila

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As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.03	cmq	area acciaio in zona tesa
<b>Armatura longitudinale superiore (per sollecitazione <math>M_X</math> positiva)</b>				
d1	=	8	mm	diametro ferri prima fila
c1	=	4.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As'1	=	5.03	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.03	cmq	area di acciaio in zona compressa
<b>Armatura trasversale, staffe e/o ferri piegati (per sollecitazione <math>V_Y</math>)</b>				
$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
<b>Asw 1° ordine:</b>				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\phi 1$	=	0	mm	Diametro staffe primo ordine
s	=	0	mm	Passo delle staffe
<b>Asw 2° ordine:</b>				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\phi 2$	=	0	mm	Diametro staffe secondo ordine
s	=	0	mm	Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$V_{Sd Y}$	=	29	kN	Massima azione di taglio agente sulla sezione
$V_{Rd Y}$	=	99	kN	Risorsa resistente a taglio della sezione
SF	=	3.48	[-]	Coefficiente di sicurezza per sollecitazione $V_Y$

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

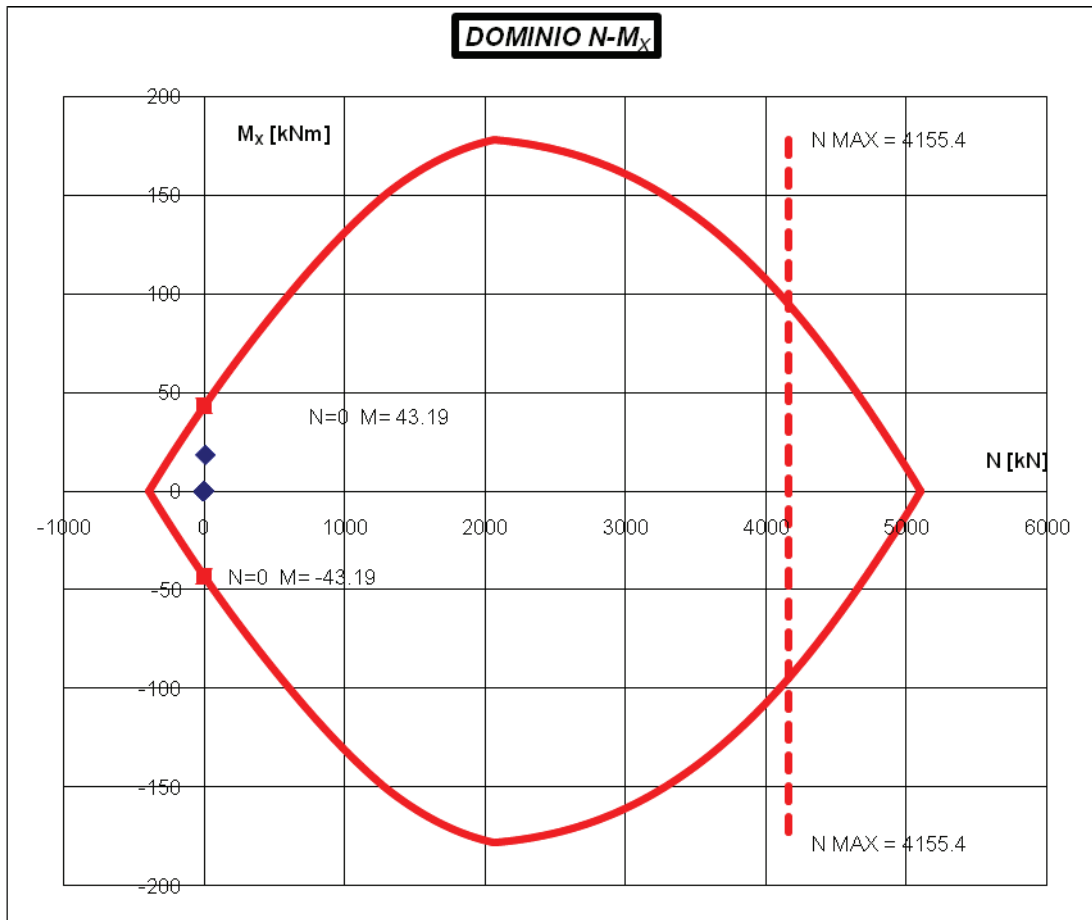
### Combinazioni di carico e verifica a pressoflessione

retta

							N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	SF
0	3 (STR)	12.2	18.6	28.5			<b>2.39</b>
0	4 (STR)	9.4	18.6	28.5			<b>2.38</b>

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### Caratteristiche dei materiali

Rck	=	40	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	33643	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				tipo di acciaio
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

### Tensioni ammissibili

sigma c amm	=	12.25	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.73	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	2.11	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	3.10	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.72	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.20	MPa	tensione tangenziale di aderenza delle barre

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### Caratteristiche geometriche

Sezione di cls

B = 100 cm base  
H = 25 cm altezza

A cls = 2500 cmq area di cls

Armatura in zona tesa

d1 = 8 mm diametro ferri prima fila  
c1 = 4.00 cm copriferro ferri prima fila  
i1 = 10.00 cm interasse ferri prima fila  
As1 = 5.03 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As3 = 0.00 cmq area acciaio ferri terza fila  
As = 5.03 cmq area acciaio in zona tesa

Armatura in zona compressa

d1 = 8 mm diametro ferri prima fila  
c1 = 4.00 cm copriferro ferri prima fila  
i1 = 10.00 cm interasse ferri prima fila  
As'1 = 5.03 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As'2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As'3 = 0.00 cmq area acciaio ferri terza fila  
As' = 5.03 cmq area di acciaio in zona compressa

Sezione ideale interamente reagente omogeneizzata a cls

Ai = 2651 cmq area  
S\*i sup = 33135 cmc momento statico superiore  
ygi sup = 12.50 cm posizione del baricentro rispetto alla fibra superiore  
14010  
Ji = 2 cm<sup>4</sup> momento d'inerzia  
Wi sup = 11208 cmc momento resistente superiore  
Wi inf = 11208 cmc momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali:


Ordinarie

Armature poco sensibili alla corrosione.

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	Doc. N. 60234-00000-A00.doc	CODIFICA DOCUMENTO 04RCDII100000000000100A00	REV. 00	FOGLIO 116 di 521

La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.3	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	19.9	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	14.9	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura
c'	=	4.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	8	mm	diametro massimo dell'armatura in zona tesa
d min	=	8	mm	diametro minimo dell'armatura in zona tesa
c	=	4.00	cm	copriferro armatura in zona tesa
dist	=	0.00	cm	distanza fra le file di barre in zona tesa

	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	Mf > M ?	[mm]
COMBO	N	M <sub>x</sub>	σc max	σs max	σs min	σs' max	σs' min	M f		wk'
INVSIS	9.4	15.7	3.35	155.6	155.6	-6.3	-6.3	35.64	SI	-
INVRAR	9.4	13.0	2.76	126.5	126.5	-5.6	-5.6	35.84	SI	-
INVFRE	9.4	13.0	-	-	-	-	-	35.84	SI	OK
INVQPE	9.4	13.0	2.76	126.5	126.5	-5.6	-5.6	35.84	SI	OK

### 9.7.2 Fondazione – sezione di incastro

La sezione di base del canale a U ha spessore di 25 cm ed è armata superiormente e inferiormente con rete elettrosaldata Φ8/10/10.

#### Calcestruzzo

Classe	=	C28/35		
Rck	≥	35	MPa	Valore caratteristico resistenza cubica
fck	=	29.05	MPa	Valore caratteristico resistenza cilindrica
fcm	=	37.05	MPa	Valore medio resistenza cilindrica
fctm	=	2.83	MPa	Valore medio resistenza a trazione semplice

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fcfm	=	3.40	MPa	Valore medio resistenza a trazione per flessione
$\nu$	=	0.2		Coefficiente di Poisson
Ecm	=	32588	MPa	Modulo elastico
$\gamma_c$	=	1.5		Coefficiente parziale di sicurezza
$\alpha_{cc}$	=	0.85		Coefficiente risuttivo per resistenze di lunga durata
fcd	=	16.46	MPa	Resistenza di calcolo a compressione
fctd	=	1.32	MPa	Resistenza di calcolo a trazione
$\epsilon_{cu}$	=	0.0035		Deformazione a rottura per il calcestruzzo
$\epsilon_{c0}$	=	0.002		Def. limite del tratto a parabola del legame costitutivo del calcestruzzo

Valori per studio alle tensioni ammissibili:

n	=	15		Coefficiente di omogeneizzazione
---	---	----	--	----------------------------------

#### Acciaio per c.a.

Tipo	=	<b>B 450 C</b>		
fyk nom	=	450	MPa	Valore nominale della tensione caratteristica di snervamento
ftk nom	=	540	MPa	Valore nominale della tensione caratteristica di rottura
$\gamma_s$	=	1.15		Coefficiente parziale di sicurezza
Es	=	210000	MPa	Modulo elastico
fyd	=	391.3	MPa	Resistenza di calcolo
$\epsilon_{su}$	=	0.01		Deformazione a rottura per l'acciaio

#### Caratteristiche geometriche

Sezione di cls				
B	=	100	cm	base
H	=	25	cm	altezza
A cls	=	2500	cmq	area di cls

#### Sistema di armatura per sollecitazioni $M_X-V_Y$

Armatura longitudinale inferiore (per sollecitazione  $M_X$

positiva)

d1	=	8	mm	diametro ferri prima fila
c1	=	4.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As1	=	5.03	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As2	=	0.00	cmq	area acciaio ferri seconda fila
d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As3	=	0.00	cmq	area acciaio ferri terza fila
As	=	5.03	cmq	area acciaio in zona tesa

Armatura longitudinale superiore (per sollecitazione  $M_X$

positiva)

d1	=	8	mm	diametro ferri prima fila
c1	=	4.00	cm	copriferro ferri prima fila
i1	=	10.00	cm	interasse ferri prima fila
As'1	=	5.03	cmq	area acciaio ferri prima fila
d2	=	0	mm	diametro ferri seconda fila
c2	=	0.00	cm	copriferro ferri seconda fila
i2	=	0.00	cm	interasse ferri seconda fila
As'2	=	0.00	cmq	area acciaio ferri seconda fila

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d3	=	0	mm	diametro ferri terza fila
c3	=	0.00	cm	copriferro ferri terza fila
i3	=	0.00	cm	interasse ferri terza fila
As'3	=	0.00	cmq	area acciaio ferri terza fila
As'	=	5.03	cmq	area di acciaio in zona compressa
Armatura trasversale, staffe e/o ferri piegati (per sollecitazione $V_Y$ )				
$\theta$	=	45	°	Inclinazione della biella di cls (standard: 45°)
Asw 1° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 1$	=	0	mm	Diametro staffe primo ordine
s	=	0	mm	Passo delle staffe
Asw 2° ordine:				
$\alpha$	=	0	°	staffe: 90°; ferri piegati: angolo minore di 90°
n° bracci	=	0		
$\varphi 2$	=	0	mm	Diametro staffe secondo ordine
s	=	0	mm	Passo delle staffe

### Verifica a taglio della sezione maggiormente sollecitata

( $V_Y$ ):

Nella verifica a taglio NON si considera l'effetto positivo della compressione sulla sezione.

Nella verifica a taglio si considera l'effetto positivo dovuto ai meccanismi secondari di resistenza a taglio.

Nella sezione non sono previste armature per far fronte a sollecitazioni taglianti.

$$V_{SdY} = 33 \quad \text{kN} \quad \text{Massima azione di taglio agente sulla sezione}$$

$$V_{RdY} = 95 \quad \text{kN} \quad \text{Risorsa resistente a taglio della sezione}$$

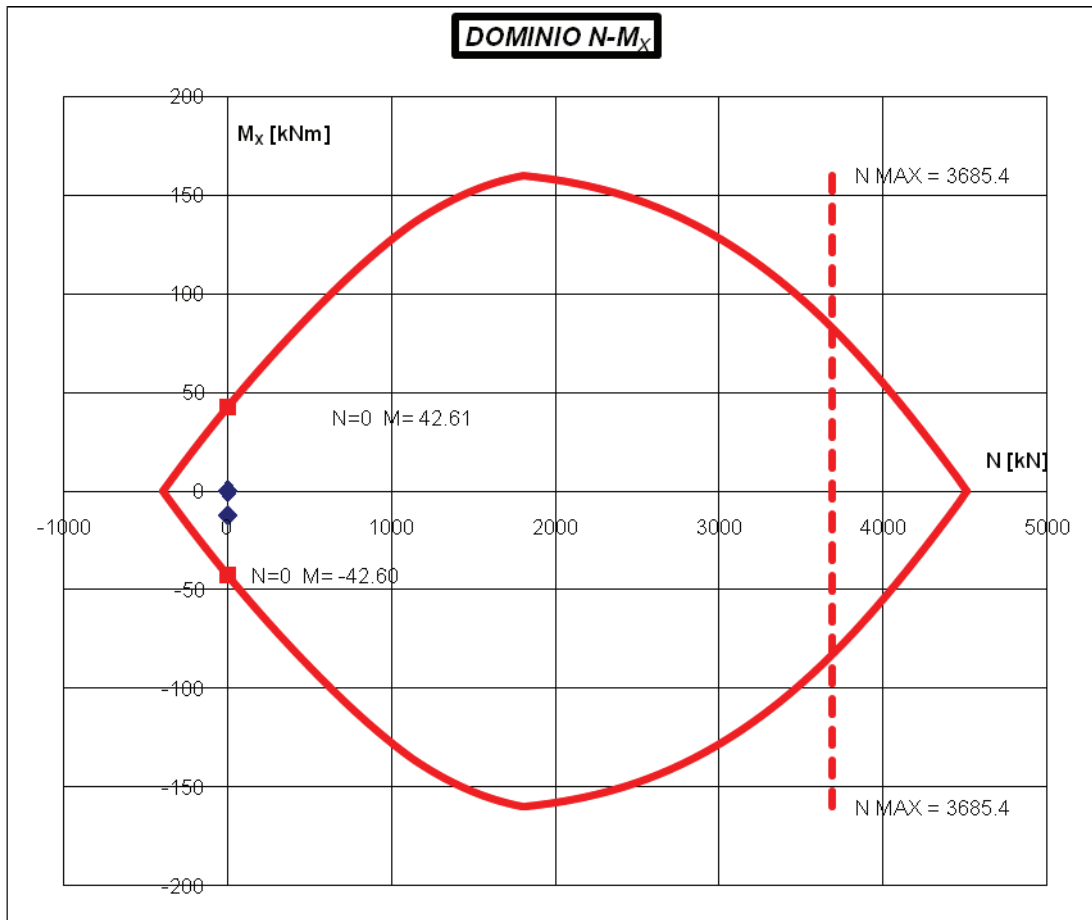
$$SF = 2.86 \quad [-] \quad \text{Coefficiente di sicurezza per sollecitazione } V_Y$$

La verifica a taglio per sollecitazione  $V_Y$  è soddisfatta.

### Combinazioni di carico e verifica a pressoflessione retta

							N+MX
n°	COMB	N [kN]	MX [kNm]	VY [kN]	MY [kNm]	VX [kN]	SF
0	3 (STR)		-12.0	-33.3			<b>3.56</b>
0	4 (STR)		-12.2	-31.1			<b>3.50</b>

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### Caratteristiche dei materiali

Rck	=	35	MPa	resistenza caratteristica a 28 giorni del calcestruzzo
Ec	=	32588	MPa	modulo elastico del calcestruzzo
<b>Acciaio B 450 C saldabile</b>				
		21000		
Es	=	0	MPa	modulo elastico dell'acciaio
n	=	15		coefficiente di omogeneizzazione

### Tensioni ammissibili

sigma c amm	=	11.00	MPa	tensione ammissibile del cls a compressione
tau c0	=	0.67	MPa	tensione ammissibile del cls a taglio senza l'ausilio di armatura
tau c1	=	1.97	MPa	tensione ammissibile del cls a taglio con l'ausilio di armatura
fctm	=	2.83	MPa	tensione media ammissibile nel cls a trazione
fcfm	=	3.40	MPa	tensione ammissibile nel cls a trazione per flessione
sigma s amm	=	255	MPa	tensione ammissibile dall'acciaio
tau b	=	2.00	MPa	tensione tangenziale di aderenza delle barre

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### Caratteristiche geometriche

Sezione di cls

B = 100 cm base  
H = 25 cm altezza

A cls = 2500 cmq area di cls

Armatura in zona tesa

d1 = 8 mm diametro ferri prima fila  
c1 = 4.00 cm copriferro ferri prima fila  
i1 = 10.00 cm interasse ferri prima fila  
As1 = 5.03 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As3 = 0.00 cmq area acciaio ferri terza fila  
As = 5.03 cmq area acciaio in zona tesa

Armatura in zona compressa

d1 = 8 mm diametro ferri prima fila  
c1 = 4.00 cm copriferro ferri prima fila  
i1 = 10.00 cm interasse ferri prima fila  
As'1 = 5.03 cmq area acciaio ferri prima fila  
d2 = 0 mm diametro ferri seconda fila  
c2 = 0.00 cm copriferro ferri seconda fila  
i2 = 0.00 cm interasse ferri seconda fila  
As'2 = 0.00 cmq area acciaio ferri seconda fila  
d3 = 0 mm diametro ferri terza fila  
c3 = 0.00 cm copriferro ferri terza fila  
i3 = 0.00 cm interasse ferri terza fila  
As'3 = 0.00 cmq area acciaio ferri terza fila  
area di acciaio in zona compressa

Sezione ideale interamente reagente

omogeneizzata a cls

Ai = 2651 cmq area  
S\*i sup = 33135 cmc momento statico superiore  
posizione del baricentro rispetto alla fibra superiore  
ygi sup = 12.50 cm  
14010  
Ji = 2 cm<sup>4</sup> momento d'inerzia  
Wi sup = 11208 cmc momento resistente superiore  
Wi inf = 11208 cmc momento resistente inferiore

### Caratteristiche di esposizione

Classe = XC2 classe di esposizione del sito

Condizioni ambientali:

Ordinarie

Armature poco sensibili alla corrosione.

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La verifica alla fessurazione è effettuata considerando i risultati delle combinazioni Frequente e Quasi permanente.

La verifica alle tensioni è effettuata considerando i risultati delle combinazioni Rara e Quasi Permanente.

wd - Frequente	≤	0.4	mm	apertura limite delle fessure per le combinazioni Frequente
wd - Q.P.	≤	0.3	mm	apertura limite delle fessure per le combinazioni Quasi Permanente
σc Rara	≤	17.4	MPa	tensione limite nel calcestruzzo per le combinazioni Rara
σc Q.P.	≤	13.1	MPa	tensione limite nel calcestruzzo per le combinazioni Quasi Permanente
σs	≤	360.0	MPa	tensione limite per l'acciaio di armatura
c'	=	3.0	cm	copriferro minimo da normativa per armatura in zona tesa
beta	=	1.7		
beta 1	=	1.0		
beta 2	=	0.5		1,0 carichi di breve durata - 0,5 carichi di lunga durata o ciclici
k 2	=	0.4		0,4 barre ad aderenza migliorata
k 3	=	0.125		0,125 asse neutro all'interno della sezione
num s	=	10.0		numero di ferri in zona tesa
s	=	10.00	cm	passo dell'armatura in zona tesa
d max	=	8	mm	diametro massimo dell'armatura in zona tesa
d min	=	8	mm	diametro minimo dell'armatura in zona tesa
c	=	4.00	cm	copriferro armatura in zona tesa
dist	=	0.00	cm	distanza fra le file di barre in zona tesa

	Verifica tensioni in esercizio						Verifica fessurazione			
	[kN]	[kNm]	[MPa]	[MPa]	[MPa]	[MPa]	[MPa]	[kNm]	Mf > M ?	[mm]
COMBO	N	M <sub>x</sub>	σc max	σs max	σs min	σs' max	σs' min	M f	?	wk'
INVSIS	0.0	-6.1	-1.30	-64.1	-64.1	1.7	1.7	31.72	SI	-
INVRAR	0.0	-8.1	-1.73	-84.9	-84.9	2.2	2.2	31.72	SI	-
INVFRE	0.0	-8.1	-	-	-	-	-	31.72	SI	OK
INVQPE	0.0	-8.1	-1.73	-84.9	-84.9	2.2	2.2	31.72	SI	OK

## 9.8 Armatura di ripartizione della struttura

Così come previsto dal D.M. 14 gennaio 2008, si prevede un'armatura longitudinale in misura non inferiore al 20%. L'armatura per l'opera in oggetto risulta essere:

Per quanto concerne il muro ad U :

soletta inferiore:                   φ10/20cm

soletta piedritti:                   φ10/20cm

Per quanto concerne il canale ad U l'armatura di ripartizione è data dalla rete elettrosaldata stessa φ8/10/10.

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## 10 ALLEGATI

### 10.1 Tabulati di input

File E:\Lavoro\_LIMA2\BDY01E\_Lavoro-Brebemi\_Lima2\BDY01E-nuovo IDA 15  
3x1\_5\_Lima\BDY01E-Modello IDA15\_Rp150\_Lima2\BDY01E-Modello  
IDA15\_input\_Lima.s2k was saved on 2/8/13 at 9.43.16

#### TABLE: "PROGRAM CONTROL"

ProgramName=SAP2000 Version=14.0.0 ProgLevel=Advanced  
LicenseOS=Yes LicenseSC=Yes LicenseBR=Yes LicenseHT=No  
CurrUnits="KN, m, C" SteelCode=AISC-ASD89 ConcCode="ACI 318-99"  
AlumCode="AA-ASD 2000" ColdCode=AISI-ASD96 \_  
BridgeCode="AASHTO LRFD 2007" RegentHinge=Yes

#### TABLE: "MATERIAL PROPERTIES 01 - GENERAL"

Material=C28/35 Type=Concrete SymType=Isotropic TempDepend=No  
Color=Blue Notes="ASTM A36 added 30/11/2011 10.10.56"  
Material=C32/40 Type=Concrete SymType=Isotropic TempDepend=No  
Color=Blue Notes="ASTM A36 added 30/11/2011 10.10.56"

#### TABLE: "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"

Material=C28/35 UnitWeight=25 UnitMass=2.54929048055605 E1=32588000  
G12=13578333.3333333 U12=0.2 A1=0.000011  
Material=C32/40 UnitWeight=25 UnitMass=2.54929048055605 E1=33643000  
G12=14017916.6666667 U12=0.2 A1=0.000011

#### TABLE: "MATERIAL PROPERTIES 03B - CONCRETE DATA"

Material=C28/35 Fc=27579.0315580631 LtWtConc=No SSCurveOpt=Mander  
SSHysType=Takeda SFC=2.21914221766202E-03 SCap=0.005 FinalSlope=-  
0.1 FAngle=0 DAngle=0  
Material=C32/40 Fc=27579.0315580631 LtWtConc=No SSCurveOpt=Mander  
SSHysType=Takeda SFC=2.21914221766202E-03 SCap=0.005 FinalSlope=-  
0.1 FAngle=0 DAngle=0

#### TABLE: "FRAME SECTION PROPERTIES 01 - GENERAL"

SectionName="Sp piedi" Material=C32/40 Shape=Rectangular t3=0.25 t2=1  
Area=0.25 TorsConst=4.38828786214193E-03 I33=1.30208333333333E-03  
I22=2.08333333333333E-02 AS2=0.208333333333333  
AS3=0.208333333333333  
S33=1.04166666666667E-02 S22=4.16666666666667E-02 Z33=0.015625  
Z22=0.0625 R33=7.21687836487032E-02 R22=0.288675134594813  
ConcCol=Yes ConcBeam=No Color=Blue TotalWt=21.875  
TotalMass=2.23062917048655 FromFile=No  
AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1 MMod=1  
WMod=1 Notes="Added 30/11/2011 10.17.22"  
SectionName="Sp solini" Material=C28/35 Shape=Rectangular t3=0.25 t2=1  
Area=0.25 TorsConst=4.38828786214193E-03 I33=1.30208333333333E-03  
I22=2.08333333333333E-02 AS2=0.208333333333333  
AS3=0.208333333333333  
S33=1.04166666666667E-02 S22=4.16666666666667E-02 Z33=0.015625  
Z22=0.0625 R33=7.21687836487032E-02 R22=0.288675134594813  
ConcCol=Yes ConcBeam=No Color=White TotalWt=24.375  
TotalMass=2.48555821854215 FromFile=No  
AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1 MMod=1  
WMod=1 Notes="Added 30/11/2011 10.17.04"  
SectionName="Sp solsup" Material=C32/40 Shape=Rectangular t3=0.25  
t2=1 Area=0.25 TorsConst=4.38828786214193E-03 I33=1.30208333333333E-  
03 I22=2.08333333333333E-02 AS2=0.208333333333333  
AS3=0.208333333333333  
S33=1.04166666666667E-02 S22=4.16666666666667E-02 Z33=0.015625  
Z22=0.0625 R33=7.21687836487032E-02 R22=0.288675134594813  
ConcCol=Yes ConcBeam=No Color=GrayDark TotalWt=20.3125  
TotalMass=2.07129851545179  
FromFile=No AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1  
MMod=1 WMod=1 Notes="Added 30/11/2011 10.15.09"

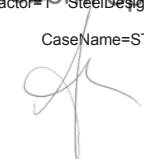
#### TABLE: "LOAD PATTERN DEFINITIONS"

LoadPat=DEAD DesignType=DEAD SelfWtMult=1  
LoadPat=PPST DesignType=DEAD SelfWtMult=1  
LoadPat=PPNS DesignType=DEAD SelfWtMult=0  
LoadPat=PPAQ DesignType=DEAD SelfWtMult=0  
LoadPat=ST1S DesignType=DEAD SelfWtMult=0  
LoadPat=ST2S DesignType=DEAD SelfWtMult=0  
LoadPat=ST3S DesignType=DEAD SelfWtMult=0  
LoadPat=ST4S DesignType=DEAD SelfWtMult=0  
LoadPat=ST1D DesignType=DEAD SelfWtMult=0  
LoadPat=ST2D DesignType=DEAD SelfWtMult=0  
LoadPat=ST3D DesignType=DEAD SelfWtMult=0  
LoadPat=ST4D DesignType=DEAD SelfWtMult=0

LoadPat=ST1SG DesignType=DEAD SelfWtMult=0  
LoadPat=ST2SG DesignType=DEAD SelfWtMult=0  
LoadPat=ST3SG DesignType=DEAD SelfWtMult=0  
LoadPat=ST4SG DesignType=DEAD SelfWtMult=0  
LoadPat=ST1DG DesignType=DEAD SelfWtMult=0  
LoadPat=ST2DG DesignType=DEAD SelfWtMult=0  
LoadPat=ST3DG DesignType=DEAD SelfWtMult=0  
LoadPat=ST4DG DesignType=DEAD SelfWtMult=0  
LoadPat=SW1S DesignType=DEAD SelfWtMult=0  
LoadPat=SW2S DesignType=DEAD SelfWtMult=0  
LoadPat=SW1D DesignType=DEAD SelfWtMult=0  
LoadPat=SW2D DesignType=DEAD SelfWtMult=0  
LoadPat=SA DesignType=DEAD SelfWtMult=0  
LoadPat=QM01 DesignType=LIVE SelfWtMult=0  
LoadPat=QM02 DesignType=LIVE SelfWtMult=0  
LoadPat=SQMS DesignType=LIVE SelfWtMult=0  
LoadPat=SQMD DesignType=LIVE SelfWtMult=0  
LoadPat=SQMSG DesignType=LIVE SelfWtMult=0  
LoadPat=SQMDG DesignType=LIVE SelfWtMult=0  
LoadPat=FA01 DesignType=LIVE SelfWtMult=0  
LoadPat=TC01 DesignType=LIVE SelfWtMult=0  
LoadPat=TC02 DesignType=LIVE SelfWtMult=0  
LoadPat=TV01 DesignType=LIVE SelfWtMult=0  
LoadPat=TV02 DesignType=LIVE SelfWtMult=0  
LoadPat=RIT DesignType=LIVE SelfWtMult=0  
LoadPat=IS01 DesignType=LIVE SelfWtMult=0  
LoadPat=SSTS DesignType=LIVE SelfWtMult=0  
LoadPat=IS02 DesignType=LIVE SelfWtMult=0

#### TABLE: "COMBINATION DEFINITIONS"

ComboName=SK0S ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST1S ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SK0S CaseType="Linear Static" CaseName=ST2S  
ScaleFactor=1  
ComboName=SKAS ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST3S ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SKAS CaseType="Linear Static" CaseName=ST4S  
ScaleFactor=1  
ComboName=SK0D ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST1D ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SK0D CaseType="Linear Static" CaseName=ST2D  
ScaleFactor=1  
ComboName=SKAD ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST3D ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SKAD CaseType="Linear Static" CaseName=ST4D  
ScaleFactor=1  
ComboName=SWS ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=SW1S ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SWS CaseType="Linear Static" CaseName=SW2S  
ScaleFactor=1  
ComboName=SWD ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=SW1D ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SWD CaseType="Linear Static" CaseName=SW2D  
ScaleFactor=1  
ComboName=SK0SG ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST1SG ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SK0SG CaseType="Linear Static" CaseName=ST2SG  
ScaleFactor=1  
ComboName=SKASG ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST3SG ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SKASG CaseType="Linear Static" CaseName=ST4SG  
ScaleFactor=1  
ComboName=SK0DG ComboType="Linear Add" AutoDesign=No  
CaseType="Linear Static" CaseName=ST1DG ScaleFactor=1 SteelDesign=No  
ConcDesign=No AlumDesign=No ColdDesign=No  
ComboName=SK0DG CaseType="Linear Static" CaseName=ST2DG  
ScaleFactor=1

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ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR018 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC01	ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR021 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST ScaleFactor=1	AutoDesign=No SteelDesign=No
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S
ComboName=STR018 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR021 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR019 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR021 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPNS	CaseName=PPNS	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR019 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR021 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR019 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR021 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=STR019 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
ComboName=STR019 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ComboName=STR021 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ComboName=STR019 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR019 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR019 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR019 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SA	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR019 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR019 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR019 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR019 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR019 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=FA01	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR019 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02	ComboName=STR021 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR022 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	CaseName=PPNS	ScaleFactor=1.35	CaseName=PPAQ
ComboName=STR019 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S
ComboName=STR020 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPNS	SteelDesign=No	ComboName=STR022 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ComboName=STR020 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPNS	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR022 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR020 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=STR020 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR022 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
ComboName=STR020 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01
ComboName=STR020 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR020 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR020 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR020 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR020 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02	ComboName=STR022 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ScaleFactor=0	CaseType="Linear Add"	AutoDesign=No ScaleFactor=1.35
ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR023	CaseName=PPST	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No
ComboName=STR020 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1.35

APPROVATO SBDP

Società di Progetto  
**Brebem SpA**









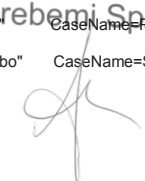




ComboName=STR040 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR043 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
ComboName=STR040 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No	CaseName=PPST	ScaleFactor=1.35
ComboName=STR040 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ConcDesign=No	CaseName=No ColdDesign=No	CaseName=PPNS
ComboName=STR040 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR043 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR041 CaseType="Linear Static"	CaseType="Linear Add"	AutoDesign=No	ComboName=STR043 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ConcDesign=No	CaseName=PPST	SteelDesign=No	ComboName=STR043 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
AlumDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR043 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ColdDesign=No	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR043 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR041 ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S	ComboName=STR043 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR041 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR043 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD
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ComboName=STR041 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR043 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01
ComboName=STR041 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR041 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR041 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR043 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=FA01
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR041 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR043 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR041 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC01	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR043 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR043 ScaleFactor=0	ComboType="Linear Add"	AutoDesign=No
ComboName=STR041 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=RIT	CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1.35
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	SteelDesign=No	CaseName=No ColdDesign=No	CaseName=PPNS
ComboName=STR041 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR044 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR042 CaseType="Linear Static"	CaseType="Linear Add"	AutoDesign=No	ComboName=STR044 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ConcDesign=No	CaseName=PPST	SteelDesign=No	ComboName=STR044 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
AlumDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR044 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
ColdDesign=No	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR044 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR042 ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S	ComboName=STR044 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR042 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR044 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=STR042 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR044 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
ComboName=STR042 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR044 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01
ComboName=STR042 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR042 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR042 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SA	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR042 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR042 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR044 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR042 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR042 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC01	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR044 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR045 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
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ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	SteelDesign=No	CaseName=No ColdDesign=No	CaseName=PPNS
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR045 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR042 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR045 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S

APPROVATO SBDP

Cristina Brogatto  
Brebemi SpA













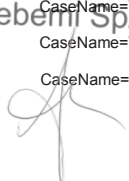




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ComboName=STR067 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01	ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR067 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR069 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR067 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR067 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR069 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR067 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02	ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR070 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35
ComboName=STR067 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR070 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR070 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR067 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR070 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR068 CaseType="Linear Static" ScaleFactor=1	CaseType="Linear Add" CaseName=PPST ScaleFactor=1	AutoDesign=No SteelDesign=No	ComboName=STR070 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR070 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR068 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR070 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD
ComboName=STR068 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR070 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
ComboName=STR068 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01
ComboName=STR068 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR068 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR068 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR068 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR070 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR068 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR070 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=RIT
ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR068 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02	ComboName=STR070 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
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ComboName=STR068 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR071 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
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ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR071 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR069 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR071 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR069 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR071 ScaleFactor=1	CaseType="Response Combo"	CaseName=SA
ComboName=STR069 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ComboName=STR071 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01
ComboName=STR069 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR071 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
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ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR071 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
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ComboName=STR069 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR071 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ComboName=STR069 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR071 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02

APPROVATO SDR

Società di Progetto  
**Brebeni SpA**










ComboName=STR080 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR082 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
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ComboName=STR080 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01	ComboName=STR083 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1
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ComboName=STR081 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR083 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
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ComboName=STR081 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR083 ScaleFactor=0	CaseType="Linear Static"	CaseName=SA
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ComboName=STR081 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR083 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
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ComboName=STR082 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR084 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR082 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR084 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR082 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR084 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR082 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR084 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SA
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ComboName=STR082 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR084 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02
ComboName=STR082 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR084 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR082 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=STR084 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR082 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=STR084 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
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ComboName=STR082 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR084 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
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ComboName=STR082 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR084 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR082 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR084 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
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ComboName=STR082 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	CaseType="Linear Static"	CaseName=PPST	SteelDesign=No
			ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	CaseName=IS01

APPROVED SDP

Società di Progetto  
**Brebem SpA**

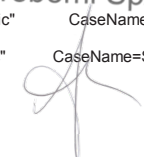




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ComboName=STR089 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR089 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR092 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35
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ComboName=STR089 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR092 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR090 CaseType="Linear Add"	AutoDesign=No	CaseName=IS01	ComboName=STR092 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
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ComboName=STR090 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR092 ScaleFactor=1	CaseType="Response Combo"	CaseName=SA
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ComboName=STR090 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR092 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02
ComboName=STR090 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR090 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
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ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR092 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC01
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ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR092 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR090 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC01	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR092 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR090 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR093 CaseType="Linear Add"	AutoDesign=No	ScaleFactor=1.35
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ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	ScaleFactor=1.35
ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR093 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR090 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR091 CaseType="Linear Add"	AutoDesign=No	CaseName=IS01	ComboName=STR093 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
CaseType="Linear Static"	CaseName=PPST	CaseName=IS01	ComboName=STR093 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
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ComboName=STR091 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR093 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR091 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR093 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SA
ComboName=STR091 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=STR093 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SA
ComboName=STR091 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR093 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01
ComboName=STR091 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR093 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02
ComboName=STR091 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR091 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR093 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=FA01
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR093 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TC02
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR091 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR091 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02	ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS

APPROVATO SDP

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ComboName=STR093 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR096 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR094 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR096 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
SteelDesign=No ConcDesign=No	CaseName=PPST	ScaleFactor=1.35	ComboName=STR096 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS
AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR096 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR094 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR096 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR094 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR096 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD
ComboName=STR094 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR096 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
ComboName=STR094 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01
ComboName=STR094 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR094 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR094 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD	ComboName=STR096 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD
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ComboName=STR094 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR096 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02
ComboName=STR094 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR094 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR096 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02
ComboName=STR094 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR094 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC01	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
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ComboName=STR094 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR094 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR097 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
ComboName=STR094 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No ConcDesign=No	CaseName=PPST	ScaleFactor=1.35
ComboName=STR094 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR094 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR097 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR095 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR097 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
CaseName=PPST	CaseName=PPST	ScaleFactor=1	ComboName=STR097 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR097 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS
ColdDesign=No	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR097 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR095 ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S	ComboName=STR097 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
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ComboName=STR095 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=SA
ComboName=STR095 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR097 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01
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ComboName=STR095 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR095 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR095 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR097 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR097 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR095 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC01	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR095 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR097 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR098 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No ConcDesign=No	CaseName=PPST	ScaleFactor=1.35
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR095 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR098 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR096 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR098 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
CaseName=PPST	CaseName=PPST	ScaleFactor=1	ComboName=STR098 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR098 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ColdDesign=No	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR098 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR096 ScaleFactor=0	CaseType="Linear Static"	CaseName=SKAD	ComboName=STR098 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD

APPROVATO SGP

Società di Progetto  
**Brebem SpA**

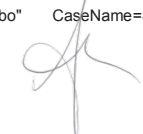




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ComboName=STR098 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ComboName=STR100 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=STR100 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR100 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR100 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR100 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR100 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
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ComboName=STR098 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02	ComboName=STR100 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR098 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR101 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPNS	CaseName=PPNS
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR101 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR101 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR098 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR101 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR099 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR101 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR101 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR099 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR101 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S	ComboName=STR101 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=STR099 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR101 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
ComboName=STR099 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=STR101 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01
ComboName=STR099 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR101 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02
ComboName=STR099 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR101 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR099 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR101 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD
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ComboName=STR099 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01	ComboName=STR101 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR099 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR101 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=STR099 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR101 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR101 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR101 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR101 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR099 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TC02	ComboName=STR101 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR099 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ComboName=STR102 CaseType="Linear Add"	AutoDesign=No ScaleFactor=1	AutoDesign=No SteelDesign=No
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPNS	CaseName=PPNS
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR102 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S
ComboName=STR099 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR102 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR100 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR102 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR102 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR100 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR102 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR100 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR102 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR100 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR102 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
ComboName=STR100 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ComboName=STR102 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ComboName=STR100 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR100 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR100 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR102 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD
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ComboName=STR100 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=QM01	ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR100 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=STR100 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR102 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01
ComboName=STR100 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR102 ScaleFactor=1.2	CaseType="Linear Static"	

ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=STR105 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35
ComboName=STR102 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	SteelDesign=No ConcDesign=No	CaseName=PPST	AlumDesign=No ColdDesign=No
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ComboName=STR103 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR105 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ConcDesign=No AlumDesign=No	CaseName=PPST	ScaleFactor=1	ComboName=STR105 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
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ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=STR103 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=STR103 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=FA01	ComboName=STR105 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02
ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR105 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01	ComboName=STR105 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=SSTS
ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02	ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR106 CaseType="Linear Add"	AutoDesign=No	ScaleFactor=1.35
ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	SteelDesign=No ConcDesign=No	CaseName=PPST	AlumDesign=No ColdDesign=No
ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR106 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPNS
ScaleFactor=0	CaseType="Linear Add"	AutoDesign=No	ComboName=STR106 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ
CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1.35	ComboName=STR106 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0S
SteelDesign=No ConcDesign=No	CaseName=PPNS	ScaleFactor=1.35	ComboName=STR106 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
AlumDesign=No ColdDesign=No	CaseName=PPNS	ScaleFactor=1.35	ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
ComboName=STR104 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D
ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S	ComboName=STR106 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS	ScaleFactor=1	CaseType="Response Combo"	CaseName=SA
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ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
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ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR106 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01	ScaleFactor=0.72	CaseType="Linear Static"	CaseName=SSTS
ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT	ComboName=STR106 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ScaleFactor=0.72	CaseType="Linear Static"	CaseName=SSTS	ScaleFactor=0	CaseType="Linear Add"	AutoDesign=No
ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ScaleFactor=0	CaseName=PPST	ScaleFactor=1.35
ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ScaleFactor=1.35	CaseName=PPNS	AlumDesign=No ColdDesign=No
ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ScaleFactor=0	CaseName=PPAQ	CaseName=PPNS
ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ScaleFactor=0	CaseName=SK0S	CaseName=PPAQ

APPROVATO SBDP

Stefano Brogatto  
 Bredemi SpA  
















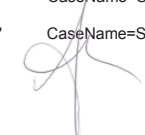




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ComboName=STR138 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD	ComboName=STR140 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=STR138 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ComboName=STR140 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
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ComboName=STR138 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR140 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR138 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR141 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35
ComboName=STR138 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02	CaseType="Linear Static"	CaseName=PPST	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No
ComboName=STR138 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=RIT	ComboName=STR141 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR138 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR141 ScaleFactor=0	CaseType="Response Combo"	CaseName=PPAQ
ComboName=STR138 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR141 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR139 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35	ComboName=STR141 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	CaseName=PPNS	ComboName=STR141 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ComboName=STR139 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR141 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR139 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR141 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWD
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ComboName=STR139 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR139 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR139 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
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ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR141 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV01
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR141 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR139 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=TV02	ComboName=STR141 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR139 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=RIT	ComboName=STR142 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	CaseType="Linear Static"	CaseName=PPST	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR142 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR139 ScaleFactor=0	CaseType="Linear Static"	CaseName=SA	ComboName=STR142 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR140 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No ScaleFactor=1.35	ComboName=STR142 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
CaseType="Linear Static"	CaseName=PPST	CaseName=PPNS	ComboName=STR142 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR142 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ComboName=STR140 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR142 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR140 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR142 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=STR140 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=STR142 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
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ComboName=STR140 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR142 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02
ComboName=STR140 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR142 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS
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APPROVATO SDR

Società di Progetto  
**Brebem SpA**











ComboName=STR155 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR158 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR156 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR158 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1	ComboName=STR158 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR158 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR156 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR158 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR156 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR158 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR156 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR158 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
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ComboName=STR156 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	CaseType="Linear Static"	CaseName=SQMD	
ComboName=STR156 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	CaseType="Linear Static"	CaseName=FA01	
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CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1	ComboName=STR159 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR159 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
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ComboName=STR157 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR159 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR157 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR159 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
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ComboName=STR157 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	CaseType="Linear Static"	CaseName=SQMD	
ComboName=STR157 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	CaseType="Linear Static"	CaseName=SQMD	
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ComboName=STR157 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=SSTS	CaseType="Linear Static"	CaseName=IS01	
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ComboName=STR158 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=STR160 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1.35	ComboName=STR160 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
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ComboName=STR158 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	CaseType="Response Combo"	CaseName=SK0D	
ComboName=STR158 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ	CaseType="Response Combo"	CaseName=SKAD	

APPROVATO SGP

Società di Progetto  
**Brebem SpA**







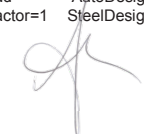




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ComboName=STR173 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR175 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR173 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01	ComboName=STR176 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35
ComboName=STR173 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR173 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT	ComboName=STR176 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR173 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR176 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ComboName=STR173 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR176 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR174 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR176 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR176 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
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ComboName=STR174 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=STR176 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01
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ComboName=STR174 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR176 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=STR174 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR176 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV01
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR176 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR176 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=SSTS
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ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR176 ScaleFactor=0	ComboType="Linear Add" CaseName=PPST	AutoDesign=No SteelDesign=No
ComboName=STR174 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02	CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR174 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT	ComboName=STR177 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR177 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S
ComboName=STR174 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS
ComboName=STR175 CaseType="Linear Static"	ComboType="Linear Add" CaseName=PPST	AutoDesign=No ScaleFactor=1.35	ComboName=STR177 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR177 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR175 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR177 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR175 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR175 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
ComboName=STR175 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ComboName=STR177 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
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ComboName=STR175 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR177 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
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ComboName=STR175 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=STR177 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
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ComboName=STR175 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR177 ScaleFactor=0	CaseType="Linear Static"	CaseName=RIT
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ComboName=STR175 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR177 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR175 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ScaleFactor=0	CaseType="Linear Add" CaseName=PPST	AutoDesign=No SteelDesign=No
ComboName=STR175 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02	ComboName=STR178 ScaleFactor=0	CaseType="Linear Add" CaseName=PPST	ScaleFactor=1
ComboName=STR175 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	CaseType="Linear Static"	CaseName=PPST	SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No

APPROVATO S.D.P.

Società di Progetto  
**Brebem SpA**

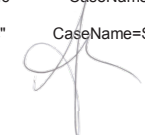




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ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR184 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR184 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT
ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR184 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR184 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR185 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
ComboName=STR182 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	ScaleFactor=1
ComboName=STR182 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT	ComboName=STR185 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPNS
ComboName=STR182 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ
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SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	ScaleFactor=1.35	ComboName=STR185 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SWS
ComboName=STR183 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPNS	ComboName=STR185 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ	ComboName=STR185 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD
ComboName=STR183 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S	ComboName=STR185 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=STR183 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=STR185 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
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ComboName=STR183 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=STR183 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ComboName=STR185 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS
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ComboName=STR183 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=STR183 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=STR183 ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=STR185 ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=STR185 ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=STR185 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ComboName=STR186 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No
ComboName=STR183 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	ScaleFactor=1
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ScaleFactor=1.2	CaseType="Linear Static"	CaseName=SSTS	ComboName=STR186 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ
ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ComboName=STR186 ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0S
ScaleFactor=0	ComboType="Linear Add"	AutoDesign=No	ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
CaseType="Linear Static"	CaseName=PPST	ScaleFactor=1.35	ComboName=STR186 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
SteelDesign=No ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D
ComboName=STR184 ScaleFactor=1.35	CaseType="Linear Static"	CaseName=PPAQ	ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD
ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA
ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SK0D	ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ScaleFactor=1.35	CaseType="Response Combo"	CaseName=SKAD	ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD
ScaleFactor=1.35	CaseType="Linear Static"	CaseName=SA	ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=FA01
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM01	ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=QM02	ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMS	ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ScaleFactor=1.0125	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0.72	CaseType="Linear Static"	CaseName=TV02
ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=RIT
ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=1.2	CaseType="Linear Static"	CaseName=SSTS
ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01

APPROVATO SDR

Società di Progetto  
**Brebem SpA**













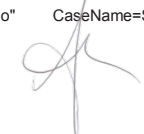




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ComboName=SIS13 ScaleFactor=1	CaseType="Linear Static"	CaseName=IS01	ComboName=SIS16	CaseType="Linear Static"	CaseName=PPNS
ComboName=SIS13 ScaleFactor=0.3	CaseType="Linear Static"	CaseName=IS02	ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ
ComboName=SIS14 CaseType="Linear Static"	CaseType="Linear Add"	AutoDesign=No	ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S
ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST ScaleFactor=1	SteelDesign=No	ComboName=SIS16	CaseType="Response Combo"	CaseName=SKAS
ComboName=SIS14 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPNS	ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=PPAQ	ComboName=SIS16	CaseType="Response Combo"	CaseName=SK0D
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ComboName=SIS14 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD
ComboName=SIS14 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=SIS16	CaseType="Linear Static"	CaseName=SA
ComboName=SIS14 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D	ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ComboName=SIS14 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=SIS16	CaseType="Linear Static"	CaseName=QM02
ComboName=SIS14 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
ComboName=SIS14 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=SIS14 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=SIS16	CaseType="Linear Static"	CaseName=TC01
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ScaleFactor=0.5	CaseType="Linear Static"	CaseName=TC02
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=SIS16	CaseType="Linear Static"	CaseName=TV01
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0.5	CaseType="Linear Static"	CaseName=TV02
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=SIS16	CaseType="Linear Static"	CaseName=RIT
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
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ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ScaleFactor=1	CaseType="Linear Static"	CaseName=IS02
ComboName=SIS14 ScaleFactor=0.5	CaseType="Linear Static"	CaseName=RIT	ComboName=SIS16	CaseType="Linear Add"	AutoDesign=No
ComboName=SIS14 ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS	CaseType="Linear Static"	CaseName=PPST ScaleFactor=1	SteelDesign=No
ComboName=SIS14 ScaleFactor=1	CaseType="Linear Static"	CaseName=IS01	ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ComboName=SIS14 ScaleFactor=1	CaseType="Linear Static"	CaseName=IS02	ComboName=SIS17	CaseType="Linear Static"	CaseName=PPAQ
ComboName=SIS14 ScaleFactor=0.3	CaseType="Linear Add"	AutoDesign=No	ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S
CaseType="Linear Static"	CaseName=PPST ScaleFactor=1	SteelDesign=No	ComboName=SIS17	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
ComboName=SIS15 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ	ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=SK0S	ComboName=SIS17	CaseType="Response Combo"	CaseName=SKAD
ComboName=SIS15 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
ComboName=SIS15 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ScaleFactor=0	CaseType="Response Combo"	CaseName=SA
ComboName=SIS15 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D	ComboName=SIS17	CaseType="Linear Static"	CaseName=QM01
ComboName=SIS15 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAD	ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=SIS15 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWD	ComboName=SIS17	CaseType="Linear Static"	CaseName=SQMS
ComboName=SIS15 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=SIS15 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ScaleFactor=0.5	CaseType="Linear Static"	CaseName=TC02
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=SIS17	CaseType="Linear Static"	CaseName=TV01
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=0.5	CaseType="Linear Static"	CaseName=RIT
ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=SIS17	CaseType="Linear Static"	CaseName=SSTS
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ComboName=SIS15 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ScaleFactor=1	CaseType="Linear Static"	CaseName=IS02
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ComboName=SIS15 ScaleFactor=1	CaseType="Linear Static"	CaseName=SSTS	ComboName=SIS18	CaseType="Linear Add"	AutoDesign=No
ScaleFactor=1	CaseType="Linear Static"	CaseName=IS01	CaseType="Linear Static"	CaseName=PPST ScaleFactor=1	SteelDesign=No
ScaleFactor=1	CaseType="Linear Static"	CaseName=IS02	ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS
ScaleFactor=0.3	CaseType="Linear Static"	CaseName=IS01	ComboName=SIS18	CaseType="Linear Static"	CaseName=PPAQ
ScaleFactor=0.3	CaseType="Linear Static"	CaseName=IS02	ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S
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APPROVATO SBDP

Società di Progetto  
**Brebemi SpA**











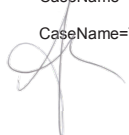




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ComboName=SIS36 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0S	ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS31
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ComboName=SIS36 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS36
ComboName=SIS36 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=RAR001 CaseType="Linear Static" CaseName=PPST ScaleFactor=1 ConcDesign=No AlumDesign=No ColdDesign=No	ComboType="Linear Add" CaseType="Linear Static"	AutoDesign=No SteelDesign=No
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ComboName=SIS36 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=RAR001 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
ComboName=SIS36 ScaleFactor=0.5	CaseType="Linear Static"	CaseName=TC01	ComboName=RAR001 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
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ComboName=SIS36 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02	ComboName=RAR001 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD
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ComboName=SIS36 ScaleFactor=1	CaseType="Linear Static"	CaseName=SSTS	ComboName=RAR001 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01
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ComboName=SIS36 ScaleFactor=-1	CaseType="Linear Static"	CaseName=IS02	ComboName=RAR001 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS
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ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS06	ComboName=RAR001 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
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ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS14	ComboName=RAR002 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS
ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS15	ComboName=RAR002 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
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ComboName=INVSIS ScaleFactor=1	CaseType="Response Combo"	CaseName=SIS21	ComboName=RAR002 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM02
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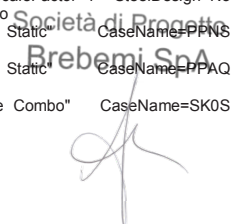
APPROVATO SDP

Società di Progetto  
**Brebem SpA**



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ComboName=RAR003 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=RAR005	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	SteelDesign=No	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
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ComboName=RAR003 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ComboName=RAR003 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=RAR005	CaseType="Linear Static"	CaseName=QM02
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ComboName=RAR003 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01	ComboName=RAR005	CaseType="Linear Static"	CaseName=TC01
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ComboName=RAR003 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=RAR005	CaseType="Linear Static"	CaseName=RIT
ComboName=RAR003 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ScaleFactor=0	CaseType="Linear Static"	CaseName=SSTS
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ComboName=RAR003 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01	ScaleFactor=0	CaseType="Linear Add"	AutoDesign=No
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ComboName=RAR003 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01	ScaleFactor=1	CaseType="Linear Static"	CaseName=SK0S
ComboName=RAR004 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No	ComboName=RAR006	CaseType="Response Combo"	CaseName=SKAS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST	SteelDesign=No	ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS
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ComboName=RAR004 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM02	ComboName=RAR006	CaseType="Linear Static"	CaseName=TC02
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ComboName=RAR004 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01	ComboName=RAR006	CaseType="Linear Static"	CaseName=RIT
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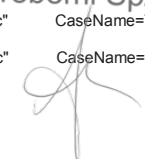




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ComboName=RAR031 CaseType="Linear Static"	ComboType="Linear Add"	AutoDesign=No SteelDesign=No	ComboName=RAR033 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
ConcDesign=No AlumDesign=No ColdDesign=No	CaseName=PPST ScaleFactor=1	CaseName=PPNS	ComboName=RAR033 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D
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ComboName=RAR031 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMS	ComboName=RAR033 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
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APPROVATO SGP

Società di Progetto  
**Brebeni SpA**













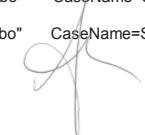




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ComboName=RAR057 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ScaleFactor=0.75	CaseType="Linear Static"	CaseName=FA01
ComboName=RAR057 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ScaleFactor=0.75	CaseType="Linear Static"	CaseName=TC01
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ConcDesign=No AlumDesign=No ColdDesign=No	CaseType="Linear Static"	CaseName=PPNS	ComboName=RAR060 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0S
ComboName=RAR058 ScaleFactor=1	CaseType="Linear Static"	CaseName=PPAQ	ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS
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			ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D
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APPROVATO SDP

Società di Progetto  
**Brebem SpA**





































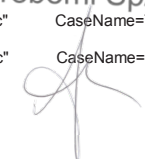




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ComboName=RAR123 ScaleFactor=0.75	CaseType="Linear Static"	CaseName=SQMS	ComboName=RAR125 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV01
ComboName=RAR123 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD	ComboName=RAR125 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
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ComboName=RAR123 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC01	ComboName=RAR125 ScaleFactor=0.6	CaseType="Linear Static"	CaseName=SSTS
ComboName=RAR123 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02	ComboName=RAR125 ScaleFactor=0	CaseType="Linear Static"	CaseName=IS01
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CaseName=PPST	CaseName=PPST	ScaleFactor=1	ComboName=RAR126 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS
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ComboName=RAR124 ScaleFactor=1	CaseType="Response Combo"	CaseName=SKAS	ComboName=RAR126 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA
ComboName=RAR124 ScaleFactor=0	CaseType="Response Combo"	CaseName=SWS	ComboName=RAR126 ScaleFactor=1	CaseType="Linear Static"	CaseName=QM01
ComboName=RAR124 ScaleFactor=1	CaseType="Response Combo"	CaseName=SK0D	ComboName=RAR126 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
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APPROVATO SGP

Società di Progetto  
**Brebem SpA**





































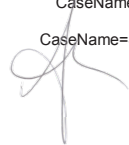




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APPROVATO S.D.P.

Società di Progetto  
**Brebem SpA**

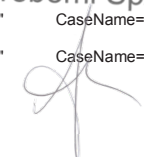




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ComboName=FRE28 ScaleFactor=0.75	CaseType="Linear Static"	CaseName=SQMD	ComboName=FRE30 ScaleFactor=0	CaseType="Linear Static"	CaseName=TV02
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ComboName=FRE29 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAS	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=SA
ComboName=FRE29 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWS	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01
ComboName=FRE29 ScaleFactor=0	CaseType="Response Combo"	CaseName=SK0D	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02
ComboName=FRE29 ScaleFactor=0	CaseType="Response Combo"	CaseName=SKAD	ComboName=FRE31 ScaleFactor=0.5	CaseType="Linear Static"	CaseName=SQMS
ComboName=FRE29 ScaleFactor=1	CaseType="Response Combo"	CaseName=SWD	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=SQMD
ComboName=FRE29 ScaleFactor=1	CaseType="Linear Static"	CaseName=SA	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=FA01
ComboName=FRE29 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM01	ComboName=FRE31 ScaleFactor=0.5	CaseType="Linear Static"	CaseName=TC01
ComboName=FRE29 ScaleFactor=0	CaseType="Linear Static"	CaseName=QM02	ComboName=FRE31 ScaleFactor=0	CaseType="Linear Static"	CaseName=TC02
ComboName=FRE29 ScaleFactor=0.75	CaseType="Linear Static"	CaseName=SQMS	ComboName=FRE31 ScaleFactor=0.6	CaseType="Linear Static"	CaseName=TV01

APPROVATO SGP

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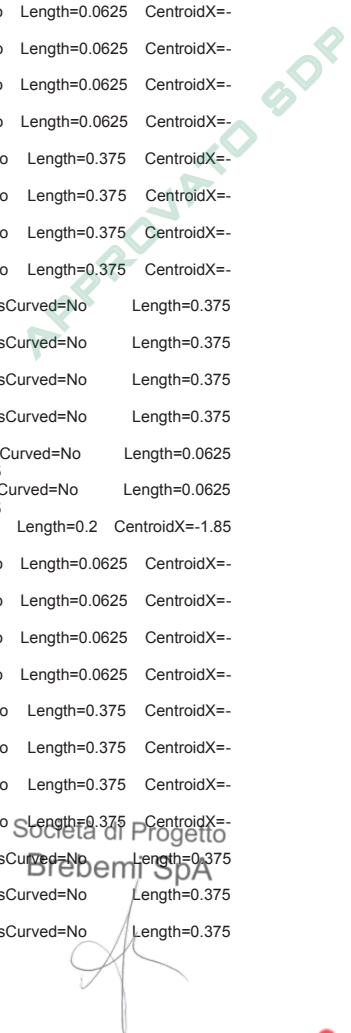


Joint=4 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=1.4375 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=1.4375  
Joint=5 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=1.25 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=1.25  
Joint=6 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=1.0625 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=1.0625  
Joint=7 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=0.875 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.875  
Joint=8 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=0.6875 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.6875  
Joint=9 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0 Z=0.5  
SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.5  
Joint=10 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=0.3125 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.3125  
Joint=11 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=0.125 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.125  
Joint=12 CoordSys=GLOBAL CoordType=Cartesian XorR=1.625 Y=0  
Z=0.0625 SpecialJt=No GlobalX=1.625 GlobalY=0 GlobalZ=0.0625  
Joint=13 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.75 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.75  
Joint=14 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.6875 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.6875  
Joint=15 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.625 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.625  
Joint=16 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.4375 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.4375  
Joint=17 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.25 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.25  
Joint=18 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=1.0625 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=1.0625  
Joint=19 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.875 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.875  
Joint=20 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.6875 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.6875  
Joint=21 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.5 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.5  
Joint=22 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.3125 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.3125  
Joint=23 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.125 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.125  
Joint=24 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0  
Z=0.0625 SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0.0625  
Joint=25 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.5625 Y=0  
Z=1.75 SpecialJt=No GlobalX=-1.5625 GlobalY=0 GlobalZ=1.75  
Joint=26 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.5 Y=0 Z=1.75  
SpecialJt=No GlobalX=-1.5 GlobalY=0 GlobalZ=1.75  
Joint=27 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.125 Y=0  
Z=1.75 SpecialJt=No GlobalX=-1.125 GlobalY=0 GlobalZ=1.75  
Joint=28 CoordSys=GLOBAL CoordType=Cartesian XorR=-0.75 Y=0  
Z=1.75 SpecialJt=No GlobalX=-0.75 GlobalY=0 GlobalZ=1.75  
Joint=29 CoordSys=GLOBAL CoordType=Cartesian XorR=-0.375 Y=0  
Z=1.75 SpecialJt=No GlobalX=-0.375 GlobalY=0 GlobalZ=1.75  
Joint=30 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=0 Z=1.75  
SpecialJt=No GlobalX=0 GlobalY=0 GlobalZ=1.75  
Joint=31 CoordSys=GLOBAL CoordType=Cartesian XorR=0.375 Y=0  
Z=1.75 SpecialJt=No GlobalX=0.375 GlobalY=0 GlobalZ=1.75  
Joint=32 CoordSys=GLOBAL CoordType=Cartesian XorR=0.75 Y=0  
Z=1.75 SpecialJt=No GlobalX=0.75 GlobalY=0 GlobalZ=1.75  
Joint=33 CoordSys=GLOBAL CoordType=Cartesian XorR=1.125 Y=0  
Z=1.75 SpecialJt=No GlobalX=1.125 GlobalY=0 GlobalZ=1.75  
Joint=34 CoordSys=GLOBAL CoordType=Cartesian XorR=1.5 Y=0 Z=1.75  
SpecialJt=No GlobalX=1.5 GlobalY=0 GlobalZ=1.75  
Joint=35 CoordSys=GLOBAL CoordType=Cartesian XorR=1.5625 Y=0  
Z=1.75 SpecialJt=No GlobalX=1.5625 GlobalY=0 GlobalZ=1.75  
Joint=36 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.95 Y=0 Z=0  
SpecialJt=No GlobalX=-1.95 GlobalY=0 GlobalZ=0  
Joint=37 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.75 Y=0 Z=0  
SpecialJt=No GlobalX=-1.75 GlobalY=0 GlobalZ=0  
Joint=38 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.6875 Y=0  
Z=0 SpecialJt=No GlobalX=-1.6875 GlobalY=0 GlobalZ=0  
Joint=39 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.625 Y=0 Z=0  
SpecialJt=No GlobalX=-1.625 GlobalY=0 GlobalZ=0  
Joint=40 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.5625 Y=0  
Z=0 SpecialJt=No GlobalX=-1.5625 GlobalY=0 GlobalZ=0  
Joint=41 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.5 Y=0 Z=0  
SpecialJt=No GlobalX=-1.5 GlobalY=0 GlobalZ=0  
Joint=42 CoordSys=GLOBAL CoordType=Cartesian XorR=-1.125 Y=0 Z=0  
SpecialJt=No GlobalX=-1.125 GlobalY=0 GlobalZ=0  
Joint=43 CoordSys=GLOBAL CoordType=Cartesian XorR=-0.75 Y=0 Z=0  
SpecialJt=No GlobalX=-0.75 GlobalY=0 GlobalZ=0  
Joint=44 CoordSys=GLOBAL CoordType=Cartesian XorR=-0.375 Y=0 Z=0  
SpecialJt=No GlobalX=-0.375 GlobalY=0 GlobalZ=0  
Joint=45 CoordSys=GLOBAL CoordType=Cartesian XorR=0 Y=0 Z=0  
SpecialJt=No GlobalX=0 GlobalY=0 GlobalZ=0  
Joint=46 CoordSys=GLOBAL CoordType=Cartesian XorR=0.375 Y=0 Z=0  
SpecialJt=No GlobalX=0.375 GlobalY=0 GlobalZ=0  
Joint=47 CoordSys=GLOBAL CoordType=Cartesian XorR=0.75 Y=0 Z=0  
SpecialJt=No GlobalX=0.75 GlobalY=0 GlobalZ=0  
Joint=48 CoordSys=GLOBAL CoordType=Cartesian XorR=1.125 Y=0 Z=0  
SpecialJt=No GlobalX=1.125 GlobalY=0 GlobalZ=0  
Joint=49 CoordSys=GLOBAL CoordType=Cartesian XorR=1.5 Y=0 Z=0  
SpecialJt=No GlobalX=1.5 GlobalY=0 GlobalZ=0  
Joint=50 CoordSys=GLOBAL CoordType=Cartesian XorR=1.5625 Y=0 Z=0  
SpecialJt=No GlobalX=1.5625 GlobalY=0 GlobalZ=0  
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SpecialJt=No GlobalX=1.6875 GlobalY=0 GlobalZ=0  
Joint=53 CoordSys=GLOBAL CoordType=Cartesian XorR=1.75 Y=0 Z=0  
SpecialJt=No GlobalX=1.75 GlobalY=0 GlobalZ=0

Joint=54 CoordSys=GLOBAL CoordType=Cartesian XorR=1.95 Y=0 Z=0  
SpecialJt=No GlobalX=1.95 GlobalY=0 GlobalZ=0

TABLE: "CONNECTIVITY - FRAME"

Frame=1 JointI=2 JointJ=1 IsCurved=No Length=0.0625 CentroidX=1.625  
CentroidY=0 CentroidZ=1.71875  
Frame=2 JointI=3 JointJ=2 IsCurved=No Length=0.0625 CentroidX=1.625  
CentroidY=0 CentroidZ=1.65625  
Frame=3 JointI=4 JointJ=3 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=1.53125  
Frame=4 JointI=5 JointJ=4 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=1.34375  
Frame=5 JointI=6 JointJ=5 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=1.15625  
Frame=6 JointI=7 JointJ=6 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=0.96875  
Frame=7 JointI=8 JointJ=7 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=0.78125  
Frame=8 JointI=9 JointJ=8 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=0.59375  
Frame=9 JointI=10 JointJ=9 IsCurved=No Length=0.1875 CentroidX=1.625  
CentroidY=0 CentroidZ=0.40625  
Frame=10 JointI=11 JointJ=10 IsCurved=No Length=0.1875  
CentroidX=1.625 CentroidY=0 CentroidZ=0.21875  
Frame=11 JointI=12 JointJ=11 IsCurved=No Length=0.0625  
CentroidX=1.625 CentroidY=0 CentroidZ=0.09375  
Frame=12 JointI=51 JointJ=12 IsCurved=No Length=0.0625  
CentroidX=1.625 CentroidY=0 CentroidZ=0.03125  
Frame=13 JointI=14 JointJ=13 IsCurved=No Length=0.0625 CentroidX=-  
1.625 CentroidY=0 CentroidZ=1.71875  
Frame=14 JointI=15 JointJ=14 IsCurved=No Length=0.0625 CentroidX=-  
1.625 CentroidY=0 CentroidZ=1.65625  
Frame=15 JointI=16 JointJ=15 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=1.53125  
Frame=16 JointI=17 JointJ=16 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=1.34375  
Frame=17 JointI=18 JointJ=17 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=1.15625  
Frame=18 JointI=19 JointJ=18 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.96875  
Frame=19 JointI=20 JointJ=19 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.78125  
Frame=20 JointI=21 JointJ=20 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.59375  
Frame=21 JointI=22 JointJ=21 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.40625  
Frame=22 JointI=23 JointJ=22 IsCurved=No Length=0.1875 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.21875  
Frame=23 JointI=24 JointJ=23 IsCurved=No Length=0.0625 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.09375  
Frame=24 JointI=39 JointJ=24 IsCurved=No Length=0.0625 CentroidX=-  
1.625 CentroidY=0 CentroidZ=0.03125  
Frame=25 JointI=13 JointJ=25 IsCurved=No Length=0.0625 CentroidX=-  
1.59375 CentroidY=0 CentroidZ=1.75  
Frame=26 JointI=25 JointJ=26 IsCurved=No Length=0.0625 CentroidX=-  
1.53125 CentroidY=0 CentroidZ=1.75  
Frame=27 JointI=26 JointJ=27 IsCurved=No Length=0.375 CentroidX=-  
1.3125 CentroidY=0 CentroidZ=1.75  
Frame=28 JointI=27 JointJ=28 IsCurved=No Length=0.375 CentroidX=-  
0.9375 CentroidY=0 CentroidZ=1.75  
Frame=29 JointI=28 JointJ=29 IsCurved=No Length=0.375 CentroidX=-  
0.5625 CentroidY=0 CentroidZ=1.75  
Frame=30 JointI=29 JointJ=30 IsCurved=No Length=0.375 CentroidX=-  
0.1875 CentroidY=0 CentroidZ=1.75  
Frame=31 JointI=30 JointJ=31 IsCurved=No Length=0.375  
CentroidX=0.1875 CentroidY=0 CentroidZ=1.75  
Frame=32 JointI=31 JointJ=32 IsCurved=No Length=0.375  
CentroidX=0.5625 CentroidY=0 CentroidZ=1.75  
Frame=33 JointI=32 JointJ=33 IsCurved=No Length=0.375  
CentroidX=0.9375 CentroidY=0 CentroidZ=1.75  
Frame=34 JointI=33 JointJ=34 IsCurved=No Length=0.375  
CentroidX=1.3125 CentroidY=0 CentroidZ=1.75  
Frame=35 JointI=34 JointJ=35 IsCurved=No Length=0.0625  
CentroidX=1.53125 CentroidY=0 CentroidZ=1.75  
Frame=36 JointI=35 JointJ=1 IsCurved=No Length=0.0625  
CentroidX=1.59375 CentroidY=0 CentroidZ=1.75  
Frame=37 JointI=36 JointJ=37 IsCurved=No Length=0.2 CentroidX=-1.85  
CentroidY=0 CentroidZ=0  
Frame=38 JointI=37 JointJ=38 IsCurved=No Length=0.0625 CentroidX=-  
1.71875 CentroidY=0 CentroidZ=0  
Frame=39 JointI=38 JointJ=39 IsCurved=No Length=0.0625 CentroidX=-  
1.65625 CentroidY=0 CentroidZ=0  
Frame=40 JointI=39 JointJ=40 IsCurved=No Length=0.0625 CentroidX=-  
1.59375 CentroidY=0 CentroidZ=0  
Frame=41 JointI=40 JointJ=41 IsCurved=No Length=0.0625 CentroidX=-  
1.53125 CentroidY=0 CentroidZ=0  
Frame=42 JointI=41 JointJ=42 IsCurved=No Length=0.375 CentroidX=-  
1.3125 CentroidY=0 CentroidZ=0  
Frame=43 JointI=42 JointJ=43 IsCurved=No Length=0.375 CentroidX=-  
0.9375 CentroidY=0 CentroidZ=0  
Frame=44 JointI=43 JointJ=44 IsCurved=No Length=0.375 CentroidX=-  
0.5625 CentroidY=0 CentroidZ=0  
Frame=45 JointI=44 JointJ=45 IsCurved=No Length=0.375 CentroidX=-  
0.1875 CentroidY=0 CentroidZ=0  
Frame=46 JointI=45 JointJ=46 IsCurved=No Length=0.375  
CentroidX=0.1875 CentroidY=0 CentroidZ=0  
Frame=47 JointI=46 JointJ=47 IsCurved=No Length=0.375  
CentroidX=0.5625 CentroidY=0 CentroidZ=0  
Frame=48 JointI=47 JointJ=48 IsCurved=No Length=0.375  
CentroidX=0.9375 CentroidY=0 CentroidZ=0































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CODIFICA DOCUMENTO  
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Frame=20 LoadPat=TV02 Type=Gradient2 TempGrad2=-5 JtPattern=None  
Frame=21 LoadPat=TV01 Type=Gradient2 TempGrad2=5 JtPattern=None  
Frame=21 LoadPat=TV02 Type=Gradient2 TempGrad2=-5 JtPattern=None  
Frame=22 LoadPat=TV01 Type=Gradient2 TempGrad2=5 JtPattern=None  
Frame=22 LoadPat=TV02 Type=Gradient2 TempGrad2=-5 JtPattern=None  
Frame=23 LoadPat=TV01 Type=Gradient2 TempGrad2=5 JtPattern=None  
Frame=23 LoadPat=TV02 Type=Gradient2 TempGrad2=-5 JtPattern=None  
Frame=24 LoadPat=TV01 Type=Gradient2 TempGrad2=5 JtPattern=None  
Frame=24 LoadPat=TV02 Type=Gradient2 TempGrad2=-5 JtPattern=None

END TABLE DATA

APPROVATO SDP

Società di Progetto  
Brebemi SpA



## 10.2 Tabulati di output

File E:\Lavoro\_LIMA2\BDY01E\_Lavoro-Brebemi\_Lima2\BDY01E-nuovo IDA 15 3x1,5\_Lima\BDY01E-Modello IDA15\_Rp150\_Lima2\BDY01E-Modello IDA15\_output\_Lima.s2k was saved on 2/8/13 at 9.47.27

TABLE: "PROGRAM CONTROL"

ProgramName=SAP2000 Version=14.0.0 ProgLevel=Advanced LicenseOS=Yes LicenseSC=Yes LicenseBR=Yes LicenseHT=No CurrUnits="KN, m, C" SteelCode=AISC-ASD89 ConcCode="ACI 318-99" AlumCode="AA-ASD 2000" ColdCode=AISI-ASD96 \_  
BridgeCode="AASHTO LRFD 2007" RegenHinge=Yes

TABLE: "ELEMENT FORCES - FRAMES"

Frame=2	Station=0	OutputCase=STR001	CaseType=Combination	P=-80.5781249992142	V2=13.8573982686172	V3=0	T=0	M2=0	M3=-27.6401150916795	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR001	CaseType=Combination	P=-80.0507812492142	V2=14.9597576436172	V3=0	T=0	M2=0	M3=-28.5408577569056	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR002	CaseType=Combination	P=-80.5781249993131	V2=4.41312231783703	V3=0	T=0	M2=0	M3=-27.6924355676112	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR002	CaseType=Combination	P=-80.0507812493131	V2=4.92499731783703	V3=0	T=0	M2=0	M3=-27.984349462476	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR003	CaseType=Combination	P=-203.428124999627	V2=11.4662400033537	V3=0	T=0	M2=0	M3=-71.4341963095666	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR003	CaseType=Combination	P=-202.900781249627	V2=11.9781150033537	V3=0	T=0	M2=0	M3=-72.1669300597762	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR004	CaseType=Combination	P=-209.967138782283	V2=26.2178530060316	V3=0	T=0	M2=0	M3=-81.7546043380257	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR004	CaseType=Combination	P=-209.439795032283	V2=26.7297280060316	V3=0	T=0	M2=0	M3=-83.4093139009027	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR005	CaseType=Combination	P=-203.428124999529	V2=36.9794659973334	V3=0	T=0	M2=0	M3=-71.0718621057912	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR005	CaseType=Combination	P=-202.900781249529	V2=39.4951066223334	V3=0	T=0	M2=0	M3=-73.461872675937	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR006	CaseType=Combination	P=-66.2265137821319	V2=20.1421870326926	V3=0	T=0	M2=0	M3=-30.8215494549308	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR006	CaseType=Combination	P=-65.8358887821319	V2=20.6540620326926	V3=0	T=0	M2=0	M3=-32.0965298944741	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR007	CaseType=Combination	P=-59.6874999993772	V2=30.9038000239944	V3=0	T=0	M2=0	M3=-20.1388072226963	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR007	CaseType=Combination	P=-59.2968749993772	V2=33.4194406489944	V3=0	T=0	M2=0	M3=-22.1490886695085	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR008	CaseType=Combination	P=-184.895761190806	V2=34.1577849095589	V3=0	T=0	M2=0	M3=-78.5386686147576	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR008	CaseType=Combination	P=-184.368417440806	V2=34.6696599095589	V3=0	T=0	M2=0	M3=-80.689623921605	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR009	CaseType=Combination	P=-80.5781249992164	V2=16.9825289348973	V3=0	T=0	M2=0	M3=-30.0042288857457	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR009	CaseType=Combination	P=-80.0507812492164	V2=18.0848883098973	V3=0	T=0	M2=0	M3=-31.1002922176143	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR010	CaseType=Combination	P=-80.5781249993153	V2=7.5382529841172	V3=0	T=0	M2=0	M3=-30.0565493616773	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR010	CaseType=Combination	P=-80.0507812493153	V2=8.0501279841172	V3=0	T=0	M2=0	M3=-30.5437839231847	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR011	CaseType=Combination	P=-203.428124999629	V2=13.3413184031218	V3=0	T=0	M2=0	M3=-72.8526645860063	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR011	CaseType=Combination	P=-202.900781249629	V2=13.8531934031218	V3=0	T=0	M2=0	M3=-73.7025907362014	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR012	CaseType=Combination	P=-209.967138782285	V2=28.0929314057997	V3=0	T=0	M2=0	M3=-83.1730726144654	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR012	CaseType=Combination	P=-209.439795032285	V2=28.6048064057997	V3=0	T=0	M2=0	M3=-84.9449745773279	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR013	CaseType=Combination	P=-203.42812499953	V2=38.8545443971015	V3=0	T=0	M2=0	M3=-72.4903303822309	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR013	CaseType=Combination	P=-202.90078124953	V2=41.3701850221015	V3=0	T=0	M2=0	M3=-74.9975333523623	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR014	CaseType=Combination	P=-66.2265137821333	V2=22.0172654324607	V3=0	T=0	M2=0	M3=-32.2400177313705	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR014	CaseType=Combination	P=-65.8358887821333	V2=22.5291404324607	V3=0	T=0	M2=0	M3=-33.6321905708993	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR015	CaseType=Combination	P=-59.6874999993785	V2=32.7788784237625	V3=0	T=0	M2=0	M3=-21.557275499136	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR015	CaseType=Combination	P=-59.2968749993785	V2=35.2945190487625	V3=0	T=0	M2=0	M3=-23.6847493459337	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR016	CaseType=Combination	P=-184.895761190807	V2=36.032863309327	V3=0	T=0	M2=0	M3=-79.9571368911973	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR016	CaseType=Combination	P=-184.368417440807	V2=36.544738309327	V3=0	T=0	M2=0	M3=-82.2252845980302	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR017	CaseType=Combination	P=-172.715624999551	V2=12.8280912482547	V3=0	T=0	M2=0	M3=-62.8628699181439	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR017	CaseType=Combination	P=-172.188281249551	V2=13.3399662482547	V3=0	T=0	M2=0	M3=-63.6807193711598	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR018	CaseType=Combination	P=-178.193166500027	V2=25.2172905726958	V3=0	T=0	M2=0	M3=-71.5192691622074	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR018	CaseType=Combination	P=-177.665822750027	V2=25.7291655726958	V3=0	T=0	M2=0	M3=-73.1485730091143295	FrameElem=2-1
ElemStation=0.0625										
Frame=2	Station=0	OutputCase=STR019	CaseType=Combination	P=-172.715624999452	V2=34.3240797314345	V3=0	T=0	M2=0	M3=-62.5780391463295	FrameElem=2-1
ElemStation=0										
Frame=2	Station=0.0625	OutputCase=STR019	CaseType=Combination	P=-172.188281249452	V2=36.4864000439345	V3=0	T=0	M2=0	M3=-64.7910534068879	FrameElem=2-1
ElemStation=0.0625										

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Frame=2 Station=0 OutputCase=STR020 CaseType=Combination P=-65.1650414999538 V2=20.904904020736 V3=0 T=0 M2=0 M3=-31.5216544646014 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR020 CaseType=Combination P=-64.7744164999538 V2=21.416779020736 V3=0 T=0 M2=0 M3=-32.8443047158974 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR021 CaseType=Combination P=-59.6874999993794 V2=30.0116931794746 V3=0 T=0 M2=0 M3=-22.5804244487234 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR021 CaseType=Combination P=-59.2968749993794 V2=32.1740134919746 V3=0 T=0 M2=0 M3=-24.5239145497844 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR022 CaseType=Combination P=-79.9277668131153 V2=16.1561023966925 V3=0 T=0 M2=0 M3=-27.7626129452195 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR022 CaseType=Combination P=-79.4004230631153 V2=17.2584617716925 V3=0 T=0 M2=0 M3=-28.8070246184503 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR023 CaseType=Combination P=-79.9277668132142 V2=6.71182644591237 V3=0 T=0 M2=0 M3=-27.8149334211511 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR023 CaseType=Combination P=-79.4004230632142 V2=7.22370144591237 V3=0 T=0 M2=0 M3=-28.2505163240206 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR024 CaseType=Combination P=-172.06526681345 V2=12.0016647100498 V3=0 T=0 M2=0 M3=-60.6212539776177 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR024 CaseType=Combination P=-171.53792306345 V2=12.5135397100498 V3=0 T=0 M2=0 M3=-61.3874517719958 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR025 CaseType=Combination P=-177.542808313925 V2=24.390864034491 V3=0 T=0 M2=0 M3=-69.2776532216812 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR025 CaseType=Combination P=-177.015464563925 V2=24.902739034491 V3=0 T=0 M2=0 M3=-70.8181759738369 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR026 CaseType=Combination P=-172.065266813351 V2=33.4976531932297 V3=0 T=0 M2=0 M3=-60.3364232058032 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR026 CaseType=Combination P=-171.537923063351 V2=35.6599735057297 V3=0 T=0 M2=0 M3=-62.4977858077238 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR027 CaseType=Combination P=-64.5146833138527 V2=20.0784774825311 V3=0 T=0 M2=0 M3=-29.2800385240751 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR027 CaseType=Combination P=-64.1240583138527 V2=20.5903524825311 V3=0 T=0 M2=0 M3=-30.5510371167333 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR028 CaseType=Combination P=-59.0371418132782 V2=29.1852666412698 V3=0 T=0 M2=0 M3=-20.3388085081972 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR028 CaseType=Combination P=-58.6465168132782 V2=31.3475869537698 V3=0 T=0 M2=0 M3=-22.2306469506203 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR029 CaseType=Combination P=-81.2284831853175 V2=17.8089554731022 V3=0 T=0 M2=0 M3=-32.245844826272 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR029 CaseType=Combination P=-80.7011394353175 V2=18.9113148481022 V3=0 T=0 M2=0 M3=-33.3935598167784 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR030 CaseType=Combination P=-81.2284831854165 V2=8.36467952232203 V3=0 T=0 M2=0 M3=-32.2981653022036 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR030 CaseType=Combination P=-80.7011394354165 V2=8.87655452232203 V3=0 T=0 M2=0 M3=-32.8370515223487 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR031 CaseType=Combination P=-173.365983185652 V2=13.6545177864595 V3=0 T=0 M2=0 M3=-65.1044858586701 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR031 CaseType=Combination P=-172.838639435652 V2=14.1663927864595 V3=0 T=0 M2=0 M3=-65.9739869703239 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR032 CaseType=Combination P=-178.843524686128 V2=26.0437171109006 V3=0 T=0 M2=0 M3=-73.7608851027337 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR032 CaseType=Combination P=-178.316180936128 V2=26.555921109006 V3=0 T=0 M2=0 M3=-75.4047111721649 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR033 CaseType=Combination P=-173.365983185553 V2=35.1505062696393 V3=0 T=0 M2=0 M3=-64.8196550868557 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR033 CaseType=Combination P=-172.838639435553 V2=37.3128265821393 V3=0 T=0 M2=0 M3=-67.0843210060519 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR034 CaseType=Combination P=-65.8153996860549 V2=21.7313305589408 V3=0 T=0 M2=0 M3=-33.7632704051276 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR034 CaseType=Combination P=-65.4247746860549 V2=22.2432055589408 V3=0 T=0 M2=0 M3=-35.1375723150614 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR035 CaseType=Combination P=-60.3378581854805 V2=30.8381197176795 V3=0 T=0 M2=0 M3=-24.8220403892497 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR035 CaseType=Combination P=-59.9472331854805 V2=33.0004400301795 V3=0 T=0 M2=0 M3=-26.8171821489484 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR036 CaseType=Combination P=-80.5781249992151 V2=15.0436978695378 V3=0 T=0 M2=0 M3=-28.5375326879071 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR036 CaseType=Combination P=-80.0507812492151 V2=16.1460572445378 V3=0 T=0 M2=0 M3=-29.5124190781907 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR037 CaseType=Combination P=-80.578124999314 V2=5.59942191875764 V3=0 T=0 M2=0 M3=-28.5898531638387 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR037 CaseType=Combination P=-80.050781249314 V2=6.11129691875764 V3=0 T=0 M2=0 M3=-28.9559107837611 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR038 CaseType=Combination P=-172.71562499955 V2=10.8892601828951 V3=0 T=0 M2=0 M3=-61.3961737203052 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR038 CaseType=Combination P=-172.18828124955 V2=11.4011351828951 V3=0 T=0 M2=0 M3=-62.0928462317362 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR039 CaseType=Combination P=-178.193166500025 V2=23.2784595073363 V3=0 T=0 M2=0 M3=-70.0525729643688 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR039 CaseType=Combination P=-177.665822750025 V2=23.7903345073363 V3=0 T=0 M2=0 M3=-71.5235704335773 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR040 CaseType=Combination P=-172.715624999451 V2=32.385248666075 V3=0 T=0 M2=0 M3=-61.1113429484908 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR040 CaseType=Combination P=-172.188281249451 V2=34.5475689785749 V3=0 T=0 M2=0 M3=-63.2031802674642 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR041 CaseType=Combination P=-65.1650414999525 V2=18.9660729553764 V3=0 T=0 M2=0 M3=-30.0549582667627 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR041 CaseType=Combination P=-64.7744164999525 V2=19.4779479553764 V3=0 T=0 M2=0 M3=-31.2564315764738 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR042 CaseType=Combination P=-59.687499999378 V2=28.0728621141151 V3=0 T=0 M2=0 M3=-21.1137282508848 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR042 CaseType=Combination P=-59.296874999378 V2=30.2351824266151 V3=0 T=0 M2=0 M3=-22.9360414103607 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR043 CaseType=Combination P=-80.578124999212 V2=10.732267602337 V3=0 T=0 M2=0 M3=-25.2760012976134 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR043 CaseType=Combination P=-80.050781249212 V2=11.834626977337 V3=0 T=0 M2=0 M3=-25.9814232961969 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR044 CaseType=Combination P=-80.578124999311 V2=1.28799165155687 V3=0 T=0 M2=0 M3=-25.328321773545 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR044 CaseType=Combination P=-80.050781249311 V2=1.79986665155687 V3=0 T=0 M2=0 M3=-25.4249150017673 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR045 CaseType=Combination P=-203.428124999626 V2=9.59116160358557 V3=0 T=0 M2=0 M3=-70.0157280331269 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR045 CaseType=Combination P=-202.900781249626 V2=10.1030366035856 V3=0 T=0 M2=0 M3=-70.631269383351 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR046 CaseType=Combination P=-209.967138782282 V2=24.3427746062635 V3=0 T=0 M2=0 M3=-80.336136061586 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR046 CaseType=Combination P=-209.439795032282 V2=24.8546496062635 V3=0 T=0 M2=0 M3=-81.8736532244775 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR047 CaseType=Combination P=-203.428124999527 V2=35.1043875975653 V3=0 T=0 M2=0 M3=-69.6533938293515 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR047 CaseType=Combination P=-202.900781249527 V2=37.6200282225653 V3=0 T=0 M2=0 M3=-71.9262119995118 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR048 CaseType=Combination P=-66.2265137821306 V2=18.2671086329245 V3=0 T=0 M2=0 M3=-29.4030811784911 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR048 CaseType=Combination P=-65.8358887821306 V2=18.778986329245 V3=0 T=0 M2=0 M3=-30.5608692180489 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR049 CaseType=Combination P=-59.6874999993759 V2=29.0287216242263 V3=0 T=0 M2=0 M3=-18.7203389462566 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR049 CaseType=Combination P=-59.2968749993759 V2=31.5443622492263 V3=0 T=0 M2=0 M3=-20.6134279930833 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR050 CaseType=Combination P=-184.895761190805 V2=32.2827065097908 V3=0 T=0 M2=0 M3=-77.1202003383179 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR050 CaseType=Combination P=-184.368417440805 V2=32.7945815097908 V3=0 T=0 M2=0 M3=-79.1539632451798 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR051 CaseType=Combination P=-172.715624999547 V2=6.57782991569434 V3=0 T=0 M2=0 M3=-58.1346423300115 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR051 CaseType=Combination P=-172.188281249547 V2=7.08970491569434 V3=0 T=0 M2=0 M3=-58.5618504497424 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR052 CaseType=Combination P=-178.193166500022 V2=18.9670292401355 V3=0 T=0 M2=0 M3=-66.7910415740751 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR052 CaseType=Combination P=-177.665822750022 V2=19.4789042401355 V3=0 T=0 M2=0 M3=-67.9925746515835 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR053 CaseType=Combination P=-172.715624999448 V2=28.0738183988742 V3=0 T=0 M2=0 M3=-57.8498115581971 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR053 CaseType=Combination P=-172.188281249448 V2=30.2361387113742 V3=0 T=0 M2=0 M3=-59.6721844854705 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR054 CaseType=Combination P=-65.1650414999494 V2=14.6546426881756 V3=0 T=0 M2=0 M3=-26.793426876469 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR054 CaseType=Combination P=-64.7744164999494 V2=15.1665176881756 V3=0 T=0 M2=0 M3=-27.72543579448 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR055 CaseType=Combination P=-59.687499999375 V2=23.7614318469143 V3=0 T=0 M2=0 M3=-17.8521968605911 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR055 CaseType=Combination P=-59.296874999375 V2=25.9237521594143 V3=0 T=0 M2=0 M3=-19.405045628367 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR056 CaseType=Combination P=-79.9277668131109 V2=9.90584106413218 V3=0 T=0 M2=0 M3=-23.0343853570871 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR056 CaseType=Combination P=-79.4004230631109 V2=11.0082004391322 V3=0 T=0 M2=0 M3=-23.6881556970329 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR057 CaseType=Combination P=-79.9277668132098 V2=0.46156511335204 V3=0 T=0 M2=0 M3=-23.0867058330187 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR057 CaseType=Combination P=-79.4004230632098 V2=0.973440113352039 V3=0 T=0 M2=0 M3=-23.1316474026032 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR058 CaseType=Combination P=-172.065266813446 V2=5.75140337748952 V3=0 T=0 M2=0 M3=-55.8930263894853 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR058 CaseType=Combination P=-171.537923063446 V2=6.26327837748951 V3=0 T=0 M2=0 M3=-56.2685828505784 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR059 CaseType=Combination P=-177.542808313921 V2=18.1406027019307 V3=0 T=0 M2=0 M3=-64.5494256335488 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR059 CaseType=Combination P=-177.015464563921 V2=18.6524777019307 V3=0 T=0 M2=0 M3=-65.6993070524195 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR060 CaseType=Combination P=-172.065266813347 V2=27.2473918606693 V3=0 T=0 M2=0 M3=-55.6081956176709 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR060 CaseType=Combination P=-171.537923063347 V2=29.4097121731693 V3=0 T=0 M2=0 M3=-57.3789168863064 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR061 CaseType=Combination P=-64.5146833138483 V2=13.8282161499708 V3=0 T=0 M2=0 M3=-24.5518109359428 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR061 CaseType=Combination P=-64.1240583138483 V2=14.3400911499708 V3=0 T=0 M2=0 M3=-25.432168195316 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR062 CaseType=Combination P=-59.0371418132739 V2=22.9350053087095 V3=0 T=0 M2=0 M3=-15.6105809200648 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR062 CaseType=Combination P=-58.6465168132739 V2=25.0973256212095 V3=0 T=0 M2=0 M3=-17.1117780292029 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR063 CaseType=Combination P=-81.2284831853131 V2=11.5586941405418 V3=0 T=0 M2=0 M3=-27.5176172381396 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR063 CaseType=Combination P=-80.7011394353131 V2=12.6610535155418 V3=0 T=0 M2=0 M3=-28.274690895361 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR064 CaseType=Combination P=-81.2284831854121 V2=2.1144181897617 V3=0 T=0 M2=0 M3=-27.5699377140712 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR064 CaseType=Combination P=-80.7011394354121 V2=2.6262931897617 V3=0 T=0 M2=0 M3=-27.7181826009313 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR065 CaseType=Combination P=-173.365983185648 V2=7.40425645389917 V3=0 T=0 M2=0 M3=-60.3762582705378 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR065 CaseType=Combination P=-172.838639435648 V2=7.91613145389917 V3=0 T=0 M2=0 M3=-60.8551180489065 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR066 CaseType=Combination P=-178.843524686123 V2=19.7934557783403 V3=0 T=0 M2=0 M3=-69.0326575146013 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR066 CaseType=Combination P=-178.316180936123 V2=20.3053307783403 V3=0 T=0 M2=0 M3=-70.2858422507476 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR067 CaseType=Combination P=-173.365983185549 V2=28.900244937079 V3=0 T=0 M2=0 M3=-60.0914274987233 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR067 CaseType=Combination P=-172.838639435549 V2=31.062565249579 V3=0 T=0 M2=0 M3=-61.9654520846345 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR068 CaseType=Combination P=-65.8153996860505 V2=15.4810692263805 V3=0 T=0 M2=0 M3=-29.0350428169953 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR068 CaseType=Combination P=-65.4247746860505 V2=15.9929442263805 V3=0 T=0 M2=0 M3=-30.018703393644 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR069 CaseType=Combination P=-60.3378581854761 V2=24.5878583851191 V3=0 T=0 M2=0 M3=-20.0938128011173 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR069 CaseType=Combination P=-59.9472331854761 V2=26.7501786976191 V3=0 T=0 M2=0 M3=-21.698313227531 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR070 CaseType=Combination P=-80.5781249992107 V2=8.79343653697745 V3=0 T=0 M2=0 M3=-23.8093050997747 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR070 CaseType=Combination P=-80.0507812492107 V2=9.89579591197745 V3=0 T=0 M2=0 M3=-24.3935501567733 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR071 CaseType=Combination P=-80.5781249993097 V2=-0.650839413802687 V3=0 T=0 M2=0 M3=-23.8616255757063 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR071 CaseType=Combination P=-80.0507812493097 V2=-0.138964413802687 V3=0 T=0 M2=0 M3=-23.8370418623437 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR072 CaseType=Combination P=-172.715624999545 V2=4.63899885033479 V3=0 T=0 M2=0 M3=-56.6679461321729 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR072 CaseType=Combination P=-172.188281249545 V2=5.15087385033479 V3=0 T=0 M2=0 M3=-56.9739773103188 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR073 CaseType=Combination P=-178.193166500021 V2=17.0281981747759 V3=0 T=0 M2=0 M3=-65.3243453762364 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR073 CaseType=Combination P=-177.665822750021 V2=17.5400731747759 V3=0 T=0 M2=0 M3=-66.4047015121599 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR074 CaseType=Combination P=-172.715624999446 V2=26.1349873335146 V3=0 T=0 M2=0 M3=-56.3831153603584 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR074 CaseType=Combination P=-172.188281249446 V2=28.2973076460146 V3=0 T=0 M2=0 M3=-58.0843113460469 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR075 CaseType=Combination P=-65.1650414999481 V2=12.7158116228161 V3=0 T=0 M2=0 M3=-25.3267306786304 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR075 CaseType=Combination P=-64.7744164999481 V2=13.2276866228161 V3=0 T=0 M2=0 M3=-26.1375626550564 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR076 CaseType=Combination P=-59.6874999993737 V2=21.8226007815548 V3=0 T=0 M2=0 M3=-16.3855006627524 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR076 CaseType=Combination P=-59.2968749993737 V2=23.9849210940548 V3=0 T=0 M2=0 M3=-17.8171724889433 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR077 CaseType=Combination P=-79.4941946890457 V2=12.4800207049425 V3=0 T=0 M2=0 M3=-23.9040885241358 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR077 CaseType=Combination P=-78.9668509390457 V2=13.5823800799425 V3=0 T=0 M2=0 M3=-24.7187450916322 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR078 CaseType=Combination P=-79.4941946891446 V2=3.03574475416232 V3=0 T=0 M2=0 M3=-23.9564090000674 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR078 CaseType=Combination P=-78.9668509391446 V2=3.54761975416232 V3=0 T=0 M2=0 M3=-24.1622367972026 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR079 CaseType=Combination P=-202.777766813526 V2=10.6398134651488 V3=0 T=0 M2=0 M3=-69.1925803690403 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR079 CaseType=Combination P=-202.250423063526 V2=11.1516884651488 V3=0 T=0 M2=0 M3=-69.8736624606122 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR080 CaseType=Combination P=-209.316780596182 V2=25.3914264678268 V3=0 T=0 M2=0 M3=-79.5129883974995 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR080 CaseType=Combination P=-208.789436846182 V2=25.9033014678268 V3=0 T=0 M2=0 M3=-81.1160463017387 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR081 CaseType=Combination P=-202.777766813427 V2=36.1530394591286 V3=0 T=0 M2=0 M3=-68.8302461652649 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR081 CaseType=Combination P=-202.250423063427 V2=38.6686800841286 V3=0 T=0 M2=0 M3=-71.1686050767773 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR082 CaseType=Combination P=-65.5761555960308 V2=19.3157604944877 V3=0 T=0 M2=0 M3=-28.5799335144046 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR082 CaseType=Combination P=-65.1855305960308 V2=19.8276354944877 V3=0 T=0 M2=0 M3=-29.8032622953101 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR083 CaseType=Combination P=-59.0371418132761 V2=30.0773734857895 V3=0 T=0 M2=0 M3=-17.8971912821701 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR083 CaseType=Combination P=-58.6465168132761 V2=32.5930141107895 V3=0 T=0 M2=0 M3=-19.8558210703444 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR084 CaseType=Combination P=-184.245403004705 V2=33.331358371354 V3=0 T=0 M2=0 M3=-76.2970526742313 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR084 CaseType=Combination P=-183.718059254705 V2=33.843233371354 V3=0 T=0 M2=0 M3=-78.396356322441 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR085 CaseType=Combination P=-171.63169468938 V2=8.3255830182998 V3=0 T=0 M2=0 M3=-56.762729556534 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR085 CaseType=Combination P=-171.10435093938 V2=8.8374580182998 V3=0 T=0 M2=0 M3=-57.2991722451777 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR086 CaseType=Combination P=-177.109236189856 V2=20.7147823427409 V3=0 T=0 M2=0 M3=-65.4191288005975 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR086 CaseType=Combination P=-176.581892439856 V2=21.2266573427409 V3=0 T=0 M2=0 M3=-66.7298964470188 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR087 CaseType=Combination P=-171.631694689281 V2=29.8215715014796 V3=0 T=0 M2=0 M3=-56.4778987847195 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR087 CaseType=Combination P=-171.104350939281 V2=31.9838918139796 V3=0 T=0 M2=0 M3=-58.4095062809058 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR088 CaseType=Combination P=-64.0811111897831 V2=16.4023957907811 V3=0 T=0 M2=0 M3=-25.4215141029915 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR088 CaseType=Combination P=-63.6904861897831 V2=16.9142707907811 V3=0 T=0 M2=0 M3=-26.4627575899153 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR089 CaseType=Combination P=-58.6035696892086 V2=25.5091849495198 V3=0 T=0 M2=0 M3=-16.4802840871135 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR089 CaseType=Combination P=-58.2129446892086 V2=27.6715052620198 V3=0 T=0 M2=0 M3=-18.1423674238023 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR090 CaseType=Combination P=-79.494194689047 V2=14.3550991047106 V3=0 T=0 M2=0 M3=-25.3225568005755 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR090 CaseType=Combination P=-78.966850939047 V2=15.4574584797106 V3=0 T=0 M2=0 M3=-26.2544057680574 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR091 CaseType=Combination P=-79.4941946891459 V2=4.91082315393042 V3=0 T=0 M2=0 M3=-25.3748772765071 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR091 CaseType=Combination P=-78.9668509391459 V2=5.42269815393042 V3=0 T=0 M2=0 M3=-25.6978974736278 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR092 CaseType=Combination P=-171.631694689382 V2=10.2006614180679 V3=0 T=0 M2=0 M3=-58.1811978329737 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR092 CaseType=Combination P=-171.104350939382 V2=10.7125364180679 V3=0 T=0 M2=0 M3=-58.8348329216029 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR093 CaseType=Combination P=-177.109236189857 V2=22.589860742509 V3=0 T=0 M2=0 M3=-66.8375970770372 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR093 CaseType=Combination P=-176.581892439857 V2=23.101735742509 V3=0 T=0 M2=0 M3=-68.265557123444 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR094 CaseType=Combination P=-171.631694689283 V2=31.6966499012477 V3=0 T=0 M2=0 M3=-57.8963670611592 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR094 CaseType=Combination P=-171.104350939283 V2=33.8589702137477 V3=0 T=0 M2=0 M3=-59.945166957331 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR095 CaseType=Combination P=-64.0811111897844 V2=18.2774741905492 V3=0 T=0 M2=0 M3=-26.8399823794312 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR095 CaseType=Combination P=-63.6904861897844 V2=18.7893491905492 V3=0 T=0 M2=0 M3=-27.9984182663405 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR096 CaseType=Combination P=-58.60356968921 V2=27.3842633492879 V3=0 T=0 M2=0 M3=-17.8987523635532 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR096 CaseType=Combination P=-58.21294468921 V2=29.5465836617879 V3=0 T=0 M2=0 M3=-19.6780281002275 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR097 CaseType=Combination P=-79.4941946890444 V2=10.6049423051744 V3=0 T=0 M2=0 M3=-22.4856202476961 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR097 CaseType=Combination P=-78.9668509390444 V2=11.7073016801744 V3=0 T=0 M2=0 M3=-23.183084415207 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR098 CaseType=Combination P=-79.4941946891433 V2=1.16066635439422 V3=0 T=0 M2=0 M3=-22.5379407236277 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR098 CaseType=Combination P=-78.9668509391433 V2=1.67254135439422 V3=0 T=0 M2=0 M3=-22.6256761207774 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR099 CaseType=Combination P=-171.631694689379 V2=6.4505046185317 V3=0 T=0 M2=0 M3=-55.3442612800943 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR099 CaseType=Combination P=-171.104350939379 V2=6.9623796185317 V3=0 T=0 M2=0 M3=-55.7635115687525 FrameElem=2-1  
ElemStation=0.0625

Società di Progetto  
Brebemi SpA



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Frame=2 Station=0 OutputCase=STR100 CaseType=Combination P=-177.109236189855 V2=18.8397039429728 V3=0 T=0 M2=0 M3=-64.0006605241578 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR100 CaseType=Combination P=-176.581892439855 V2=19.3515789429728 V3=0 T=0 M2=0 M3=-65.1942357705936 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR101 CaseType=Combination P=-171.63169468928 V2=27.9464931017115 V3=0 T=0 M2=0 M3=-55.0594305082798 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR101 CaseType=Combination P=-171.10435093928 V2=30.1088134142115 V3=0 T=0 M2=0 M3=-56.8738456044805 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR102 CaseType=Combination P=-64.0811111897818 V2=14.527317391013 V3=0 T=0 M2=0 M3=-24.0030458265518 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR102 CaseType=Combination P=-63.6904861897818 V2=15.039192391013 V3=0 T=0 M2=0 M3=-24.9270969134901 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR103 CaseType=Combination P=-58.6035696892073 V2=23.6341065497517 V3=0 T=0 M2=0 M3=-15.0618158106738 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR103 CaseType=Combination P=-58.2129446892073 V2=25.7964268622517 V3=0 T=0 M2=0 M3=-16.606706747377 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR104 CaseType=Combination P=-79.4941946890444 V2=10.5411896395829 V3=0 T=0 M2=0 M3=-22.4373923262972 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR104 CaseType=Combination P=-78.9668509390444 V2=11.6435490145829 V3=0 T=0 M2=0 M3=-23.1308719522086 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR105 CaseType=Combination P=-79.4941946891433 V2=1.09691368880277 V3=0 T=0 M2=0 M3=-22.4897128022288 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR105 CaseType=Combination P=-78.9668509391433 V2=1.6087886880276 V3=0 T=0 M2=0 M3=-22.574363657779 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR106 CaseType=Combination P=-171.631694689379 V2=6.38675195294024 V3=0 T=0 M2=0 M3=-55.2960333586953 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR106 CaseType=Combination P=-171.104350939379 V2=6.89862695294024 V3=0 T=0 M2=0 M3=-55.7112991057541 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR107 CaseType=Combination P=-177.109236189855 V2=18.7759512773814 V3=0 T=0 M2=0 M3=-63.9524326027589 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR107 CaseType=Combination P=-176.581892439855 V2=19.2878262773814 V3=0 T=0 M2=0 M3=-65.1420233075952 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR108 CaseType=Combination P=-171.63169468928 V2=27.8827404361201 V3=0 T=0 M2=0 M3=-55.0112025868809 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR108 CaseType=Combination P=-171.10435093928 V2=30.0450670486201 V3=0 T=0 M2=0 M3=-56.8216331414821 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR109 CaseType=Combination P=-64.0811111897818 V2=14.4635647254215 V3=0 T=0 M2=0 M3=-23.9548179051528 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR109 CaseType=Combination P=-63.6904861897818 V2=14.9754397254215 V3=0 T=0 M2=0 M3=-24.8748844504917 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR110 CaseType=Combination P=-58.6035696892073 V2=23.5703538841602 V3=0 T=0 M2=0 M3=-15.0135878892749 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR110 CaseType=Combination P=-58.2129446892073 V2=25.7326741966602 V3=0 T=0 M2=0 M3=-16.5544942843786 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR111 CaseType=Combination P=-81.6620553093827 V2=15.2347758322919 V3=0 T=0 M2=0 M3=-31.3761416592233 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR111 CaseType=Combination P=-81.1347115593827 V2=16.3371352072919 V3=0 T=0 M2=0 M3=-32.362970422179 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR112 CaseType=Combination P=-81.6620553094817 V2=5.79049988151175 V3=0 T=0 M2=0 M3=-31.4284621351549 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR112 CaseType=Combination P=-81.1347115594817 V2=6.30237488151175 V3=0 T=0 M2=0 M3=-31.8064621277494 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR113 CaseType=Combination P=-204.078483185729 V2=12.2926665415585 V3=0 T=0 M2=0 M3=-73.6758122500928 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR113 CaseType=Combination P=-203.551139435729 V2=12.8045415415585 V3=0 T=0 M2=0 M3=-74.4601976589402 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR114 CaseType=Combination P=-210.617496968384 V2=27.0442795442364 V3=0 T=0 M2=0 M3=-83.996220278552 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR114 CaseType=Combination P=-210.090153218384 V2=27.5561545442364 V3=0 T=0 M2=0 M3=-85.7025815000667 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR115 CaseType=Combination P=-204.07848318563 V2=37.8058925355382 V3=0 T=0 M2=0 M3=-73.3134780463174 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR115 CaseType=Combination P=-203.55113943563 V2=40.3215331605382 V3=0 T=0 M2=0 M3=-75.7551402751011 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR116 CaseType=Combination P=-66.8768719682331 V2=20.9686135708974 V3=0 T=0 M2=0 M3=-33.0631653954571 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR116 CaseType=Combination P=-66.4862469682331 V2=21.4804885708974 V3=0 T=0 M2=0 M3=-34.3897974936382 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR117 CaseType=Combination P=-60.3378581854783 V2=31.7302265621992 V3=0 T=0 M2=0 M3=-22.3804231632226 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR117 CaseType=Combination P=-59.9472331854783 V2=34.2458671871992 V3=0 T=0 M2=0 M3=-24.4423562686725 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR118 CaseType=Combination P=-185.546119376907 V2=34.9842114477637 V3=0 T=0 M2=0 M3=-80.7802845552838 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR118 CaseType=Combination P=-185.018775626907 V2=35.4960864477637 V3=0 T=0 M2=0 M3=-82.982891520769 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR119 CaseType=Combination P=-173.799555309717 V2=11.0803381456492 V3=0 T=0 M2=0 M3=-64.2347826916215 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR119 CaseType=Combination P=-173.272211559717 V2=11.5922131456492 V3=0 T=0 M2=0 M3=-64.9433975757245 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR120 CaseType=Combination P=-179.277096810193 V2=23.4695374700904 V3=0 T=0 M2=0 M3=-72.891181935685 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR120 CaseType=Combination P=-178.749753060193 V2=23.9814124700904 V3=0 T=0 M2=0 M3=-74.3741217775656 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR121 CaseType=Combination P=-173.79955309618 V2=32.5763266288291 V3=0 T=0 M2=0 M3=-63.949951919807 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR121 CaseType=Combination P=-173.272211559618 V2=34.738646941329 V3=0 T=0 M2=0 M3=-66.0537316114526 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR122 CaseType=Combination P=-66.2489718101201 V2=19.1571509181305 V3=0 T=0 M2=0 M3=-32.8935672380789 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR122 CaseType=Combination P=-65.8583468101201 V2=19.6690259181305 V3=0 T=0 M2=0 M3=-34.1069829204621 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR123 CaseType=Combination P=-60.7714303095457 V2=28.2639400768692 V3=0 T=0 M2=0 M3=-23.952337222201 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR123 CaseType=Combination P=-60.3808053095457 V2=30.4262603893692 V3=0 T=0 M2=0 M3=-25.7865927543491 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR124 CaseType=Combination P=-81.662055309384 V2=17.10985423206 V3=0 T=0 M2=0 M3=-32.794609935663 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR124 CaseType=Combination P=-81.134711559384 V2=18.21221360706 V3=0 T=0 M2=0 M3=-33.8986310986042 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR125 CaseType=Combination P=-81.662055309483 V2=7.66557828127984 V3=0 T=0 M2=0 M3=-32.8469304115946 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR125 CaseType=Combination P=-81.134711559483 V2=8.17745328127985 V3=0 T=0 M2=0 M3=-33.3421228041746 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR126 CaseType=Combination P=-173.79955309719 V2=12.9554165454173 V3=0 T=0 M2=0 M3=-65.6532509680612 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR126 CaseType=Combination P=-173.272211559719 V2=13.4672915454173 V3=0 T=0 M2=0 M3=-66.4790582521497 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR127 CaseType=Combination P=-179.277096810194 V2=25.3446158698585 V3=0 T=0 M2=0 M3=-74.3096502121247 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR127 CaseType=Combination P=-178.749753060194 V2=25.8564908698585 V3=0 T=0 M2=0 M3=-75.9097824539908 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR128 CaseType=Combination P=-173.7995530962 V2=34.4514050285971 V3=0 T=0 M2=0 M3=-65.3684201962467 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR128 CaseType=Combination P=-173.27221155962 V2=36.6137253410971 V3=0 T=0 M2=0 M3=-67.5893922878778 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR129 CaseType=Combination P=-66.2489718101214 V2=21.0322293178986 V3=0 T=0 M2=0 M3=-34.3120355145187 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR129 CaseType=Combination P=-65.8583468101214 V2=21.5441043178986 V3=0 T=0 M2=0 M3=-35.6426435968873 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR130 CaseType=Combination P=-60.771430309547 V2=30.1390184766373 V3=0 T=0 M2=0 M3=-25.3708054986407 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR130 CaseType=Combination P=-60.380805309547 V2=32.3013387891373 V3=0 T=0 M2=0 M3=-27.3222534307743 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR131 CaseType=Combination P=-81.6620553093814 V2=13.3596974325238 V3=0 T=0 M2=0 M3=-29.9576733827836 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR131 CaseType=Combination P=-81.1347115593814 V2=14.4620568075238 V3=0 T=0 M2=0 M3=-30.8273097457538 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR132 CaseType=Combination P=-81.6620553094804 V2=3.91542148174365 V3=0 T=0 M2=0 M3=-30.009938587152 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR132 CaseType=Combination P=-81.1347115594804 V2=4.42729648174365 V3=0 T=0 M2=0 M3=-30.2708014513242 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR133 CaseType=Combination P=-173.79955309716 V2=9.20525974588112 V3=0 T=0 M2=0 M3=-62.8163144151818 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR133 CaseType=Combination P=-173.272211559716 V2=9.71713474588112 V3=0 T=0 M2=0 M3=-63.4077368992993 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR134 CaseType=Combination P=-179.277096810192 V2=21.5944590703223 V3=0 T=0 M2=0 M3=-71.4727136592453 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR134 CaseType=Combination P=-178.749753060192 V2=22.1063340703223 V3=0 T=0 M2=0 M3=-72.8384611011404 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR135 CaseType=Combination P=-173.79955309617 V2=30.7012482290609 V3=0 T=0 M2=0 M3=-62.5314836433673 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR135 CaseType=Combination P=-173.272211559617 V2=32.8635685415609 V3=0 T=0 M2=0 M3=-64.5180709350274 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR136 CaseType=Combination P=-66.2489718101188 V2=17.2820725183624 V3=0 T=0 M2=0 M3=-31.4750989616392 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR136 CaseType=Combination P=-65.8583468101188 V2=17.7939475183624 V3=0 T=0 M2=0 M3=-32.5713222440369 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR137 CaseType=Combination P=-60.7714303095444 V2=26.3888616771011 V3=0 T=0 M2=0 M3=-22.5338689457613 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR137 CaseType=Combination P=-60.3808053095444 V2=28.5511819896011 V3=0 T=0 M2=0 M3=-24.2509320779239 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR138 CaseType=Combination P=-81.6620553093814 V2=13.2959447669323 V3=0 T=0 M2=0 M3=-29.9094454613846 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR138 CaseType=Combination P=-81.1347115593814 V2=14.3983041419323 V3=0 T=0 M2=0 M3=-30.7750972827554 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR139 CaseType=Combination P=-81.6620553094804 V2=3.85166881615219 V3=0 T=0 M2=0 M3=-29.9617659373163 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR139 CaseType=Combination P=-81.1347115594804 V2=4.36354381615219 V3=0 T=0 M2=0 M3=-30.218588983258 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR140 CaseType=Combination P=-173.79955309716 V2=9.14150708028967 V3=0 T=0 M2=0 M3=-62.7680864937828 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR140 CaseType=Combination P=-173.272211559716 V2=9.65338208028967 V3=0 T=0 M2=0 M3=-63.3555244363009 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR141 CaseType=Combination P=-179.277096810192 V2=21.5307064047308 V3=0 T=0 M2=0 M3=-71.4244857378463 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR141 CaseType=Combination P=-178.749753060192 V2=22.0425814047308 V3=0 T=0 M2=0 M3=-72.786248638142 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR142 CaseType=Combination P=-173.79955309617 V2=30.6374955634695 V3=0 T=0 M2=0 M3=-62.4832557219684 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR142 CaseType=Combination P=-173.272211559617 V2=32.7998158759695 V3=0 T=0 M2=0 M3=-64.465858472029 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR143 CaseType=Combination P=-66.2489718101188 V2=17.218319852771 V3=0 T=0 M2=0 M3=-31.4268710402403 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR143 CaseType=Combination P=-65.8583468101188 V2=17.7301948527709 V3=0 T=0 M2=0 M3=-32.5191097810385 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR144 CaseType=Combination P=-60.7714303095444 V2=26.3251090115096 V3=0 T=0 M2=0 M3=-22.4856410243623 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR144 CaseType=Combination P=-60.3808053095444 V2=28.4874293240096 V3=0 T=0 M2=0 M3=-24.1987196149254 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR145 CaseType=Combination P=-80.578124999212 V2=10.6260131596846 V3=0 T=0 M2=0 M3=-25.1956214286151 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR145 CaseType=Combination P=-80.050781249212 V2=11.7283725346846 V3=0 T=0 M2=0 M3=-25.8944025245329 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR146 CaseType=Combination P=-80.578124999311 V2=1.18173720890444 V3=0 T=0 M2=0 M3=-25.2479419045467 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR146 CaseType=Combination P=-80.050781249311 V2=1.69361220890444 V3=0 T=0 M2=0 M3=-25.3378942301033 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR147 CaseType=Combination P=-203.428124999626 V2=9.52740893799411 V3=0 T=0 M2=0 M3=-69.9675001117279 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR147 CaseType=Combination P=-202.900781249626 V2=10.0392839379941 V3=0 T=0 M2=0 M3=-70.5790569203526 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR148 CaseType=Combination P=-209.967138782282 V2=24.279021940672 V3=0 T=0 M2=0 M3=-80.2879081401871 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR148 CaseType=Combination P=-209.439795032282 V2=24.79089640672 V3=0 T=0 M2=0 M3=-81.8214407614791 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR149 CaseType=Combination P=-203.428124999527 V2=35.0406349319738 V3=0 T=0 M2=0 M3=-69.6051659079525 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR149 CaseType=Combination P=-202.900781249527 V2=37.5562755569738 V3=0 T=0 M2=0 M3=-71.8739995365134 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR150 CaseType=Combination P=-66.2265137821306 V2=18.203355967333 V3=0 T=0 M2=0 M3=-29.3548532570922 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR150 CaseType=Combination P=-65.8358887821306 V2=18.715230967333 V3=0 T=0 M2=0 M3=-30.5086567550505 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR151 CaseType=Combination P=-59.6874999993759 V2=28.9649689586348 V3=0 T=0 M2=0 M3=-18.6721110248577 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR151 CaseType=Combination P=-59.2968749993759 V2=31.4806095836348 V3=0 T=0 M2=0 M3=-20.5612155300848 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR152 CaseType=Combination P=-184.895761190805 V2=32.2189538441993 V3=0 T=0 M2=0 M3=-77.0719724169189 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR152 CaseType=Combination P=-184.368417440805 V2=32.7308288441993 V3=0 T=0 M2=0 M3=-79.1017507821814 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR153 CaseType=Combination P=-172.715624999547 V2=6.47157547304192 V3=0 T=0 M2=0 M3=-58.0542624610133 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR153 CaseType=Combination P=-172.188281249547 V2=6.98345047304192 V3=0 T=0 M2=0 M3=-58.4748296780784 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR154 CaseType=Combination P=-178.193166500022 V2=18.8607747974831 V3=0 T=0 M2=0 M3=-66.7106617050768 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR154 CaseType=Combination P=-177.665822750022 V2=19.3726497974831 V3=0 T=0 M2=0 M3=-67.9055538799195 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR155 CaseType=Combination P=-172.715624999448 V2=27.9675639562217 V3=0 T=0 M2=0 M3=-57.7694316891989 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR155 CaseType=Combination P=-172.188281249448 V2=30.1298842687217 V3=0 T=0 M2=0 M3=-59.5851637138065 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR156 CaseType=Combination P=-65.1650414999494 V2=14.5483882455232 V3=0 T=0 M2=0 M3=-26.7130470074708 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR156 CaseType=Combination P=-64.7744164999494 V2=15.0602632455232 V3=0 T=0 M2=0 M3=-27.638415022816 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR157 CaseType=Combination P=-59.687499999375 V2=23.6551774042619 V3=0 T=0 M2=0 M3=-17.7718169915928 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR157 CaseType=Combination P=-59.296874999375 V2=25.8174977167619 V3=0 T=0 M2=0 M3=-19.318024856703 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR158 CaseType=Combination P=-80.5781249992133 V2=12.5010915594527 V3=0 T=0 M2=0 M3=-26.6140897050548 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR158 CaseType=Combination P=-80.0507812492133 V2=13.6034509344527 V3=0 T=0 M2=0 M3=-27.4300632009581 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR159 CaseType=Combination P=-80.5781249993123 V2=3.05681560867254 V3=0 T=0 M2=0 M3=-26.666401809865 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR159 CaseType=Combination P=-80.0507812493123 V2=3.56869060867254 V3=0 T=0 M2=0 M3=-26.8735549065285 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR160 CaseType=Combination P=-172.715624999548 V2=8.34665387281002 V3=0 T=0 M2=0 M3=-59.472730737453 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR160 CaseType=Combination P=-172.188281249548 V2=8.85852887281002 V3=0 T=0 M2=0 M3=-60.0104903545036 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR161 CaseType=Combination P=-178.193166500023 V2=20.7358531972512 V3=0 T=0 M2=0 M3=-68.1291299815165 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR161 CaseType=Combination P=-177.665822750023 V2=21.2477281972512 V3=0 T=0 M2=0 M3=-69.4412145563447 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR162 CaseType=Combination P=-172.715624999449 V2=29.8426423559898 V3=0 T=0 M2=0 M3=-59.1878999656386 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR162 CaseType=Combination P=-172.188281249449 V2=32.0049626684898 V3=0 T=0 M2=0 M3=-61.1208243902317 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR163 CaseType=Combination P=-65.1650414999507 V2=16.4234666452913 V3=0 T=0 M2=0 M3=-28.1315152839105 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR163 CaseType=Combination P=-64.7744164999507 V2=16.9353416452913 V3=0 T=0 M2=0 M3=-29.1740756992412 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR164 CaseType=Combination P=-59.6874999993763 V2=25.53025580403 V3=0 T=0 M2=0 M3=-19.1902852680325 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR164 CaseType=Combination P=-59.2968749993763 V2=27.69257611653 V3=0 T=0 M2=0 M3=-20.8536855331282 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR165 CaseType=Combination P=-80.5781249992107 V2=8.75093475991648 V3=0 T=0 M2=0 M3=-23.7771531521754 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR165 CaseType=Combination P=-80.0507812492107 V2=9.85329413491648 V3=0 T=0 M2=0 M3=-24.3587418481077 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR166 CaseType=Combination P=-80.5781249993097 V2=-0.693341190863657 V3=0 T=0 M2=0 M3=-23.829473628107 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR166 CaseType=Combination P=-80.0507812493097 V2=-0.181466190863657 V3=0 T=0 M2=0 M3=-23.8022335536781  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR167 CaseType=Combination P=-172.715624999545 V2=4.59649707327382 V3=0 T=0 M2=0 M3=-56.6357941845736 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR167 CaseType=Combination P=-172.188281249545 V2=5.10837207327382 V3=0 T=0 M2=0 M3=-56.9391690016532 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR168 CaseType=Combination P=-178.193166500021 V2=16.985696397715 V3=0 T=0 M2=0 M3=-65.2921934286371 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR168 CaseType=Combination P=-177.665822750021 V2=17.497571397715 V3=0 T=0 M2=0 M3=-66.3698932034943 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR169 CaseType=Combination P=-172.715624999446 V2=26.0924855564536 V3=0 T=0 M2=0 M3=-56.3509634127591 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR169 CaseType=Combination P=-172.188281249446 V2=28.2548058689536 V3=0 T=0 M2=0 M3=-58.0495030373813 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR170 CaseType=Combination P=-65.1650414999481 V2=12.6733098457551 V3=0 T=0 M2=0 M3=-25.2945787310311 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR170 CaseType=Combination P=-64.7744164999481 V2=13.1851848457551 V3=0 T=0 M2=0 M3=-26.1027543463908 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR171 CaseType=Combination P=-59.6874999993737 V2=21.7800990044938 V3=0 T=0 M2=0 M3=-16.3533487151531 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR171 CaseType=Combination P=-59.2968749993737 V2=23.9424193169938 V3=0 T=0 M2=0 M3=-17.7823641802777 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR172 CaseType=Combination P=-79.9277668131109 V2=9.79958662147975 V3=0 T=0 M2=0 M3=-22.9540054880889 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR172 CaseType=Combination P=-79.4004230631109 V2=10.9019459964798 V3=0 T=0 M2=0 M3=-23.6011349253689 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR173 CaseType=Combination P=-79.9277668132098 V2=0.355310670699614 V3=0 T=0 M2=0 M3=-23.0063259640205 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR173 CaseType=Combination P=-79.4004230632098 V2=0.867185670699614 V3=0 T=0 M2=0 M3=-23.0446266309392 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR174 CaseType=Combination P=-172.065266813446 V2=5.64514893483709 V3=0 T=0 M2=0 M3=-55.8126465204871 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR174 CaseType=Combination P=-171.537923063446 V2=6.15702393483709 V3=0 T=0 M2=0 M3=-56.1815620789144 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR175 CaseType=Combination P=-177.542808313921 V2=18.0343482592782 V3=0 T=0 M2=0 M3=-64.4690457645506 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR175 CaseType=Combination P=-177.015464563921 V2=18.5462232592782 V3=0 T=0 M2=0 M3=-65.6122862807555 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR176 CaseType=Combination P=-172.065266813347 V2=27.1411374180169 V3=0 T=0 M2=0 M3=-55.5278157486726 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR176 CaseType=Combination P=-171.537923063347 V2=29.3034577305169 V3=0 T=0 M2=0 M3=-57.2918961146424 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR177 CaseType=Combination P=-64.5146833138483 V2=13.7219617073184 V3=0 T=0 M2=0 M3=-24.4714310669446 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR177 CaseType=Combination P=-64.1240583138483 V2=14.2338367073184 V3=0 T=0 M2=0 M3=-25.3451474236519 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR178 CaseType=Combination P=-59.0371418132739 V2=22.8287508660571 V3=0 T=0 M2=0 M3=-15.5302010510666 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR178 CaseType=Combination P=-58.6465168132739 V2=24.9910711785571 V3=0 T=0 M2=0 M3=-17.0247572575389 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR179 CaseType=Combination P=-79.9277668131109 V2=9.79958662147975 V3=0 T=0 M2=0 M3=-22.9540054880889 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR179 CaseType=Combination P=-79.4004230631109 V2=10.9019459964798 V3=0 T=0 M2=0 M3=-23.6011349253689 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=STR180 CaseType=Combination P=-81.2284831853131 V2=11.4524396978894 V3=0 T=0 M2=0 M3=-27.4372373691414 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR180 CaseType=Combination P=-80.7011394353131 V2=12.5547990728894 V3=0 T=0 M2=0 M3=-28.187670123697 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR181 CaseType=Combination P=-81.2284831854121 V2=2.00816374710927 V3=0 T=0 M2=0 M3=-27.489557845073 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR181 CaseType=Combination P=-80.7011394354121 V2=2.52003874710927 V3=0 T=0 M2=0 M3=-27.6311618292673 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR182 CaseType=Combination P=-173.365983185648 V2=7.29800201124675 V3=0 T=0 M2=0 M3=-60.2958784015395 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR182 CaseType=Combination P=-172.838639435648 V2=7.80987701124675 V3=0 T=0 M2=0 M3=-60.768097272425 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR183 CaseType=Combination P=-178.843524686123 V2=19.6872013356879 V3=0 T=0 M2=0 M3=-68.9522776456031 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR183 CaseType=Combination P=-178.316180936123 V2=20.1990763356879 V3=0 T=0 M2=0 M3=-70.1988214790835 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR184 CaseType=Combination P=-173.365983185549 V2=28.7939904944266 V3=0 T=0 M2=0 M3=-60.0110476297251 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR184 CaseType=Combination P=-172.838639435549 V2=30.9563108069266 V3=0 T=0 M2=0 M3=-61.8784313129705 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR185 CaseType=Combination P=-65.8153996860505 V2=15.374814783728 V3=0 T=0 M2=0 M3=-28.954662947997 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR185 CaseType=Combination P=-65.4247746860505 V2=15.886689783728 V3=0 T=0 M2=0 M3=-29.93168262198 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR186 CaseType=Combination P=-60.3378581854761 V2=24.4816039424667 V3=0 T=0 M2=0 M3=-20.0134329321191 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR186 CaseType=Combination P=-59.9472331854761 V2=26.6439242549667 V3=0 T=0 M2=0 M3=-21.611292455867 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=STR187 CaseType=Combination P=-81.2284831853131 V2=11.4524396978894 V3=0 T=0 M2=0 M3=-27.4372373691414 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=STR187 CaseType=Combination P=-80.7011394353131 V2=12.5547990728894 V3=0 T=0 M2=0 M3=-28.187670123697 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-58.6035696892073 V2=38.8545443971015 V3=0 T=0 M2=0 M3=-15.0135878892749  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Max P=-58.2129446892073 V2=41.3701850221015 V3=0 T=0 M2=0 M3=-16.5544942843786  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-210.617496968384 V2=-0.693341190863657 V3=0 T=0 M2=0 M3=-83.996220278552  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Min P=-210.090153218384 V2=-0.181466190863657 V3=0 T=0 M2=0 M3=-  
85.7025815000667 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS01 CaseType=Combination P=-69.6979070642847 V2=32.869136773881 V3=0 T=0 M2=0 M3=-37.7215806078277 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS01 CaseType=Combination P=-69.3239695642847 V2=33.575699273881 V3=0 T=0 M2=0 M3=-39.7981347291119 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS02 CaseType=Combination P=-69.6979070642856 V2=34.1712745514977 V3=0 T=0 M2=0 M3=-38.7066280220219 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS02 CaseType=Combination P=-69.3239695642856 V2=34.8778370514977 V3=0 T=0 M2=0 M3=-40.8645657544072 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS03 CaseType=Combination P=-69.6979070642838 V2=31.5669989962642 V3=0 T=0 M2=0 M3=-36.7365331936335 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS03 CaseType=Combination P=-69.3239695642838 V2=32.2735614962643 V3=0 T=0 M2=0 M3=-38.7317037038166 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS04 CaseType=Combination P=-69.2462694350478 V2=32.2952294556832 V3=0 T=0 M2=0 M3=-36.1649028713511 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS04 CaseType=Combination P=-68.8723319350478 V2=33.0017919556832 V3=0 T=0 M2=0 M3=-38.205587785248 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS05 CaseType=Combination P=-70.1495446935215 V2=33.4430440920788 V3=0 T=0 M2=0 M3=-39.2782583443043 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS05 CaseType=Combination P=-69.7756071935216 V2=34.1496065920788 V3=0 T=0 M2=0 M3=-41.3906816729759 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS06 CaseType=Combination P=-69.6979070642838 V2=31.5227263118257 V3=0 T=0 M2=0 M3=-36.7030415815509 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS06 CaseType=Combination P=-69.3239695642838 V2=32.2292888118257 V3=0 T=0 M2=0 M3=-38.6954450489566 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS07 CaseType=Combination P=-69.2462694350487 V2=33.5973672332999 V3=0 T=0 M2=0 M3=-37.1499502855454 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS07 CaseType=Combination P=-68.8723319350487 V2=34.3039297332999 V3=0 T=0 M2=0 M3=-39.2720188105433 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS08 CaseType=Combination P=-70.1495446935225 V2=34.7451818696955 V3=0 T=0 M2=0 M3=-40.2633057584985 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS08 CaseType=Combination P=-69.7756071935225 V2=35.4517443696955 V3=0 T=0 M2=0 M3=-42.4571126982711 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS09 CaseType=Combination P=-69.6979070642847 V2=32.8248640894425 V3=0 T=0 M2=0 M3=-37.6880889957451 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS09 CaseType=Combination P=-69.3239695642847 V2=33.5314265894425 V3=0 T=0 M2=0 M3=-39.7618760742519 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS10 CaseType=Combination P=-74.7566570643685 V2=32.96824172572 V3=0 T=0 M2=0 M3=-39.4860421481495 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS10 CaseType=Combination P=-74.3493445643685 V2=33.67480422572 V3=0 T=0 M2=0 M3=-41.5687903289236 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=SIS11 CaseType=Combination P=-74.7566570643694 V2=34.2703795033367 V3=0 T=0 M2=0 M3=-40.4710895623437 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS11 CaseType=Combination P=-74.3493445643694 V2=34.9769420033367 V3=0 T=0 M2=0 M3=-42.6352213542189 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS12 CaseType=Combination P=-74.7566570643676 V2=31.6661039481032 V3=0 T=0 M2=0 M3=-38.5009947339552 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS12 CaseType=Combination P=-74.3493445643676 V2=32.3726664481032 V3=0 T=0 M2=0 M3=-40.5023593036283 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS13 CaseType=Combination P=-74.3050194351316 V2=32.3943344075222 V3=0 T=0 M2=0 M3=-37.9293644116729 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS13 CaseType=Combination P=-73.8977069351316 V2=33.1008969075222 V3=0 T=0 M2=0 M3=-39.9762433850597 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS14 CaseType=Combination P=-75.2082946936054 V2=33.5421490439178 V3=0 T=0 M2=0 M3=-41.042719884626 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS14 CaseType=Combination P=-74.8009821936054 V2=34.2487115439178 V3=0 T=0 M2=0 M3=-43.1613372727875 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS15 CaseType=Combination P=-74.7566570643676 V2=31.6218312636647 V3=0 T=0 M2=0 M3=-38.4675031218726 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS15 CaseType=Combination P=-74.3493445643676 V2=32.3283937636647 V3=0 T=0 M2=0 M3=-40.4661006487683 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS16 CaseType=Combination P=-74.3050194351325 V2=33.6964721851389 V3=0 T=0 M2=0 M3=-38.9144118258671 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS16 CaseType=Combination P=-73.8977069351325 V2=34.4030346851389 V3=0 T=0 M2=0 M3=-41.042674410355 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS17 CaseType=Combination P=-75.2082946936063 V2=34.8442868215345 V3=0 T=0 M2=0 M3=-42.0277672988203 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS17 CaseType=Combination P=-74.8009821936063 V2=35.5508493215345 V3=0 T=0 M2=0 M3=-44.2277682980828 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS18 CaseType=Combination P=-74.7566570643685 V2=32.9239690412815 V3=0 T=0 M2=0 M3=-39.4525505306669 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS18 CaseType=Combination P=-74.3493445643685 V2=33.6305315412815 V3=0 T=0 M2=0 M3=-41.5325316740636 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS19 CaseType=Combination P=-56.8760632332065 V2=21.008389327096 V3=0 T=0 M2=0 M3=-25.8766084194645 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS19 CaseType=Combination P=-56.5410632332065 V2=21.791951827096 V3=0 T=0 M2=0 M3=-27.2142720753247 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS20 CaseType=Combination P=-56.8760632332074 V2=22.3105271047128 V3=0 T=0 M2=0 M3=-26.8616558336587 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS20 CaseType=Combination P=-56.5410632332074 V2=23.0940896047128 V3=0 T=0 M2=0 M3=-28.28070310062 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS21 CaseType=Combination P=-56.8760632332056 V2=19.7062515494793 V3=0 T=0 M2=0 M3=-24.8915610052703 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS21 CaseType=Combination P=-56.5410632332056 V2=20.4898140494793 V3=0 T=0 M2=0 M3=-26.1478410500294 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS22 CaseType=Combination P=-56.4244256039696 V2=20.4344820088982 V3=0 T=0 M2=0 M3=-24.3199306829879 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS22 CaseType=Combination P=-56.0894256039696 V2=21.2180445088982 V3=0 T=0 M2=0 M3=-25.6217251314608 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS23 CaseType=Combination P=-57.3277008624434 V2=21.5822966452938 V3=0 T=0 M2=0 M3=-27.4332861559411 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS23 CaseType=Combination P=-56.9927008624434 V2=22.3658591452938 V3=0 T=0 M2=0 M3=-28.8068190191886 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS24 CaseType=Combination P=-56.8760632332056 V2=19.6619788650408 V3=0 T=0 M2=0 M3=-24.8580693931877 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS24 CaseType=Combination P=-56.5410632332056 V2=20.4455413650408 V3=0 T=0 M2=0 M3=-26.1115823951694 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS25 CaseType=Combination P=-56.4244256039705 V2=21.736619786515 V3=0 T=0 M2=0 M3=-25.3049780971822 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS25 CaseType=Combination P=-56.0894256039705 V2=22.520182286515 V3=0 T=0 M2=0 M3=-26.688156156756 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS26 CaseType=Combination P=-57.3277008624443 V2=22.8844344229106 V3=0 T=0 M2=0 M3=-28.4183335701353 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS26 CaseType=Combination P=-56.9927008624443 V2=23.6679969229106 V3=0 T=0 M2=0 M3=-29.8732500444839 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS27 CaseType=Combination P=-56.8760632332065 V2=20.9641166426575 V3=0 T=0 M2=0 M3=-25.8431168073819 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS27 CaseType=Combination P=-56.5410632332065 V2=21.7476791426575 V3=0 T=0 M2=0 M3=-27.1780134204647 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS28 CaseType=Combination P=-73.7385632334859 V2=21.3387391665594 V3=0 T=0 M2=0 M3=-31.7581468872037 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS28 CaseType=Combination P=-73.2923132334859 V2=22.1223016665594 V3=0 T=0 M2=0 M3=-33.1164574080303 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS29 CaseType=Combination P=-73.7385632334868 V2=22.6408769441761 V3=0 T=0 M2=0 M3=-32.7431943013979 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS29 CaseType=Combination P=-73.2923132334868 V2=23.4244394441761 V3=0 T=0 M2=0 M3=-34.1828884333256 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS30 CaseType=Combination P=-73.7385632334885 V2=20.0366013889426 V3=0 T=0 M2=0 M3=-30.7730994730094 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS30 CaseType=Combination P=-73.2923132334885 V2=20.8201638889426 V3=0 T=0 M2=0 M3=-32.050026382735 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=SIS31 CaseType=Combination P=-73.286925604249 V2=20.7648318483616 V3=0 T=0 M2=0 M3=-30.2014691507271 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS31 CaseType=Combination P=-72.840675604249 V2=21.5483943483616 V3=0 T=0 M2=0 M3=-31.5239104641664 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS32 CaseType=Combination P=-74.1902008627228 V2=21.9126464847572 V3=0 T=0 M2=0 M3=-33.3148246236802 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS32 CaseType=Combination P=-73.7439508627228 V2=22.6962089847572 V3=0 T=0 M2=0 M3=-34.7090043518942 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS33 CaseType=Combination P=-73.738563233485 V2=19.9923287045041 V3=0 T=0 M2=0 M3=-30.7396078609268 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS33 CaseType=Combination P=-73.292313233485 V2=20.7758912045041 V3=0 T=0 M2=0 M3=-32.013767727875 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS34 CaseType=Combination P=-73.2869256042499 V2=22.0669696259783 V3=0 T=0 M2=0 M3=-31.1865165649214 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS34 CaseType=Combination P=-72.8406756042499 V2=22.8505321259783 V3=0 T=0 M2=0 M3=-32.5903414894617 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS35 CaseType=Combination P=-74.1902008627237 V2=23.2147842623739 V3=0 T=0 M2=0 M3=-34.2998720378745 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS35 CaseType=Combination P=-73.7439508627237 V2=23.9983467623739 V3=0 T=0 M2=0 M3=-35.7754353771895 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=SIS36 CaseType=Combination P=-73.7385632334859 V2=21.2944664821209 V3=0 T=0 M2=0 M3=-31.7246552751211 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=SIS36 CaseType=Combination P=-73.2923132334859 V2=22.0780289821209 V3=0 T=0 M2=0 M3=-33.0801987531703 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-56.4244256039696 V2=34.8442868215345 V3=0 T=0 M2=0 M3=-24.3199306829879  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Max P=-56.0894256039696 V2=35.5508493215345 V3=0 T=0 M2=0 M3=-25.6217251314608  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-75.2082946936063 V2=19.6619788650408 V3=0 T=0 M2=0 M3=-42.0277672988203  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Min P=-74.8009821936063 V2=20.4455413650408 V3=0 T=0 M2=0 M3=-44.2277682980828  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR001 CaseType=Combination P=-59.6874999994179 V2=10.2647394582349 V3=0 T=0 M2=0 M3=-20.47415932717 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR001 CaseType=Combination P=-59.2968749994179 V2=11.0813019582349 V3=0 T=0 M2=0 M3=-21.1413761162264 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR002 CaseType=Combination P=-150.687499999709 V2=10.6151056489159 V3=0 T=0 M2=0 M3=-52.902445679772 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR002 CaseType=Combination P=-150.296874999709 V2=11.1269806489159 V3=0 T=0 M2=0 M3=-53.5819835328292 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR003 CaseType=Combination P=-155.016055698507 V2=20.3511513456885 V3=0 T=0 M2=0 M3=-59.7239882617664 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR003 CaseType=Combination P=-154.625430698507 V2=20.8630263456885 V3=0 T=0 M2=0 M3=-61.012028970872 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR004 CaseType=Combination P=-150.687499999651 V2=27.3921970350618 V3=0 T=0 M2=0 M3=-52.6458237820675 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR004 CaseType=Combination P=-150.296874999651 V2=29.2556345350618 V3=0 T=0 M2=0 M3=-54.4162019821756 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR005 CaseType=Combination P=-64.0160556982737 V2=15.1266197267873 V3=0 T=0 M2=0 M3=-27.3226840084661 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR005 CaseType=Combination P=-63.6254306982737 V2=15.6384947267873 V3=0 T=0 M2=0 M3=-28.2841914913903 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR006 CaseType=Combination P=-59.6874999994179 V2=22.1676654161606 V3=0 T=0 M2=0 M3=-20.2445195287672 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR006 CaseType=Combination P=-59.2968749994179 V2=24.0311029161606 V3=0 T=0 M2=0 M3=-21.6883645026939 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR007 CaseType=Combination P=-136.444664890005 V2=26.2325823853383 V3=0 T=0 M2=0 M3=-57.3418136519382 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR007 CaseType=Combination P=-136.054039890005 V2=26.7444573853383 V3=0 T=0 M2=0 M3=-58.9974438010218 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR008 CaseType=Combination P=-59.687499999478 V2=7.99484958524812 V3=0 T=0 M2=0 M3=-22.4712362548602 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR008 CaseType=Combination P=-59.296874999478 V2=8.50672458524812 V3=0 T=0 M2=0 M3=-22.9870081039382 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR009 CaseType=Combination P=-150.68749999971 V2=12.1776709820559 V3=0 T=0 M2=0 M3=-54.0845025768051 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR009 CaseType=Combination P=-150.29687499971 V2=12.6895459820559 V3=0 T=0 M2=0 M3=-54.8617007631836 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR010 CaseType=Combination P=-155.016055698508 V2=21.9137166788286 V3=0 T=0 M2=0 M3=-60.9060451587995 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR010 CaseType=Combination P=-154.625430698508 V2=22.4255916788286 V3=0 T=0 M2=0 M3=-62.2917462012263 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR011 CaseType=Combination P=-150.687499999652 V2=28.9547623682019 V3=0 T=0 M2=0 M3=-53.8278806791006 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR011 CaseType=Combination P=-150.296874999652 V2=30.8181998682019 V3=0 T=0 M2=0 M3=-55.6959192125299 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR012 CaseType=Combination P=-64.0160556982748 V2=16.6891850599274 V3=0 T=0 M2=0 M3=-28.5047409054992 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR012 CaseType=Combination P=-63.6254306982748 V2=17.2010600599274 V3=0 T=0 M2=0 M3=-29.5639087217447 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR013 CaseType=Combination P=-59.687499999419 V2=23.7302307493006 V3=0 T=0 M2=0 M3=-21.4265764258003 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR013 CaseType=Combination P=-59.296874999419 V2=25.5936682493006 V3=0 T=0 M2=0 M3=-22.9680817330483 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR014 CaseType=Combination P=-136.444664890006 V2=27.7951477184784 V3=0 T=0 M2=0 M3=-58.5238705489713 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR014 CaseType=Combination P=-136.054039890006 V2=28.3070227184784 V3=0 T=0 M2=0 M3=-60.2771610313762 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR015 CaseType=Combination P=-127.937499999653 V2=11.913248299424 V3=0 T=0 M2=0 M3=-46.7722144448354 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR015 CaseType=Combination P=-127.546874999653 V2=12.425123299424 V3=0 T=0 M2=0 M3=-47.5328862135494 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR016 CaseType=Combination P=-131.479779933872 V2=19.8993579382435 V3=0 T=0 M2=0 M3=-52.3611579272775 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR016 CaseType=Combination P=-131.089154933872 V2=20.4112329382435 V3=0 T=0 M2=0 M3=-53.6209615484178 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR017 CaseType=Combination P=-127.937499999594 V2=25.7146081960885 V3=0 T=0 M2=0 M3=-46.5730024967316 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR017 CaseType=Combination P=-127.546874999594 V2=27.3163269460885 V3=0 T=0 M2=0 M3=-48.2303575662789 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR018 CaseType=Combination P=-63.2297799336975 V2=15.9809592240676 V3=0 T=0 M2=0 M3=-28.0601797373023 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR018 CaseType=Combination P=-62.8391549336975 V2=16.4928342240676 V3=0 T=0 M2=0 M3=-29.0750834388065 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR019 CaseType=Combination P=-59.6874999994197 V2=21.7962094819126 V3=0 T=0 M2=0 M3=-22.2720243067564 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR019 CaseType=Combination P=-59.2968749994197 V2=23.3979282319126 V3=0 T=0 M2=0 M3=-23.6844794566676 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR020 CaseType=Combination P=-59.1455348443937 V2=7.30616080341076 V3=0 T=0 M2=0 M3=-20.6032229710883 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR020 CaseType=Combination P=-58.7549098443937 V2=7.81803580341076 V3=0 T=0 M2=0 M3=-21.0759517713015 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR021 CaseType=Combination P=-127.395534844568 V2=11.2245595175867 V3=0 T=0 M2=0 M3=-44.9042011610635 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR021 CaseType=Combination P=-127.004909844568 V2=11.7364345175867 V3=0 T=0 M2=0 M3=-45.6218298809127 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR022 CaseType=Combination P=-130.937814778788 V2=19.2106691564061 V3=0 T=0 M2=0 M3=-50.4931446435057 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR022 CaseType=Combination P=-130.547189778788 V2=19.7225441564061 V3=0 T=0 M2=0 M3=-51.709905215781 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR023 CaseType=Combination P=-127.39553484451 V2=25.0259194142512 V3=0 T=0 M2=0 M3=-44.7049892129598 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR023 CaseType=Combination P=-127.00490984451 V2=26.6276381642512 V3=0 T=0 M2=0 M3=-46.3193012336422 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR024 CaseType=Combination P=-62.6878147786132 V2=15.2922704422302 V3=0 T=0 M2=0 M3=-26.1921664535304 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR024 CaseType=Combination P=-62.2971897786132 V2=15.8041454422302 V3=0 T=0 M2=0 M3=-27.1640271061698 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR025 CaseType=Combination P=-59.1455348443355 V2=21.1075207000753 V3=0 T=0 M2=0 M3=-20.4040110229846 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR025 CaseType=Combination P=-58.7549098443355 V2=22.7092394500753 V3=0 T=0 M2=0 M3=-21.7734231240309 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR026 CaseType=Combination P=-60.2294651545622 V2=8.68353836708548 V3=0 T=0 M2=0 M3=-24.3392495386321 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR026 CaseType=Combination P=-59.8388401545622 V2=9.19541336708548 V3=0 T=0 M2=0 M3=-24.8980644365749 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR027 CaseType=Combination P=-128.479465154737 V2=12.6019370812614 V3=0 T=0 M2=0 M3=-48.6402277286073 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR027 CaseType=Combination P=-128.088840154737 V2=13.1138120812614 V3=0 T=0 M2=0 M3=-49.4439245461861 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR028 CaseType=Combination P=-132.021745088956 V2=20.5880467200809 V3=0 T=0 M2=0 M3=-54.2291712110494 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR028 CaseType=Combination P=-131.631120088956 V2=21.0999217200809 V3=0 T=0 M2=0 M3=-55.5320178810545 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR029 CaseType=Combination P=-128.479465154679 V2=26.4032969779259 V3=0 T=0 M2=0 M3=-48.4410157805035 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR029 CaseType=Combination P=-128.088840154679 V2=28.0050157279259 V3=0 T=0 M2=0 M3=-50.1414138989156 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR030 CaseType=Combination P=-63.7717450887818 V2=16.6696480059049 V3=0 T=0 M2=0 M3=-29.9281930210742 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR030 CaseType=Combination P=-63.3811200887818 V2=17.1815230059049 V3=0 T=0 M2=0 M3=-30.9861397714432 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR031 CaseType=Combination P=-60.229465154504 V2=22.48489826375 V3=0 T=0 M2=0 M3=-24.1400375905283 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR031 CaseType=Combination P=-59.838840154504 V2=24.08661701375 V3=0 T=0 M2=0 M3=-25.5955357893043 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR032 CaseType=Combination P=-59.6874999994769 V2=6.37915703078182 V3=0 T=0 M2=0 M3=-21.24899423328 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR032 CaseType=Combination P=-59.2968749994769 V2=6.89103203078182 V3=0 T=0 M2=0 M3=-21.6637804877518 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR033 CaseType=Combination P=-127.937499999651 V2=10.2975557449577 V3=0 T=0 M2=0 M3=-45.5499676133032 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR033 CaseType=Combination P=-127.546874999651 V2=10.8094307449577 V3=0 T=0 M2=0 M3=-46.2096585973631 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR034 CaseType=Combination P=-131.479779933871 V2=18.2836653837772 V3=0 T=0 M2=0 M3=-51.1389110957453 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR034 CaseType=Combination P=-131.089154933871 V2=18.7955403837772 V3=0 T=0 M2=0 M3=-52.2977339322314 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR035 CaseType=Combination P=-127.937499999593 V2=24.0989156416222 V3=0 T=0 M2=0 M3=-45.3507556651994 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR035 CaseType=Combination P=-127.546874999593 V2=25.7006343916222 V3=0 T=0 M2=0 M3=-46.9071299500925 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR036 CaseType=Combination P=-63.2297799336964 V2=14.3652666696013 V3=0 T=0 M2=0 M3=-26.8379329057701 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR036 CaseType=Combination P=-62.8391549336964 V2=14.8771416696013 V3=0 T=0 M2=0 M3=-27.7518558226202 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR037 CaseType=Combination P=-59.6874999994186 V2=20.1805169274463 V3=0 T=0 M2=0 M3=-21.0497774752242 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR037 CaseType=Combination P=-59.2968749994186 V2=21.7822356774463 V3=0 T=0 M2=0 M3=-22.3612518404813 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR038 CaseType=Combination P=-59.6874999994743 V2=2.78629847478118 V3=0 T=0 M2=0 M3=-18.5310465980832 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR038 CaseType=Combination P=-59.2968749994743 V2=3.29817347478118 V3=0 T=0 M2=0 M3=-18.721284002757 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR039 CaseType=Combination P=-150.687499999708 V2=9.05254031577578 V3=0 T=0 M2=0 M3=-51.7203887827389 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR039 CaseType=Combination P=-150.296874999708 V2=9.56441531577578 V3=0 T=0 M2=0 M3=-52.3022663024749 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR040 CaseType=Combination P=-155.016055698505 V2=18.7885860125484 V3=0 T=0 M2=0 M3=-58.5419313647334 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR040 CaseType=Combination P=-154.625430698505 V2=19.3004610125484 V3=0 T=0 M2=0 M3=-59.7323117405176 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR041 CaseType=Combination P=-150.68749999965 V2=25.8296317019217 V3=0 T=0 M2=0 M3=-51.4637668850345 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR041 CaseType=Combination P=-150.29687499965 V2=27.6930692019217 V3=0 T=0 M2=0 M3=-53.1364847518212 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR042 CaseType=Combination P=-64.0160556982726 V2=13.5640543936472 V3=0 T=0 M2=0 M3=-26.140627114331 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR042 CaseType=Combination P=-63.6254306982726 V2=14.0759293936472 V3=0 T=0 M2=0 M3=-27.004474261036 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR043 CaseType=Combination P=-59.6874999994168 V2=20.6051000830205 V3=0 T=0 M2=0 M3=-19.0624626317342 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR043 CaseType=Combination P=-59.2968749994168 V2=22.4685375830205 V3=0 T=0 M2=0 M3=-20.4086472723396 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR044 CaseType=Combination P=-136.444664890004 V2=24.6700170521983 V3=0 T=0 M2=0 M3=-56.1597567549051 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR044 CaseType=Combination P=-136.054039890004 V2=25.1818920521983 V3=0 T=0 M2=0 M3=-57.7177265706675 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR045 CaseType=Combination P=-127.937499999649 V2=6.70469718895708 V3=0 T=0 M2=0 M3=-42.8320247880584 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR045 CaseType=Combination P=-127.546874999649 V2=7.21657218895708 V3=0 T=0 M2=0 M3=-43.2671621123683 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR046 CaseType=Combination P=-131.479779933868 V2=14.6908068277766 V3=0 T=0 M2=0 M3=-48.4209682705006 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR046 CaseType=Combination P=-131.089154933868 V2=15.2026818277766 V3=0 T=0 M2=0 M3=-49.3552374472366 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR047 CaseType=Combination P=-127.937499999591 V2=20.5060570856216 V3=0 T=0 M2=0 M3=-42.6328128399547 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR047 CaseType=Combination P=-127.546874999591 V2=22.1077758356216 V3=0 T=0 M2=0 M3=-43.9646334650977 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR048 CaseType=Combination P=-63.2297799336939 V2=10.7724081136006 V3=0 T=0 M2=0 M3=-24.1199900805253 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR048 CaseType=Combination P=-62.8391549336939 V2=11.2842831136006 V3=0 T=0 M2=0 M3=-24.8093593376254 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR049 CaseType=Combination P=-59.6874999994161 V2=16.5876583714457 V3=0 T=0 M2=0 M3=-18.3318346499795 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR049 CaseType=Combination P=-59.2968749994161 V2=18.1893771214457 V3=0 T=0 M2=0 M3=-19.4187553554865 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR050 CaseType=Combination P=-59.14553484439 V2=2.09760969294382 V3=0 T=0 M2=0 M3=-16.6630333143114 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR050 CaseType=Combination P=-58.75490984439 V2=2.60948469294382 V3=0 T=0 M2=0 M3=-16.8102276701203 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR051 CaseType=Combination P=-127.395534844565 V2=6.01600840711973 V3=0 T=0 M2=0 M3=-40.9640115042866 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR051 CaseType=Combination P=-127.004909844565 V2=6.52788340711973 V3=0 T=0 M2=0 M3=-41.3561057797316 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR052 CaseType=Combination P=-130.937814778784 V2=14.0021180459392 V3=0 T=0 M2=0 M3=-46.5529549867287 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR052 CaseType=Combination P=-130.547189778784 V2=14.5139930459392 V3=0 T=0 M2=0 M3=-47.4441811145999 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR053 CaseType=Combination P=-127.395534844506 V2=19.8173683037842 V3=0 T=0 M2=0 M3=-40.7647995561828 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR053 CaseType=Combination P=-127.004909844506 V2=21.4190870537842 V3=0 T=0 M2=0 M3=-42.053577132461 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR054 CaseType=Combination P=-62.6878147786096 V2=10.0837193317633 V3=0 T=0 M2=0 M3=-22.2519767967535 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR054 CaseType=Combination P=-62.2971897786096 V2=10.5955943317633 V3=0 T=0 M2=0 M3=-22.8983030049887 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR055 CaseType=Combination P=-59.1455348443318 V2=15.8989695896083 V3=0 T=0 M2=0 M3=-16.4638213662076 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR055 CaseType=Combination P=-58.7549098443318 V2=17.5006883396083 V3=0 T=0 M2=0 M3=-17.5076990228498 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR056 CaseType=Combination P=-60.2294651545586 V2=3.47498725661853 V3=0 T=0 M2=0 M3=-20.3990598818551 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR056 CaseType=Combination P=-59.8388401545586 V2=3.98686225661853 V3=0 T=0 M2=0 M3=-20.6323403353937 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR057 CaseType=Combination P=-128.479465154733 V2=7.39338597079444 V3=0 T=0 M2=0 M3=-44.7000380718303 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR057 CaseType=Combination P=-128.088840154733 V2=7.90526097079444 V3=0 T=0 M2=0 M3=-45.178218445005 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR058 CaseType=Combination P=-132.021745088953 V2=15.3794956096139 V3=0 T=0 M2=0 M3=-50.2889815542724 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR058 CaseType=Combination P=-131.631120088953 V2=15.8913706096139 V3=0 T=0 M2=0 M3=-51.2662937798733 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR059 CaseType=Combination P=-128.479465154675 V2=21.1947458674589 V3=0 T=0 M2=0 M3=-44.5008261237265 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR059 CaseType=Combination P=-128.088840154675 V2=22.7964646174589 V3=0 T=0 M2=0 M3=-45.8756897977344 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR060 CaseType=Combination P=-63.7717450887781 V2=11.461096895438 V3=0 T=0 M2=0 M3=-25.9880033642972 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR060 CaseType=Combination P=-63.3811200887781 V2=11.972971895438 V3=0 T=0 M2=0 M3=-26.7204156702621 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR061 CaseType=Combination P=-60.2294651545004 V2=17.276347153283 V3=0 T=0 M2=0 M3=-20.1998479337513 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR061 CaseType=Combination P=-59.8388401545004 V2=18.878065903283 V3=0 T=0 M2=0 M3=-21.3298116881232 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR062 CaseType=Combination P=-59.6874999994732 V2=1.17060592031488 V3=0 T=0 M2=0 M3=-17.308799766551 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR062 CaseType=Combination P=-59.2968749994732 V2=1.68248092031488 V3=0 T=0 M2=0 M3=-17.3980563865707 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR063 CaseType=Combination P=-127.937499999648 V2=5.08900463449079 V3=0 T=0 M2=0 M3=-41.6097779565262 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR063 CaseType=Combination P=-127.546874999648 V2=5.60087963449079 V3=0 T=0 M2=0 M3=-41.9439344961819 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR064 CaseType=Combination P=-131.479779933867 V2=13.0751142733103 V3=0 T=0 M2=0 M3=-47.1987214389684 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR064 CaseType=Combination P=-131.089154933867 V2=13.5869892733103 V3=0 T=0 M2=0 M3=-48.0320098310503 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR065 CaseType=Combination P=-127.93749999959 V2=18.8903645311553 V3=0 T=0 M2=0 M3=-41.4105660084225 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR065 CaseType=Combination P=-127.54687499959 V2=20.4920832811553 V3=0 T=0 M2=0 M3=-42.6414058489114 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR066 CaseType=Combination P=-63.2297799336928 V2=9.15671555913435 V3=0 T=0 M2=0 M3=-22.8977432489931 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR066 CaseType=Combination P=-62.8391549336928 V2=9.66859055913435 V3=0 T=0 M2=0 M3=-23.486131721439 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR067 CaseType=Combination P=-59.687499999415 V2=14.9719658169794 V3=0 T=0 M2=0 M3=-17.1095878184472 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR067 CaseType=Combination P=-59.296874999415 V2=16.5736845669794 V3=0 T=0 M2=0 M3=-18.0955277393001 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR068 CaseType=Combination P=-58.7842247410024 V2=4.24275939361905 V3=0 T=0 M2=0 M3=-17.3877859535186 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR068 CaseType=Combination P=-58.3935997410024 V2=4.75463439361905 V3=0 T=0 M2=0 M3=-17.6690521656198 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR069 CaseType=Combination P=-150.145534844625 V2=9.9264168670785 V3=0 T=0 M2=0 M3=-51.0344233960001 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR069 CaseType=Combination P=-149.754909844625 V2=10.4382918670785 V3=0 T=0 M2=0 M3=-51.6709272001925 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR070 CaseType=Combination P=-154.474090543422 V2=19.6624625638511 V3=0 T=0 M2=0 M3=-57.8559749779946 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR070 CaseType=Combination P=-154.083465543422 V2=20.1743375638511 V3=0 T=0 M2=0 M3=-59.1009726382353 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR071 CaseType=Combination P=-150.145534844566 V2=26.7035082532244 V3=0 T=0 M2=0 M3=-50.7778104982957 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR071 CaseType=Combination P=-149.754909844566 V2=28.5669457532244 V3=0 T=0 M2=0 M3=-52.5051456495389 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR072 CaseType=Combination P=-63.4740905431894 V2=14.4379309449499 V3=0 T=0 M2=0 M3=-25.4546707246943 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR072 CaseType=Combination P=-63.0834655431894 V2=14.9498059449499 V3=0 T=0 M2=0 M3=-26.3731351587536 FrameElem=2-1  
ElemStation=0.0625

PROGETTO S.D.P.  
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Frame=2 Station=0 OutputCase=RAR073 CaseType=Combination P=-59.1455348443337 V2=21.4789766343232 V3=0 T=0 M2=0 M3=-18.3765062449954 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR073 CaseType=Combination P=-58.7549098443337 V2=23.3424141343232 V3=0 T=0 M2=0 M3=-19.7773081700572 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR074 CaseType=Combination P=-135.902699734921 V2=25.543893603501 V3=0 T=0 M2=0 M3=-55.4738003681663 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR074 CaseType=Combination P=-135.512074734921 V2=26.055768603501 V3=0 T=0 M2=0 M3=-57.0863874683851 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR075 CaseType=Combination P=-127.034224741177 V2=8.16115810779496 V3=0 T=0 M2=0 M3=-41.6887641434938 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR075 CaseType=Combination P=-126.643599741177 V2=8.67303310779496 V3=0 T=0 M2=0 M3=-42.214930275231 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR076 CaseType=Combination P=-130.576504675397 V2=16.1472677466144 V3=0 T=0 M2=0 M3=-47.2777076259359 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR076 CaseType=Combination P=-130.185879675397 V2=16.6591427466144 V3=0 T=0 M2=0 M3=-48.3030056100993 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR077 CaseType=Combination P=-127.034224741119 V2=21.9625180044595 V3=0 T=0 M2=0 M3=-41.48955219539 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR077 CaseType=Combination P=-126.643599741119 V2=23.5642367544595 V3=0 T=0 M2=0 M3=-42.9124016279604 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR078 CaseType=Combination P=-62.3265046752219 V2=12.2288690324385 V3=0 T=0 M2=0 M3=-22.9767294359607 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR078 CaseType=Combination P=-61.9358796752219 V2=12.7407440324385 V3=0 T=0 M2=0 M3=-23.7571275004881 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR079 CaseType=Combination P=-58.7842247409442 V2=18.0441192902836 V3=0 T=0 M2=0 M3=-17.1885740054148 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR079 CaseType=Combination P=-58.3935997409442 V2=19.6458380402836 V3=0 T=0 M2=0 M3=-18.3665235183492 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR080 CaseType=Combination P=-58.7842247410035 V2=5.80532472675914 V3=0 T=0 M2=0 M3=-18.5698428505517 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR080 CaseType=Combination P=-58.3935997410035 V2=6.31719972675914 V3=0 T=0 M2=0 M3=-18.9487693959741 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR081 CaseType=Combination P=-127.034224741178 V2=9.72372344093504 V3=0 T=0 M2=0 M3=-42.8708210405269 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR081 CaseType=Combination P=-126.643599741178 V2=10.235598440935 V3=0 T=0 M2=0 M3=-43.4946475055853 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR082 CaseType=Combination P=-130.576504675398 V2=17.7098330797545 V3=0 T=0 M2=0 M3=-48.459764522969 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR082 CaseType=Combination P=-130.185879675398 V2=18.2217080797545 V3=0 T=0 M2=0 M3=-49.5827228404537 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR083 CaseType=Combination P=-127.034224741112 V2=23.5250833375996 V3=0 T=0 M2=0 M3=-42.6716090924231 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR083 CaseType=Combination P=-126.643599741112 V2=25.1268020875996 V3=0 T=0 M2=0 M3=-44.1921188583148 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR084 CaseType=Combination P=-62.326504675223 V2=13.7914343655786 V3=0 T=0 M2=0 M3=-24.158786329938 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR084 CaseType=Combination P=-61.935879675223 V2=14.3033093655786 V3=0 T=0 M2=0 M3=-25.0368447308425 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR085 CaseType=Combination P=-58.7842247409452 V2=19.6066846234236 V3=0 T=0 M2=0 M3=-18.3763030924479 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR085 CaseType=Combination P=-58.3935997409452 V2=21.2084033734236 V3=0 T=0 M2=0 M3=-19.6462407487036 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR086 CaseType=Combination P=-58.7842247410013 V2=2.68019406047897 V3=0 T=0 M2=0 M3=-16.2057290564855 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR086 CaseType=Combination P=-58.3935997410013 V2=3.19206906047897 V3=0 T=0 M2=0 M3=-16.3893349352654 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR087 CaseType=Combination P=-127.034224741176 V2=6.59859277465488 V3=0 T=0 M2=0 M3=-40.5067072464607 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR087 CaseType=Combination P=-126.643599741176 V2=7.11046777465488 V3=0 T=0 M2=0 M3=-40.9352130448767 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR088 CaseType=Combination P=-130.576504675395 V2=14.5847024134743 V3=0 T=0 M2=0 M3=-46.0956507289028 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR088 CaseType=Combination P=-130.185879675395 V2=15.0965774134743 V3=0 T=0 M2=0 M3=-47.023288379745 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR089 CaseType=Combination P=-127.034224741118 V2=20.3999526713194 V3=0 T=0 M2=0 M3=-40.307495298357 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR089 CaseType=Combination P=-126.643599741118 V2=22.0016714213194 V3=0 T=0 M2=0 M3=-41.6326843976061 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR090 CaseType=Combination P=-62.3265046752208 V2=10.6663036992984 V3=0 T=0 M2=0 M3=-21.7946725389276 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR090 CaseType=Combination P=-61.9358796752208 V2=11.1781786992984 V3=0 T=0 M2=0 M3=-22.4774102701338 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR091 CaseType=Combination P=-58.7842247409431 V2=16.4815539571435 V3=0 T=0 M2=0 M3=-16.0065171083817 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR091 CaseType=Combination P=-58.3935997409431 V2=18.0832727071435 V3=0 T=0 M2=0 M3=-17.0868062879949 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR092 CaseType=Combination P=-58.7842247410013 V2=2.62706683915276 V3=0 T=0 M2=0 M3=-16.1655391219864 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR092 CaseType=Combination P=-58.3935997410013 V2=3.13894183915276 V3=0 T=0 M2=0 M3=-16.3458245494334 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR093 CaseType=Combination P=-127.034224741176 V2=6.54546555332867 V3=0 T=0 M2=0 M3=-40.4665173119616 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR093 CaseType=Combination P=-126.643599741176 V2=7.05734055332867 V3=0 T=0 M2=0 M3=-40.8917026590447 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR094 CaseType=Combination P=-130.576504675395 V2=14.5315751921481 V3=0 T=0 M2=0 M3=-46.0554607944037 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR094 CaseType=Combination P=-130.185879675395 V2=15.0434501921481 V3=0 T=0 M2=0 M3=-46.979777993913 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR095 CaseType=Combination P=-127.034224741118 V2=20.3468254499932 V3=0 T=0 M2=0 M3=-40.2673053638578 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR095 CaseType=Combination P=-126.643599741118 V2=21.9485441999932 V3=0 T=0 M2=0 M3=-41.5891740117741 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR096 CaseType=Combination P=-62.3265046752208 V2=10.6131764779722 V3=0 T=0 M2=0 M3=-21.7544826044285 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR096 CaseType=Combination P=-61.9358796752208 V2=11.1250514779722 V3=0 T=0 M2=0 M3=-22.4338998843018 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR097 CaseType=Combination P=-58.7842247409431 V2=16.4284267358173 V3=0 T=0 M2=0 M3=-15.9663271738826 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR097 CaseType=Combination P=-58.3935997409431 V2=18.0301454858173 V3=0 T=0 M2=0 M3=-17.0432959021629 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR098 CaseType=Combination P=-60.5907752579499 V2=6.53838866641024 V3=0 T=0 M2=0 M3=-23.6144968994248 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR098 CaseType=Combination P=-60.2001502579499 V2=7.05026366641024 V3=0 T=0 M2=0 M3=-24.0392399410755 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR099 CaseType=Combination P=-151.229465154793 V2=11.3037944307532 V3=0 T=0 M2=0 M3=-54.7704589635439 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR099 CaseType=Combination P=-150.838840154793 V2=11.8156694307532 V3=0 T=0 M2=0 M3=-55.493039865466 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR100 CaseType=Combination P=-155.558020853591 V2=21.0398401275258 V3=0 T=0 M2=0 M3=-61.5920015455383 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR100 CaseType=Combination P=-155.167395853591 V2=21.5517151275258 V3=0 T=0 M2=0 M3=-62.9230853035087 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR101 CaseType=Combination P=-151.229465154735 V2=28.0808858168991 V3=0 T=0 M2=0 M3=-54.5138370658394 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR101 CaseType=Combination P=-150.838840154735 V2=29.9443233168991 V3=0 T=0 M2=0 M3=-56.3272583148123 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR102 CaseType=Combination P=-64.558020853358 V2=15.8153085086246 V3=0 T=0 M2=0 M3=-29.190697292238 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR102 CaseType=Combination P=-64.167395853358 V2=16.3271835086246 V3=0 T=0 M2=0 M3=-30.195247824027 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR103 CaseType=Combination P=-60.2294651545022 V2=22.8563541979979 V3=0 T=0 M2=0 M3=-22.1125328125391 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR103 CaseType=Combination P=-59.8388401545022 V2=24.7197916979979 V3=0 T=0 M2=0 M3=-23.5994208353306 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR104 CaseType=Combination P=-136.986630045089 V2=26.9212711671757 V3=0 T=0 M2=0 M3=-59.2098269357101 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR104 CaseType=Combination P=-136.596005045089 V2=27.4331461671757 V3=0 T=0 M2=0 M3=-60.9085001336585 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR105 CaseType=Combination P=-128.840775258125 V2=10.4567873805861 V3=0 T=0 M2=0 M3=-47.9154750894 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR105 CaseType=Combination P=-128.450150258125 V2=10.9686623805861 V3=0 T=0 M2=0 M3=-48.5851180506867 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR106 CaseType=Combination P=-132.383055192344 V2=18.4428970194056 V3=0 T=0 M2=0 M3=-53.5044185718422 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR106 CaseType=Combination P=-131.992430192344 V2=18.9547720194056 V3=0 T=0 M2=0 M3=-54.673193385555 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR107 CaseType=Combination P=-128.840775258066 V2=24.258147272507 V3=0 T=0 M2=0 M3=-47.7162631412963 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR107 CaseType=Combination P=-128.450150258066 V2=25.8598660272507 V3=0 T=0 M2=0 M3=-49.2825894034161 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR108 CaseType=Combination P=-64.1330551921695 V2=14.5244983052297 V3=0 T=0 M2=0 M3=-29.2034403818669 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR108 CaseType=Combination P=-63.7424301921695 V2=15.0363733052297 V3=0 T=0 M2=0 M3=-30.1273152759438 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR109 CaseType=Combination P=-60.5907752578917 V2=20.3397485630748 V3=0 T=0 M2=0 M3=-23.4152849513211 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR109 CaseType=Combination P=-60.2001502578917 V2=21.9414673130748 V3=0 T=0 M2=0 M3=-24.7367112938049 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR110 CaseType=Combination P=-60.590775257951 V2=8.10095399955032 V3=0 T=0 M2=0 M3=-24.7965537964579 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR110 CaseType=Combination P=-60.200150257951 V2=8.61282899955032 V3=0 T=0 M2=0 M3=-25.3189571714298 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR111 CaseType=Combination P=-128.840775258126 V2=12.0193527137262 V3=0 T=0 M2=0 M3=-49.0975319864331 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR111 CaseType=Combination P=-128.450150258126 V2=12.5312277137262 V3=0 T=0 M2=0 M3=-49.864835281041 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR112 CaseType=Combination P=-132.383055192345 V2=20.0054623525457 V3=0 T=0 M2=0 M3=-54.6864754688753 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR112 CaseType=Combination P=-131.992430192345 V2=20.5173373525457 V3=0 T=0 M2=0 M3=-55.9529106159094 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR113 CaseType=Combination P=-128.840775258067 V2=25.8207126103907 V3=0 T=0 M2=0 M3=-48.8983200383294 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR113 CaseType=Combination P=-128.450150258067 V2=27.4224313603907 V3=0 T=0 M2=0 M3=-50.5623066337705 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR114 CaseType=Combination P=-64.1330551921705 V2=16.0870636383698 V3=0 T=0 M2=0 M3=-30.3854972789 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR114 CaseType=Combination P=-63.7424301921705 V2=16.5989386383698 V3=0 T=0 M2=0 M3=-31.4070325062981 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR115 CaseType=Combination P=-60.5907752578928 V2=21.9023138962148 V3=0 T=0 M2=0 M3=-24.5973418483541 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR115 CaseType=Combination P=-60.2001502578928 V2=23.5040326462148 V3=0 T=0 M2=0 M3=-26.0164285241592 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR116 CaseType=Combination P=-60.5907752579488 V2=4.9758233327016 V3=0 T=0 M2=0 M3=-22.4324400023917 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR116 CaseType=Combination P=-60.2001502579488 V2=5.4876983327016 V3=0 T=0 M2=0 M3=-22.7595227107211 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR117 CaseType=Combination P=-128.840775258123 V2=8.89422204744607 V3=0 T=0 M2=0 M3=-46.733418192367 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR117 CaseType=Combination P=-128.450150258123 V2=9.40609704744607 V3=0 T=0 M2=0 M3=-47.3054008203323 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR118 CaseType=Combination P=-132.383055192343 V2=16.8803316862655 V3=0 T=0 M2=0 M3=-52.3223616748091 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR118 CaseType=Combination P=-131.992430192343 V2=17.3922066862655 V3=0 T=0 M2=0 M3=-53.3934761552007 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR119 CaseType=Combination P=-128.840775258065 V2=22.6955819441106 V3=0 T=0 M2=0 M3=-46.5342062442632 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR119 CaseType=Combination P=-128.450150258065 V2=24.2973006941106 V3=0 T=0 M2=0 M3=-48.0028721730618 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR120 CaseType=Combination P=-64.1330551921684 V2=12.9619329720896 V3=0 T=0 M2=0 M3=-28.0213834848338 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR120 CaseType=Combination P=-63.7424301921684 V2=13.4738079720896 V3=0 T=0 M2=0 M3=-28.8475980455895 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR121 CaseType=Combination P=-60.5907752578906 V2=18.7771832299347 V3=0 T=0 M2=0 M3=-22.233228054288 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR121 CaseType=Combination P=-60.2001502578906 V2=20.3789019799347 V3=0 T=0 M2=0 M3=-23.4569940634505 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR122 CaseType=Combination P=-60.5907752579488 V2=4.92269611194395 V3=0 T=0 M2=0 M3=-22.3922500678926 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR122 CaseType=Combination P=-60.2001502579488 V2=5.43457111194395 V3=0 T=0 M2=0 M3=-22.7160123248891 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR123 CaseType=Combination P=-128.840775258123 V2=8.84109482611985 V3=0 T=0 M2=0 M3=-46.6932282578678 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR123 CaseType=Combination P=-128.450150258123 V2=9.35296982611985 V3=0 T=0 M2=0 M3=-47.2618904345003 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR124 CaseType=Combination P=-132.383055192343 V2=16.8272044649393 V3=0 T=0 M2=0 M3=-52.28217174031 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR124 CaseType=Combination P=-131.992430192343 V2=17.3390794649393 V3=0 T=0 M2=0 M3=-53.3499657693687 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR125 CaseType=Combination P=-128.840775258065 V2=22.6424547227844 V3=0 T=0 M2=0 M3=-46.4940163097641 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR125 CaseType=Combination P=-128.450150258065 V2=24.2441734727844 V3=0 T=0 M2=0 M3=-47.9593617872298 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR126 CaseType=Combination P=-64.1330551921684 V2=12.9088057507634 V3=0 T=0 M2=0 M3=-27.9811935503347 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR126 CaseType=Combination P=-63.7424301921684 V2=13.4206807507634 V3=0 T=0 M2=0 M3=-28.8040876597574 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR127 CaseType=Combination P=-60.5907752578906 V2=18.7240560086085 V3=0 T=0 M2=0 M3=-22.1930381197888 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR127 CaseType=Combination P=-60.2001502578906 V2=20.3257747586085 V3=0 T=0 M2=0 M3=-23.4134836776185 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR128 CaseType=Combination P=-59.6874999994743 V2=2.69775310590416 V3=0 T=0 M2=0 M3=-18.464063373918 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR128 CaseType=Combination P=-59.2968749994743 V2=3.20962810590416 V3=0 T=0 M2=0 M3=-18.648766693037 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR129 CaseType=Combination P=-150.687499999708 V2=8.99941309444956 V3=0 T=0 M2=0 M3=-51.6801988482398 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR129 CaseType=Combination P=-150.296874999708 V2=9.51128809444956 V3=0 T=0 M2=0 M3=-52.2587559166429 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR130 CaseType=Combination P=-155.016055698505 V2=18.7354587912222 V3=0 T=0 M2=0 M3=-58.5017414302342 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR130 CaseType=Combination P=-154.625430698505 V2=19.2473337912222 V3=0 T=0 M2=0 M3=-59.6888013546856 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR131 CaseType=Combination P=-150.68749999965 V2=25.7765044805955 V3=0 T=0 M2=0 M3=-51.4235769505353 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR131 CaseType=Combination P=-150.29687499965 V2=27.6399419805955 V3=0 T=0 M2=0 M3=-53.0929743659892 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR132 CaseType=Combination P=-64.0160556982726 V2=13.510927172321 V3=0 T=0 M2=0 M3=-26.1004971769339 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR132 CaseType=Combination P=-63.6254306982726 V2=14.022802172321 V3=0 T=0 M2=0 M3=-26.960963875204 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR133 CaseType=Combination P=-59.6874999994168 V2=20.5519728616943 V3=0 T=0 M2=0 M3=-19.022272697235 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR133 CaseType=Combination P=-59.2968749994168 V2=22.4154103616943 V3=0 T=0 M2=0 M3=-20.3651368865076 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR134 CaseType=Combination P=-136.444664890004 V2=24.616889830872 V3=0 T=0 M2=0 M3=-56.119566820406 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR134 CaseType=Combination P=-136.054039890004 V2=25.128764830872 V3=0 T=0 M2=0 M3=-57.6742161848355 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR135 CaseType=Combination P=-127.937499999649 V2=6.61615182008006 V3=0 T=0 M2=0 M3=-42.7650415638932 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR135 CaseType=Combination P=-127.546874999649 V2=7.12802682008006 V3=0 T=0 M2=0 M3=-43.1946448026483 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR136 CaseType=Combination P=-131.479779933868 V2=14.6022614588995 V3=0 T=0 M2=0 M3=-48.3539850463354 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR136 CaseType=Combination P=-131.089154933868 V2=15.1141364588995 V3=0 T=0 M2=0 M3=-49.2827201375166 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR137 CaseType=Combination P=-127.937499999591 V2=20.4175117167446 V3=0 T=0 M2=0 M3=-42.5658296157895 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR137 CaseType=Combination P=-127.546874999591 V2=22.0192304667446 V3=0 T=0 M2=0 M3=-43.8921161553777 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR138 CaseType=Combination P=-63.2297799336939 V2=10.6838627447236 V3=0 T=0 M2=0 M3=-24.0530068563601 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR138 CaseType=Combination P=-62.8391549336939 V2=11.1957377447236 V3=0 T=0 M2=0 M3=-24.7368420279054 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR139 CaseType=Combination P=-59.6874999994161 V2=16.4991130025687 V3=0 T=0 M2=0 M3=-18.2648514258143 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR139 CaseType=Combination P=-59.2968749994161 V2=18.1008317525687 V3=0 T=0 M2=0 M3=-19.3462380457665 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR140 CaseType=Combination P=-59.6874999994754 V2=4.26031843904424 V3=0 T=0 M2=0 M3=-19.6461202709511 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR140 CaseType=Combination P=-59.2968749994754 V2=4.77219343904424 V3=0 T=0 M2=0 M3=-19.9284839233914 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR141 CaseType=Combination P=-127.93749999965 V2=8.17871715322014 V3=0 T=0 M2=0 M3=-43.9470984609263 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR141 CaseType=Combination P=-127.54687499965 V2=8.69059215322014 V3=0 T=0 M2=0 M3=-44.4743620330026 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR142 CaseType=Combination P=-131.47977993387 V2=16.1648267920396 V3=0 T=0 M2=0 M3=-49.5360419433685 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR142 CaseType=Combination P=-131.08915493387 V2=16.6767017920396 V3=0 T=0 M2=0 M3=-50.5624373678709 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR143 CaseType=Combination P=-127.937499999592 V2=21.9800770498847 V3=0 T=0 M2=0 M3=-43.7478865128226 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR143 CaseType=Combination P=-127.546874999592 V2=23.5817957998847 V3=0 T=0 M2=0 M3=-45.171833385732 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR144 CaseType=Combination P=-63.229779933695 V2=12.2464280778637 V3=0 T=0 M2=0 M3=-25.2350637533932 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR144 CaseType=Combination P=-62.839154933695 V2=12.7583030778637 V3=0 T=0 M2=0 M3=-26.0165592582597 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR145 CaseType=Combination P=-59.6874999994172 V2=18.0616783357087 V3=0 T=0 M2=0 M3=-19.4469083228473 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR145 CaseType=Combination P=-59.2968749994172 V2=19.6633970857087 V3=0 T=0 M2=0 M3=-20.6259552761208 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR146 CaseType=Combination P=-59.6874999994732 V2=1.1351877276407 V3=0 T=0 M2=0 M3=-17.2820064768849 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR146 CaseType=Combination P=-59.2968749994732 V2=1.64706277276407 V3=0 T=0 M2=0 M3=-17.3690494626827 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR147 CaseType=Combination P=-127.937499999648 V2=5.05358648693998 V3=0 T=0 M2=0 M3=-41.5829846668602 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR147 CaseType=Combination P=-127.546874999648 V2=5.56546148693998 V3=0 T=0 M2=0 M3=-41.9149275722939 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR148 CaseType=Combination P=-131.479779933867 V2=13.0396961257595 V3=0 T=0 M2=0 M3=-47.1719281493023 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR148 CaseType=Combination P=-131.089154933867 V2=13.5515711257595 V3=0 T=0 M2=0 M3=-48.0030029071622 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR149 CaseType=Combination P=-127.93749999959 V2=18.8549463836045 V3=0 T=0 M2=0 M3=-41.3837727187564 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR149 CaseType=Combination P=-127.54687499959 V2=20.4566651336045 V3=0 T=0 M2=0 M3=-42.6123989250233 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR150 CaseType=Combination P=-63.2297799336928 V2=9.12129741158354 V3=0 T=0 M2=0 M3=-22.8709499593271 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR150 CaseType=Combination P=-62.8391549336928 V2=9.63317241158354 V3=0 T=0 M2=0 M3=-23.457124797551 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR151 CaseType=Combination P=-59.687499999415 V2=14.9365476694286 V3=0 T=0 M2=0 M3=-17.0827945287812 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR151 CaseType=Combination P=-59.296874999415 V2=16.5382664194286 V3=0 T=0 M2=0 M3=-18.0665208154121 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR152 CaseType=Combination P=-59.14553484439 V2=2.0090643240668 V3=0 T=0 M2=0 M3=-16.5960500901462 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR152 CaseType=Combination P=-58.75490984439 V2=2.5209393240668 V3=0 T=0 M2=0 M3=-16.7377103604003 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=RAR153 CaseType=Combination P=-127.395534844565 V2=5.92746303824271 V3=0 T=0 M2=0 M3=-40.8970282801214 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR153 CaseType=Combination P=-127.004909844565 V2=6.43933803824271 V3=0 T=0 M2=0 M3=-41.2835884700116 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR154 CaseType=Combination P=-130.937814778784 V2=13.9135726770622 V3=0 T=0 M2=0 M3=-46.4859717625635 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR154 CaseType=Combination P=-130.547189778784 V2=14.4254476770622 V3=0 T=0 M2=0 M3=-47.3716638048799 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR155 CaseType=Combination P=-127.395534844506 V2=19.7288229349072 V3=0 T=0 M2=0 M3=-40.6978163320176 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR155 CaseType=Combination P=-127.004909844506 V2=21.3305416849072 V3=0 T=0 M2=0 M3=-41.981059822741 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR156 CaseType=Combination P=-62.6878147786096 V2=9.99517396288627 V3=0 T=0 M2=0 M3=-22.1849935725883 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR156 CaseType=Combination P=-62.2971897786096 V2=10.5070489628863 V3=0 T=0 M2=0 M3=-22.8257856952687 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR157 CaseType=Combination P=-59.1455348443318 V2=15.8104242207313 V3=0 T=0 M2=0 M3=-16.3968381420424 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR157 CaseType=Combination P=-58.7549098443318 V2=17.4121429707313 V3=0 T=0 M2=0 M3=-17.4351817131298 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR158 CaseType=Combination P=-60.2294651545586 V2=3.38644188774151 V3=0 T=0 M2=0 M3=-20.3320766576899 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR158 CaseType=Combination P=-59.8388401545586 V2=3.89831688774151 V3=0 T=0 M2=0 M3=-20.5598230256737 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR159 CaseType=Combination P=-128.479465154733 V2=7.30484060191742 V3=0 T=0 M2=0 M3=-44.6330548476651 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR159 CaseType=Combination P=-128.088840154733 V2=7.81671560191742 V3=0 T=0 M2=0 M3=-45.105701135285 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR160 CaseType=Combination P=-132.021745088953 V2=15.2909502407369 V3=0 T=0 M2=0 M3=-50.2219983301072 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR160 CaseType=Combination P=-131.631120088953 V2=15.8028252407369 V3=0 T=0 M2=0 M3=-51.1937764701533 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR161 CaseType=Combination P=-128.479465154675 V2=21.1062004985819 V3=0 T=0 M2=0 M3=-44.4338428995613 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR161 CaseType=Combination P=-128.088840154675 V2=22.7079192485819 V3=0 T=0 M2=0 M3=-45.8031724880144 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR162 CaseType=Combination P=-63.7717450887781 V2=11.372551526561 V3=0 T=0 M2=0 M3=-25.921020140132 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR162 CaseType=Combination P=-63.3811200887781 V2=11.884426526561 V3=0 T=0 M2=0 M3=-26.6478983605421 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=RAR163 CaseType=Combination P=-60.2294651545004 V2=17.187801784406 V3=0 T=0 M2=0 M3=-20.1328647095861 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=RAR163 CaseType=Combination P=-59.8388401545004 V2=18.789520534406 V3=0 T=0 M2=0 M3=-21.2572943784032 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-58.7842247409431 V2=28.9547623682019 V3=0 T=0 M2=0 M3=-15.9663271738826 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Max P=-58.3935997409431 V2=30.8181998682019 V3=0 T=0 M2=0 M3=-16.3458245494334 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-155.558020853591 V2=1.13518772726407 V3=0 T=0 M2=0 M3=-61.5920015455383 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Min P=-155.167395853591 V2=1.64706272726407 V3=0 T=0 M2=0 M3=-62.9230853035087 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE01 CaseType=Combination P=-59.6874999994179 V2=10.2647394582349 V3=0 T=0 M2=0 M3=-20.47415932717 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE01 CaseType=Combination P=-59.2968749994179 V2=11.0813019582349 V3=0 T=0 M2=0 M3=-21.1413761162264 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE02 CaseType=Combination P=-127.937499999651 V2=9.30897274419056 V3=0 T=0 M2=0 M3=-44.8021196164469 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE02 CaseType=Combination P=-127.546874999651 V2=9.82084774419056 V3=0 T=0 M2=0 M3=-45.4000241629588 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE03 CaseType=Combination P=-131.4797993387 V2=17.29508238301 V3=0 T=0 M2=0 M3=-50.391063098889 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE03 CaseType=Combination P=-131.08915493387 V2=17.80695738301 V3=0 T=0 M2=0 M3=-51.4880994978272 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE04 CaseType=Combination P=-127.937499999593 V2=23.1103326408551 V3=0 T=0 M2=0 M3=-44.6029076683432 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE04 CaseType=Combination P=-127.546874999593 V2=24.7120513908551 V3=0 T=0 M2=0 M3=-46.0974955156883 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE05 CaseType=Combination P=-63.229779336957 V2=13.3766836688341 V3=0 T=0 M2=0 M3=-26.0900849089138 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE05 CaseType=Combination P=-62.8391549336957 V2=13.8885586688341 V3=0 T=0 M2=0 M3=-26.942221388216 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE06 CaseType=Combination P=-59.6874999994179 V2=19.1919339266792 V3=0 T=0 M2=0 M3=-20.3019294783679 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE06 CaseType=Combination P=-59.2968749994179 V2=20.7936526766792 V3=0 T=0 M2=0 M3=-21.5516174060771 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE07 CaseType=Combination P=-59.6874999994772 V2=6.95313936315473 V3=0 T=0 M2=0 M3=-21.6831983235048 FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE07 CaseType=Combination P=-59.2968749994772 V2=7.46501436315473 V3=0 T=0 M2=0 M3=-22.133863283702 FrameElem=2-1 ElemStation=0.0625

PROVATO SDR  
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3782004RCEC0AIDA11000000100

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Frame=2 Station=0 OutputCase=FRE08 CaseType=Combination P=-127.937499999652 V2=10.6111105218073 V3=0 T=0 M2=0 M3=-45.7871670306412 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE08 CaseType=Combination P=-127.546874999652 V2=11.1229855218073 V3=0 T=0 M2=0 M3=-46.4664551882541 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE09 CaseType=Combination P=-131.479779933871 V2=18.5972201606268 V3=0 T=0 M2=0 M3=-51.3761105130833 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE09 CaseType=Combination P=-131.089154933871 V2=19.1090951606268 V3=0 T=0 M2=0 M3=-52.5545305231225 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE10 CaseType=Combination P=-127.937499999593 V2=24.4124704184718 V3=0 T=0 M2=0 M3=-45.5879550825374 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE10 CaseType=Combination P=-127.546874999593 V2=26.0141891684718 V3=0 T=0 M2=0 M3=-47.1639265409836 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE11 CaseType=Combination P=-63.2297799336966 V2=14.6788214464509 V3=0 T=0 M2=0 M3=-27.0751323231081 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE11 CaseType=Combination P=-62.8391549336966 V2=15.1906964464509 V3=0 T=0 M2=0 M3=-28.0086524135112 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE12 CaseType=Combination P=-59.6874999994188 V2=20.4940717042959 V3=0 T=0 M2=0 M3=-21.2869768925622 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE12 CaseType=Combination P=-59.2968749994188 V2=22.0957904542959 V3=0 T=0 M2=0 M3=-22.6180484313723 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE13 CaseType=Combination P=-59.2358623702403 V2=6.37923204495693 V3=0 T=0 M2=0 M3=-20.1265205870282 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE13 CaseType=Combination P=-58.8452373702403 V2=6.89110704495693 V3=0 T=0 M2=0 M3=-20.541316339838 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE14 CaseType=Combination P=-60.1391376287141 V2=7.52704668135253 V3=0 T=0 M2=0 M3=-23.2398760599814 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE14 CaseType=Combination P=-59.7485126287141 V2=8.03892168135253 V3=0 T=0 M2=0 M3=-23.7264102275659 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE15 CaseType=Combination P=-59.6874999994763 V2=5.60672890109948 V3=0 T=0 M2=0 M3=-20.664659297228 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE15 CaseType=Combination P=-59.2968749994763 V2=6.11860390109948 V3=0 T=0 M2=0 M3=-21.0311736035467 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE16 CaseType=Combination P=-59.687499999475 V2=3.82800869687456 V3=0 T=0 M2=0 M3=-19.3190845294386 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE16 CaseType=Combination P=-59.296874999475 V2=4.33988369687456 V3=0 T=0 M2=0 M3=-19.5744288229933 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE17 CaseType=Combination P=-127.93749999965 V2=8.00683496657382 V3=0 T=0 M2=0 M3=-43.8170722022527 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE17 CaseType=Combination P=-127.54687499965 V2=8.51870996657382 V3=0 T=0 M2=0 M3=-44.3335931376636 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE18 CaseType=Combination P=-131.479779933869 V2=15.9929446053933 V3=0 T=0 M2=0 M3=-49.4060156846948 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE18 CaseType=Combination P=-131.089154933869 V2=16.5048196053933 V3=0 T=0 M2=0 M3=-50.4216684725319 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE19 CaseType=Combination P=-127.937499999592 V2=21.8081948632383 V3=0 T=0 M2=0 M3=-43.6178602541489 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE19 CaseType=Combination P=-127.546874999592 V2=23.4099136132383 V3=0 T=0 M2=0 M3=-45.031064490393 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE20 CaseType=Combination P=-63.2297799336948 V2=12.0745458912174 V3=0 T=0 M2=0 M3=-25.1050374947196 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE20 CaseType=Combination P=-62.8391549336948 V2=12.5864208912174 V3=0 T=0 M2=0 M3=-25.8757903629207 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE21 CaseType=Combination P=-59.687499999417 V2=17.8897961490624 V3=0 T=0 M2=0 M3=-19.3168820641737 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE21 CaseType=Combination P=-59.296874999417 V2=19.4915148990624 V3=0 T=0 M2=0 M3=-20.4851863807818 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE22 CaseType=Combination P=-59.2358623702382 V2=3.25410137867677 V3=0 T=0 M2=0 M3=-17.7624067929621 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE22 CaseType=Combination P=-58.8452373702382 V2=3.76597637867677 V3=0 T=0 M2=0 M3=-17.9818818791294 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE23 CaseType=Combination P=-60.1391376287119 V2=4.40191601507236 V3=0 T=0 M2=0 M3=-20.8757622659152 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE23 CaseType=Combination P=-59.7485126287119 V2=4.91379101507236 V3=0 T=0 M2=0 M3=-21.1669757668572 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE24 CaseType=Combination P=-59.6874999994741 V2=2.48159823481932 V3=0 T=0 M2=0 M3=-18.3005455031618 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE24 CaseType=Combination P=-59.2968749994741 V2=2.99347323481932 V3=0 T=0 M2=0 M3=-18.471739142838 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE25 CaseType=Combination P=-59.1455348443919 V2=4.70188524817729 V3=0 T=0 M2=0 M3=-18.6331281426998 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE25 CaseType=Combination P=-58.7549098443919 V2=5.21376024817729 V3=0 T=0 M2=0 M3=-18.9430897207109 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE26 CaseType=Combination P=-127.485862370414 V2=8.73506542599276 V3=0 T=0 M2=0 M3=-43.2454418799704 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE26 CaseType=Combination P=-127.095237370414 V2=9.24694042599276 V3=0 T=0 M2=0 M3=-43.8074772190949 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE27 CaseType=Combination P=-131.028142304633 V2=16.7211750648122 V3=0 T=0 M2=0 M3=-48.8343853624125 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE27 CaseType=Combination P=-130.637517304633 V2=17.2330500648122 V3=0 T=0 M2=0 M3=-49.8955525539633 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=FRE28 CaseType=Combination P=-127.485862370356 V2=22.5364253226573 V3=0 T=0 M2=0 M3=-43.0462299318666 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE28 CaseType=Combination P=-127.095237370356 V2=24.1381440726573 V3=0 T=0 M2=0 M3=-44.5049485718244 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE29 CaseType=Combination P=-62.7781423044588 V2=12.8027763506363 V3=0 T=0 M2=0 M3=-24.5334071724373 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE29 CaseType=Combination P=-62.3875173044588 V2=13.3146513506363 V3=0 T=0 M2=0 M3=-25.349674444352 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE30 CaseType=Combination P=-59.235862370181 V2=18.6180266084814 V3=0 T=0 M2=0 M3=-18.7452517418914 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE30 CaseType=Combination P=-58.845237370181 V2=20.2197453584814 V3=0 T=0 M2=0 M3=-19.9590704622131 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE31 CaseType=Combination P=-59.1455348443928 V2=6.00402302579403 V3=0 T=0 M2=0 M3=-19.6181755568941 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE31 CaseType=Combination P=-58.7549098443928 V2=6.51589802579403 V3=0 T=0 M2=0 M3=-20.0095207460062 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE32 CaseType=Combination P=-59.145534844391 V2=3.39974747056056 V3=0 T=0 M2=0 M3=-17.6480807285056 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE32 CaseType=Combination P=-58.754909844391 V2=3.91162247056056 V3=0 T=0 M2=0 M3=-17.8766586954156 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE33 CaseType=Combination P=-59.145534844391 V2=3.35547478612204 V3=0 T=0 M2=0 M3=-17.614589116423 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE33 CaseType=Combination P=-58.754909844391 V2=3.86734978612204 V3=0 T=0 M2=0 M3=-17.8404000405556 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE34 CaseType=Combination P=-60.2294651545604 V2=6.079262811852 V3=0 T=0 M2=0 M3=-22.3691547102436 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE34 CaseType=Combination P=-59.8388401545604 V2=6.591137811852 V3=0 T=0 M2=0 M3=-22.7652023859843 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE35 CaseType=Combination P=-128.389137628888 V2=9.88288006238835 V3=0 T=0 M2=0 M3=-46.3587973529235 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE35 CaseType=Combination P=-127.998512628888 V2=10.3947550623884 V3=0 T=0 M2=0 M3=-46.9925711068228 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE36 CaseType=Combination P=-131.931417563107 V2=17.8689897012078 V3=0 T=0 M2=0 M3=-51.9477408353656 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE36 CaseType=Combination P=-131.540792563107 V2=18.3808647012078 V3=0 T=0 M2=0 M3=-53.0806464416911 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE37 CaseType=Combination P=-128.389137628829 V2=23.6842399590529 V3=0 T=0 M2=0 M3=-46.15985854048197 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE37 CaseType=Combination P=-127.998512628829 V2=25.2859587090529 V3=0 T=0 M2=0 M3=-47.6900424595522 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE38 CaseType=Combination P=-63.6814175629326 V2=13.9505909870319 V3=0 T=0 M2=0 M3=-27.6467626453904 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE38 CaseType=Combination P=-63.2907925629326 V2=14.4624659870319 V3=0 T=0 M2=0 M3=-28.5347683320799 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE39 CaseType=Combination P=-60.1391376286548 V2=19.765841244877 V3=0 T=0 M2=0 M3=-21.8586072148445 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE39 CaseType=Combination P=-59.7485126286548 V2=21.367559994877 V3=0 T=0 M2=0 M3=-23.144164349941 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE40 CaseType=Combination P=-60.2294651545613 V2=7.38140058946874 V3=0 T=0 M2=0 M3=-23.3542021244378 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE40 CaseType=Combination P=-59.8388401545613 V2=7.89327558946874 V3=0 T=0 M2=0 M3=-23.8316334112796 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE41 CaseType=Combination P=-60.2294651545595 V2=4.77712503423527 V3=0 T=0 M2=0 M3=-21.3841072960493 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE41 CaseType=Combination P=-59.8388401545595 V2=5.28900003423527 V3=0 T=0 M2=0 M3=-21.698771360689 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE42 CaseType=Combination P=-60.2294651545595 V2=4.73285234979676 V3=0 T=0 M2=0 M3=-21.3506156839667 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE42 CaseType=Combination P=-59.8388401545595 V2=5.24472734979676 V3=0 T=0 M2=0 M3=-21.662512705829 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE43 CaseType=Combination P=-59.687499999475 V2=3.77488147554835 V3=0 T=0 M2=0 M3=-19.2788945949395 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE43 CaseType=Combination P=-59.296874999475 V2=4.28675647554835 V3=0 T=0 M2=0 M3=-19.5309184371613 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE44 CaseType=Combination P=-127.93749999965 V2=7.96256228213531 V3=0 T=0 M2=0 M3=-43.7835805901701 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE44 CaseType=Combination P=-127.54687499965 V2=8.47443728213531 V3=0 T=0 M2=0 M3=-44.2973344828035 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE45 CaseType=Combination P=-131.479779933869 V2=15.9486719209548 V3=0 T=0 M2=0 M3=-49.3725240726122 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE45 CaseType=Combination P=-131.089154933869 V2=16.4605469209548 V3=0 T=0 M2=0 M3=-50.3854098176719 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE46 CaseType=Combination P=-127.937499999592 V2=21.7639221787998 V3=0 T=0 M2=0 M3=-43.5843686420663 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE46 CaseType=Combination P=-127.546874999592 V2=23.3656409287998 V3=0 T=0 M2=0 M3=-44.994805835533 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE47 CaseType=Combination P=-63.2297799336948 V2=12.0302732067789 V3=0 T=0 M2=0 M3=-25.071545882637 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE47 CaseType=Combination P=-62.8391549336948 V2=12.5421482067789 V3=0 T=0 M2=0 M3=-25.8395317080607 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=FRE48 CaseType=Combination P=-59.687499999417 V2=17.8455234646239 V3=0 T=0 M2=0 M3=-19.2833904520911 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE48 CaseType=Combination P=-59.296874999417 V2=19.4472422146239 V3=0 T=0 M2=0 M3=-20.4489277259218 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE49 CaseType=Combination P=-59.687499999471 V2=2.47274369793162 V3=0 T=0 M2=0 M3=-18.2938471807453 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE49 CaseType=Combination P=-59.296874999471 V2=2.98461869793162 V3=0 T=0 M2=0 M3=-18.464487411866 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE50 CaseType=Combination P=-59.2358623702382 V2=3.20097415735056 V3=0 T=0 M2=0 M3=-17.7222168584629 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE50 CaseType=Combination P=-58.8452373702382 V2=3.71284915735056 V3=0 T=0 M2=0 M3=-17.9383714932974 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=FRE51 CaseType=Combination P=-60.1391376287119 V2=4.34878879374615 V3=0 T=0 M2=0 M3=-20.8355723314161 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=FRE51 CaseType=Combination P=-59.7485126287119 V2=4.86066379374615 V3=0 T=0 M2=0 M3=-21.1234653810252 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-59.145534844391 V2=24.4124704184718 V3=0 T=0 M2=0 M3=-17.614589116423  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Max P=-58.754909844391 V2=26.0141891684718 V3=0 T=0 M2=0 M3=-17.8404000405556  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-131.931417563107 V2=2.47274369793162 V3=0 T=0 M2=0 M3=-51.9477408353656  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Min P=-131.540792563107 V2=2.98461869793162 V3=0 T=0 M2=0 M3=-53.0806464416911  
FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE01 CaseType=Combination P=-58.5040473589324 V2=7.52843799327496 V3=0 T=0 M2=0 M3=-18.5830131433849 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE01 CaseType=Combination P=-58.1134223589324 V2=8.34500049327496 V3=0 T=0 M2=0 M3=-19.0792110908812 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE02 CaseType=Combination P=-58.5040473589333 V2=8.8305757708917 V3=0 T=0 M2=0 M3=-19.5680065575791 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE02 CaseType=Combination P=-58.1134223589333 V2=9.6471382708917 V3=0 T=0 M2=0 M3=-20.1456421161765 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE03 CaseType=Combination P=-58.5040473589315 V2=6.22630021565823 V3=0 T=0 M2=0 M3=-17.5979657291906 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE03 CaseType=Combination P=-58.1134223589315 V2=7.04286271565823 V3=0 T=0 M2=0 M3=-18.0127800655859 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE04 CaseType=Combination P=-58.0524097296956 V2=6.95453067507717 V3=0 T=0 M2=0 M3=-17.0263354069083 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE04 CaseType=Combination P=-57.6617847296956 V2=7.77109317507717 V3=0 T=0 M2=0 M3=-17.4866641470173 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE05 CaseType=Combination P=-58.9556849881693 V2=8.10234531147276 V3=0 T=0 M2=0 M3=-20.1396908798614 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE05 CaseType=Combination P=-58.5650599881693 V2=8.91890781147276 V3=0 T=0 M2=0 M3=-20.6717580347451 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE06 CaseType=Combination P=-58.5040473589315 V2=6.18202753121972 V3=0 T=0 M2=0 M3=-17.564474117108 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE06 CaseType=Combination P=-58.1134223589315 V2=6.99859003121972 V3=0 T=0 M2=0 M3=-17.9765214107259 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE07 CaseType=Combination P=-58.0524097296965 V2=8.2566684526939 V3=0 T=0 M2=0 M3=-18.0113828211025 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE07 CaseType=Combination P=-57.6617847296965 V2=9.0732309526939 V3=0 T=0 M2=0 M3=-18.5530951723126 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE08 CaseType=Combination P=-58.9556849881702 V2=9.4044830890895 V3=0 T=0 M2=0 M3=-21.1247382940557 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE08 CaseType=Combination P=-58.5650599881702 V2=10.2210455890895 V3=0 T=0 M2=0 M3=-21.7381890600404 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE09 CaseType=Combination P=-58.5040473589324 V2=7.48416530883645 V3=0 T=0 M2=0 M3=-18.5495215313023 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE09 CaseType=Combination P=-58.1134223589324 V2=8.30072780883645 V3=0 T=0 M2=0 M3=-19.0429524360212 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE10 CaseType=Combination P=-60.8709526399616 V2=8.12687549497463 V3=0 T=0 M2=0 M3=-22.3922876102569 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE10 CaseType=Combination P=-60.4803276399616 V2=8.63875049497463 V3=0 T=0 M2=0 M3=-22.9163110786928 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE11 CaseType=Combination P=-60.8709526399625 V2=9.42901327259136 V3=0 T=0 M2=0 M3=-23.3773350244511 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE11 CaseType=Combination P=-60.4803276399625 V2=9.94088827259136 V3=0 T=0 M2=0 M3=-23.9827421039881 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE12 CaseType=Combination P=-60.8709526399607 V2=6.82473771735789 V3=0 T=0 M2=0 M3=-21.4072401960626 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE12 CaseType=Combination P=-60.4803276399607 V2=7.33661271735789 V3=0 T=0 M2=0 M3=-21.8498800533975 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE13 CaseType=Combination P=-60.4193150107247 V2=7.55296817677683 V3=0 T=0 M2=0 M3=-20.8356098737803 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE13 CaseType=Combination P=-60.0286900107247 V2=8.06484317677683 V3=0 T=0 M2=0 M3=-21.3237641348289 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE14 CaseType=Combination P=-61.3225902691985 V2=8.70078281317242 V3=0 T=0 M2=0 M3=-23.9489653467334 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE14 CaseType=Combination P=-60.9319652691985 V2=9.21265781317242 V3=0 T=0 M2=0 M3=-24.5088580225567 FrameElem=2-1  
ElemStation=0.0625

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Frame=2 Station=0 OutputCase=QPE15 CaseType=Combination P=-60.8709526399607 V2=6.78046503291938 V3=0 T=0 M2=0 M3=-21.37374858398 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE15 CaseType=Combination P=-60.4803276399607 V2=7.29234003291938 V3=0 T=0 M2=0 M3=-21.8136213985375 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE16 CaseType=Combination P=-60.4193150107256 V2=8.85510595439357 V3=0 T=0 M2=0 M3=-21.8206572879746 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE16 CaseType=Combination P=-60.0286900107256 V2=9.36698095439356 V3=0 T=0 M2=0 M3=-22.3901951601242 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE17 CaseType=Combination P=-61.3225902691994 V2=10.0029205907892 V3=0 T=0 M2=0 M3=-24.9340127609277 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE17 CaseType=Combination P=-60.9319652691994 V2=10.5147955907892 V3=0 T=0 M2=0 M3=-25.575289047852 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=QPE18 CaseType=Combination P=-60.8709526399616 V2=8.08260281053612 V3=0 T=0 M2=0 M3=-22.3587959981743 FrameElem=2-1  
ElemStation=0  
Frame=2 Station=0.0625 OutputCase=QPE18 CaseType=Combination P=-60.4803276399616 V2=8.59447781053612 V3=0 T=0 M2=0 M3=-22.8800524238328 FrameElem=2-1  
ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-58.0524097296956 V2=10.0029205907892 V3=0 T=0 M2=0 M3=-17.0263354069083  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Max P=-57.6617847296956 V2=10.5147955907892 V3=0 T=0 M2=0 M3=-  
17.4866641470173 FrameElem=2-1 ElemStation=0.0625  
Frame=2 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-61.3225902691994 V2=6.18202753121972 V3=0 T=0 M2=0 M3=-24.9340127609277  
FrameElem=2-1 ElemStation=0  
Frame=2 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Min P=-60.9319652691994 V2=6.99859003121972 V3=0 T=0 M2=0 M3=-25.575289047852  
FrameElem=2-1 ElemStation=0.0625  
Frame=3 Station=0 OutputCase=STR001 CaseType=Combination P=-82.1601562516895 V2=10.3098513940166 V3=0 T=0 M2=0 M3=-25.3687796740726 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR001 CaseType=Combination P=-80.5781250016895 V2=13.8573982690166 V3=0 T=0 M2=0 M3=-27.6401150917007 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR002 CaseType=Combination P=-82.1601562517215 V2=2.76593481815853 V3=0 T=0 M2=0 M3=-27.0167195391909 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR002 CaseType=Combination P=-80.5781250017215 V2=4.41312231815853 V3=0 T=0 M2=0 M3=-27.6924355675957 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR003 CaseType=Combination P=-205.010156253215 V2=9.81905250367582 V3=0 T=0 M2=0 M3=-69.4360927151117 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR003 CaseType=Combination P=-203.428125003215 V2=11.4662400036758 V3=0 T=0 M2=0 M3=-71.4341963095509 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR004 CaseType=Combination P=-211.549170035991 V2=24.5706655074801 V3=0 T=0 M2=0 M3=-76.9905733053264 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR004 CaseType=Combination P=-209.967138785991 V2=26.2178530074801 V3=0 T=0 M2=0 M3=-81.7546043379789 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR005 CaseType=Combination P=-205.010156253025 V2=29.2186534983181 V3=0 T=0 M2=0 M3=-64.8607259030171 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR005 CaseType=Combination P=-203.428125003025 V2=36.9794659983181 V3=0 T=0 M2=0 M3=-71.0718621058267 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR006 CaseType=Combination P=-67.3983887840499 V2=18.4949995341403 V3=0 T=0 M2=0 M3=-27.196705792233 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR006 CaseType=Combination P=-66.2265137840499 V2=20.1421870341403 V3=0 T=0 M2=0 M3=-30.8215494548843 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR007 CaseType=Combination P=-60.8593750010841 V2=23.1429875249783 V3=0 T=0 M2=0 M3=-15.0668583899236 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR007 CaseType=Combination P=-59.6875000010841 V2=30.9038000249783 V3=0 T=0 M2=0 M3=-20.1388072227321 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR008 CaseType=Combination P=-186.477792444298 V2=32.5105974107714 V3=0 T=0 M2=0 M3=-72.2859003501814 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR008 CaseType=Combination P=-184.895761194298 V2=34.1577849107714 V3=0 T=0 M2=0 M3=-78.538668614701 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR009 CaseType=Combination P=-82.1601562516909 V2=13.4349820602967 V3=0 T=0 M2=0 M3=-27.1469314682114 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR009 CaseType=Combination P=-80.5781250016909 V2=16.9825289352967 V3=0 T=0 M2=0 M3=-30.004228885767 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR010 CaseType=Combination P=-82.1601562517229 V2=5.8910654844387 V3=0 T=0 M2=0 M3=-28.7949433333297 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR010 CaseType=Combination P=-80.5781250017229 V2=7.5382529844387 V3=0 T=0 M2=0 M3=-30.056549361662 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR011 CaseType=Combination P=-205.010156253215 V2=11.6941309034439 V3=0 T=0 M2=0 M3=-70.5029837915949 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR011 CaseType=Combination P=-203.428125003215 V2=13.3413184034439 V3=0 T=0 M2=0 M3=-72.8526645859907 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR012 CaseType=Combination P=-211.549170035992 V2=26.4457439072482 V3=0 T=0 M2=0 M3=-78.0574643818097 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR012 CaseType=Combination P=-209.967138785992 V2=28.0929314072482 V3=0 T=0 M2=0 M3=-83.1730726144187 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR013 CaseType=Combination P=-205.010156253026 V2=31.0937318980862 V3=0 T=0 M2=0 M3=-65.9276169795004 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR013 CaseType=Combination P=-203.428125003026 V2=38.8545443980862 V3=0 T=0 M2=0 M3=-72.4903303822665 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR014 CaseType=Combination P=-67.3983887840507 V2=20.3700779339084 V3=0 T=0 M2=0 M3=-28.2637968687162 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR014 CaseType=Combination P=-66.2265137840507 V2=22.0172654339084 V3=0 T=0 M2=0 M3=-32.2400177313241 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR015 CaseType=Combination P=-60.8593750010849 V2=25.0180659247464 V3=0 T=0 M2=0 M3=-16.1337494664069 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR015 CaseType=Combination P=-59.6875000010849 V2=32.7788784247464 V3=0 T=0 M2=0 M3=-21.5572754991719 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR016 CaseType=Combination P=-186.477792444299 V2=34.3856758105395 V3=0 T=0 M2=0 M3=-73.3527914266646 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR016 CaseType=Combination P=-184.895761194299 V2=36.0328633105395 V3=0 T=0 M2=0 M3=-79.9571368911408 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR017 CaseType=Combination P=-174.297656252843 V2=11.1809037485767 V3=0 T=0 M2=0 M3=-60.6094192152703 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR017 CaseType=Combination P=-172.715625002843 V2=12.8280912485767 V3=0 T=0 M2=0 M3=-62.8628699181284 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR018 CaseType=Combination P=-179.775197753439 V2=23.5701030740655 V3=0 T=0 M2=0 M3=-66.9428435857833 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR018 CaseType=Combination P=-178.193166503439 V2=25.2172905740655 V3=0 T=0 M2=0 M3=-71.5192691621706 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR019 CaseType=Combination P=-174.297656252693 V2=27.6165836385228 V3=0 T=0 M2=0 M3=-56.7658911399197 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR019 CaseType=Combination P=-172.715625002693 V2=34.3240797322728 V3=0 T=0 M2=0 M3=-62.5780391463615 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR020 CaseType=Combination P=-66.3369165018709 V2=19.2577165221051 V3=0 T=0 M2=0 M3=-27.7538013666701 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR020 CaseType=Combination P=-65.1650415018709 V2=20.9049040221051 V3=0 T=0 M2=0 M3=-31.5216544645648 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR021 CaseType=Combination P=-60.8593750011248 V2=23.3041970865625 V3=0 T=0 M2=0 M3=-17.5768489208065 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR021 CaseType=Combination P=-59.6875000011248 V2=30.0116931803124 V3=0 T=0 M2=0 M3=-22.5804244487557 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR022 CaseType=Combination P=-81.5097980655897 V2=12.6085555220919 V3=0 T=0 M2=0 M3=-25.0602705035986 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR022 CaseType=Combination P=-79.9277668155897 V2=16.1561023970919 V3=0 T=0 M2=0 M3=-27.7626129452408 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR023 CaseType=Combination P=-81.5097980656218 V2=5.06463894623389 V3=0 T=0 M2=0 M3=-26.7082823687169 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR023 CaseType=Combination P=-79.9277668156218 V2=6.71182644623389 V3=0 T=0 M2=0 M3=-27.8149334211357 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR024 CaseType=Combination P=-173.647298066742 V2=10.3544772103719 V3=0 T=0 M2=0 M3=-58.5227582506574 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR024 CaseType=Combination P=-172.065266816742 V2=12.0016647103719 V3=0 T=0 M2=0 M3=-60.6212539776021 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR025 CaseType=Combination P=-179.124839567338 V2=22.7436765358607 V3=0 T=0 M2=0 M3=-64.8561826211705 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR025 CaseType=Combination P=-177.542808317338 V2=24.3908640358607 V3=0 T=0 M2=0 M3=-69.2776532216444 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR026 CaseType=Combination P=-173.647298066592 V2=26.790157100318 V3=0 T=0 M2=0 M3=-54.6792301753069 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR026 CaseType=Combination P=-172.065266816592 V2=33.497653194068 V3=0 T=0 M2=0 M3=-60.3364232058353 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR027 CaseType=Combination P=-65.6865583157698 V2=18.4312899839003 V3=0 T=0 M2=0 M3=-25.6671404020572 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR027 CaseType=Combination P=-64.5146833157698 V2=20.0784774839003 V3=0 T=0 M2=0 M3=-29.2800385240385 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR028 CaseType=Combination P=-60.2090168150236 V2=22.4777705483576 V3=0 T=0 M2=0 M3=-15.4901879561937 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR028 CaseType=Combination P=-59.0371418150237 V2=29.1852666421076 V3=0 T=0 M2=0 M3=-20.3388085082295 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR029 CaseType=Combination P=-82.810514437792 V2=14.2614085985015 V3=0 T=0 M2=0 M3=-29.2335924328242 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR029 CaseType=Combination P=-81.228483187792 V2=17.8089554735015 V3=0 T=0 M2=0 M3=-32.2458448262933 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR030 CaseType=Combination P=-82.810514437824 V2=6.71749202264351 V3=0 T=0 M2=0 M3=-30.8816042979426 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR030 CaseType=Combination P=-81.228483187824 V2=8.36467952264351 V3=0 T=0 M2=0 M3=-32.2981653021882 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR031 CaseType=Combination P=-174.948014438944 V2=12.0073302867815 V3=0 T=0 M2=0 M3=-62.6960801798831 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR031 CaseType=Combination P=-173.365983188944 V2=13.6545177867815 V3=0 T=0 M2=0 M3=-65.1044858586546 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR032 CaseType=Combination P=-180.4255593954 V2=24.3965296122703 V3=0 T=0 M2=0 M3=-69.0295045503962 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR032 CaseType=Combination P=-178.84352468954 V2=26.0437171122703 V3=0 T=0 M2=0 M3=-73.7608851026969 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR033 CaseType=Combination P=-174.948014438794 V2=28.4430101767277 V3=0 T=0 M2=0 M3=-58.8525521045326 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR033 CaseType=Combination P=-173.365983188794 V2=35.1505062704776 V3=0 T=0 M2=0 M3=-64.8196550868878 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR034 CaseType=Combination P=-66.987274687972 V2=20.08414306031 V3=0 T=0 M2=0 M3=-29.8404623312829 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR034 CaseType=Combination P=-65.815399687972 V2=21.7313305603099 V3=0 T=0 M2=0 M3=-33.763270405091 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR035 CaseType=Combination P=-61.5097331872259 V2=24.1306236247673 V3=0 T=0 M2=0 M3=-19.6635098854193 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR035 CaseType=Combination P=-60.3378581872259 V2=30.8381197185173 V3=0 T=0 M2=0 M3=-24.822040389282 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR036 CaseType=Combination P=-82.16015625169 V2=11.4961509949372 V3=0 T=0 M2=0 M3=-26.0437660951277 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR036 CaseType=Combination P=-80.57812500169 V2=15.0436978699372 V3=0 T=0 M2=0 M3=-28.5375326879284 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR037 CaseType=Combination P=-82.160156251722 V2=3.95223441907914 V3=0 T=0 M2=0 M3=-27.691777960246 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR037 CaseType=Combination P=-80.578125001722 V2=5.59942191907914 V3=0 T=0 M2=0 M3=-28.5898531638234 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR038 CaseType=Combination P=-174.297656252842 V2=9.24207268321711 V3=0 T=0 M2=0 M3=-59.5062538421866 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR038 CaseType=Combination P=-172.715625002842 V2=10.8892601832171 V3=0 T=0 M2=0 M3=-61.3961737202898 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR039 CaseType=Combination P=-179.775197753438 V2=21.631272008706 V3=0 T=0 M2=0 M3=-65.8396782126996 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR039 CaseType=Combination P=-178.193166503438 V2=23.278459508706 V3=0 T=0 M2=0 M3=-70.052572964332 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR040 CaseType=Combination P=-174.297656252692 V2=25.6777525731633 V3=0 T=0 M2=0 M3=-55.6627257668361 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR040 CaseType=Combination P=-172.715625002692 V2=32.3852486669133 V3=0 T=0 M2=0 M3=-61.111342948523 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR041 CaseType=Combination P=-66.3369165018701 V2=17.3188854567456 V3=0 T=0 M2=0 M3=-26.6506359935864 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR041 CaseType=Combination P=-65.1650415018701 V2=18.9660729567456 V3=0 T=0 M2=0 M3=-30.0549582667262 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR042 CaseType=Combination P=-60.8593750011239 V2=21.3653660212029 V3=0 T=0 M2=0 M3=-16.4736835477228 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR042 CaseType=Combination P=-59.687500001124 V2=28.0728621149529 V3=0 T=0 M2=0 M3=-21.1137282509171 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR043 CaseType=Combination P=-82.1601562516881 V2=7.18472072773639 V3=0 T=0 M2=0 M3=-23.5906278799338 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR043 CaseType=Combination P=-80.5781250016881 V2=10.7322676027364 V3=0 T=0 M2=0 M3=-25.2760012976344 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR044 CaseType=Combination P=-82.1601562517201 V2=-0.359195848121634 V3=0 T=0 M2=0 M3=-25.2386397450521 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR044 CaseType=Combination P=-80.5781250017201 V2=1.28799165187836 V3=0 T=0 M2=0 M3=-25.3283217735293 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR045 CaseType=Combination P=-205.010156253214 V2=7.94397410390772 V3=0 T=0 M2=0 M3=-68.3692016386284 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR045 CaseType=Combination P=-203.428125003214 V2=9.59116160390772 V3=0 T=0 M2=0 M3=-70.0157280331111 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR046 CaseType=Combination P=-211.54917003599 V2=22.695587107712 V3=0 T=0 M2=0 M3=-75.9236822288431 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR046 CaseType=Combination P=-209.96713878599 V2=24.342774607712 V3=0 T=0 M2=0 M3=-80.3361360615391 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR047 CaseType=Combination P=-205.010156253025 V2=27.34357509855 V3=0 T=0 M2=0 M3=-63.7938348265338 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR047 CaseType=Combination P=-203.428125003025 V2=35.10438759855 V3=0 T=0 M2=0 M3=-69.6533938293869 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR048 CaseType=Combination P=-67.3983887840491 V2=16.6199211343722 V3=0 T=0 M2=0 M3=-26.1298147157497 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR048 CaseType=Combination P=-66.2265137840491 V2=18.2671086343722 V3=0 T=0 M2=0 M3=-29.4030811784445 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR049 CaseType=Combination P=-60.8593750010833 V2=21.2679091252102 V3=0 T=0 M2=0 M3=-13.9999673134404 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR049 CaseType=Combination P=-59.6875000010833 V2=29.0287216252102 V3=0 T=0 M2=0 M3=-18.7203389462923 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR050 CaseType=Combination P=-186.477792444297 V2=30.6355190110033 V3=0 T=0 M2=0 M3=-71.2190092736981 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR050 CaseType=Combination P=-184.895761194297 V2=32.2827065110033 V3=0 T=0 M2=0 M3=-77.1202003382612 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR051 CaseType=Combination P=-174.29765625284 V2=4.93064241601633 V3=0 T=0 M2=0 M3=-57.0531156269927 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR051 CaseType=Combination P=-172.71562500284 V2=6.57782991601633 V3=0 T=0 M2=0 M3=-58.1346423299958 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR052 CaseType=Combination P=-179.775197753436 V2=17.3198417415052 V3=0 T=0 M2=0 M3=-63.3865399975057 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR052 CaseType=Combination P=-178.193166503436 V2=18.9670292415052 V3=0 T=0 M2=0 M3=-66.791041574038 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR053 CaseType=Combination P=-174.29765625269 V2=21.3663223059625 V3=0 T=0 M2=0 M3=-53.2095875516422 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR053 CaseType=Combination P=-172.71562500269 V2=28.0738183997125 V3=0 T=0 M2=0 M3=-57.8498115582289 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR054 CaseType=Combination P=-66.3369165018682 V2=13.0074551895448 V3=0 T=0 M2=0 M3=-24.197497783925 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR054 CaseType=Combination P=-65.1650415018682 V2=14.6546426895448 V3=0 T=0 M2=0 M3=-26.7934268764322 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR055 CaseType=Combination P=-60.859375001122 V2=17.0539357540021 V3=0 T=0 M2=0 M3=-14.0205453325289 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR055 CaseType=Combination P=-59.687500001122 V2=23.7614318477521 V3=0 T=0 M2=0 M3=-17.8521968606231 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR056 CaseType=Combination P=-81.509798065587 V2=6.35829418953158 V3=0 T=0 M2=0 M3=-21.503966915321 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR056 CaseType=Combination P=-79.927766815587 V2=9.90584106453158 V3=0 T=0 M2=0 M3=-23.0343853571082 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR057 CaseType=Combination P=-81.509798065619 V2=-1.18562238632644 V3=0 T=0 M2=0 M3=-23.1519787804393 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR057 CaseType=Combination P=-79.927766815619 V2=0.461565113673555 V3=0 T=0 M2=0 M3=-23.0867058330031 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR058 CaseType=Combination P=-173.647298066739 V2=4.10421587781152 V3=0 T=0 M2=0 M3=-54.9664546623799 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR058 CaseType=Combination P=-172.065266816739 V2=5.75140337781152 V3=0 T=0 M2=0 M3=-55.8930263894695 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR059 CaseType=Combination P=-179.124839567335 V2=16.4934152033004 V3=0 T=0 M2=0 M3=-61.2998790328929 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR059 CaseType=Combination P=-177.542808317335 V2=18.1406027033004 V3=0 T=0 M2=0 M3=-64.5494256335117 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR060 CaseType=Combination P=-173.647298066589 V2=20.5398957677577 V3=0 T=0 M2=0 M3=-51.1229265870293 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR060 CaseType=Combination P=-172.065266816589 V2=27.2473918615077 V3=0 T=0 M2=0 M3=-55.6081956177027 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR061 CaseType=Combination P=-65.6865583157671 V2=12.18102865134 V3=0 T=0 M2=0 M3=-22.1108368137797 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR061 CaseType=Combination P=-64.5146833157671 V2=13.82821615134 V3=0 T=0 M2=0 M3=-24.5518109359059 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR062 CaseType=Combination P=-60.2090168150209 V2=16.2275092157973 V3=0 T=0 M2=0 M3=-11.9338843679161 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR062 CaseType=Combination P=-59.0371418150209 V2=22.9350053095473 V3=0 T=0 M2=0 M3=-15.6105809200968 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR063 CaseType=Combination P=-82.8105144377892 V2=8.0111472659412 V3=0 T=0 M2=0 M3=-25.6772888445467 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR063 CaseType=Combination P=-81.2284831877892 V2=11.5586941409412 V3=0 T=0 M2=0 M3=-27.5176172381606 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR064 CaseType=Combination P=-82.8105144378213 V2=0.467230690083176 V3=0 T=0 M2=0 M3=-27.325300709665 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR064 CaseType=Combination P=-81.2284831878213 V2=2.11441819008317 V3=0 T=0 M2=0 M3=-27.5699377140556 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR065 CaseType=Combination P=-174.948014438941 V2=5.75706895422114 V3=0 T=0 M2=0 M3=-59.1397765916055 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR065 CaseType=Combination P=-173.365983188941 V2=7.40425645422114 V3=0 T=0 M2=0 M3=-60.376258270522 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR066 CaseType=Combination P=-180.42555939537 V2=18.14626827971 V3=0 T=0 M2=0 M3=-65.4732009621186 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR066 CaseType=Combination P=-178.843524689537 V2=19.79345577971 V3=0 T=0 M2=0 M3=-69.0326575145642 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR067 CaseType=Combination P=-174.948014438791 V2=22.1927488441673 V3=0 T=0 M2=0 M3=-55.296248516255 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR067 CaseType=Combination P=-173.365983188791 V2=28.9002449379173 V3=0 T=0 M2=0 M3=-60.0914274987552 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR068 CaseType=Combination P=-66.9872746879693 V2=13.8338817277496 V3=0 T=0 M2=0 M3=-26.2841587430053 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR068 CaseType=Combination P=-65.8153996879693 V2=15.4810692277496 V3=0 T=0 M2=0 M3=-29.0350428169584 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR069 CaseType=Combination P=-61.5097331872231 V2=17.8803622922069 V3=0 T=0 M2=0 M3=-16.1072062971418 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR069 CaseType=Combination P=-60.3378581872232 V2=24.5878583859569 V3=0 T=0 M2=0 M3=-20.0938128011493 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR070 CaseType=Combination P=-82.1601562516873 V2=5.24588966237683 V3=0 T=0 M2=0 M3=-22.4874625068502 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR070 CaseType=Combination P=-80.5781250016873 V2=8.79343653737683 V3=0 T=0 M2=0 M3=-23.8093050997958 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR071 CaseType=Combination P=-82.1601562517193 V2=-2.29802691348119 V3=0 T=0 M2=0 M3=-24.1354743719685 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR071 CaseType=Combination P=-80.5781250017193 V2=-0.650839413481189 V3=0 T=0 M2=0 M3=-23.8616255756907  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR072 CaseType=Combination P=-174.297656252839 V2=2.99181135065677 V3=0 T=0 M2=0 M3=-55.949950253909 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR072 CaseType=Combination P=-172.715625002839 V2=4.63899885065677 V3=0 T=0 M2=0 M3=-56.6679461321572 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR073 CaseType=Combination P=-179.775197753435 V2=15.3810106761457 V3=0 T=0 M2=0 M3=-62.2833746244221 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR073 CaseType=Combination P=-178.193166503435 V2=17.0281981761457 V3=0 T=0 M2=0 M3=-65.3243453761994 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR074 CaseType=Combination P=-174.297656252689 V2=19.427491240603 V3=0 T=0 M2=0 M3=-52.1064221785585 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR074 CaseType=Combination P=-172.715625002689 V2=26.134987334353 V3=0 T=0 M2=0 M3=-56.3831153603903 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR075 CaseType=Combination P=-66.3369165018674 V2=11.0686241241853 V3=0 T=0 M2=0 M3=-23.0943324053088 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR075 CaseType=Combination P=-65.1650415018674 V2=12.7158116241853 V3=0 T=0 M2=0 M3=-25.3267306785936 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR076 CaseType=Combination P=-60.8593750011212 V2=15.1151046886426 V3=0 T=0 M2=0 M3=-12.9173799594453 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR076 CaseType=Combination P=-59.6875000011212 V2=21.8226007823926 V3=0 T=0 M2=0 M3=-16.3855006627845 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR077 CaseType=Combination P=-81.076225941521 V2=8.93247383034187 V3=0 T=0 M2=0 M3=-21.8910113997179 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR077 CaseType=Combination P=-79.494194691521 V2=12.4800207053419 V3=0 T=0 M2=0 M3=-23.904088524157 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR078 CaseType=Combination P=-81.076225941553 V2=1.38855725448385 V3=0 T=0 M2=0 M3=-23.5390232648362 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR078 CaseType=Combination P=-79.494194691553 V2=3.03574475448385 V3=0 T=0 M2=0 M3=-23.9564090000519 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR079 CaseType=Combination P=-204.359798067113 V2=8.99262596547101 V3=0 T=0 M2=0 M3=-67.3494317504988 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR079 CaseType=Combination P=-202.777766817113 V2=10.639813465471 V3=0 T=0 M2=0 M3=-69.1925803690246 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR080 CaseType=Combination P=-210.89881184989 V2=23.7442389692752 V3=0 T=0 M2=0 M3=-74.9039123407136 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR080 CaseType=Combination P=-209.31678059989 V2=25.3914264692752 V3=0 T=0 M2=0 M3=-79.5129883974527 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR081 CaseType=Combination P=-204.359798066924 V2=28.3922269601133 V3=0 T=0 M2=0 M3=-62.7704649384043 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR081 CaseType=Combination P=-202.777766816924 V2=36.1530394601133 V3=0 T=0 M2=0 M3=-68.8302461653005 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR082 CaseType=Combination P=-66.7480305979488 V2=17.6685729959355 V3=0 T=0 M2=0 M3=-25.1100448276201 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR082 CaseType=Combination P=-65.5761555979488 V2=19.3157604959355 V3=0 T=0 M2=0 M3=-28.579933514358 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR083 CaseType=Combination P=-60.209016814983 V2=22.3165609867735 V3=0 T=0 M2=0 M3=-12.9801974253108 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR083 CaseType=Combination P=-59.037141814983 V2=30.0773734867735 V3=0 T=0 M2=0 M3=-17.8971912822058 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR084 CaseType=Combination P=-185.827432458197 V2=31.6841708725666 V3=0 T=0 M2=0 M3=-70.1992393855685 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR084 CaseType=Combination P=-184.245403008197 V2=33.3313583725666 V3=0 T=0 M2=0 M3=-76.2970526741748 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR085 CaseType=Combination P=-173.213725942673 V2=6.67839551862181 V3=0 T=0 M2=0 M3=-55.3534991467767 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR085 CaseType=Combination P=-171.631694692673 V2=8.32558301862181 V3=0 T=0 M2=0 M3=-56.7627295565183 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR086 CaseType=Combination P=-178.691267443269 V2=19.0675948441107 V3=0 T=0 M2=0 M3=-61.6869235172898 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR086 CaseType=Combination P=-177.109236193269 V2=20.7147823441107 V3=0 T=0 M2=0 M3=-65.4191288005606 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR087 CaseType=Combination P=-173.213725942523 V2=23.114075408568 V3=0 T=0 M2=0 M3=-51.5099710714262 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR087 CaseType=Combination P=-171.631694692523 V2=29.821571502318 V3=0 T=0 M2=0 M3=-56.4778987847515 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR088 CaseType=Combination P=-65.252986191701 V2=14.7552082921503 V3=0 T=0 M2=0 M3=-22.4978812981766 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR088 CaseType=Combination P=-64.081111191701 V2=16.4023957921503 V3=0 T=0 M2=0 M3=-25.4215141029547 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR089 CaseType=Combination P=-59.7754446909549 V2=18.8016888566076 V3=0 T=0 M2=0 M3=-12.320928852313 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR089 CaseType=Combination P=-58.6035696909549 V2=25.5091849503576 V3=0 T=0 M2=0 M3=-16.4802840871457 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR090 CaseType=Combination P=-81.0762259415218 V2=10.80755223011 V3=0 T=0 M2=0 M3=-22.9579024762011 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR090 CaseType=Combination P=-79.4941946915218 V2=14.35509910511 V3=0 T=0 M2=0 M3=-25.3225568005968 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR091 CaseType=Combination P=-81.0762259415538 V2=3.26363565425195 V3=0 T=0 M2=0 M3=-24.6059143413195 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR091 CaseType=Combination P=-79.4941946915538 V2=4.91082315425195 V3=0 T=0 M2=0 M3=-25.3748772764917 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR092 CaseType=Combination P=-173.213725942674 V2=8.55347391838991 V3=0 T=0 M2=0 M3=-56.42039022326 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR092 CaseType=Combination P=-171.631694692674 V2=10.2006614183899 V3=0 T=0 M2=0 M3=-58.1811978329581 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR093 CaseType=Combination P=-178.69126744327 V2=20.9426732438788 V3=0 T=0 M2=0 M3=-62.7538145937731 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR093 CaseType=Combination P=-177.10923619327 V2=22.5898607438788 V3=0 T=0 M2=0 M3=-66.8375970770004 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR094 CaseType=Combination P=-173.213725942524 V2=24.9891538083361 V3=0 T=0 M2=0 M3=-52.5768621479095 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR094 CaseType=Combination P=-171.631694692524 V2=31.6966499020861 V3=0 T=0 M2=0 M3=-57.8963670611913 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR095 CaseType=Combination P=-65.2529861917019 V2=16.6302866919184 V3=0 T=0 M2=0 M3=-23.5647723746598 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR095 CaseType=Combination P=-64.0811111917019 V2=18.2774741919184 V3=0 T=0 M2=0 M3=-26.8399823793945 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR096 CaseType=Combination P=-59.7754446909557 V2=20.6767672563757 V3=0 T=0 M2=0 M3=-13.3878199287963 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR096 CaseType=Combination P=-58.6035696909557 V2=27.3842633501257 V3=0 T=0 M2=0 M3=-17.8987523635854 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR097 CaseType=Combination P=-81.0762259415201 V2=7.05739543057377 V3=0 T=0 M2=0 M3=-20.8241203232346 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR097 CaseType=Combination P=-79.4941946915201 V2=10.6049423055738 V3=0 T=0 M2=0 M3=-22.4856202477172 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR098 CaseType=Combination P=-81.076225941522 V2=-0.486521145284252 V3=0 T=0 M2=0 M3=-22.4721321883529 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR098 CaseType=Combination P=-79.494194691522 V2=1.16066635471575 V3=0 T=0 M2=0 M3=-22.5379407236121 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR099 CaseType=Combination P=-173.213725942672 V2=4.80331711885371 V3=0 T=0 M2=0 M3=-54.2866080702935 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR099 CaseType=Combination P=-171.631694692672 V2=6.45050461885371 V3=0 T=0 M2=0 M3=-55.3442612800785 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR100 CaseType=Combination P=-178.691267443268 V2=17.1925164443426 V3=0 T=0 M2=0 M3=-60.6200324408065 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR100 CaseType=Combination P=-177.109236193268 V2=18.8397039443426 V3=0 T=0 M2=0 M3=-64.0006605241208 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR101 CaseType=Combination P=-173.213725942522 V2=21.2389970087999 V3=0 T=0 M2=0 M3=-50.4430799949429 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR101 CaseType=Combination P=-171.631694692522 V2=27.9464931025499 V3=0 T=0 M2=0 M3=-55.0594305083117 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR102 CaseType=Combination P=-65.2529861917002 V2=12.8801298923822 V3=0 T=0 M2=0 M3=-21.4309902216933 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR102 CaseType=Combination P=-64.0811111917002 V2=14.5273173923822 V3=0 T=0 M2=0 M3=-24.0030458265149 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR103 CaseType=Combination P=-59.7754446909541 V2=16.9266104568395 V3=0 T=0 M2=0 M3=-11.2540377758297 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR103 CaseType=Combination P=-58.6035696909541 V2=23.6341065505895 V3=0 T=0 M2=0 M3=-15.0618158107059 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR104 CaseType=Combination P=-81.0762259415201 V2=6.99364276498232 V3=0 T=0 M2=0 M3=-20.7878460266342 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR104 CaseType=Combination P=-79.4941946915201 V2=10.5411896399823 V3=0 T=0 M2=0 M3=-22.4373923263184 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR105 CaseType=Combination P=-81.076225941522 V2=-0.550273810875707 V3=0 T=0 M2=0 M3=-22.4358578917525 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR105 CaseType=Combination P=-79.494194691522 V2=1.09691368912429 V3=0 T=0 M2=0 M3=-22.4897128022133 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR106 CaseType=Combination P=-173.213725942672 V2=4.73956445326226 V3=0 T=0 M2=0 M3=-54.2503337736931 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR106 CaseType=Combination P=-171.631694692672 V2=6.38675195326226 V3=0 T=0 M2=0 M3=-55.2960333586798 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR107 CaseType=Combination P=-178.691267443268 V2=17.1287637787511 V3=0 T=0 M2=0 M3=-60.5837581442061 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR107 CaseType=Combination P=-177.109236193268 V2=18.7759512787511 V3=0 T=0 M2=0 M3=-63.9524326027222 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR108 CaseType=Combination P=-173.213725942522 V2=21.1752443432084 V3=0 T=0 M2=0 M3=-50.4068056983426 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR108 CaseType=Combination P=-171.631694692522 V2=27.8827404369584 V3=0 T=0 M2=0 M3=-55.0112025869129 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR109 CaseType=Combination P=-65.2529861917002 V2=12.8163772267907 V3=0 T=0 M2=0 M3=-21.3947159250929 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR109 CaseType=Combination P=-64.0811111917002 V2=14.4635647267907 V3=0 T=0 M2=0 M3=-23.9548179051161 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR110 CaseType=Combination P=-59.7754446909541 V2=16.862857791248 V3=0 T=0 M2=0 M3=-11.2177634792293 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR110 CaseType=Combination P=-58.6035696909541 V2=23.570353884998 V3=0 T=0 M2=0 M3=-15.0135878893071 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR111 CaseType=Combination P=-83.244086561858 V2=11.6872289576912 V3=0 T=0 M2=0 M3=-28.8465479484273 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR111 CaseType=Combination P=-81.66205311858 V2=15.2347758326912 V3=0 T=0 M2=0 M3=-31.3761416592445 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR112 CaseType=Combination P=-83.24408656189 V2=4.14331238183321 V3=0 T=0 M2=0 M3=-30.4945598135457 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR112 CaseType=Combination P=-81.6620531189 V2=5.79049988183321 V3=0 T=0 M2=0 M3=-31.4284621351394 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR113 CaseType=Combination P=-205.660514439316 V2=10.6454790418806 V3=0 T=0 M2=0 M3=-71.5227536797245 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR113 CaseType=Combination P=-204.078483189316 V2=12.2926665418806 V3=0 T=0 M2=0 M3=-73.6758122500771 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR114 CaseType=Combination P=-212.199528222092 V2=25.3970920456849 V3=0 T=0 M2=0 M3=-79.0772342699393 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR114 CaseType=Combination P=-210.617496972092 V2=27.0442795456849 V3=0 T=0 M2=0 M3=-83.9962202785052 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR115 CaseType=Combination P=-205.660514439126 V2=30.0450800365229 V3=0 T=0 M2=0 M3=-66.9473868676299 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR115 CaseType=Combination P=-204.078483189126 V2=37.8058925365229 V3=0 T=0 M2=0 M3=-73.313478046353 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR116 CaseType=Combination P=-68.048746970151 V2=19.3214260723451 V3=0 T=0 M2=0 M3=-29.2833667568458 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR116 CaseType=Combination P=-66.876871970151 V2=20.9686135723451 V3=0 T=0 M2=0 M3=-33.0631653954105 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR117 CaseType=Combination P=-61.5097331871852 V2=23.9694140631832 V3=0 T=0 M2=0 M3=-17.1535193545365 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR117 CaseType=Combination P=-60.3378581871852 V2=31.7302265631832 V3=0 T=0 M2=0 M3=-22.3804231632583 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR118 CaseType=Combination P=-187.128150630399 V2=33.3370239489762 V3=0 T=0 M2=0 M3=-74.3725613147942 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR118 CaseType=Combination P=-185.546119380399 V2=34.9842114489762 V3=0 T=0 M2=0 M3=-80.7802845552273 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR119 CaseType=Combination P=-175.38158656301 V2=9.43315064597118 V3=0 T=0 M2=0 M3=-62.3090356954862 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR119 CaseType=Combination P=-173.79955531301 V2=11.0803381459712 V3=0 T=0 M2=0 M3=-64.2347826916058 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR120 CaseType=Combination P=-180.859128063606 V2=21.8223499714601 V3=0 T=0 M2=0 M3=-68.6424600659993 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR120 CaseType=Combination P=-179.277096813606 V2=23.4695374714601 V3=0 T=0 M2=0 M3=-72.891181935648 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR121 CaseType=Combination P=-175.38158656286 V2=25.8688305359174 V3=0 T=0 M2=0 M3=-58.4655076201357 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR121 CaseType=Combination P=-173.79955531286 V2=32.5763266296674 V3=0 T=0 M2=0 M3=-63.949951919839 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR122 CaseType=Combination P=-67.4208468120381 V2=17.5099634194997 V3=0 T=0 M2=0 M3=-29.453417846886 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR122 CaseType=Combination P=-66.2489718120381 V2=19.1571509194997 V3=0 T=0 M2=0 M3=-32.8935672380422 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR123 CaseType=Combination P=-61.9433053112919 V2=21.556443983957 V3=0 T=0 M2=0 M3=-19.2764654010224 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR123 CaseType=Combination P=-60.7714303112919 V2=28.263940077707 V3=0 T=0 M2=0 M3=-23.9523372222331 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR124 CaseType=Combination P=-83.2440865618588 V2=13.5623073574593 V3=0 T=0 M2=0 M3=-29.9134390249106 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR124 CaseType=Combination P=-81.6620553118588 V2=17.1098542324593 V3=0 T=0 M2=0 M3=-32.7946099356843 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR125 CaseType=Combination P=-83.2440865618909 V2=6.01839078160131 V3=0 T=0 M2=0 M3=-31.5614508900289 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR125 CaseType=Combination P=-81.6620553118909 V2=7.66557828160131 V3=0 T=0 M2=0 M3=-32.8469304115792 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR126 CaseType=Combination P=-175.381586563011 V2=11.3082290457393 V3=0 T=0 M2=0 M3=-63.3759267719695 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR126 CaseType=Combination P=-173.799555313011 V2=12.9554165457393 V3=0 T=0 M2=0 M3=-65.6532509680456 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR127 CaseType=Combination P=-180.859128063607 V2=23.6974283712282 V3=0 T=0 M2=0 M3=-69.7093511424825 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR127 CaseType=Combination P=-179.277096813607 V2=25.3446158712282 V3=0 T=0 M2=0 M3=-74.3096502120878 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR128 CaseType=Combination P=-175.381586562861 V2=27.7430989356855 V3=0 T=0 M2=0 M3=-59.532398696619 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR128 CaseType=Combination P=-173.799555312861 V2=34.4514050294355 V3=0 T=0 M2=0 M3=-65.3684201962788 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR129 CaseType=Combination P=-67.4208468120389 V2=19.3850418192678 V3=0 T=0 M2=0 M3=-30.5203089233693 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR129 CaseType=Combination P=-66.2489718120389 V2=21.0322293192678 V3=0 T=0 M2=0 M3=-34.312035514482 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR130 CaseType=Combination P=-61.9433053112927 V2=23.4315223837251 V3=0 T=0 M2=0 M3=-20.3433564775057 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR130 CaseType=Combination P=-60.7714303112927 V2=30.1390184774751 V3=0 T=0 M2=0 M3=-25.3708054986729 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR131 CaseType=Combination P=-83.2440865618572 V2=9.81215055792314 V3=0 T=0 M2=0 M3=-27.7796568719441 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR131 CaseType=Combination P=-81.6620553118572 V2=13.3596974329231 V3=0 T=0 M2=0 M3=-29.9576733828047 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR132 CaseType=Combination P=-83.2440865618892 V2=2.26823398206512 V3=0 T=0 M2=0 M3=-29.4276687370624 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR132 CaseType=Combination P=-81.6620553118892 V2=3.91541248206511 V3=0 T=0 M2=0 M3=-30.0099938586996 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR133 CaseType=Combination P=-175.381586563009 V2=7.55807224620308 V3=0 T=0 M2=0 M3=-61.2421446190029 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR133 CaseType=Combination P=-173.799555313009 V2=9.20525974620308 V3=0 T=0 M2=0 M3=-62.816314415166 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR134 CaseType=Combination P=-180.859128063605 V2=19.947271571692 V3=0 T=0 M2=0 M3=-67.57568989516 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR134 CaseType=Combination P=-179.277096813605 V2=21.594459071692 V3=0 T=0 M2=0 M3=-71.4727136592082 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR135 CaseType=Combination P=-175.381586562859 V2=23.9937521361493 V3=0 T=0 M2=0 M3=-57.3986165436524 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR135 CaseType=Combination P=-173.799555312859 V2=30.7012482298993 V3=0 T=0 M2=0 M3=-62.5314836433992 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR136 CaseType=Combination P=-67.4208468120373 V2=15.6348850197316 V3=0 T=0 M2=0 M3=-28.3865267704028 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR136 CaseType=Combination P=-66.2489718120373 V2=17.2820725197316 V3=0 T=0 M2=0 M3=-31.4750989616024 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR137 CaseType=Combination P=-61.9433053112911 V2=19.6813655841889 V3=0 T=0 M2=0 M3=-18.2095743245392 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR137 CaseType=Combination P=-60.7714303112911 V2=26.3888616779389 V3=0 T=0 M2=0 M3=-22.5338689457933 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR138 CaseType=Combination P=-83.2440865618572 V2=9.74839789233168 V3=0 T=0 M2=0 M3=-27.7433825753437 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR138 CaseType=Combination P=-81.6620553118572 V2=13.2959447673317 V3=0 T=0 M2=0 M3=-29.9094454614059 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR139 CaseType=Combination P=-83.2440865618892 V2=2.20448131647366 V3=0 T=0 M2=0 M3=-29.391394440462 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR139 CaseType=Combination P=-81.6620553118892 V2=3.85166881647366 V3=0 T=0 M2=0 M3=-29.9617659373008 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR140 CaseType=Combination P=-175.381586563009 V2=7.49431958061162 V3=0 T=0 M2=0 M3=-61.2058703224025 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR140 CaseType=Combination P=-173.799555313009 V2=9.14150708061162 V3=0 T=0 M2=0 M3=-62.7680864937672 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR141 CaseType=Combination P=-180.859128063605 V2=19.8835189061005 V3=0 T=0 M2=0 M3=-67.5392946929156 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR141 CaseType=Combination P=-179.277096813605 V2=21.5307064061005 V3=0 T=0 M2=0 M3=-71.4244857378094 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR142 CaseType=Combination P=-175.381586562859 V2=23.9299994705578 V3=0 T=0 M2=0 M3=-57.362342247052 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR142 CaseType=Combination P=-173.799555312859 V2=30.6374955643078 V3=0 T=0 M2=0 M3=-62.4832557220004 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR143 CaseType=Combination P=-67.4208468120373 V2=15.5711323541401 V3=0 T=0 M2=0 M3=-28.3502524738024 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR143 CaseType=Combination P=-66.2489718120373 V2=17.2183198541401 V3=0 T=0 M2=0 M3=-31.4268710402036 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR144 CaseType=Combination P=-61.9433053112911 V2=19.6176129185974 V3=0 T=0 M2=0 M3=-18.1733000279388 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR144 CaseType=Combination P=-60.7714303112911 V2=26.3251090123474 V3=0 T=0 M2=0 M3=-22.4856410243945 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR145 CaseType=Combination P=-82.1601562516881 V2=7.07846628508396 V3=0 T=0 M2=0 M3=-23.5301707189332 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR145 CaseType=Combination P=-80.5781250016881 V2=10.626013160084 V3=0 T=0 M2=0 M3=-25.1956214286364 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR146 CaseType=Combination P=-82.1601562517201 V2=0.46545029077406 V3=0 T=0 M2=0 M3=-25.1781825840515 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR146 CaseType=Combination P=-80.5781250017201 V2=1.18173720922594 V3=0 T=0 M2=0 M3=-25.2479419045313 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR147 CaseType=Combination P=-205.010156253214 V2=7.88022143831626 V3=0 T=0 M2=0 M3=-68.332927342028 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR147 CaseType=Combination P=-203.428125003214 V2=9.52740893831626 V3=0 T=0 M2=0 M3=-69.9675001117123 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR148 CaseType=Combination P=-211.54917003599 V2=22.6318344421205 V3=0 T=0 M2=0 M3=-75.8874079322427 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR148 CaseType=Combination P=-209.96713878599 V2=24.2790219421205 V3=0 T=0 M2=0 M3=-80.2879081401403 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR149 CaseType=Combination P=-205.010156253025 V2=27.2798224329585 V3=0 T=0 M2=0 M3=-63.7575605299334 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR149 CaseType=Combination P=-203.428125003025 V2=35.0406349329585 V3=0 T=0 M2=0 M3=-69.6051659079882 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR150 CaseType=Combination P=-67.3983887840491 V2=16.5561684687808 V3=0 T=0 M2=0 M3=-26.0935404191493 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR150 CaseType=Combination P=-66.2265137840491 V2=18.2033559687808 V3=0 T=0 M2=0 M3=-29.3548532570457 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR151 CaseType=Combination P=-60.8593750010833 V2=21.2041564596188 V3=0 T=0 M2=0 M3=-13.96369301684 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR151 CaseType=Combination P=-59.6875000010833 V2=28.9649689596188 V3=0 T=0 M2=0 M3=-18.6721110248935 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR152 CaseType=Combination P=-186.47792444297 V2=30.5717663454119 V3=0 T=0 M2=0 M3=-71.1827349770977 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR152 CaseType=Combination P=-184.895761194297 V2=32.2189538454119 V3=0 T=0 M2=0 M3=-77.0719724168624 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR153 CaseType=Combination P=-174.29765625284 V2=4.8243879733639 V3=0 T=0 M2=0 M3=-56.992658465992 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR153 CaseType=Combination P=-172.71562500284 V2=6.4715754733639 V3=0 T=0 M2=0 M3=-58.0542624609978 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR154 CaseType=Combination P=-179.775197753436 V2=17.2135872988528 V3=0 T=0 M2=0 M3=-63.3260828365051 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR154 CaseType=Combination P=-178.193166503436 V2=18.8607747988528 V3=0 T=0 M2=0 M3=-66.71066170504 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR155 CaseType=Combination P=-174.29765625269 V2=21.2600678633101 V3=0 T=0 M2=0 M3=-53.1491303906415 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR155 CaseType=Combination P=-172.71562500269 V2=27.9675639570601 V3=0 T=0 M2=0 M3=-57.7694316892309 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR156 CaseType=Combination P=-66.3369165018682 V2=12.9012007468924 V3=0 T=0 M2=0 M3=-24.1370406173918 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR156 CaseType=Combination P=-65.1650415018682 V2=14.5483882468924 V3=0 T=0 M2=0 M3=-26.7130470074342 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR157 CaseType=Combination P=-60.859375001122 V2=16.9476813113497 V3=0 T=0 M2=0 M3=-13.9600881715283 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR157 CaseType=Combination P=-59.687500001122 V2=23.6551774050997 V3=0 T=0 M2=0 M3=-17.7718169916251 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR158 CaseType=Combination P=-82.1601562516889 V2=8.95354468485206 V3=0 T=0 M2=0 M3=-24.5970617954164 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR158 CaseType=Combination P=-80.5781250016889 V2=12.5010915598521 V3=0 T=0 M2=0 M3=-26.6140897050762 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR159 CaseType=Combination P=-82.160156251721 V2=1.40962810899404 V3=0 T=0 M2=0 M3=-26.2450736605347 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR159 CaseType=Combination P=-80.578125001721 V2=3.05681560899404 V3=0 T=0 M2=0 M3=-26.6664101809711 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR160 CaseType=Combination P=-174.297656252841 V2=6.699466373132 V3=0 T=0 M2=0 M3=-58.0595495424753 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR160 CaseType=Combination P=-172.715625002841 V2=8.346653873132 V3=0 T=0 M2=0 M3=-59.4727307374376 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR161 CaseType=Combination P=-179.775197753437 V2=19.0886656986209 V3=0 T=0 M2=0 M3=-64.3929739129884 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR161 CaseType=Combination P=-178.193166503437 V2=20.7358531986209 V3=0 T=0 M2=0 M3=-68.1291299814798 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR162 CaseType=Combination P=-174.297656252691 V2=23.1351462630782 V3=0 T=0 M2=0 M3=-54.2160214671248 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR162 CaseType=Combination P=-172.715625002691 V2=29.8426423568282 V3=0 T=0 M2=0 M3=-59.1878999656707 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR163 CaseType=Combination P=-66.336916501869 V2=14.7762791466605 V3=0 T=0 M2=0 M3=-25.2039316938751 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR163 CaseType=Combination P=-65.165041501869 V2=16.4234666466605 V3=0 T=0 M2=0 M3=-28.1315152838739 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR164 CaseType=Combination P=-60.8593750011228 V2=18.8227597111178 V3=0 T=0 M2=0 M3=-15.0269792480115 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR164 CaseType=Combination P=-59.6875000011229 V2=25.5302558048678 V3=0 T=0 M2=0 M3=-19.1902852680649 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR165 CaseType=Combination P=-82.1601562516873 V2=5.20338788531586 V3=0 T=0 M2=0 M3=-22.4632796424499 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR165 CaseType=Combination P=-80.5781250016873 V2=8.75093476031586 V3=0 T=0 M2=0 M3=-23.7771531521966 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR166 CaseType=Combination P=-82.1601562517193 V2=-2.34052869054216 V3=0 T=0 M2=0 M3=-24.1112915075682 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR166 CaseType=Combination P=-80.5781250017193 V2=-0.69334119054216 V3=0 T=0 M2=0 M3=-23.8294736280915 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR167 CaseType=Combination P=-174.297656252839 V2=2.94930957359581 V3=0 T=0 M2=0 M3=-55.9257673895087 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR167 CaseType=Combination P=-172.715625002839 V2=4.5964970735958 V3=0 T=0 M2=0 M3=-56.635794184558 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR168 CaseType=Combination P=-179.775197753435 V2=15.3385088990847 V3=0 T=0 M2=0 M3=-62.2591917600218 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR168 CaseType=Combination P=-178.193166503435 V2=16.9856963990847 V3=0 T=0 M2=0 M3=-65.2921934286002 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR169 CaseType=Combination P=-174.297656252689 V2=19.384989463542 V3=0 T=0 M2=0 M3=-52.0822393141582 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR169 CaseType=Combination P=-172.715625002689 V2=26.092485557292 V3=0 T=0 M2=0 M3=-56.3509634127911 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR170 CaseType=Combination P=-66.3369165018674 V2=11.0261223471243 V3=0 T=0 M2=0 M3=-23.0701495409086 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR170 CaseType=Combination P=-65.1650415018674 V2=12.6733098471243 V3=0 T=0 M2=0 M3=-25.2945787309944 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR171 CaseType=Combination P=-60.8593750011212 V2=15.0726029115816 V3=0 T=0 M2=0 M3=-12.893197095045 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR171 CaseType=Combination P=-59.6875000011212 V2=21.7800990053316 V3=0 T=0 M2=0 M3=-16.3533487151853 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR172 CaseType=Combination P=-81.509798065587 V2=6.25203974687915 V3=0 T=0 M2=0 M3=-21.4435097543203 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR172 CaseType=Combination P=-79.927766815587 V2=9.79958662187915 V3=0 T=0 M2=0 M3=-22.9540054881102 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR173 CaseType=Combination P=-81.509798065619 V2=-1.29187682897887 V3=0 T=0 M2=0 M3=-23.0915216194386 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR173 CaseType=Combination P=-79.927766815619 V2=0.355310671021129 V3=0 T=0 M2=0 M3=-23.0063259640051 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR174 CaseType=Combination P=-173.647298066739 V2=3.99796143515909 V3=0 T=0 M2=0 M3=-54.9059975013792 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR174 CaseType=Combination P=-172.065266816739 V2=5.64514893515909 V3=0 T=0 M2=0 M3=-55.8126465204715 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=STR175 CaseType=Combination P=-179.124839567335 V2=16.387160760648 V3=0 T=0 M2=0 M3=-61.2394218718922 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR175 CaseType=Combination P=-177.542808317335 V2=18.034348260648 V3=0 T=0 M2=0 M3=-64.4690457645137 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR176 CaseType=Combination P=-173.647298066589 V2=20.4336413251053 V3=0 T=0 M2=0 M3=-51.0624694260287 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR176 CaseType=Combination P=-172.065266816589 V2=27.1411374188553 V3=0 T=0 M2=0 M3=-55.5278157487047 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR177 CaseType=Combination P=-65.6865583157671 V2=12.0747742086876 V3=0 T=0 M2=0 M3=-22.050379652779 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR177 CaseType=Combination P=-64.5146833157671 V2=13.7219617086876 V3=0 T=0 M2=0 M3=-24.4714310669079 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR178 CaseType=Combination P=-60.2090168150209 V2=16.1212547731449 V3=0 T=0 M2=0 M3=-11.8734272069154 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR178 CaseType=Combination P=-59.0371418150209 V2=22.8287508668949 V3=0 T=0 M2=0 M3=-15.5302010510988 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR179 CaseType=Combination P=-81.509798065587 V2=6.25203974687915 V3=0 T=0 M2=0 M3=-21.4435097543203 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR179 CaseType=Combination P=-79.927766815587 V2=9.79958662187915 V3=0 T=0 M2=0 M3=-22.9540054881102 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR180 CaseType=Combination P=-82.8105144377892 V2=7.90489282328877 V3=0 T=0 M2=0 M3=-25.616831683546 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR180 CaseType=Combination P=-81.2284831877892 V2=11.4524396982888 V3=0 T=0 M2=0 M3=-27.4372373691626 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR181 CaseType=Combination P=-82.8105144378213 V2=0.36097624743075 V3=0 T=0 M2=0 M3=-27.2648435486643 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR181 CaseType=Combination P=-81.2284831878213 V2=2.00816374743075 V3=0 T=0 M2=0 M3=-27.4895578450576 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR182 CaseType=Combination P=-174.948014438941 V2=5.65081451156871 V3=0 T=0 M2=0 M3=-59.0793194306049 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR182 CaseType=Combination P=-173.365983188941 V2=7.29800201156871 V3=0 T=0 M2=0 M3=-60.295878401524 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR183 CaseType=Combination P=-180.42555939537 V2=18.0400138370576 V3=0 T=0 M2=0 M3=-65.4127438011179 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR183 CaseType=Combination P=-178.843524689537 V2=19.6872013370576 V3=0 T=0 M2=0 M3=-68.9522776455662 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR184 CaseType=Combination P=-174.948014438791 V2=22.0864944015149 V3=0 T=0 M2=0 M3=-55.2357913552543 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR184 CaseType=Combination P=-173.365983188791 V2=28.7939904952649 V3=0 T=0 M2=0 M3=-60.0110476297572 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR185 CaseType=Combination P=-66.9872746879693 V2=13.7276272850972 V3=0 T=0 M2=0 M3=-26.2237015820047 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR185 CaseType=Combination P=-65.8153996879693 V2=15.3748147850972 V3=0 T=0 M2=0 M3=-28.9546629479604 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR186 CaseType=Combination P=-61.5097331872231 V2=17.7741078495545 V3=0 T=0 M2=0 M3=-16.0467491361411 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR186 CaseType=Combination P=-60.3378581872232 V2=24.4816039433045 V3=0 T=0 M2=0 M3=-20.0134329321513 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=STR187 CaseType=Combination P=-82.8105144377892 V2=7.90489282328877 V3=0 T=0 M2=0 M3=-25.616831683546 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=STR187 CaseType=Combination P=-81.2284831877892 V2=11.4524396982888 V3=0 T=0 M2=0 M3=-27.4372373691626 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-59.7754446909541 V2=34.3856758105395 V3=0 T=0 M2=0 M3=-11.2177634792293  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVSTR CaseType=Combination StepType=Max P=-58.6035696909541 V2=38.8545443980862 V3=0 T=0 M2=0 M3=-15.0135878893071  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-212.199528222092 V2=-2.34052869054216 V3=0 T=0 M2=0 M3=-79.0772342699393  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVSTR CaseType=Combination StepType=Min P=-210.617496972092 V2=-0.69334119054216 V3=0 T=0 M2=0 M3=-  
83.9962202785052 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS01 CaseType=Combination P=-70.8197195663568 V2=30.5713242751826 V3=0 T=0 M2=0 M3=-31.7698479311954 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS01 CaseType=Combination P=-69.6979070663568 V2=32.8691367751826 V3=0 T=0 M2=0 M3=-37.7215806077922 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS02 CaseType=Combination P=-70.8197195663574 V2=31.8734620527994 V3=0 T=0 M2=0 M3=-32.5107445120866 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS02 CaseType=Combination P=-69.6979070663574 V2=34.1712745527994 V3=0 T=0 M2=0 M3=-38.7066280219865 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS03 CaseType=Combination P=-70.8197195663562 V2=29.2691864975659 V3=0 T=0 M2=0 M3=-31.0289513503043 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS03 CaseType=Combination P=-69.6979070663562 V2=31.5669989975659 V3=0 T=0 M2=0 M3=-36.7365331935979 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS04 CaseType=Combination P=-70.3680819371199 V2=29.9974169569848 V3=0 T=0 M2=0 M3=-30.320777816881 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS04 CaseType=Combination P=-69.2462694371199 V2=32.2952294569848 V3=0 T=0 M2=0 M3=-36.1649028713156 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS05 CaseType=Combination P=-71.2713571955937 V2=31.1452315933804 V3=0 T=0 M2=0 M3=-33.2189160455099 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS05 CaseType=Combination P=-70.1495446955937 V2=33.4430440933804 V3=0 T=0 M2=0 M3=-39.2782583442687 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=SIS06 CaseType=Combination P=-70.8197195663562 V2=29.2249138131274 V3=0 T=0 M2=0 M3=-31.003760866554 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS06 CaseType=Combination P=-69.6979070663562 V2=31.5227263131274 V3=0 T=0 M2=0 M3=-36.7030415815154 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS07 CaseType=Combination P=-70.3680819371205 V2=31.2995547346016 V3=0 T=0 M2=0 M3=-31.0616743977721 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS07 CaseType=Combination P=-69.2462694371205 V2=33.5973672346016 V3=0 T=0 M2=0 M3=-37.1499502855099 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS08 CaseType=Combination P=-71.2713571955942 V2=32.4473693709971 V3=0 T=0 M2=0 M3=-33.9598146264011 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS08 CaseType=Combination P=-70.1495446955942 V2=34.7451818709971 V3=0 T=0 M2=0 M3=-40.263305758463 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS09 CaseType=Combination P=-70.8197195663568 V2=30.5270515907441 V3=0 T=0 M2=0 M3=-31.7446574474452 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS09 CaseType=Combination P=-69.6979070663568 V2=32.8248640907441 V3=0 T=0 M2=0 M3=-37.6880889957097 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS10 CaseType=Combination P=-75.9785945663854 V2=30.6704292270217 V3=0 T=0 M2=0 M3=-33.5157272930473 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS10 CaseType=Combination P=-74.7566570663854 V2=32.9682417270217 V3=0 T=0 M2=0 M3=-39.4860421481139 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS11 CaseType=Combination P=-75.978594566386 V2=31.9725670046384 V3=0 T=0 M2=0 M3=-34.2566238739385 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS11 CaseType=Combination P=-74.756657066386 V2=34.2703795046384 V3=0 T=0 M2=0 M3=-40.4710895263082 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS12 CaseType=Combination P=-75.9785945663849 V2=29.3682914494049 V3=0 T=0 M2=0 M3=-32.7748307121562 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS12 CaseType=Combination P=-74.7566570663849 V2=31.6661039494049 V3=0 T=0 M2=0 M3=-38.5009947339196 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS13 CaseType=Combination P=-75.5269569371486 V2=30.0965219088239 V3=0 T=0 M2=0 M3=-32.0666571787329 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS13 CaseType=Combination P=-74.3050194371486 V2=32.3943344088239 V3=0 T=0 M2=0 M3=-37.9293644116374 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS14 CaseType=Combination P=-76.4302321956223 V2=31.2443365452195 V3=0 T=0 M2=0 M3=-34.9647974073618 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS14 CaseType=Combination P=-75.2082946956223 V2=33.5421490452195 V3=0 T=0 M2=0 M3=-41.0427198845905 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS15 CaseType=Combination P=-75.9785945663849 V2=29.3240187649664 V3=0 T=0 M2=0 M3=-32.7496402284059 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS15 CaseType=Combination P=-74.7566570663849 V2=31.6218312649664 V3=0 T=0 M2=0 M3=-38.4675031218371 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS16 CaseType=Combination P=-75.5269569371491 V2=31.3986596864406 V3=0 T=0 M2=0 M3=-32.807553759624 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS16 CaseType=Combination P=-74.3050194371491 V2=33.6964721864406 V3=0 T=0 M2=0 M3=-38.9144118258317 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS17 CaseType=Combination P=-76.4302321956229 V2=32.5464743228362 V3=0 T=0 M2=0 M3=-35.705693988253 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS17 CaseType=Combination P=-75.2082946956229 V2=34.8442868228362 V3=0 T=0 M2=0 M3=-42.0277672987848 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS18 CaseType=Combination P=-75.9785945663854 V2=30.6261565425832 V3=0 T=0 M2=0 M3=-33.4905368092971 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS18 CaseType=Combination P=-74.7566570663854 V2=32.9239690425832 V3=0 T=0 M2=0 M3=-39.4525505360314 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS19 CaseType=Combination P=-57.8810632352615 V2=18.4795768276935 V3=0 T=0 M2=0 M3=-22.1704221392316 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS19 CaseType=Combination P=-56.8760632352615 V2=21.0083893276935 V3=0 T=0 M2=0 M3=-25.8766084194241 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS20 CaseType=Combination P=-57.8810632352621 V2=19.7817146053103 V3=0 T=0 M2=0 M3=-22.9113187201227 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS20 CaseType=Combination P=-56.8760632352621 V2=22.3105271053103 V3=0 T=0 M2=0 M3=-26.8616588336184 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS21 CaseType=Combination P=-57.881063235261 V2=17.1774390500768 V3=0 T=0 M2=0 M3=-21.4295255583404 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS21 CaseType=Combination P=-56.876063235261 V2=19.7062515500768 V3=0 T=0 M2=0 M3=-24.8915610052298 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS22 CaseType=Combination P=-57.4294256060247 V2=17.9056695094957 V3=0 T=0 M2=0 M3=-20.7213520249171 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS22 CaseType=Combination P=-56.4244256060246 V2=20.4344820094957 V3=0 T=0 M2=0 M3=-24.3199306829475 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS23 CaseType=Combination P=-58.3327008644984 V2=19.0534841458913 V3=0 T=0 M2=0 M3=-23.619492253546 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS23 CaseType=Combination P=-57.3277008644984 V2=21.5822966458913 V3=0 T=0 M2=0 M3=-27.4332861559006 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS24 CaseType=Combination P=-57.881063235261 V2=17.1331663656383 V3=0 T=0 M2=0 M3=-21.4043350745901 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS24 CaseType=Combination P=-56.876063235261 V2=19.6619788656383 V3=0 T=0 M2=0 M3=-24.8580693931473 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS25 CaseType=Combination P=-57.4294256060252 V2=19.2078072871125 V3=0 T=0 M2=0 M3=-21.4622466058082 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS25 CaseType=Combination P=-56.4244256060252 V2=21.7366197871125 V3=0 T=0 M2=0 M3=-25.3049780971418 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=SIS26 CaseType=Combination P=-58.332700864499 V2=20.3556219235081 V3=0 T=0 M2=0 M3=-24.3603888344372 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS26 CaseType=Combination P=-57.327700864499 V2=22.8844344235081 V3=0 T=0 M2=0 M3=-28.4183335700949 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS27 CaseType=Combination P=-57.8810632352615 V2=18.435304143255 V3=0 T=0 M2=0 M3=-22.1452316554813 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS27 CaseType=Combination P=-56.870632352615 V2=20.964116643255 V3=0 T=0 M2=0 M3=-25.8431168073416 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS28 CaseType=Combination P=-75.077313235357 V2=18.809926667157 V3=0 T=0 M2=0 M3=-27.9900200120713 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS28 CaseType=Combination P=-73.738563235357 V2=21.338739167157 V3=0 T=0 M2=0 M3=-31.7581468871632 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS29 CaseType=Combination P=-75.077313235357 V2=20.1120644447738 V3=0 T=0 M2=0 M3=-28.7309165929625 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS29 CaseType=Combination P=-73.738563235357 V2=22.6408769447738 V3=0 T=0 M2=0 M3=-32.7431943013575 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS30 CaseType=Combination P=-75.077313235356 V2=17.5077888895403 V3=0 T=0 M2=0 M3=-27.2491234311801 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS30 CaseType=Combination P=-73.738563235356 V2=20.0366013895403 V3=0 T=0 M2=0 M3=-30.7730994729689 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS31 CaseType=Combination P=-74.6256756061201 V2=18.2360193489593 V3=0 T=0 M2=0 M3=-26.5409498977568 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS31 CaseType=Combination P=-73.2869256061201 V2=20.7648318489593 V3=0 T=0 M2=0 M3=-30.2014691506867 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS32 CaseType=Combination P=-75.5289508645939 V2=19.3838339853548 V3=0 T=0 M2=0 M3=-29.4390901263858 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS32 CaseType=Combination P=-74.1902008645939 V2=21.9126464853548 V3=0 T=0 M2=0 M3=-33.3148246236398 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS33 CaseType=Combination P=-75.077313235356 V2=17.4635162051018 V3=0 T=0 M2=0 M3=-27.229329474299 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS33 CaseType=Combination P=-73.738563235356 V2=19.9923287051018 V3=0 T=0 M2=0 M3=-30.7396078608864 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS34 CaseType=Combination P=-74.6256756061207 V2=19.538157126576 V3=0 T=0 M2=0 M3=-27.281846478648 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS34 CaseType=Combination P=-73.2869256061207 V2=22.066969626576 V3=0 T=0 M2=0 M3=-31.186516564881 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS35 CaseType=Combination P=-75.5289508645944 V2=20.6859717629716 V3=0 T=0 M2=0 M3=-30.1799867072769 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS35 CaseType=Combination P=-74.1902008645944 V2=23.2147842629716 V3=0 T=0 M2=0 M3=-34.2998720378341 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=SIS36 CaseType=Combination P=-75.077313235357 V2=18.7656539827185 V3=0 T=0 M2=0 M3=-27.964829528321 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=SIS36 CaseType=Combination P=-73.738563235357 V2=21.2944664827185 V3=0 T=0 M2=0 M3=-31.7246552750807 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-57.4294256060247 V2=32.5464743228362 V3=0 T=0 M2=0 M3=-20.7213520249171  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVSIS CaseType=Combination StepType=Max P=-56.4244256060246 V2=34.8442868228362 V3=0 T=0 M2=0 M3=-24.3199306829475  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-76.4302321956229 V2=17.1331663656383 V3=0 T=0 M2=0 M3=-35.705693988253  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVSIS CaseType=Combination StepType=Min P=-75.2082946956229 V2=19.6619788656383 V3=0 T=0 M2=0 M3=-42.0277672987848  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR001 CaseType=Combination P=-60.8593750012515 V2=7.63692695853078 V3=0 T=0 M2=0 M3=-18.7916886474612 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR001 CaseType=Combination P=-59.6875000012515 V2=10.2647394585308 V3=0 T=0 M2=0 M3=-20.4741593271857 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR002 CaseType=Combination P=-151.859375002379 V2=8.96791814923779 V3=0 T=0 M2=0 M3=-51.0639297767743 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR002 CaseType=Combination P=-150.687500002379 V2=10.6151056492378 V3=0 T=0 M2=0 M3=-52.9024456797564 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR003 CaseType=Combination P=-156.187930701257 V2=18.7039638467089 V3=0 T=0 M2=0 M3=-56.0599637904784 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR003 CaseType=Combination P=-155.016055701257 V2=20.3511513467089 V3=0 T=0 M2=0 M3=-59.7239882617363 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR004 CaseType=Combination P=-151.859375002241 V2=21.6434470357912 V3=0 T=0 M2=0 M3=-48.044982150383 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR004 CaseType=Combination P=-150.687500002241 V2=27.3921970357912 V3=0 T=0 M2=0 M3=-52.6458237820939 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR005 CaseType=Combination P=-65.1879307001509 V2=13.4794322278072 V3=0 T=0 M2=0 M3=-24.6382592157223 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR005 CaseType=Combination P=-64.0160557001509 V2=15.1266197278072 V3=0 T=0 M2=0 M3=-27.3226840084361 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR006 CaseType=Combination P=-60.859375001135 V2=16.4189154168895 V3=0 T=0 M2=0 M3=-16.6232775756269 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR006 CaseType=Combination P=-59.687500001135 V2=22.1676654168895 V3=0 T=0 M2=0 M3=-20.2445195287937 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR007 CaseType=Combination P=-137.616539892595 V2=24.585394886184 V3=0 T=0 M2=0 M3=-52.5750208607413 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR007 CaseType=Combination P=-136.444664892595 V2=26.232582386184 V3=0 T=0 M2=0 M3=-57.3418136519008 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR008 CaseType=Combination P=-60.8593750012744 V2=6.34766208556957 V3=0 T=0 M2=0 M3=-21.1240183638006 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR008 CaseType=Combination P=-59.6875000012744 V2=7.99484958556957 V3=0 T=0 M2=0 M3=-22.4712362548448 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR009 CaseType=Combination P=-151.85937500238 V2=10.5304834823779 V3=0 T=0 M2=0 M3=-51.9530056738437 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR009 CaseType=Combination P=-150.68750000238 V2=12.1776709823779 V3=0 T=0 M2=0 M3=-54.0845025767896 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR010 CaseType=Combination P=-156.187930701258 V2=20.266529179849 V3=0 T=0 M2=0 M3=-56.9490396875478 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR010 CaseType=Combination P=-155.016055701258 V2=21.913716679849 V3=0 T=0 M2=0 M3=-60.9060451587695 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR011 CaseType=Combination P=-151.859375002242 V2=23.2060123689312 V3=0 T=0 M2=0 M3=-48.9340580474524 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR011 CaseType=Combination P=-150.687500002242 V2=28.9547623689312 V3=0 T=0 M2=0 M3=-53.827880679127 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR012 CaseType=Combination P=-65.1879307001516 V2=15.0419975609473 V3=0 T=0 M2=0 M3=-25.5273351127917 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR012 CaseType=Combination P=-64.0160557001516 V2=16.6891850609473 V3=0 T=0 M2=0 M3=-28.5047409054693 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR013 CaseType=Combination P=-60.8593750011357 V2=17.9814807500295 V3=0 T=0 M2=0 M3=-17.5123534726963 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR013 CaseType=Combination P=-59.6875000011357 V2=23.7302307500295 V3=0 T=0 M2=0 M3=-21.4265764258269 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR014 CaseType=Combination P=-137.616539892596 V2=26.1479602193241 V3=0 T=0 M2=0 M3=-53.4640967578107 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR014 CaseType=Combination P=-136.444664892596 V2=27.7951477193241 V3=0 T=0 M2=0 M3=-58.523870548934 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR015 CaseType=Combination P=-129.109375002104 V2=10.266607997458 V3=0 T=0 M2=0 M3=-44.6902967948676 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR015 CaseType=Combination P=-127.937500002104 V2=11.9132482997458 V3=0 T=0 M2=0 M3=-46.77221444482 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR016 CaseType=Combination P=-132.651654936403 V2=18.2521704392056 V3=0 T=0 M2=0 M3=-48.7818447199038 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR016 CaseType=Combination P=-131.479779936403 V2=19.8993579392056 V3=0 T=0 M2=0 M3=-52.3611579272548 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR017 CaseType=Combination P=-129.109375001995 V2=20.7460925717095 V3=0 T=0 M2=0 M3=-42.2134519364349 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR017 CaseType=Combination P=-127.937500001995 V2=25.7146081967095 V3=0 T=0 M2=0 M3=-46.5730024967554 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR018 CaseType=Combination P=-64.401654935574 V2=14.3337717250293 V3=0 T=0 M2=0 M3=-25.2155662888367 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR018 CaseType=Combination P=-63.229779935574 V2=15.9809592250293 V3=0 T=0 M2=0 M3=-28.0601797372797 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR019 CaseType=Combination P=-60.8593750011653 V2=16.8276938575333 V3=0 T=0 M2=0 M3=-18.6471735053678 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR019 CaseType=Combination P=-59.6875000011653 V2=21.7962094825333 V3=0 T=0 M2=0 M3=-22.2720243067803 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR020 CaseType=Combination P=-60.3174098461902 V2=5.65897330373223 V3=0 T=0 M2=0 M3=-19.3851342266232 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR020 CaseType=Combination P=-59.1455348461902 V2=7.30616080373223 V3=0 T=0 M2=0 M3=-20.603222971073 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR021 CaseType=Combination P=-128.56740984702 V2=9.57737201790849 V3=0 T=0 M2=0 M3=-42.9514126576903 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR021 CaseType=Combination P=-127.39553484702 V2=11.2245595179085 V3=0 T=0 M2=0 M3=-44.9042011610481 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR022 CaseType=Combination P=-132.109689781319 V2=17.5634816573683 V3=0 T=0 M2=0 M3=-47.0429605827264 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR022 CaseType=Combination P=-130.937814781319 V2=19.2106691573683 V3=0 T=0 M2=0 M3=-50.4931446434829 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR023 CaseType=Combination P=-128.56740984691 V2=20.0574037898722 V3=0 T=0 M2=0 M3=-40.4745677992575 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR023 CaseType=Combination P=-127.39553484691 V2=25.0259194148722 V3=0 T=0 M2=0 M3=-44.7049892129836 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR024 CaseType=Combination P=-63.8596897804898 V2=13.645082943192 V3=0 T=0 M2=0 M3=-23.4766821516593 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR024 CaseType=Combination P=-62.6878147804898 V2=15.292270443192 V3=0 T=0 M2=0 M3=-26.1921664535078 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR025 CaseType=Combination P=-60.317409846081 V2=16.1390050756959 V3=0 T=0 M2=0 M3=-16.9082893681904 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR025 CaseType=Combination P=-59.145534846081 V2=21.1075207006959 V3=0 T=0 M2=0 M3=-20.4040110230084 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR026 CaseType=Combination P=-61.4013401563587 V2=7.03635086740691 V3=0 T=0 M2=0 M3=-22.8629025009779 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR026 CaseType=Combination P=-60.2294651563587 V2=8.68353836740691 V3=0 T=0 M2=0 M3=-24.3392495386167 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR027 CaseType=Combination P=-129.651340157188 V2=10.9547495815832 V3=0 T=0 M2=0 M3=-46.429180932045 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR027 CaseType=Combination P=-128.479465157188 V2=12.6019370815832 V3=0 T=0 M2=0 M3=-48.6402277285918 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR028 CaseType=Combination P=-133.193620091488 V2=18.9408592210429 V3=0 T=0 M2=0 M3=-50.5207288570811 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR028 CaseType=Combination P=-132.021745091488 V2=20.5880467210429 V3=0 T=0 M2=0 M3=-54.2291712110267 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR029 CaseType=Combination P=-129.651340157079 V2=21.4347813535469 V3=0 T=0 M2=0 M3=-43.9523360736123 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR029 CaseType=Combination P=-128.479465157079 V2=26.4032969785469 V3=0 T=0 M2=0 M3=-48.4410157805273 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR030 CaseType=Combination P=-64.9436200906583 V2=15.0224605068667 V3=0 T=0 M2=0 M3=-26.9544504260141 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR030 CaseType=Combination P=-63.7717450906583 V2=16.6696480068667 V3=0 T=0 M2=0 M3=-29.9281930210516 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR031 CaseType=Combination P=-61.4013401562496 V2=17.5163826393706 V3=0 T=0 M2=0 M3=-20.3860576425452 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR031 CaseType=Combination P=-60.2294651562496 V2=22.4848982643706 V3=0 T=0 M2=0 M3=-24.1400375905522 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR032 CaseType=Combination P=-60.8593750012737 V2=4.73196953110327 V3=0 T=0 M2=0 M3=-20.2047138862308 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR032 CaseType=Combination P=-59.6875000012737 V2=6.37915703110327 V3=0 T=0 M2=0 M3=-21.2489894233127 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR033 CaseType=Combination P=-129.109375002103 V2=8.65036824527954 V3=0 T=0 M2=0 M3=-43.7709923172979 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR033 CaseType=Combination P=-127.937500002103 V2=10.2975557452795 V3=0 T=0 M2=0 M3=-45.5499676132878 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR034 CaseType=Combination P=-132.651654936403 V2=16.6364778847393 V3=0 T=0 M2=0 M3=-47.862540242334 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR034 CaseType=Combination P=-131.479779936403 V2=18.2836653847393 V3=0 T=0 M2=0 M3=-51.1389110957226 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR035 CaseType=Combination P=-129.109375001994 V2=19.1304000172432 V3=0 T=0 M2=0 M3=-41.2941474588652 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR035 CaseType=Combination P=-127.937500001994 V2=24.0989156422432 V3=0 T=0 M2=0 M3=-45.3507556652233 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR036 CaseType=Combination P=-64.4016549355733 V2=12.718079170563 V3=0 T=0 M2=0 M3=-24.296261811267 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR036 CaseType=Combination P=-63.2297799355733 V2=14.365266670563 V3=0 T=0 M2=0 M3=-26.8379329057475 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR037 CaseType=Combination P=-60.8593750011646 V2=15.212001303067 V3=0 T=0 M2=0 M3=-17.7278690277981 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR037 CaseType=Combination P=-59.6875000011646 V2=20.180516928067 V3=0 T=0 M2=0 M3=-21.0497774752481 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR038 CaseType=Combination P=-60.8593750012722 V2=1.13911097510262 V3=0 T=0 M2=0 M3=-18.1604320402359 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR038 CaseType=Combination P=-59.6875000012722 V2=2.78629847510262 V3=0 T=0 M2=0 M3=-18.5310465980677 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR039 CaseType=Combination P=-151.859375002379 V2=7.40535281609771 V3=0 T=0 M2=0 M3=-50.1748538797049 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR039 CaseType=Combination P=-150.687500002379 V2=9.05254031609771 V3=0 T=0 M2=0 M3=-51.7203887827233 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR040 CaseType=Combination P=-156.187930701256 V2=17.1413985135688 V3=0 T=0 M2=0 M3=-55.170887893409 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR040 CaseType=Combination P=-155.016055701256 V2=18.7885860135688 V3=0 T=0 M2=0 M3=-58.5419313647031 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR041 CaseType=Combination P=-151.85937500224 V2=20.0808817026511 V3=0 T=0 M2=0 M3=-47.1559062533136 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR041 CaseType=Combination P=-150.68750000224 V2=25.8296317026511 V3=0 T=0 M2=0 M3=-51.4637668850607 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR042 CaseType=Combination P=-65.1879307001502 V2=11.9168668946671 V3=0 T=0 M2=0 M3=-23.7491833186529 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR042 CaseType=Combination P=-64.0160557001502 V2=13.5640543946671 V3=0 T=0 M2=0 M3=-26.140627111403 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR043 CaseType=Combination P=-60.8593750011344 V2=14.8563500837494 V3=0 T=0 M2=0 M3=-15.7342016785575 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR043 CaseType=Combination P=-59.6875000011344 V2=20.6051000837494 V3=0 T=0 M2=0 M3=-19.0624626317605 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR044 CaseType=Combination P=-137.616539892594 V2=23.0228295530439 V3=0 T=0 M2=0 M3=-51.6859449636719 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR044 CaseType=Combination P=-136.444664892594 V2=24.6700170530439 V3=0 T=0 M2=0 M3=-56.1597567548677 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR045 CaseType=Combination P=-129.109375002102 V2=5.05750968927889 V3=0 T=0 M2=0 M3=-41.726710471303 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR045 CaseType=Combination P=-127.937500002102 V2=6.70469718927889 V3=0 T=0 M2=0 M3=-42.8320247880428 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR046 CaseType=Combination P=-132.651654936401 V2=13.0436193287387 V3=0 T=0 M2=0 M3=-45.8182583963391 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR046 CaseType=Combination P=-131.479779936401 V2=14.6908068287387 V3=0 T=0 M2=0 M3=-48.4209682704776 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR047 CaseType=Combination P=-129.109375001992 V2=15.5375414612426 V3=0 T=0 M2=0 M3=-39.2498656128702 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR047 CaseType=Combination P=-127.937500001992 V2=20.5060570862426 V3=0 T=0 M2=0 M3=-42.6328128399782 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR048 CaseType=Combination P=-64.4016549355717 V2=9.12522061456238 V3=0 T=0 M2=0 M3=-22.251979965272 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR048 CaseType=Combination P=-63.2297799355717 V2=10.7724081145624 V3=0 T=0 M2=0 M3=-24.1199900805025 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR049 CaseType=Combination P=-60.859375001163 V2=11.6191427470663 V3=0 T=0 M2=0 M3=-15.6835871818032 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR049 CaseType=Combination P=-59.687500001163 V2=16.5876583720663 V3=0 T=0 M2=0 M3=-18.3318346500031 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR050 CaseType=Combination P=-60.3174098461879 V2=0.450422193265283 V3=0 T=0 M2=0 M3=-16.4215479030585 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR050 CaseType=Combination P=-59.1455348461879 V2=2.09760969326528 V3=0 T=0 M2=0 M3=-16.6630333142958 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR051 CaseType=Combination P=-128.567409847017 V2=4.36882090744155 V3=0 T=0 M2=0 M3=-39.9878263341256 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR051 CaseType=Combination P=-127.395534847017 V2=6.01600840744155 V3=0 T=0 M2=0 M3=-40.9640115042709 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR052 CaseType=Combination P=-132.109689781317 V2=12.3549305469013 V3=0 T=0 M2=0 M3=-44.0793742591618 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR052 CaseType=Combination P=-130.937814781317 V2=14.0021180469013 V3=0 T=0 M2=0 M3=-46.5529549867058 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR053 CaseType=Combination P=-128.567409846908 V2=14.8488526794052 V3=0 T=0 M2=0 M3=-37.5109814756929 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR053 CaseType=Combination P=-127.395534846908 V2=19.8173683044053 V3=0 T=0 M2=0 M3=-40.7647995562064 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR054 CaseType=Combination P=-63.8596897804875 V2=8.43653183272504 V3=0 T=0 M2=0 M3=-20.5130958280947 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR054 CaseType=Combination P=-62.6878147804875 V2=10.083719332725 V3=0 T=0 M2=0 M3=-22.2519767967306 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR055 CaseType=Combination P=-60.3174098460788 V2=10.930453965229 V3=0 T=0 M2=0 M3=-13.9447030446258 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR055 CaseType=Combination P=-59.1455348460788 V2=15.898969590229 V3=0 T=0 M2=0 M3=-16.4638213662312 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR056 CaseType=Combination P=-61.4013401563564 V2=1.82779975693997 V3=0 T=0 M2=0 M3=-19.8993161774133 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR056 CaseType=Combination P=-60.2294651563564 V2=3.47498725693997 V3=0 T=0 M2=0 M3=-20.3990598818395 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR057 CaseType=Combination P=-129.651340157186 V2=5.74619847111624 V3=0 T=0 M2=0 M3=-43.4655946084804 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR057 CaseType=Combination P=-128.479465157186 V2=7.39338597111624 V3=0 T=0 M2=0 M3=-44.7000380718146 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR058 CaseType=Combination P=-133.193620091485 V2=13.732308110576 V3=0 T=0 M2=0 M3=-47.5571425335165 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR058 CaseType=Combination P=-132.021745091485 V2=15.379495610576 V3=0 T=0 M2=0 M3=-50.2889815542495 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR059 CaseType=Combination P=-129.651340157077 V2=16.2262302430799 V3=0 T=0 M2=0 M3=-40.9887497500476 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR059 CaseType=Combination P=-128.479465157077 V2=21.1947458680799 V3=0 T=0 M2=0 M3=-44.5008261237501 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR060 CaseType=Combination P=-64.943620090656 V2=9.81390939639972 V3=0 T=0 M2=0 M3=-23.9908641024494 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR060 CaseType=Combination P=-63.771745090656 V2=11.4610968963997 V3=0 T=0 M2=0 M3=-25.9880033642744 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR061 CaseType=Combination P=-61.4013401562473 V2=12.3078315289037 V3=0 T=0 M2=0 M3=-17.4224713189805 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR061 CaseType=Combination P=-60.2294651562473 V2=17.2763471539037 V3=0 T=0 M2=0 M3=-20.199847933775 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR062 CaseType=Combination P=-60.8593750012715 V2=0.476581579363671 V3=0 T=0 M2=0 M3=-17.2411275626662 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR062 CaseType=Combination P=-59.6875000012715 V2=1.17060592063633 V3=0 T=0 M2=0 M3=-17.3087997665355 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR063 CaseType=Combination P=-129.109375002101 V2=3.4418171348126 V3=0 T=0 M2=0 M3=-40.8074059937333 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR063 CaseType=Combination P=-127.937500002101 V2=5.0890046348126 V3=0 T=0 M2=0 M3=-41.6097779565106 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR064 CaseType=Combination P=-132.651654936401 V2=11.4279267742724 V3=0 T=0 M2=0 M3=-44.8989539187694 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR064 CaseType=Combination P=-131.479779936401 V2=13.0751142742724 V3=0 T=0 M2=0 M3=-47.1987214389455 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR065 CaseType=Combination P=-129.109375001992 V2=13.9218489067763 V3=0 T=0 M2=0 M3=-38.3305611353005 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR065 CaseType=Combination P=-127.937500001992 V2=18.8903645317763 V3=0 T=0 M2=0 M3=-41.4105660084461 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR066 CaseType=Combination P=-64.4016549355711 V2=7.50952806009609 V3=0 T=0 M2=0 M3=-21.3326754877023 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR066 CaseType=Combination P=-63.2297799355711 V2=9.15671556009608 V3=0 T=0 M2=0 M3=-22.8977432489703 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR067 CaseType=Combination P=-60.8593750011623 V2=10.0034501926 V3=0 T=0 M2=0 M3=-14.7642827042334 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR067 CaseType=Combination P=-59.6875000011623 V2=14.9719658176 V3=0 T=0 M2=0 M3=-17.1095878184709 FrameElem=3-1  
ElemStation=0.1875

PROVA SDR

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Frame=3 Station=0 OutputCase=RAR068 CaseType=Combination P=-59.9560997427995 V2=2.59557189394053 V3=0 T=0 M2=0 M3=-16.7440849733893 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR068 CaseType=Combination P=-58.7842247427995 V2=4.24275939394053 V3=0 T=0 M2=0 M3=-17.3878759535031 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR069 CaseType=Combination P=-151.317409847295 V2=8.27922936740045 V3=0 T=0 M2=0 M3=-49.325045639597 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR069 CaseType=Combination P=-150.145534847295 V2=9.92641686740045 V3=0 T=0 M2=0 M3=-51.0344323959845 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR070 CaseType=Combination P=-155.645965546173 V2=18.0152750648716 V3=0 T=0 M2=0 M3=-54.321079653301 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR070 CaseType=Combination P=-154.474090546173 V2=19.6624625648716 V3=0 T=0 M2=0 M3=-57.8559749779644 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR071 CaseType=Combination P=-151.317409847157 V2=20.9547582539538 V3=0 T=0 M2=0 M3=-46.3060980132057 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR071 CaseType=Combination P=-150.145534847157 V2=26.7035082539538 V3=0 T=0 M2=0 M3=-50.777810498322 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR072 CaseType=Combination P=-64.6459655450666 V2=12.7907434459699 V3=0 T=0 M2=0 M3=-22.8993750785449 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR072 CaseType=Combination P=-63.4740905450666 V2=14.4379309459699 V3=0 T=0 M2=0 M3=-25.4546707246643 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR073 CaseType=Combination P=-60.3174098460508 V2=15.7302266350521 V3=0 T=0 M2=0 M3=-14.8843934384496 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR073 CaseType=Combination P=-59.1455348460508 V2=21.4789766350521 V3=0 T=0 M2=0 M3=-18.3765062450218 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR074 CaseType=Combination P=-137.074574737511 V2=23.8967061043467 V3=0 T=0 M2=0 M3=-50.8361367235639 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR074 CaseType=Combination P=-135.902699737511 V2=25.5438936043467 V3=0 T=0 M2=0 M3=-55.4738003681289 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR075 CaseType=Combination P=-128.206099743629 V2=6.5139706801168 V3=0 T=0 M2=0 M3=-40.3103634044564 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR075 CaseType=Combination P=-127.034224743629 V2=8.1611581081168 V3=0 T=0 M2=0 M3=-41.6887641434783 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR076 CaseType=Combination P=-131.748379677929 V2=14.5000802475766 V3=0 T=0 M2=0 M3=-44.4019113294925 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR076 CaseType=Combination P=-130.576504677929 V2=16.1472677475766 V3=0 T=0 M2=0 M3=-47.277076259131 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR077 CaseType=Combination P=-128.20609974352 V2=16.994023800805 V3=0 T=0 M2=0 M3=-37.8335185460236 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR077 CaseType=Combination P=-127.03422474352 V2=21.9625180050805 V3=0 T=0 M2=0 M3=-41.4895521954137 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR078 CaseType=Combination P=-63.4983796770991 V2=10.5816815334003 V3=0 T=0 M2=0 M3=-20.8356328984254 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR078 CaseType=Combination P=-62.3265046770991 V2=12.2288690334003 V3=0 T=0 M2=0 M3=-22.976729435938 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR079 CaseType=Combination P=-59.9560997426904 V2=13.0756036659042 V3=0 T=0 M2=0 M3=-14.2672401149565 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR079 CaseType=Combination P=-58.7842247426904 V2=18.0441192909042 V3=0 T=0 M2=0 M3=-17.1885740054386 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR080 CaseType=Combination P=-59.9560997428002 V2=4.15813722708061 V3=0 T=0 M2=0 M3=-17.6331608704587 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR080 CaseType=Combination P=-58.7842247428002 V2=5.80532472708061 V3=0 T=0 M2=0 M3=-18.5698428505363 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR081 CaseType=Combination P=-128.20609974363 V2=8.07653594125688 V3=0 T=0 M2=0 M3=-41.1994393015258 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR081 CaseType=Combination P=-127.03422474363 V2=9.72372344125688 V3=0 T=0 M2=0 M3=-42.8708210405114 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR082 CaseType=Combination P=-131.748379677929 V2=16.0626455807166 V3=0 T=0 M2=0 M3=-45.2909872265619 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR082 CaseType=Combination P=-130.576504677929 V2=17.7098330807166 V3=0 T=0 M2=0 M3=-48.4597645229463 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR083 CaseType=Combination P=-128.206099743521 V2=18.5565677132206 V3=0 T=0 M2=0 M3=-38.722594443093 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR083 CaseType=Combination P=-127.034224743521 V2=23.5250833382206 V3=0 T=0 M2=0 M3=-42.6716090924469 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR084 CaseType=Combination P=-63.4983796770998 V2=12.1442468665404 V3=0 T=0 M2=0 M3=-21.7247087954948 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR084 CaseType=Combination P=-62.3265046770998 V2=13.7914343665404 V3=0 T=0 M2=0 M3=-24.1587863329711 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR085 CaseType=Combination P=-59.9560997426911 V2=14.6381689990443 V3=0 T=0 M2=0 M3=-15.1563160120259 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR085 CaseType=Combination P=-58.7842247426911 V2=19.6066846240443 V3=0 T=0 M2=0 M3=-18.3706309024717 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR086 CaseType=Combination P=-59.9560997427988 V2=1.03300656080044 V3=0 T=0 M2=0 M3=-15.8550090763199 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR086 CaseType=Combination P=-58.7842247427988 V2=2.68019406080044 V3=0 T=0 M2=0 M3=-16.20572905647 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR087 CaseType=Combination P=-128.206099743628 V2=4.95140527497671 V3=0 T=0 M2=0 M3=-39.421287507387 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR087 CaseType=Combination P=-127.034224743628 V2=6.59859277497671 V3=0 T=0 M2=0 M3=-40.5067072464451 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR088 CaseType=Combination P=-131.748379677928 V2=12.9375149144365 V3=0 T=0 M2=0 M3=-43.5128354324231 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR088 CaseType=Combination P=-130.576504677928 V2=14.5847024144365 V3=0 T=0 M2=0 M3=-46.0956507288799 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR089 CaseType=Combination P=-128.206099743519 V2=15.4314370469404 V3=0 T=0 M2=0 M3=-36.9444426489542 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR089 CaseType=Combination P=-127.034224743519 V2=20.3999526719404 V3=0 T=0 M2=0 M3=-40.3074952983806 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR090 CaseType=Combination P=-63.4983796770984 V2=9.0191162002602 V3=0 T=0 M2=0 M3=-19.946557001356 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR090 CaseType=Combination P=-62.3265046770984 V2=10.6663037002602 V3=0 T=0 M2=0 M3=-21.7946725389048 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR091 CaseType=Combination P=-59.9560997426897 V2=11.5130383327641 V3=0 T=0 M2=0 M3=-13.3781642178872 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR091 CaseType=Combination P=-58.7842247426897 V2=16.4815539577641 V3=0 T=0 M2=0 M3=-16.0065171084054 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR092 CaseType=Combination P=-59.9560997427988 V2=10.979879339474231 V3=0 T=0 M2=0 M3=-15.8247804958196 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR092 CaseType=Combination P=-58.7842247427988 V2=2.62706683947423 V3=0 T=0 M2=0 M3=-16.165539121971 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR093 CaseType=Combination P=-128.206099743628 V2=4.8982780536505 V3=0 T=0 M2=0 M3=-39.3910589268866 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR093 CaseType=Combination P=-127.034224743628 V2=6.545465536505 V3=0 T=0 M2=0 M3=-40.4665173119461 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR094 CaseType=Combination P=-131.748379677928 V2=12.8843876931103 V3=0 T=0 M2=0 M3=-43.4826068519228 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR094 CaseType=Combination P=-130.576504677928 V2=14.5315751931103 V3=0 T=0 M2=0 M3=-46.0554607943809 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR095 CaseType=Combination P=-128.206099743519 V2=15.3783098256142 V3=0 T=0 M2=0 M3=-36.9142140684539 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR095 CaseType=Combination P=-127.034224743519 V2=20.3468254506142 V3=0 T=0 M2=0 M3=-40.2673053638816 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR096 CaseType=Combination P=-63.4983796770984 V2=8.96598897893399 V3=0 T=0 M2=0 M3=-19.9163284208557 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR096 CaseType=Combination P=-62.3265046770984 V2=10.613176478934 V3=0 T=0 M2=0 M3=-21.7544826044058 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR097 CaseType=Combination P=-59.9560997426897 V2=11.4599111114379 V3=0 T=0 M2=0 M3=-13.3479356373868 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR097 CaseType=Combination P=-58.7842247426897 V2=16.4284267364379 V3=0 T=0 M2=0 M3=-15.9663271739064 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR098 CaseType=Combination P=-61.7626502597471 V2=4.89120116673167 V3=0 T=0 M2=0 M3=-22.5403654306472 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR098 CaseType=Combination P=-60.5907752597471 V2=6.53838866673166 V3=0 T=0 M2=0 M3=-23.6144968994094 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR099 CaseType=Combination P=-152.401340157463 V2=9.65660693107513 V3=0 T=0 M2=0 M3=-52.8028139139517 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR099 CaseType=Combination P=-151.229465157463 V2=11.3037944310751 V3=0 T=0 M2=0 M3=-54.7704589635283 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR100 CaseType=Combination P=-156.729895856341 V2=19.3926526285463 V3=0 T=0 M2=0 M3=-57.7988479276557 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR100 CaseType=Combination P=-155.558020856341 V2=21.0398401285463 V3=0 T=0 M2=0 M3=-61.5920015455082 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR101 CaseType=Combination P=-152.401340157325 V2=22.3321358176285 V3=0 T=0 M2=0 M3=-49.7838662875604 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR101 CaseType=Combination P=-151.229465157325 V2=28.0808858176285 V3=0 T=0 M2=0 M3=-54.5138370658657 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR102 CaseType=Combination P=-65.7298958552352 V2=14.1681210096446 V3=0 T=0 M2=0 M3=-26.3771433528996 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR102 CaseType=Combination P=-64.5580208552352 V2=15.8153085096446 V3=0 T=0 M2=0 M3=-29.190697292208 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR103 CaseType=Combination P=-61.4013401562193 V2=17.1076041987268 V3=0 T=0 M2=0 M3=-18.3621617128043 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR103 CaseType=Combination P=-60.2294651562193 V2=22.8563541987268 V3=0 T=0 M2=0 M3=-22.1125328125656 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR104 CaseType=Combination P=-138.158505047679 V2=25.2740836680214 V3=0 T=0 M2=0 M3=-54.3139049979187 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR104 CaseType=Combination P=-136.986630047679 V2=26.9212711680214 V3=0 T=0 M2=0 M3=-59.2098269356727 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR105 CaseType=Combination P=-130.012650260577 V2=8.80959988090794 V3=0 T=0 M2=0 M3=-46.1066438617143 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR105 CaseType=Combination P=-128.840775260577 V2=10.4567873809079 V3=0 T=0 M2=0 M3=-47.9154750893845 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR106 CaseType=Combination P=-133.554930194876 V2=16.7957095203677 V3=0 T=0 M2=0 M3=-50.1981917867504 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR106 CaseType=Combination P=-132.383055194876 V2=18.4428970203677 V3=0 T=0 M2=0 M3=-53.5044185718193 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR107 CaseType=Combination P=-130.012650260467 V2=19.2896316528716 V3=0 T=0 M2=0 M3=-43.6297990032815 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR107 CaseType=Combination P=-128.840775260467 V2=24.2581472778716 V3=0 T=0 M2=0 M3=-47.7162631413199 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR108 CaseType=Combination P=-65.3049301940466 V2=12.8773108061914 V3=0 T=0 M2=0 M3=-26.6319133556833 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR108 CaseType=Combination P=-64.1330551940466 V2=14.5244983061914 V3=0 T=0 M2=0 M3=-29.2034403818442 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR109 CaseType=Combination P=-61.7626502596379 V2=15.3712329386954 V3=0 T=0 M2=0 M3=-20.0635205722144 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR109 CaseType=Combination P=-60.5907752596379 V2=20.3397485636954 V3=0 T=0 M2=0 M3=-23.4152849513448 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR110 CaseType=Combination P=-61.7626502597477 V2=6.45376649987175 V3=0 T=0 M2=0 M3=-23.4294413277166 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR110 CaseType=Combination P=-60.5907752597477 V2=8.10095399987175 V3=0 T=0 M2=0 M3=-24.7965537964425 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR111 CaseType=Combination P=-130.012650260577 V2=10.372165214048 V3=0 T=0 M2=0 M3=-46.9957197587836 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR111 CaseType=Combination P=-128.840775260577 V2=12.019352714048 V3=0 T=0 M2=0 M3=-49.0975319864176 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR112 CaseType=Combination P=-133.554930194877 V2=18.3582748535078 V3=0 T=0 M2=0 M3=-51.0872676838198 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR112 CaseType=Combination P=-132.383055194877 V2=20.0054623535078 V3=0 T=0 M2=0 M3=-54.6864754688525 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR113 CaseType=Combination P=-130.012650260468 V2=20.8521969860117 V3=0 T=0 M2=0 M3=-44.5188749003509 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR113 CaseType=Combination P=-128.840775260468 V2=25.8207126110117 V3=0 T=0 M2=0 M3=-48.8983200383531 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR114 CaseType=Combination P=-65.3049301940473 V2=14.4398761393315 V3=0 T=0 M2=0 M3=-27.5209892527527 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR114 CaseType=Combination P=-64.1330551940473 V2=16.0870636393315 V3=0 T=0 M2=0 M3=-30.3854972788774 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR115 CaseType=Combination P=-61.7626502596386 V2=16.9337982718354 V3=0 T=0 M2=0 M3=-20.9525964692838 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR115 CaseType=Combination P=-60.5907752596386 V2=21.9023138968354 V3=0 T=0 M2=0 M3=-24.597341848378 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR116 CaseType=Combination P=-61.7626502597464 V2=3.32863583359158 V3=0 T=0 M2=0 M3=-21.6512895335778 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR116 CaseType=Combination P=-60.5907752597464 V2=4.97582333359158 V3=0 T=0 M2=0 M3=-22.4324400023762 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR117 CaseType=Combination P=-130.012650260576 V2=7.24703454776785 V3=0 T=0 M2=0 M3=-45.2175679646449 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR117 CaseType=Combination P=-128.840775260576 V2=8.89422204776785 V3=0 T=0 M2=0 M3=-46.7334181923513 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR118 CaseType=Combination P=-133.554930194875 V2=15.2331441872276 V3=0 T=0 M2=0 M3=-49.309115889681 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR118 CaseType=Combination P=-132.383055194875 V2=16.8803316872276 V3=0 T=0 M2=0 M3=-52.3223616747862 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR119 CaseType=Combination P=-130.012650260467 V2=17.7270663197315 V3=0 T=0 M2=0 M3=-42.7407231062121 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR119 CaseType=Combination P=-128.840775260467 V2=22.6955819447316 V3=0 T=0 M2=0 M3=-46.5342062442868 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR120 CaseType=Combination P=-65.304930194046 V2=11.3147454730513 V3=0 T=0 M2=0 M3=-25.7428374586139 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR120 CaseType=Combination P=-64.133055194046 V2=12.9619329730513 V3=0 T=0 M2=0 M3=-28.021383484811 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR121 CaseType=Combination P=-61.7626502596372 V2=13.8086676055553 V3=0 T=0 M2=0 M3=-19.174444675145 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR121 CaseType=Combination P=-60.5907752596372 V2=18.771832305553 V3=0 T=0 M2=0 M3=-22.2332280543117 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR122 CaseType=Combination P=-61.7626502597464 V2=3.27550861226537 V3=0 T=0 M2=0 M3=-21.6210609530775 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR122 CaseType=Combination P=-60.5907752597464 V2=4.92269611226537 V3=0 T=0 M2=0 M3=-22.3922500678772 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR123 CaseType=Combination P=-130.012650260576 V2=7.19390732644164 V3=0 T=0 M2=0 M3=-45.1873393841445 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR123 CaseType=Combination P=-128.840775260576 V2=8.84109482644164 V3=0 T=0 M2=0 M3=-46.6932282578523 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR124 CaseType=Combination P=-133.554930194875 V2=15.1800169659014 V3=0 T=0 M2=0 M3=-49.278873091807 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR124 CaseType=Combination P=-132.383055194875 V2=16.8272044659014 V3=0 T=0 M2=0 M3=-52.2821717402872 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR125 CaseType=Combination P=-130.012650260467 V2=17.6739390984053 V3=0 T=0 M2=0 M3=-42.7104945257118 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR125 CaseType=Combination P=-128.840775260467 V2=22.6424547234053 V3=0 T=0 M2=0 M3=-46.4940163097878 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR126 CaseType=Combination P=-65.304930194046 V2=11.2616182517251 V3=0 T=0 M2=0 M3=-25.7126088781136 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR126 CaseType=Combination P=-64.133055194046 V2=12.9088057517251 V3=0 T=0 M2=0 M3=-27.981193550312 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR127 CaseType=Combination P=-61.7626502596372 V2=13.7555403842291 V3=0 T=0 M2=0 M3=-19.1442160946447 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR127 CaseType=Combination P=-60.5907752596372 V2=18.7240560092291 V3=0 T=0 M2=0 M3=-22.1930381198127 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR128 CaseType=Combination P=-60.8593750012722 V2=1.0505656062256 V3=0 T=0 M2=0 M3=-18.1100510727354 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR128 CaseType=Combination P=-59.6875000012722 V2=2.6977531062256 V3=0 T=0 M2=0 M3=-18.4640633739027 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR129 CaseType=Combination P=-151.859375002379 V2=7.35222559477149 V3=0 T=0 M2=0 M3=-50.1446252992046 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR129 CaseType=Combination P=-150.687500002379 V2=8.99941309477149 V3=0 T=0 M2=0 M3=-51.6801988482243 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR130 CaseType=Combination P=-156.187930701256 V2=17.0882712922426 V3=0 T=0 M2=0 M3=-55.1406593129087 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR130 CaseType=Combination P=-155.016055701256 V2=18.7354587922426 V3=0 T=0 M2=0 M3=-58.5017414302041 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR131 CaseType=Combination P=-151.85937500224 V2=20.0277544813249 V3=0 T=0 M2=0 M3=-47.1256776728133 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR131 CaseType=Combination P=-150.68750000224 V2=25.7765044813249 V3=0 T=0 M2=0 M3=-51.4235769505617 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR132 CaseType=Combination P=-65.1879307001502 V2=11.8637396733409 V3=0 T=0 M2=0 M3=-23.7189547381526 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR132 CaseType=Combination P=-64.0160557001502 V2=13.5109271733409 V3=0 T=0 M2=0 M3=-26.100437176904 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR133 CaseType=Combination P=-60.8593750011344 V2=14.8032228624232 V3=0 T=0 M2=0 M3=-15.7039730980572 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR133 CaseType=Combination P=-59.6875000011344 V2=20.5519728624232 V3=0 T=0 M2=0 M3=-19.0222726972615 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR134 CaseType=Combination P=-137.616539892594 V2=22.9697023317177 V3=0 T=0 M2=0 M3=-51.6557163831716 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR134 CaseType=Combination P=-136.444664892594 V2=24.6168898317177 V3=0 T=0 M2=0 M3=-56.1195668203686 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR135 CaseType=Combination P=-129.109375002102 V2=4.96896432040187 V3=0 T=0 M2=0 M3=-41.6763295038024 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR135 CaseType=Combination P=-127.937500002102 V2=6.61615182040187 V3=0 T=0 M2=0 M3=-42.7650415638778 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR136 CaseType=Combination P=-132.651654936401 V2=12.9550739598616 V3=0 T=0 M2=0 M3=-45.7678774288386 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR136 CaseType=Combination P=-131.479779936401 V2=14.6022614598616 V3=0 T=0 M2=0 M3=-48.3539850463126 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR137 CaseType=Combination P=-129.109375001992 V2=15.4489960923656 V3=0 T=0 M2=0 M3=-39.1994846453697 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR137 CaseType=Combination P=-127.937500001992 V2=20.4175117173656 V3=0 T=0 M2=0 M3=-42.5658296158132 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR138 CaseType=Combination P=-64.4016549355717 V2=9.03667524568536 V3=0 T=0 M2=0 M3=-22.2015989977715 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR138 CaseType=Combination P=-63.2297799355717 V2=10.6838627456854 V3=0 T=0 M2=0 M3=-24.0530068563375 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR139 CaseType=Combination P=-60.859375001163 V2=11.5305973781893 V3=0 T=0 M2=0 M3=-15.6332062143026 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR139 CaseType=Combination P=-59.687500001163 V2=16.4991130031893 V3=0 T=0 M2=0 M3=-18.2648514258381 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR140 CaseType=Combination P=-60.8593750012728 V2=2.61313093936569 V3=0 T=0 M2=0 M3=-18.9991269698047 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR140 CaseType=Combination P=-59.6875000012728 V2=4.26031843936569 V3=0 T=0 M2=0 M3=-19.6461202709358 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR141 CaseType=Combination P=-129.109375002102 V2=6.53152965354196 V3=0 T=0 M2=0 M3=-42.5654054008718 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR141 CaseType=Combination P=-127.937500002102 V2=8.17871715354195 V3=0 T=0 M2=0 M3=-43.9470984609109 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR142 CaseType=Combination P=-132.651654936402 V2=14.5176392930017 V3=0 T=0 M2=0 M3=-46.656953325908 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR142 CaseType=Combination P=-131.479779936402 V2=16.1648267930017 V3=0 T=0 M2=0 M3=-49.5360419433458 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR143 CaseType=Combination P=-129.109375001993 V2=17.0115614255057 V3=0 T=0 M2=0 M3=-40.0885605424391 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR143 CaseType=Combination P=-127.937500001993 V2=21.9800770505057 V3=0 T=0 M2=0 M3=-43.7478865128464 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR144 CaseType=Combination P=-64.4016549355724 V2=10.5992405788254 V3=0 T=0 M2=0 M3=-23.0906748948409 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR144 CaseType=Combination P=-63.2297799355724 V2=12.2464280788254 V3=0 T=0 M2=0 M3=-25.2350637533707 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR145 CaseType=Combination P=-60.8593750011637 V2=13.0931627113294 V3=0 T=0 M2=0 M3=-16.522282111372 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR145 CaseType=Combination P=-59.6875000011637 V2=18.0616783363294 V3=0 T=0 M2=0 M3=-19.4469083228713 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR146 CaseType=Combination P=-60.8593750012715 V2=-0.511999726914479 V3=0 T=0 M2=0 M3=-17.220975175666 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR146 CaseType=Combination P=-59.6875000012715 V2=1.1351877308552 V3=0 T=0 M2=0 M3=-17.2820064768695 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR147 CaseType=Combination P=-129.109375002101 V2=3.40639898726179 V3=0 T=0 M2=0 M3=-40.787253606733 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR147 CaseType=Combination P=-127.937500002101 V2=5.05358648726179 V3=0 T=0 M2=0 M3=-41.5829846668446 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=RAR148 CaseType=Combination P=-132.651654936401 V2=11.3925086267215 V3=0 T=0 M2=0 M3=-44.8788015317692 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR148 CaseType=Combination P=-131.479779936401 V2=13.0396961267215 V3=0 T=0 M2=0 M3=-47.1719281492795 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR149 CaseType=Combination P=-129.109375001992 V2=13.8864307592255 V3=0 T=0 M2=0 M3=-38.3104087483003 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR149 CaseType=Combination P=-127.937500001992 V2=18.8549463842255 V3=0 T=0 M2=0 M3=-41.3837727187801 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR150 CaseType=Combination P=-64.4016549355711 V2=7.47410991254528 V3=0 T=0 M2=0 M3=-21.3125231007021 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR150 CaseType=Combination P=-63.2297799355711 V2=9.12129741254528 V3=0 T=0 M2=0 M3=-22.8709499593043 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR151 CaseType=Combination P=-60.8593750011623 V2=9.96803204504922 V3=0 T=0 M2=0 M3=-14.7441303172332 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR151 CaseType=Combination P=-59.6875000011623 V2=14.9365476700492 V3=0 T=0 M2=0 M3=-17.0827945288049 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR152 CaseType=Combination P=-60.3174098461879 V2=0.361876824388262 V3=0 T=0 M2=0 M3=-16.371166935558 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR152 CaseType=Combination P=-59.1455348461879 V2=2.00906432438826 V3=0 T=0 M2=0 M3=-16.5960500901308 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR153 CaseType=Combination P=-128.567409847017 V2=4.28027553856453 V3=0 T=0 M2=0 M3=-39.9374453666251 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR153 CaseType=Combination P=-127.395534847017 V2=5.92746303856453 V3=0 T=0 M2=0 M3=-40.8970282801059 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR154 CaseType=Combination P=-132.109689781317 V2=12.2663851780243 V3=0 T=0 M2=0 M3=-44.0289932916612 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR154 CaseType=Combination P=-130.937814781317 V2=13.9135726780243 V3=0 T=0 M2=0 M3=-46.4859717625408 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR155 CaseType=Combination P=-128.567409846908 V2=14.7603073105282 V3=0 T=0 M2=0 M3=-37.4606005081923 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR155 CaseType=Combination P=-127.395534846908 V2=19.7288229355282 V3=0 T=0 M2=0 M3=-40.6978163320414 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR156 CaseType=Combination P=-63.8596897804875 V2=8.34798646384802 V3=0 T=0 M2=0 M3=-20.4627148605941 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR156 CaseType=Combination P=-62.6878147804875 V2=9.99517396384802 V3=0 T=0 M2=0 M3=-22.1849935725656 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR157 CaseType=Combination P=-60.3174098460788 V2=10.841908596352 V3=0 T=0 M2=0 M3=-13.8943220771252 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR157 CaseType=Combination P=-59.1455348460788 V2=15.810424221352 V3=0 T=0 M2=0 M3=-16.3968381420662 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR158 CaseType=Combination P=-61.4013401563564 V2=1.73925438806295 V3=0 T=0 M2=0 M3=-19.8489352099127 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR158 CaseType=Combination P=-60.2294651563564 V2=3.38644188806294 V3=0 T=0 M2=0 M3=-20.3320766576745 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR159 CaseType=Combination P=-129.651340157186 V2=5.65765310223922 V3=0 T=0 M2=0 M3=-43.4152136409798 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR159 CaseType=Combination P=-128.479465157186 V2=7.30484060223922 V3=0 T=0 M2=0 M3=-44.6330548476496 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR160 CaseType=Combination P=-133.193620091485 V2=13.643762741699 V3=0 T=0 M2=0 M3=-47.5067615660159 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR160 CaseType=Combination P=-132.021745091485 V2=15.290950241699 V3=0 T=0 M2=0 M3=-50.2219983300845 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR161 CaseType=Combination P=-129.651340157077 V2=16.1376848742029 V3=0 T=0 M2=0 M3=-40.9383687825471 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR161 CaseType=Combination P=-128.479465157077 V2=21.1062004992029 V3=0 T=0 M2=0 M3=-44.4338428995851 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR162 CaseType=Combination P=-64.943620090656 V2=9.7253640275227 V3=0 T=0 M2=0 M3=-23.9404831349489 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR162 CaseType=Combination P=-63.771745090656 V2=11.3725515275227 V3=0 T=0 M2=0 M3=-25.9210201401094 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=RAR163 CaseType=Combination P=-61.4013401562473 V2=12.2192861600266 V3=0 T=0 M2=0 M3=-17.37209035148 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=RAR163 CaseType=Combination P=-60.2294651562473 V2=17.1878017850266 V3=0 T=0 M2=0 M3=-20.13286470961 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-59.9560997426897 V2=26.1479602193241 V3=0 T=0 M2=0 M3=-13.3479356373868 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVRAR CaseType=Combination StepType=Max P=-58.7842247426897 V2=28.9547623689312 V3=0 T=0 M2=0 M3=-15.9663271739064 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-156.729895856341 V2=-0.511999726914479 V3=0 T=0 M2=0 M3=-57.7988479276557 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVRAR CaseType=Combination StepType=Min P=-155.558020856341 V2=1.13518777308552 V3=0 T=0 M2=0 M3=-61.5920015455082 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE01 CaseType=Combination P=-60.8593750012515 V2=7.63692695853078 V3=0 T=0 M2=0 M3=-18.7916886474612 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE01 CaseType=Combination P=-59.6875000012515 V2=10.2647394585308 V3=0 T=0 M2=0 M3=-20.4741593271857 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE02 CaseType=Combination P=-129.109375002103 V2=7.66178524451237 V3=0 T=0 M2=0 M3=-43.2085066330853 FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE02 CaseType=Combination P=-127.937500002103 V2=9.30897274451237 V3=0 T=0 M2=0 M3=-44.8021196164314 FrameElem=3-1 ElemStation=0.1875

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Frame=3 Station=0 OutputCase=FRE03 CaseType=Combination P=-132.651654936402 V2=15.6478948839721 V3=0 T=0 M2=0 M3=-47.3000515581214 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE03 CaseType=Combination P=-131.479779936402 V2=17.2950823839721 V3=0 T=0 M2=0 M3=-50.3910630988662 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE04 CaseType=Combination P=-129.109375001994 V2=18.1418170164761 V3=0 T=0 M2=0 M3=-40.7316587746526 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE04 CaseType=Combination P=-127.937500001994 V2=23.1103326414761 V3=0 T=0 M2=0 M3=-44.6029076683668 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE05 CaseType=Combination P=-64.4016549355729 V2=11.7294961697959 V3=0 T=0 M2=0 M3=-23.7337731270544 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE05 CaseType=Combination P=-63.2297799355729 V2=13.3766836697959 V3=0 T=0 M2=0 M3=-26.0900849088911 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE06 CaseType=Combination P=-60.8593750011642 V2=14.2234183022998 V3=0 T=0 M2=0 M3=-17.1653803435855 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE06 CaseType=Combination P=-59.6875000011642 V2=19.1919339272998 V3=0 T=0 M2=0 M3=-20.3019294783917 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE07 CaseType=Combination P=-60.859375001274 V2=5.30595186347618 V3=0 T=0 M2=0 M3=-20.5313010990876 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE07 CaseType=Combination P=-59.687500001274 V2=6.95313936347618 V3=0 T=0 M2=0 M3=-21.6831983234894 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE08 CaseType=Combination P=-129.109375002103 V2=8.9639230221291 V3=0 T=0 M2=0 M3=-43.9494002139765 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE08 CaseType=Combination P=-127.937500002103 V2=10.6111105221291 V3=0 T=0 M2=0 M3=-45.7871670306257 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE09 CaseType=Combination P=-132.651654936403 V2=16.9500326615889 V3=0 T=0 M2=0 M3=-48.0409481390126 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE09 CaseType=Combination P=-131.479779936403 V2=18.5972201615889 V3=0 T=0 M2=0 M3=-51.3761105130605 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE10 CaseType=Combination P=-129.109375001994 V2=19.4439547940928 V3=0 T=0 M2=0 M3=-41.4725553555437 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE10 CaseType=Combination P=-127.937500001994 V2=24.4124704190928 V3=0 T=0 M2=0 M3=-45.5879550825611 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE11 CaseType=Combination P=-64.4016549355734 V2=13.0316339474126 V3=0 T=0 M2=0 M3=-24.4746697079455 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE11 CaseType=Combination P=-63.2297799355734 V2=14.6788214474126 V3=0 T=0 M2=0 M3=-27.0751323230854 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE12 CaseType=Combination P=-60.8593750011647 V2=15.525560799165 V3=0 T=0 M2=0 M3=-17.9062769244767 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE12 CaseType=Combination P=-59.6875000011647 V2=20.4940717049165 V3=0 T=0 M2=0 M3=-21.286976892586 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE13 CaseType=Combination P=-60.4077373720371 V2=4.73204454527839 V3=0 T=0 M2=0 M3=-19.0822309847732 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE13 CaseType=Combination P=-59.2358623720371 V2=6.37923204527839 V3=0 T=0 M2=0 M3=-20.1265205870128 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE14 CaseType=Combination P=-61.3110126305109 V2=5.87985918167396 V3=0 T=0 M2=0 M3=-21.9803712134021 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE14 CaseType=Combination P=-60.1391376305109 V2=7.52704668167396 V3=0 T=0 M2=0 M3=-23.239876059966 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE15 CaseType=Combination P=-60.8593750012734 V2=3.95954140142093 V3=0 T=0 M2=0 M3=-19.7652140344462 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE15 CaseType=Combination P=-59.6875000012734 V2=5.60672890142093 V3=0 T=0 M2=0 M3=-20.6646592972126 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE16 CaseType=Combination P=-60.8593750012726 V2=2.18082119719601 V3=0 T=0 M2=0 M3=-18.7531493049488 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE16 CaseType=Combination P=-59.6875000012726 V2=3.82800869719601 V3=0 T=0 M2=0 M3=-19.3190845294231 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE17 CaseType=Combination P=-129.109375002102 V2=6.35964746689563 V3=0 T=0 M2=0 M3=-42.4676070521941 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE17 CaseType=Combination P=-127.937500002102 V2=8.00683496689563 V3=0 T=0 M2=0 M3=-43.8170722022371 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE18 CaseType=Combination P=-132.651654936402 V2=14.3457571063554 V3=0 T=0 M2=0 M3=-46.5591549772303 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE18 CaseType=Combination P=-131.479779936402 V2=15.9929446063554 V3=0 T=0 M2=0 M3=-49.4060156846719 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE19 CaseType=Combination P=-129.109375001993 V2=16.8396792388593 V3=0 T=0 M2=0 M3=-39.9907621937614 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE19 CaseType=Combination P=-127.937500001993 V2=21.8081948638593 V3=0 T=0 M2=0 M3=-43.6178602541725 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE20 CaseType=Combination P=-64.4016549355723 V2=10.4273583921791 V3=0 T=0 M2=0 M3=-22.9928765461632 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE20 CaseType=Combination P=-63.2297799355723 V2=12.0745458921791 V3=0 T=0 M2=0 M3=-25.1050374946968 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE21 CaseType=Combination P=-60.8593750011636 V2=12.9212805246831 V3=0 T=0 M2=0 M3=-16.4244837626943 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE21 CaseType=Combination P=-59.6875000011636 V2=17.8897961496831 V3=0 T=0 M2=0 M3=-19.3168820641974 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE22 CaseType=Combination P=-60.4077373720357 V2=1.60691387899823 V3=0 T=0 M2=0 M3=-17.3040791906344 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE22 CaseType=Combination P=-59.2358623720357 V2=3.25410137899823 V3=0 T=0 M2=0 M3=-17.7624067929465 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=FRE23 CaseType=Combination P=-61.3110126305095 V2=2.7547285153938 V3=0 T=0 M2=0 M3=-20.2022194192633 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE23 CaseType=Combination P=-60.1391376305095 V2=4.4019160153938 V3=0 T=0 M2=0 M3=-20.8757622658996 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE24 CaseType=Combination P=-60.859375001272 V2=0.834410735140767 V3=0 T=0 M2=0 M3=-17.9870622403074 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE24 CaseType=Combination P=-59.687500001272 V2=2.48159823514077 V3=0 T=0 M2=0 M3=-18.3005455031463 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE25 CaseType=Combination P=-60.317409846189 V2=3.05469774849875 V3=0 T=0 M2=0 M3=-17.9033410648409 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE25 CaseType=Combination P=-59.145534846189 V2=4.70188524849875 V3=0 T=0 M2=0 M3=-18.6331281426844 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE26 CaseType=Combination P=-128.657737372866 V2=7.08787792631458 V3=0 T=0 M2=0 M3=-41.7594335187708 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE26 CaseType=Combination P=-127.485862372866 V2=8.73506542631458 V3=0 T=0 M2=0 M3=-43.2454418799548 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE27 CaseType=Combination P=-132.200017307165 V2=15.0739875657743 V3=0 T=0 M2=0 M3=-45.850981443807 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE27 CaseType=Combination P=-131.028142307165 V2=16.7211750657743 V3=0 T=0 M2=0 M3=-48.8343853623897 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE28 CaseType=Combination P=-128.657737372757 V2=17.5679096982783 V3=0 T=0 M2=0 M3=-39.2825886603381 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE28 CaseType=Combination P=-127.485862372757 V2=22.5364253232783 V3=0 T=0 M2=0 M3=-43.0462299318903 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE29 CaseType=Combination P=-63.950017306336 V2=11.1555888515981 V3=0 T=0 M2=0 M3=-22.2847030127399 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE29 CaseType=Combination P=-62.778142306336 V2=12.8027763515981 V3=0 T=0 M2=0 M3=-24.5334071724145 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE30 CaseType=Combination P=-60.4077373719273 V2=13.649510984102 V3=0 T=0 M2=0 M3=-15.716310229271 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE30 CaseType=Combination P=-59.2358623719273 V2=18.618026609102 V3=0 T=0 M2=0 M3=-18.7452517419151 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE31 CaseType=Combination P=-60.3174098461896 V2=4.35683552611549 V3=0 T=0 M2=0 M3=-18.644237645732 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE31 CaseType=Combination P=-59.1455348461896 V2=6.00420320611549 V3=0 T=0 M2=0 M3=-19.6181755568787 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE32 CaseType=Combination P=-60.3174098461885 V2=1.75255997088202 V3=0 T=0 M2=0 M3=-17.1624444839497 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE32 CaseType=Combination P=-59.1455348461885 V2=3.39974747088202 V3=0 T=0 M2=0 M3=-17.6480807284901 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE33 CaseType=Combination P=-60.3174098461885 V2=1.70828728644351 V3=0 T=0 M2=0 M3=-17.1372540001994 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE33 CaseType=Combination P=-59.1455348461885 V2=3.35547478644351 V3=0 T=0 M2=0 M3=-17.6145891164076 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE34 CaseType=Combination P=-61.4013401563576 V2=4.43207531217344 V3=0 T=0 M2=0 M3=-21.3811093391956 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE34 CaseType=Combination P=-60.2294651563576 V2=6.07926281217344 V3=0 T=0 M2=0 M3=-22.3691547102281 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE35 CaseType=Combination P=-129.56101263134 V2=8.23569256271015 V3=0 T=0 M2=0 M3=-44.6575737473998 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE35 CaseType=Combination P=-128.38913763134 V2=9.88288006271015 V3=0 T=0 M2=0 M3=-46.3587973529079 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE36 CaseType=Combination P=-133.103292565639 V2=16.2218022021699 V3=0 T=0 M2=0 M3=-48.7491216724359 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE36 CaseType=Combination P=-131.931417565639 V2=17.8689897021699 V3=0 T=0 M2=0 M3=-51.9477408353428 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE37 CaseType=Combination P=-129.56101263123 V2=18.7157243346738 V3=0 T=0 M2=0 M3=-42.180728888967 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE37 CaseType=Combination P=-128.38913763123 V2=23.6842399596738 V3=0 T=0 M2=0 M3=-46.1595854048434 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE38 CaseType=Combination P=-64.8532925648098 V2=12.3034034879936 V3=0 T=0 M2=0 M3=-25.1828432413688 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE38 CaseType=Combination P=-63.6814175648098 V2=13.9505909879936 V3=0 T=0 M2=0 M3=-27.6467626453676 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE39 CaseType=Combination P=-61.311012630401 V2=14.7973256204976 V3=0 T=0 M2=0 M3=-18.6144504579 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE39 CaseType=Combination P=-60.139137630401 V2=19.7658412454976 V3=0 T=0 M2=0 M3=-21.8586072148683 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE40 CaseType=Combination P=-61.4013401563581 V2=5.73421308979017 V3=0 T=0 M2=0 M3=-22.1220059200868 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE40 CaseType=Combination P=-60.2294651563581 V2=7.38140058979017 V3=0 T=0 M2=0 M3=-23.3542021244224 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE41 CaseType=Combination P=-61.401340156357 V2=3.1299375345567 V3=0 T=0 M2=0 M3=-20.6402127583044 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE41 CaseType=Combination P=-60.229465156357 V2=4.7771250345567 V3=0 T=0 M2=0 M3=-21.3841072960338 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE42 CaseType=Combination P=-61.401340156357 V2=3.08566485011819 V3=0 T=0 M2=0 M3=-20.615022745642 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE42 CaseType=Combination P=-60.229465156357 V2=4.73285235011819 V3=0 T=0 M2=0 M3=-21.3506156839513 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=FRE43 CaseType=Combination P=-60.8593750012726 V2=2.1276939758698 V3=0 T=0 M2=0 M3=-18.7229207244485 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE43 CaseType=Combination P=-59.6875000012726 V2=3.7748814758698 V3=0 T=0 M2=0 M3=-19.2788945949241 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE44 CaseType=Combination P=-129.109375002102 V2=6.31537478245712 V3=0 T=0 M2=0 M3=-42.4424165684439 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE44 CaseType=Combination P=-127.937500002102 V2=7.96256228245712 V3=0 T=0 M2=0 M3=-43.7835805901546 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE45 CaseType=Combination P=-132.651654936402 V2=14.3014844219169 V3=0 T=0 M2=0 M3=-46.53396449348 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE45 CaseType=Combination P=-131.479779936402 V2=15.9486719219169 V3=0 T=0 M2=0 M3=-49.3725240725894 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE46 CaseType=Combination P=-129.109375001993 V2=16.7954065544208 V3=0 T=0 M2=0 M3=-39.9655717100111 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE46 CaseType=Combination P=-127.937500001993 V2=21.7639221794208 V3=0 T=0 M2=0 M3=-43.58436864209 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE47 CaseType=Combination P=-64.4016549355723 V2=10.3830857077406 V3=0 T=0 M2=0 M3=-22.9676860624129 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE47 CaseType=Combination P=-63.2297799355723 V2=12.0302732077406 V3=0 T=0 M2=0 M3=-25.0715458826143 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE48 CaseType=Combination P=-60.8593750011636 V2=12.8770078402445 V3=0 T=0 M2=0 M3=-16.3992932789441 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE48 CaseType=Combination P=-59.6875000011636 V2=17.8455234652445 V3=0 T=0 M2=0 M3=-19.2833904521149 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE49 CaseType=Combination P=-60.859375001272 V2=0.825556198253065 V3=0 T=0 M2=0 M3=-17.9820241435573 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE49 CaseType=Combination P=-59.687500001272 V2=2.47274369825306 V3=0 T=0 M2=0 M3=-18.2938471807298 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE50 CaseType=Combination P=-60.4077373720357 V2=1.55378665767202 V3=0 T=0 M2=0 M3=-17.273850610134 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE50 CaseType=Combination P=-59.2358623720357 V2=3.20097415767202 V3=0 T=0 M2=0 M3=-17.7222168584475 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=FRE51 CaseType=Combination P=-61.3110126305095 V2=2.70160129406759 V3=0 T=0 M2=0 M3=-20.171990838763 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=FRE51 CaseType=Combination P=-60.1391376305095 V2=4.34878879406758 V3=0 T=0 M2=0 M3=-20.8355723314006 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-60.3174098461885 V2=19.4439547940928 V3=0 T=0 M2=0 M3=-15.716310229271  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVFRE CaseType=Combination StepType=Max P=-59.1455348461885 V2=24.4124704190928 V3=0 T=0 M2=0 M3=-17.6145891164076  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-133.103292565639 V2=0.825556198253065 V3=0 T=0 M2=0 M3=-48.7491216724359  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVFRE CaseType=Combination StepType=Min P=-131.931417565639 V2=2.47274369825306 V3=0 T=0 M2=0 M3=-51.9477408353428  
FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE01 CaseType=Combination P=-59.6759223606859 V2=4.90062549310514 V3=0 T=0 M2=0 M3=-17.4135989884288 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE01 CaseType=Combination P=-58.5040473606859 V2=7.52843799310514 V3=0 T=0 M2=0 M3=-18.583013143386 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE02 CaseType=Combination P=-59.6759223606865 V2=6.20276327072187 V3=0 T=0 M2=0 M3=-18.1544955693199 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE02 CaseType=Combination P=-58.5040473606865 V2=8.83057577072188 V3=0 T=0 M2=0 M3=-19.5680605575803 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE03 CaseType=Combination P=-59.6759223606854 V2=3.5984877154884 V3=0 T=0 M2=0 M3=-16.67272024075376 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE03 CaseType=Combination P=-58.5040473606854 V2=6.2263002154884 V3=0 T=0 M2=0 M3=-17.5979657291917 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE04 CaseType=Combination P=-59.2242847314491 V2=4.32671817490735 V3=0 T=0 M2=0 M3=-15.9645288741143 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE04 CaseType=Combination P=-58.0524097314491 V2=6.95453067490735 V3=0 T=0 M2=0 M3=-17.0263354069094 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE05 CaseType=Combination P=-60.1275599899228 V2=5.47453281130292 V3=0 T=0 M2=0 M3=-18.8626691027433 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE05 CaseType=Combination P=-58.9556849899228 V2=8.10234531130292 V3=0 T=0 M2=0 M3=-20.1396908798626 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE06 CaseType=Combination P=-59.6759223606854 V2=3.55421503104989 V3=0 T=0 M2=0 M3=-16.6475119237873 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE06 CaseType=Combination P=-58.5040473606854 V2=6.18202753104989 V3=0 T=0 M2=0 M3=-17.5644741171092 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE07 CaseType=Combination P=-59.2242847314496 V2=5.62885595252409 V3=0 T=0 M2=0 M3=-16.7054254550055 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE07 CaseType=Combination P=-58.0524097314496 V2=8.25666845252409 V3=0 T=0 M2=0 M3=-18.0113828211037 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE08 CaseType=Combination P=-60.1275599899234 V2=6.77667058891966 V3=0 T=0 M2=0 M3=-19.6035656836344 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE08 CaseType=Combination P=-58.9556849899234 V2=9.40448308891966 V3=0 T=0 M2=0 M3=-21.1247382940569 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE09 CaseType=Combination P=-59.6759223606859 V2=4.85635280866663 V3=0 T=0 M2=0 M3=-17.3884085046785 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE09 CaseType=Combination P=-58.5040473606859 V2=7.48416530866663 V3=0 T=0 M2=0 M3=-18.5495215313035 FrameElem=3-1  
ElemStation=0.1875

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Frame=3 Station=0 OutputCase=QPE10 CaseType=Combination P=-62.0428276418388 V2=6.47968799576174 V3=0 T=0 M2=0 M3=-21.0203148610506 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE10 CaseType=Combination P=-60.8709526418388 V2=8.12687549576174 V3=0 T=0 M2=0 M3=-22.392287610256 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE11 CaseType=Combination P=-62.0428276418394 V2=7.78182577337847 V3=0 T=0 M2=0 M3=-21.7612114419418 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE11 CaseType=Combination P=-60.8709526418394 V2=9.42901327337847 V3=0 T=0 M2=0 M3=-23.3773350244503 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE12 CaseType=Combination P=-62.0428276418382 V2=5.177550218145 V3=0 T=0 M2=0 M3=-20.2794182801595 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE12 CaseType=Combination P=-60.8709526418382 V2=6.824737718145 V3=0 T=0 M2=0 M3=-21.4072401960617 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE13 CaseType=Combination P=-61.5911900126019 V2=5.90578067756395 V3=0 T=0 M2=0 M3=-19.5712447467362 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE13 CaseType=Combination P=-60.4193150126019 V2=7.55296817756395 V3=0 T=0 M2=0 M3=-20.8356098737794 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE14 CaseType=Combination P=-62.4944652710757 V2=7.05359531395952 V3=0 T=0 M2=0 M3=-22.4693849753651 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE14 CaseType=Combination P=-61.3225902710757 V2=8.70078281395952 V3=0 T=0 M2=0 M3=-23.9489653467325 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE15 CaseType=Combination P=-62.0428276418382 V2=5.13327753370649 V3=0 T=0 M2=0 M3=-20.2542277964092 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE15 CaseType=Combination P=-60.8709526418382 V2=6.78046503370649 V3=0 T=0 M2=0 M3=-21.3737485839792 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE16 CaseType=Combination P=-61.5911900126025 V2=7.20791845518069 V3=0 T=0 M2=0 M3=-20.3121413276273 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE16 CaseType=Combination P=-60.4193150126025 V2=8.85510595518069 V3=0 T=0 M2=0 M3=-21.8206572879737 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE17 CaseType=Combination P=-62.4944652710763 V2=8.35573309157626 V3=0 T=0 M2=0 M3=-23.2102815562563 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE17 CaseType=Combination P=-61.3225902710763 V2=10.0029205915763 V3=0 T=0 M2=0 M3=-24.9340127609268 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=QPE18 CaseType=Combination P=-62.0428276418388 V2=6.43541531132323 V3=0 T=0 M2=0 M3=-20.9951243773004 FrameElem=3-1  
ElemStation=0  
Frame=3 Station=0.1875 OutputCase=QPE18 CaseType=Combination P=-60.8709526418388 V2=8.08260281132323 V3=0 T=0 M2=0 M3=-22.3587959981735 FrameElem=3-1  
ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-59.2242847314491 V2=8.35573309157626 V3=0 T=0 M2=0 M3=-15.9645288741143  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVQPE CaseType=Combination StepType=Max P=-58.0524097314491 V2=10.0029205915763 V3=0 T=0 M2=0 M3=-  
17.0263354069094 FrameElem=3-1 ElemStation=0.1875  
Frame=3 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-62.4944652710763 V2=3.55421503104989 V3=0 T=0 M2=0 M3=-23.2102815562563  
FrameElem=3-1 ElemStation=0  
Frame=3 Station=0.1875 OutputCase=INVQPE CaseType=Combination StepType=Min P=-61.3225902710763 V2=6.18202753104989 V3=0 T=0 M2=0 M3=-24.9340127609268  
FrameElem=3-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR001 CaseType=Combination P=-93.2343750001179 V2=24.6226642311857 V3=0 T=0 M2=0 M3=32.8284395634985 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR001 CaseType=Combination P=-91.6523437501179 V2=18.5501954811857 V3=0 T=0 M2=0 M3=28.7866001764012 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR002 CaseType=Combination P=-93.2343750001426 V2=13.4500026817536 V3=0 T=0 M2=0 M3=33.1309942776387 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR002 CaseType=Combination P=-91.6523437501426 V2=10.6309401817536 V3=0 T=0 M2=0 M3=30.8760133060599 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR003 CaseType=Combination P=-216.084375000221 V2=6.39688499625753 V3=0 T=0 M2=0 M3=66.2930784912572 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR003 CaseType=Combination P=-214.502343750221 V2=3.57782249625753 V3=0 T=0 M2=0 M3=65.3605570857089 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR004 CaseType=Combination P=-209.545361217561 V2=47.2663501311732 V3=0 T=0 M2=0 M3=77.5996950940796 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR004 CaseType=Combination P=-207.963329967561 V2=37.8159282561732 V3=0 T=0 M2=0 M3=69.6257231944847 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR005 CaseType=Combination P=-216.084375000354 V2=32.5147371267985 V3=0 T=0 M2=0 M3=65.792683616231 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR005 CaseType=Combination P=-214.502343750354 V2=23.0643152517985 V3=0 T=0 M2=0 M3=60.5846391549563 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR006 CaseType=Combination P=-62.5234862174417 V2=53.3420161044931 V3=0 T=0 M2=0 M3=35.7801391710724 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR006 CaseType=Combination P=-61.3516112174417 V2=43.8915942294931 V3=0 T=0 M2=0 M3=26.66697990148 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR007 CaseType=Combination P=-69.062500002343 V2=38.5904031001184 V3=0 T=0 M2=0 M3=23.9731276932238 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR007 CaseType=Combination P=-67.8906250002343 V2=29.1399812251184 V3=0 T=0 M2=0 M3=17.6258958619516 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR008 CaseType=Combination P=-173.191738809235 V2=54.9965432321371 V3=0 T=0 M2=0 M3=76.1939466058734 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR008 CaseType=Combination P=-171.609707559235 V2=46.3906096388371 V3=0 T=0 M2=0 M3=66.6921738514101 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR009 CaseType=Combination P=-93.2343750001173 V2=21.4975335649084 V3=0 T=0 M2=0 M3=30.5048573581466 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR009 CaseType=Combination P=-91.6523437501173 V2=15.4250648149084 V3=0 T=0 M2=0 M3=27.0489799709762 FrameElem=22-  
1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR010 CaseType=Combination P=-93.2343750001421 V2=10.3248720154763 V3=0 T=0 M2=0 M3=30.8074120722868 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR010 CaseType=Combination P=-91.6523437501421 V2=7.50580951547633 V3=0 T=0 M2=0 M3=29.138393100635 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR011 CaseType=Combination P=-216.084375000221 V2=4.52180659649115 V3=0 T=0 M2=0 M3=64.8989291680461 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR011 CaseType=Combination P=-214.502343750221 V2=1.70274409649115 V3=0 T=0 M2=0 M3=64.317984962454 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR012 CaseType=Combination P=-209.545361217561 V2=45.3912717314068 V3=0 T=0 M2=0 M3=76.2055457708685 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR012 CaseType=Combination P=-207.963329967561 V2=35.9408498564068 V3=0 T=0 M2=0 M3=68.5831510712297 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR013 CaseType=Combination P=-216.084375000353 V2=30.6396587270321 V3=0 T=0 M2=0 M3=64.3985342930199 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR013 CaseType=Combination P=-214.502343750353 V2=21.1892368520321 V3=0 T=0 M2=0 M3=59.5420670317014 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR014 CaseType=Combination P=-62.5234862174414 V2=51.4669377047267 V3=0 T=0 M2=0 M3=34.3859898478612 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR014 CaseType=Combination P=-61.3516112174414 V2=42.0165158297267 V3=0 T=0 M2=0 M3=25.624407778225 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR015 CaseType=Combination P=-69.062500002034 V2=36.715324700352 V3=0 T=0 M2=0 M3=22.5789783700127 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR015 CaseType=Combination P=-67.890625000234 V2=27.264902825352 V3=0 T=0 M2=0 M3=16.5833237386967 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR016 CaseType=Combination P=-173.191738809234 V2=53.1214648323708 V3=0 T=0 M2=0 M3=74.7997972826622 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR016 CaseType=Combination P=-171.609707559234 V2=44.5155312386208 V3=0 T=0 M2=0 M3=65.6496017281552 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR017 CaseType=Combination P=-185.3718750002021 V2=5.03503375135426 V3=0 T=0 M2=0 M3=55.6789752325006 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR017 CaseType=Combination P=-183.789843750201 V2=2.21597125135426 V3=0 T=0 M2=0 M3=55.0018009353717 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR018 CaseType=Combination P=-179.894333499701 V2=39.8057875625595 V3=0 T=0 M2=0 M3=65.1554401423051 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR018 CaseType=Combination P=-178.312302249701 V2=31.1998539688095 V3=0 T=0 M2=0 M3=58.5019340758877 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR019 CaseType=Combination P=-185.371875000294 V2=27.416588236618 V3=0 T=0 M2=0 M3=55.228040397696 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR019 CaseType=Combination P=-183.789843750294 V2=18.810654642868 V3=0 T=0 M2=0 M3=50.8975092048926 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR020 CaseType=Combination P=-63.5849584996018 V2=44.1181741145053 V3=0 T=0 M2=0 M3=31.6264052727025 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR020 CaseType=Combination P=-62.4130834996018 V2=35.5122405207553 V3=0 T=0 M2=0 M3=24.1643267277952 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR021 CaseType=Combination P=-69.0625000001945 V2=31.7289747885639 V3=0 T=0 M2=0 M3=21.6990055280934 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR021 CaseType=Combination P=-67.8906250001945 V2=23.1230411948139 V3=0 T=0 M2=0 M3=16.5599018568002 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR022 CaseType=Combination P=-93.8847331862184 V2=22.3239601031135 V3=0 T=0 M2=0 M3=31.6165453297564 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR022 CaseType=Combination P=-92.3027019362184 V2=16.2514913531135 V3=0 T=0 M2=0 M3=28.0057129666726 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR023 CaseType=Combination P=-93.8847331862431 V2=11.1512985536814 V3=0 T=0 M2=0 M3=31.9191000438966 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR023 CaseType=Combination P=-92.3027019362431 V2=8.33223605368137 V3=0 T=0 M2=0 M3=30.0951260963314 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR024 CaseType=Combination P=-186.022233186302 V2=5.86146028955929 V3=0 T=0 M2=0 M3=56.7906632041105 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR024 CaseType=Combination P=-184.440201936302 V2=3.04239778955929 V3=0 T=0 M2=0 M3=55.9585339310681 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR025 CaseType=Combination P=-180.544691685803 V2=40.6322141007645 V3=0 T=0 M2=0 M3=66.2671281139149 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR025 CaseType=Combination P=-178.962660435803 V2=32.0262805070145 V3=0 T=0 M2=0 M3=59.4586670715841 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR026 CaseType=Combination P=-186.022233186395 V2=28.2430147748231 V3=0 T=0 M2=0 M3=56.3397283693058 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR026 CaseType=Combination P=-184.440201936395 V2=19.6370811810731 V3=0 T=0 M2=0 M3=51.854242200589 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR027 CaseType=Combination P=-64.2353166857029 V2=44.9446006527104 V3=0 T=0 M2=0 M3=32.7380932443123 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR027 CaseType=Combination P=-63.0634416857029 V2=36.3386670589604 V3=0 T=0 M2=0 M3=25.1210597234917 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR028 CaseType=Combination P=-69.7128581862955 V2=32.5554013267689 V3=0 T=0 M2=0 M3=22.8106934997032 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR028 CaseType=Combination P=-68.5409831862955 V2=23.9494677330189 V3=0 T=0 M2=0 M3=17.5166348524966 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR029 CaseType=Combination P=-92.5840168140163 V2=20.6711070267034 V3=0 T=0 M2=0 M3=29.3931693865367 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR029 CaseType=Combination P=-91.0019855640163 V2=14.5986382767034 V3=0 T=0 M2=0 M3=26.0922469752798 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR030 CaseType=Combination P=-92.584016814041 V2=9.4984454772713 V3=0 T=0 M2=0 M3=29.6957241006769 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR030 CaseType=Combination P=-91.001985564041 V2=6.6793829772713 V3=0 T=0 M2=0 M3=28.1816601049385 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR031 CaseType=Combination P=-184.7215168141 V2=4.20860721314922 V3=0 T=0 M2=0 M3=54.5672872608908 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR031 CaseType=Combination P=-183.1394855641 V2=1.38954471314922 V3=0 T=0 M2=0 M3=54.0450679396753 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR032 CaseType=Combination P=-179.2439753136 V2=38.9793610243544 V3=0 T=0 M2=0 M3=64.0437521706952 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR032 CaseType=Combination P=-177.6619440636 V2=30.3734274306044 V3=0 T=0 M2=0 M3=57.5452010801912 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR033 CaseType=Combination P=-184.721516814193 V2=26.590161698413 V3=0 T=0 M2=0 M3=54.1163524260861 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR033 CaseType=Combination P=-183.139485564193 V2=17.984228104663 V3=0 T=0 M2=0 M3=49.9407762091962 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR034 CaseType=Combination P=-62.9346003135007 V2=43.2917475763003 V3=0 T=0 M2=0 M3=30.5147173010926 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR034 CaseType=Combination P=-61.7627253135007 V2=34.6858139825503 V3=0 T=0 M2=0 M3=23.2075937320988 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR035 CaseType=Combination P=-68.4121418140934 V2=30.9025482503589 V3=0 T=0 M2=0 M3=20.5873175564835 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR035 CaseType=Combination P=-67.2402668140934 V2=22.2966146566088 V3=0 T=0 M2=0 M3=15.6031688611037 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR036 CaseType=Combination P=-93.2343750001178 V2=23.436364630267 V3=0 T=0 M2=0 M3=31.9464077583469 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR036 CaseType=Combination P=-91.6523437501178 V2=17.363895880267 V3=0 T=0 M2=0 M3=28.1269995464219 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR037 CaseType=Combination P=-93.2343750001426 V2=12.2637030808349 V3=0 T=0 M2=0 M3=32.2489624724871 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR037 CaseType=Combination P=-91.6523437501426 V2=9.444464058083487 V3=0 T=0 M2=0 M3=30.2164126760806 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR038 CaseType=Combination P=-185.371875000201 V2=6.97386481671279 V3=0 T=0 M2=0 M3=57.120525632701 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR038 CaseType=Combination P=-183.789843750201 V2=4.15480231671279 V3=0 T=0 M2=0 M3=56.0798205108174 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR039 CaseType=Combination P=-179.894333499702 V2=41.744618627918 V3=0 T=0 M2=0 M3=66.5969905425055 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR039 CaseType=Combination P=-178.312302249702 V2=33.138685034168 V3=0 T=0 M2=0 M3=59.5799536513333 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR040 CaseType=Combination P=-185.371875000295 V2=29.3554193019766 V3=0 T=0 M2=0 M3=56.6695907978963 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR040 CaseType=Combination P=-183.789843750295 V2=20.7494857082266 V3=0 T=0 M2=0 M3=51.9755287803382 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR041 CaseType=Combination P=-63.5849584996023 V2=46.0570051798639 V3=0 T=0 M2=0 M3=33.0679556729029 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR041 CaseType=Combination P=-62.4130834996023 V2=37.4510715861139 V3=0 T=0 M2=0 M3=25.2423463032409 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR042 CaseType=Combination P=-69.062500000195 V2=33.6678058539224 V3=0 T=0 M2=0 M3=23.1405559282938 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR042 CaseType=Combination P=-67.890625000195 V2=25.0618722601724 V3=0 T=0 M2=0 M3=17.6379214322458 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR043 CaseType=Combination P=-93.2343750001184 V2=27.747794897463 V3=0 T=0 M2=0 M3=35.1520217688504 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR043 CaseType=Combination P=-91.6523437501184 V2=21.675326147463 V3=0 T=0 M2=0 M3=30.5242203818261 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR044 CaseType=Combination P=-93.2343750001431 V2=16.5751333480309 V3=0 T=0 M2=0 M3=35.4545764829907 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR044 CaseType=Combination P=-91.6523437501431 V2=13.7560708480309 V3=0 T=0 M2=0 M3=32.6136335114849 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR045 CaseType=Combination P=-216.084375000222 V2=8.27196339602391 V3=0 T=0 M2=0 M3=67.6872278144684 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR045 CaseType=Combination P=-214.502343750222 V2=5.45290089602391 V3=0 T=0 M2=0 M3=66.4031292089639 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR046 CaseType=Combination P=-209.545361217561 V2=49.1414285309396 V3=0 T=0 M2=0 M3=78.9938444172908 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR046 CaseType=Combination P=-207.963329967561 V2=39.6910066559396 V3=0 T=0 M2=0 M3=70.6682953177396 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR047 CaseType=Combination P=-216.084375000354 V2=34.3898155265649 V3=0 T=0 M2=0 M3=67.1868329394422 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR047 CaseType=Combination P=-214.502343750354 V2=24.939936515649 V3=0 T=0 M2=0 M3=61.6272112782113 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR048 CaseType=Combination P=-62.523486217442 V2=55.2170945042595 V3=0 T=0 M2=0 M3=37.1742884942836 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR048 CaseType=Combination P=-61.351611217442 V2=45.7666726292595 V3=0 T=0 M2=0 M3=27.7095520247349 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR049 CaseType=Combination P=-69.0625000002346 V2=40.4654814998848 V3=0 T=0 M2=0 M3=25.367277016435 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR049 CaseType=Combination P=-67.8906250002346 V2=31.0150596248848 V3=0 T=0 M2=0 M3=18.6684679852066 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR050 CaseType=Combination P=-173.191738809235 V2=56.8716216319035 V3=0 T=0 M2=0 M3=77.5880959290845 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR050 CaseType=Combination P=-171.609707559235 V2=48.2656880381535 V3=0 T=0 M2=0 M3=67.7347459746651 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR051 CaseType=Combination P=-185.371875000202 V2=11.2852950839089 V3=0 T=0 M2=0 M3=60.3261396432045 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR051 CaseType=Combination P=-183.789843750202 V2=8.4662325839086 V3=0 T=0 M2=0 M3=58.4770413462216 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR052 CaseType=Combination P=-179.894333499703 V2=46.0560488951141 V3=0 T=0 M2=0 M3=69.8026045530089 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR052 CaseType=Combination P=-178.312302249703 V2=37.4501153013641 V3=0 T=0 M2=0 M3=61.9771744867376 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR053 CaseType=Combination P=-185.371875000295 V2=33.6668495691726 V3=0 T=0 M2=0 M3=59.8752048083999 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR053 CaseType=Combination P=-183.789843750295 V2=25.0609159754226 V3=0 T=0 M2=0 M3=54.3727496157425 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR054 CaseType=Combination P=-63.5849584996029 V2=50.3684354470599 V3=0 T=0 M2=0 M3=36.2735696834064 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR054 CaseType=Combination P=-62.4130834996029 V2=41.7625018533099 V3=0 T=0 M2=0 M3=27.6395671386451 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR055 CaseType=Combination P=-69.062500001955 V2=37.9792361211185 V3=0 T=0 M2=0 M3=26.3461699387973 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR055 CaseType=Combination P=-67.8906250001955 V2=29.3733025273685 V3=0 T=0 M2=0 M3=20.0351422676501 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR056 CaseType=Combination P=-93.8847331862195 V2=28.5742214356681 V3=0 T=0 M2=0 M3=36.2637097404603 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR056 CaseType=Combination P=-92.3027019362195 V2=22.5017526856681 V3=0 T=0 M2=0 M3=31.4809533775226 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR057 CaseType=Combination P=-93.8847331862442 V2=17.401559886236 V3=0 T=0 M2=0 M3=36.5662644546005 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR057 CaseType=Combination P=-92.3027019362442 V2=14.582497386236 V3=0 T=0 M2=0 M3=33.5703665071813 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR058 CaseType=Combination P=-186.022233186303 V2=12.1117216221139 V3=0 T=0 M2=0 M3=61.4378276148144 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR058 CaseType=Combination P=-184.440201936303 V2=9.29265912211389 V3=0 T=0 M2=0 M3=59.4337743419181 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR059 CaseType=Combination P=-180.544691685804 V2=46.8824754333191 V3=0 T=0 M2=0 M3=70.9142925246188 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR059 CaseType=Combination P=-178.962660435804 V2=38.2765418395691 V3=0 T=0 M2=0 M3=62.933907482434 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR060 CaseType=Combination P=-186.022233186396 V2=34.4932761073777 V3=0 T=0 M2=0 M3=60.9868927800097 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR060 CaseType=Combination P=-184.440201936396 V2=25.8873425136277 V3=0 T=0 M2=0 M3=55.3294826114389 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR061 CaseType=Combination P=-64.235316685704 V2=51.194861985265 V3=0 T=0 M2=0 M3=37.3852576550162 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR061 CaseType=Combination P=-63.063441685704 V2=42.588928391515 V3=0 T=0 M2=0 M3=28.5963001343416 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR062 CaseType=Combination P=-69.7128581862966 V2=38.8056626593235 V3=0 T=0 M2=0 M3=27.4578579104071 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR062 CaseType=Combination P=-68.5409831862966 V2=30.1997290655735 V3=0 T=0 M2=0 M3=20.9918752633465 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR063 CaseType=Combination P=-92.5840168140173 V2=26.921368395258 V3=0 T=0 M2=0 M3=34.0403337972406 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR063 CaseType=Combination P=-91.0019855640173 V2=20.848899609258 V3=0 T=0 M2=0 M3=29.5674873861297 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR064 CaseType=Combination P=-92.5840168140421 V2=15.7487068098259 V3=0 T=0 M2=0 M3=34.3428885113808 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR064 CaseType=Combination P=-91.0019855640421 V2=12.9296443098259 V3=0 T=0 M2=0 M3=31.6569005157884 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR065 CaseType=Combination P=-184.721516814101 V2=10.4588685457038 V3=0 T=0 M2=0 M3=59.2144516715947 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR065 CaseType=Combination P=-183.139485564101 V2=7.63980604570382 V3=0 T=0 M2=0 M3=57.5203083505252 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR066 CaseType=Combination P=-179.243975313601 V2=45.229622356909 V3=0 T=0 M2=0 M3=68.6909165813991 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR066 CaseType=Combination P=-177.661944063601 V2=36.623688763159 V3=0 T=0 M2=0 M3=61.0204414910411 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR067 CaseType=Combination P=-184.721516814194 V2=32.8404230309676 V3=0 T=0 M2=0 M3=58.76351683679 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR067 CaseType=Combination P=-183.139485564194 V2=24.2344894372176 V3=0 T=0 M2=0 M3=53.4160166200461 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR068 CaseType=Combination P=-62.9346003135018 V2=49.5420089088549 V3=0 T=0 M2=0 M3=35.1618817117965 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR068 CaseType=Combination P=-61.7627253135018 V2=40.9360753151049 V3=0 T=0 M2=0 M3=26.6828341429487 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR069 CaseType=Combination P=-68.4121418140945 V2=37.1528095829135 V3=0 T=0 M2=0 M3=25.2344919671874 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR069 CaseType=Combination P=-67.2402668140945 V2=28.5468759891635 V3=0 T=0 M2=0 M3=19.0784092719536 FrameElem=22-1  
ElemStation=0.1875

PROGETTO SDR  
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Frame=22 Station=0 OutputCase=STR070 CaseType=Combination P=-93.2343750001189 V2=29.6866259628216 V3=0 T=0 M2=0 M3=36.5935721690508 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR070 CaseType=Combination P=-91.6523437501189 V2=23.6141572128216 V3=0 T=0 M2=0 M3=31.6022399572718 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR071 CaseType=Combination P=-93.2343750001436 V2=18.5139644133895 V3=0 T=0 M2=0 M3=36.896126883191 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR071 CaseType=Combination P=-91.6523437501436 V2=15.6949019133895 V3=0 T=0 M2=0 M3=33.6916530869305 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR072 CaseType=Combination P=-185.371875000203 V2=13.2241261492674 V3=0 T=0 M2=0 M3=61.7676900434049 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR072 CaseType=Combination P=-183.789843750203 V2=10.4050636492674 V3=0 T=0 M2=0 M3=59.5550609216673 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR073 CaseType=Combination P=-179.894333499703 V2=47.9948799604726 V3=0 T=0 M2=0 M3=71.2441549532093 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR073 CaseType=Combination P=-178.312302249703 V2=39.3889463667226 V3=0 T=0 M2=0 M3=63.0551940621832 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR074 CaseType=Combination P=-185.371875000296 V2=35.6056806345312 V3=0 T=0 M2=0 M3=61.3167552086002 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR074 CaseType=Combination P=-183.789843750296 V2=26.9997470407812 V3=0 T=0 M2=0 M3=55.4507691911881 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR075 CaseType=Combination P=-63.5849584996034 V2=52.3072665124185 V3=0 T=0 M2=0 M3=37.7151200836068 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR075 CaseType=Combination P=-62.4130834996034 V2=43.7013329186685 V3=0 T=0 M2=0 M3=28.7175867140908 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR076 CaseType=Combination P=-69.06250000196 V2=39.918067186477 V3=0 T=0 M2=0 M3=27.7877203389977 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR076 CaseType=Combination P=-67.890625000196 V2=31.312133592727 V3=0 T=0 M2=0 M3=21.1131618430957 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR077 CaseType=Combination P=-94.3183053102863 V2=26.0000417948608 V3=0 T=0 M2=0 M3=34.6812528495149 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR077 CaseType=Combination P=-92.7362740602863 V2=19.9275730448608 V3=0 T=0 M2=0 M3=30.3811551692285 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR078 CaseType=Combination P=-94.3183053103111 V2=14.8273802454287 V3=0 T=0 M2=0 M3=34.9838075636551 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR078 CaseType=Combination P=-92.7362740603111 V2=12.0083177454287 V3=0 T=0 M2=0 M3=32.4705682988873 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR079 CaseType=Combination P=-216.734733186322 V2=7.22331153446256 V3=0 T=0 M2=0 M3=67.4047664628671 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR079 CaseType=Combination P=-215.152701936322 V2=4.40424903446256 V3=0 T=0 M2=0 M3=66.3172900814054 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR080 CaseType=Combination P=-210.195719403662 V2=48.0927766693782 V3=0 T=0 M2=0 M3=78.7113830656895 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR080 CaseType=Combination P=-208.613688153662 V2=38.6423547943782 V3=0 T=0 M2=0 M3=70.5824561901811 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR081 CaseType=Combination P=-216.734733186455 V2=33.3411636650036 V3=0 T=0 M2=0 M3=66.9043715878409 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR081 CaseType=Combination P=-215.152701936455 V2=23.8907417900036 V3=0 T=0 M2=0 M3=61.5413721506527 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR082 CaseType=Combination P=-63.1738444035428 V2=54.1684426426981 V3=0 T=0 M2=0 M3=36.8918271426823 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR082 CaseType=Combination P=-62.0019694035428 V2=44.7180207676981 V3=0 T=0 M2=0 M3=27.6237128971764 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR083 CaseType=Combination P=-69.7128581863354 V2=39.4168296383234 V3=0 T=0 M2=0 M3=25.0848156648337 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR083 CaseType=Combination P=-68.5409831863354 V2=29.9664077633234 V3=0 T=0 M2=0 M3=18.5826288576481 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR084 CaseType=Combination P=-173.842096995336 V2=55.8229697703422 V3=0 T=0 M2=0 M3=77.3056345774832 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR084 CaseType=Combination P=-172.260065745336 V2=47.2170361765922 V3=0 T=0 M2=0 M3=67.6489068471065 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR085 CaseType=Combination P=-186.45580531037 V2=9.53754198130661 V3=0 T=0 M2=0 M3=59.855370723869 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR085 CaseType=Combination P=-184.87377406037 V2=6.71847948130661 V3=0 T=0 M2=0 M3=58.333976133624 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR086 CaseType=Combination P=-180.97826380987 V2=44.3082957925118 V3=0 T=0 M2=0 M3=69.3318356336735 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR086 CaseType=Combination P=-179.39623255987 V2=35.7023621987618 V3=0 T=0 M2=0 M3=61.83410927414 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR087 CaseType=Combination P=-186.455805310463 V2=31.9190964665704 V3=0 T=0 M2=0 M3=59.4044358890643 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR087 CaseType=Combination P=-184.873774060463 V2=23.3131628728204 V3=0 T=0 M2=0 M3=54.2296844031449 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR088 CaseType=Combination P=-64.6688888097708 V2=48.6206823444577 V3=0 T=0 M2=0 M3=35.8028007640709 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR088 CaseType=Combination P=-63.4970138097708 V2=40.0147487507077 V3=0 T=0 M2=0 M3=27.4965019260476 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR089 CaseType=Combination P=-70.1464303103635 V2=36.2314830185162 V3=0 T=0 M2=0 M3=25.87540194618 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR089 CaseType=Combination P=-68.9745553103635 V2=27.6255494247662 V3=0 T=0 M2=0 M3=19.8920770550525 FrameElem=22-1  
ElemStation=0.1875

PROGETTO S.D.P.

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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

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Frame=22 Station=0 OutputCase=STR090 CaseType=Combination P=-94.318305310286 V2=24.1249633950944 V3=0 T=0 M2=0 M3=33.2871035263038 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR090 CaseType=Combination P=-92.736274060286 V2=18.0524946450944 V3=0 T=0 M2=0 M3=29.3385830459736 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR091 CaseType=Combination P=-94.3183053103107 V2=12.9523018456623 V3=0 T=0 M2=0 M3=33.589658240444 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR091 CaseType=Combination P=-92.7362740603107 V2=10.1332393456623 V3=0 T=0 M2=0 M3=31.4279961756323 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR092 CaseType=Combination P=-186.45580531037 V2=7.66246358154023 V3=0 T=0 M2=0 M3=58.4612214006579 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR092 CaseType=Combination P=-184.87377406037 V2=4.84340108154023 V3=0 T=0 M2=0 M3=57.2914040103691 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR093 CaseType=Combination P=-180.97826380987 V2=42.4332173927454 V3=0 T=0 M2=0 M3=67.9376863104623 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR093 CaseType=Combination P=-179.39623255987 V2=33.8272837989954 V3=0 T=0 M2=0 M3=60.791537150885 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR094 CaseType=Combination P=-186.455805310463 V2=30.044018066804 V3=0 T=0 M2=0 M3=58.0102865658532 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR094 CaseType=Combination P=-184.873774060463 V2=21.438084473054 V3=0 T=0 M2=0 M3=53.1871122798899 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR095 CaseType=Combination P=-64.6688888097705 V2=46.7456039446913 V3=0 T=0 M2=0 M3=34.4086514408597 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR095 CaseType=Combination P=-63.4970138097705 V2=38.1396703509413 V3=0 T=0 M2=0 M3=26.4539298027926 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR096 CaseType=Combination P=-70.1464303103631 V2=34.3564046187499 V3=0 T=0 M2=0 M3=24.4812516962506 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR096 CaseType=Combination P=-68.9745553103631 V2=25.7504710249999 V3=0 T=0 M2=0 M3=18.8495049317975 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR097 CaseType=Combination P=-94.3183053102866 V2=27.8751201946272 V3=0 T=0 M2=0 M3=36.0754021727261 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR097 CaseType=Combination P=-92.7362740602866 V2=21.8026514446272 V3=0 T=0 M2=0 M3=31.42327272924835 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR098 CaseType=Combination P=-94.3183053103114 V2=16.7024586451951 V3=0 T=0 M2=0 M3=36.3779568868663 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR098 CaseType=Combination P=-92.7362740603114 V2=13.8833961451951 V3=0 T=0 M2=0 M3=33.5131404221422 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR099 CaseType=Combination P=-186.45580531037 V2=11.412620381073 V3=0 T=0 M2=0 M3=61.2495200470802 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR099 CaseType=Combination P=-184.87377406037 V2=8.59355788107299 V3=0 T=0 M2=0 M3=59.376548256879 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR100 CaseType=Combination P=-180.978263809871 V2=46.1833741922782 V3=0 T=0 M2=0 M3=70.7259489568846 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR100 CaseType=Combination P=-179.396232559871 V2=37.5774405985282 V3=0 T=0 M2=0 M3=62.8766813973949 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR101 CaseType=Combination P=-186.455805310463 V2=33.7941748663368 V3=0 T=0 M2=0 M3=60.7985852122755 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR101 CaseType=Combination P=-184.873774060463 V2=25.1882412725868 V3=0 T=0 M2=0 M3=55.2722565263999 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR102 CaseType=Combination P=-64.6688888097711 V2=50.4957607442241 V3=0 T=0 M2=0 M3=37.196950087282 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR102 CaseType=Combination P=-63.4970138097711 V2=41.8898271504741 V3=0 T=0 M2=0 M3=28.5390740493025 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR103 CaseType=Combination P=-70.1464303103638 V2=38.1065614182826 V3=0 T=0 M2=0 M3=27.2695503426729 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR103 CaseType=Combination P=-68.9745553103638 V2=29.5006278245326 V3=0 T=0 M2=0 M3=20.9346491783074 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR104 CaseType=Combination P=-94.3183053102868 V2=27.9388728602193 V3=0 T=0 M2=0 M3=36.1228032497153 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR104 CaseType=Combination P=-92.7362740602868 V2=21.8664041102193 V3=0 T=0 M2=0 M3=31.4591747446742 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR105 CaseType=Combination P=-94.3183053103116 V2=16.7662113107872 V3=0 T=0 M2=0 M3=36.4253579638555 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR105 CaseType=Combination P=-92.7362740603116 V2=13.9471488107872 V3=0 T=0 M2=0 M3=33.5485878743329 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR106 CaseType=Combination P=-186.45580531037 V2=11.476370466651 V3=0 T=0 M2=0 M3=61.2969211240694 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR106 CaseType=Combination P=-184.87377406037 V2=8.65731054666514 V3=0 T=0 M2=0 M3=59.4119957090697 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR107 CaseType=Combination P=-180.978263809871 V2=46.2471268578704 V3=0 T=0 M2=0 M3=70.7733860338738 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR107 CaseType=Combination P=-179.396232559871 V2=37.6411932641204 V3=0 T=0 M2=0 M3=62.9121288495856 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR108 CaseType=Combination P=-186.455805310464 V2=33.8579275319289 V3=0 T=0 M2=0 M3=60.8459862892647 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR108 CaseType=Combination P=-184.873774060464 V2=25.2519939381789 V3=0 T=0 M2=0 M3=55.3077039785906 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR109 CaseType=Combination P=-64.6688888097713 V2=50.5595134098162 V3=0 T=0 M2=0 M3=37.2443511642712 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR109 CaseType=Combination P=-63.4970138097713 V2=41.9535798160662 V3=0 T=0 M2=0 M3=28.5745215014932 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR110 CaseType=Combination P=-70.146430310364 V2=38.1703140838748 V3=0 T=0 M2=0 M3=27.3169514196621 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR110 CaseType=Combination P=-68.974555310364 V2=29.5643804901248 V3=0 T=0 M2=0 M3=20.9700966304981 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR111 CaseType=Combination P=-92.1504446899494 V2=23.2452866675107 V3=0 T=0 M2=0 M3=30.9756262774821 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR111 CaseType=Combination P=-90.5684134399494 V2=17.1728179175107 V3=0 T=0 M2=0 M3=27.1920451835738 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR112 CaseType=Combination P=-92.1504446899742 V2=12.0726251180786 V3=0 T=0 M2=0 M3=31.2781809916223 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR112 CaseType=Combination P=-90.5684134399742 V2=9.25356261807858 V3=0 T=0 M2=0 M3=29.2814583132325 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR113 CaseType=Combination P=-215.43401681412 V2=5.5704584580525 V3=0 T=0 M2=0 M3=65.1813905196474 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR113 CaseType=Combination P=-213.85198556412 V2=2.7513959580525 V3=0 T=0 M2=0 M3=64.4038240900125 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR114 CaseType=Combination P=-208.89500303146 V2=46.4399235929682 V3=0 T=0 M2=0 M3=76.4880071224698 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR114 CaseType=Combination P=-207.31297178146 V2=36.9895017179682 V3=0 T=0 M2=0 M3=68.6689901987882 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR115 CaseType=Combination P=-215.434016814253 V2=31.6883105885935 V3=0 T=0 M2=0 M3=64.6809956446212 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR115 CaseType=Combination P=-213.851985564253 V2=22.2378887135935 V3=0 T=0 M2=0 M3=59.6279061592599 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR116 CaseType=Combination P=-61.8731280313406 V2=52.5155895662881 V3=0 T=0 M2=0 M3=34.6684511994625 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR116 CaseType=Combination P=-60.7012530313406 V2=43.065167691288 V3=0 T=0 M2=0 M3=25.7102469057835 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR117 CaseType=Combination P=-68.4121418141332 V2=37.7639765619134 V3=0 T=0 M2=0 M3=22.861439721614 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR117 CaseType=Combination P=-67.2402668141332 V2=28.3135546869134 V3=0 T=0 M2=0 M3=16.6691628662552 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR118 CaseType=Combination P=-172.541380623134 V2=54.1701166939321 V3=0 T=0 M2=0 M3=75.0822586342635 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR118 CaseType=Combination P=-170.959349373134 V2=45.5641831001821 V3=0 T=0 M2=0 M3=65.7354408557137 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR119 CaseType=Combination P=-184.287944690033 V2=6.7827868539565 V3=0 T=0 M2=0 M3=56.1497441518362 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR119 CaseType=Combination P=-182.705913440033 V2=3.9637243539565 V3=0 T=0 M2=0 M3=55.1448661479693 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR120 CaseType=Combination P=-178.810403189534 V2=41.5535406651617 V3=0 T=0 M2=0 M3=65.6262090616406 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR120 CaseType=Combination P=-177.228371939534 V2=32.9476070714117 V3=0 T=0 M2=0 M3=58.6449992884853 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR121 CaseType=Combination P=-184.287944690126 V2=29.1643413392203 V3=0 T=0 M2=0 M3=55.6988093170315 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR121 CaseType=Combination P=-182.705913440126 V2=20.5584077454703 V3=0 T=0 M2=0 M3=51.0405744174902 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR122 CaseType=Combination P=-62.5010281894339 V2=45.8659272171076 V3=0 T=0 M2=0 M3=32.097174192038 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR122 CaseType=Combination P=-61.3291531894339 V2=37.2599936233576 V3=0 T=0 M2=0 M3=24.3073919403928 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR123 CaseType=Combination P=-67.9785696900265 V2=33.4767278911661 V3=0 T=0 M2=0 M3=22.1697744474289 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR123 CaseType=Combination P=-66.8066946900265 V2=24.8707942974161 V3=0 T=0 M2=0 M3=16.7029670693977 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR124 CaseType=Combination P=-92.1504446899491 V2=21.3702082677443 V3=0 T=0 M2=0 M3=29.5814769542709 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR124 CaseType=Combination P=-90.5684134399491 V2=15.2977395177443 V3=0 T=0 M2=0 M3=26.1494730603189 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR125 CaseType=Combination P=-92.1504446899738 V2=10.1975467183122 V3=0 T=0 M2=0 M3=29.8840316684111 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR125 CaseType=Combination P=-90.5684134399738 V2=7.3784842183122 V3=0 T=0 M2=0 M3=28.2388861899776 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR126 CaseType=Combination P=-184.287944690033 V2=4.90770845419012 V3=0 T=0 M2=0 M3=54.755594828625 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR126 CaseType=Combination P=-182.705913440033 V2=2.08864595419012 V3=0 T=0 M2=0 M3=54.1022940247143 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR127 CaseType=Combination P=-178.810403189533 V2=39.6784622653953 V3=0 T=0 M2=0 M3=64.2320597384294 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR127 CaseType=Combination P=-177.228371939533 V2=31.0725286716453 V3=0 T=0 M2=0 M3=57.6024271652303 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR128 CaseType=Combination P=-184.287944690126 V2=27.2892629394539 V3=0 T=0 M2=0 M3=54.3046599938203 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR128 CaseType=Combination P=-182.705913440126 V2=18.6833293457039 V3=0 T=0 M2=0 M3=49.9980022942352 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR129 CaseType=Combination P=-62.5010281894336 V2=43.9908488173412 V3=0 T=0 M2=0 M3=30.7030248688268 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR129 CaseType=Combination P=-61.3291531894336 V2=35.3849152235912 V3=0 T=0 M2=0 M3=23.2648198171379 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR130 CaseType=Combination P=-67.9785696900262 V2=31.6016494913998 V3=0 T=0 M2=0 M3=20.7756251242177 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR130 CaseType=Combination P=-66.8066946900262 V2=22.9957158976497 V3=0 T=0 M2=0 M3=15.6603949461428 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR131 CaseType=Combination P=-92.1504446899497 V2=25.120365067277 V3=0 T=0 M2=0 M3=32.3697756006932 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR131 CaseType=Combination P=-90.5684134399497 V2=19.047896317277 V3=0 T=0 M2=0 M3=28.2346173068288 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR132 CaseType=Combination P=-92.1504446899745 V2=13.947703517845 V3=0 T=0 M2=0 M3=32.6723303148334 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR132 CaseType=Combination P=-90.5684134399745 V2=11.128641017845 V3=0 T=0 M2=0 M3=30.3240304364875 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR133 CaseType=Combination P=-184.287944690033 V2=8.65786525372288 V3=0 T=0 M2=0 M3=57.5438934750473 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR133 CaseType=Combination P=-182.705913440033 V2=5.83880275372288 V3=0 T=0 M2=0 M3=56.1874382712243 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR134 CaseType=Combination P=-178.810403189534 V2=43.4286190649281 V3=0 T=0 M2=0 M3=67.0203583848517 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR134 CaseType=Combination P=-177.228371939534 V2=34.8226854711781 V3=0 T=0 M2=0 M3=59.6875714117402 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR135 CaseType=Combination P=-184.287944690127 V2=31.0394197389867 V3=0 T=0 M2=0 M3=57.0929586402426 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR135 CaseType=Combination P=-182.705913440127 V2=22.4334861452367 V3=0 T=0 M2=0 M3=52.0831465407451 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR136 CaseType=Combination P=-62.5010281894342 V2=47.741005616874 V3=0 T=0 M2=0 M3=33.4913235152492 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR136 CaseType=Combination P=-61.3291531894342 V2=39.135072023124 V3=0 T=0 M2=0 M3=25.3499640636478 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR137 CaseType=Combination P=-67.9785696900269 V2=35.3518062909325 V3=0 T=0 M2=0 M3=23.5639237706401 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR137 CaseType=Combination P=-66.8066946900269 V2=26.7458726971825 V3=0 T=0 M2=0 M3=17.7455391926527 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR138 CaseType=Combination P=-92.1504446899499 V2=25.1841177328692 V3=0 T=0 M2=0 M3=32.4171766776824 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR138 CaseType=Combination P=-90.5684134399499 V2=19.1116489828692 V3=0 T=0 M2=0 M3=28.2700647590195 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR139 CaseType=Combination P=-92.1504446899746 V2=14.0114561834371 V3=0 T=0 M2=0 M3=32.7197313918226 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR139 CaseType=Combination P=-90.5684134399746 V2=11.1923936834371 V3=0 T=0 M2=0 M3=30.3594778866782 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR140 CaseType=Combination P=-184.287944690034 V2=8.72161791931503 V3=0 T=0 M2=0 M3=57.5912945520365 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR140 CaseType=Combination P=-182.705913440034 V2=5.90255541931503 V3=0 T=0 M2=0 M3=56.222885723415 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR141 CaseType=Combination P=-178.810403189534 V2=43.4923717305202 V3=0 T=0 M2=0 M3=67.067759461841 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR141 CaseType=Combination P=-177.228371939534 V2=34.8864381367702 V3=0 T=0 M2=0 M3=59.7230188639309 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR142 CaseType=Combination P=-184.287944690127 V2=31.1031724045788 V3=0 T=0 M2=0 M3=57.1403597172318 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR142 CaseType=Combination P=-182.705913440127 V2=22.4972388108288 V3=0 T=0 M2=0 M3=52.118593929358 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR143 CaseType=Combination P=-62.5010281894344 V2=47.8047582824661 V3=0 T=0 M2=0 M3=33.5387245922384 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR143 CaseType=Combination P=-61.3291531894344 V2=39.1988246887161 V3=0 T=0 M2=0 M3=25.3854115158385 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR144 CaseType=Combination P=-67.978569690027 V2=35.4155589565247 V3=0 T=0 M2=0 M3=23.6113248476293 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR144 CaseType=Combination P=-66.806694690027 V2=26.8096253627747 V3=0 T=0 M2=0 M3=17.7809866448434 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR145 CaseType=Combination P=-93.2343750001187 V2=27.8540493401166 V3=0 T=0 M2=0 M3=35.2310235638325 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR145 CaseType=Combination P=-91.6523437501187 V2=21.7815805901166 V3=0 T=0 M2=0 M3=30.5832994688106 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR146 CaseType=Combination P=-93.2343750001434 V2=16.6813877906845 V3=0 T=0 M2=0 M3=35.5335782779727 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR146 CaseType=Combination P=-91.6523437501434 V2=13.8623252906845 V3=0 T=0 M2=0 M3=32.6727125984693 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR147 CaseType=Combination P=-216.084375000222 V2=8.33571606161606 V3=0 T=0 M2=0 M3=67.7346288914576 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR147 CaseType=Combination P=-214.502343750222 V2=5.51665356161606 V3=0 T=0 M2=0 M3=66.4385766611546 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR148 CaseType=Combination P=-209.545361217561 V2=49.2051811965317 V3=0 T=0 M2=0 M3=79.04124549428 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR148 CaseType=Combination P=-207.963329967561 V2=39.7547593215317 V3=0 T=0 M2=0 M3=70.7037427699303 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR149 CaseType=Combination P=-216.084375000354 V2=34.4535681921571 V3=0 T=0 M2=0 M3=67.2342340164314 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR149 CaseType=Combination P=-214.502343750354 V2=25.0031463171571 V3=0 T=0 M2=0 M3=61.662658730402 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=STR150 CaseType=Combination P=-62.5234862174422 V2=55.2808471698516 V3=0 T=0 M2=0 M3=37.2216895712728 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR150 CaseType=Combination P=-61.3516112174422 V2=45.8304252948516 V3=0 T=0 M2=0 M3=27.7449994769256 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR151 CaseType=Combination P=-69.0625000002348 V2=40.5292341654769 V3=0 T=0 M2=0 M3=25.4146780934242 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR151 CaseType=Combination P=-67.8906250002348 V2=31.0788122904769 V3=0 T=0 M2=0 M3=18.7039154373973 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR152 CaseType=Combination P=-173.191738809235 V2=56.9353742974957 V3=0 T=0 M2=0 M3=77.6354970060737 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR152 CaseType=Combination P=-171.609707559235 V2=48.3294407037457 V3=0 T=0 M2=0 M3=67.7701934268558 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR153 CaseType=Combination P=-185.371875000202 V2=11.3915495265624 V3=0 T=0 M2=0 M3=60.4051414381866 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR153 CaseType=Combination P=-183.789843750202 V2=8.57248702656244 V3=0 T=0 M2=0 M3=58.5361204332061 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR154 CaseType=Combination P=-179.894333499703 V2=46.1623033377677 V3=0 T=0 M2=0 M3=69.881606347991 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR154 CaseType=Combination P=-178.312302249703 V2=37.5563697440177 V3=0 T=0 M2=0 M3=62.036253573722 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR155 CaseType=Combination P=-185.371875000295 V2=33.7731040118262 V3=0 T=0 M2=0 M3=59.9542066033819 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR155 CaseType=Combination P=-183.789843750295 V2=25.1671704180762 V3=0 T=0 M2=0 M3=54.431828702727 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR156 CaseType=Combination P=-63.5849584996032 V2=50.4746898897135 V3=0 T=0 M2=0 M3=36.3525714783884 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR156 CaseType=Combination P=-62.4130834996032 V2=41.8687562959635 V3=0 T=0 M2=0 M3=27.6986462256296 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR157 CaseType=Combination P=-69.0625000001958 V2=38.0854905637721 V3=0 T=0 M2=0 M3=26.4251717337793 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR157 CaseType=Combination P=-67.8906250001958 V2=29.4795569700221 V3=0 T=0 M2=0 M3=20.0942213546345 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR158 CaseType=Combination P=-93.2343750001184 V2=25.9789709403502 V3=0 T=0 M2=0 M3=33.8368742406213 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR158 CaseType=Combination P=-91.6523437501184 V2=19.9065021903502 V3=0 T=0 M2=0 M3=29.5407273455556 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR159 CaseType=Combination P=-93.2343750001431 V2=14.8063093909181 V3=0 T=0 M2=0 M3=34.1394289547615 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR159 CaseType=Combination P=-91.6523437501431 V2=11.9872468909181 V3=0 T=0 M2=0 M3=31.6301404752144 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR160 CaseType=Combination P=-185.371875000202 V2=9.51647112679606 V3=0 T=0 M2=0 M3=59.0109921149754 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR160 CaseType=Combination P=-183.789843750202 V2=6.69740862679606 V3=0 T=0 M2=0 M3=57.4935483099511 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR161 CaseType=Combination P=-179.894333499702 V2=44.2872249380013 V3=0 T=0 M2=0 M3=68.4874570247798 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR161 CaseType=Combination P=-178.312302249702 V2=35.6812913442513 V3=0 T=0 M2=0 M3=60.9936814504671 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR162 CaseType=Combination P=-185.371875000295 V2=31.8980256120598 V3=0 T=0 M2=0 M3=58.5600572801707 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR162 CaseType=Combination P=-183.789843750295 V2=23.2920920183098 V3=0 T=0 M2=0 M3=53.389256579472 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR163 CaseType=Combination P=-63.5849584996029 V2=48.5996114899471 V3=0 T=0 M2=0 M3=34.9584221551772 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR163 CaseType=Combination P=-62.4130834996029 V2=39.9936778961971 V3=0 T=0 M2=0 M3=26.6560741023746 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR164 CaseType=Combination P=-69.0625000001955 V2=36.2104121640057 V3=0 T=0 M2=0 M3=25.0310224105681 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR164 CaseType=Combination P=-67.8906250001955 V2=27.6044785702557 V3=0 T=0 M2=0 M3=19.0516492313796 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR165 CaseType=Combination P=-93.234375000119 V2=29.729127739883 V3=0 T=0 M2=0 M3=36.6251728870436 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR165 CaseType=Combination P=-91.652343750119 V2=23.656658989883 V3=0 T=0 M2=0 M3=31.6258715920656 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR166 CaseType=Combination P=-93.2343750001438 V2=18.5564661904509 V3=0 T=0 M2=0 M3=36.9277276011838 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR166 CaseType=Combination P=-91.6523437501438 V2=15.7374036904509 V3=0 T=0 M2=0 M3=33.7152847217243 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR167 CaseType=Combination P=-185.371875000203 V2=13.2666279263288 V3=0 T=0 M2=0 M3=61.7992907613977 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR167 CaseType=Combination P=-183.789843750203 V2=10.4475654263288 V3=0 T=0 M2=0 M3=59.5786925564611 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR168 CaseType=Combination P=-179.894333499703 V2=48.037381737534 V3=0 T=0 M2=0 M3=71.2757556712021 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR168 CaseType=Combination P=-178.312302249703 V2=39.431448143784 V3=0 T=0 M2=0 M3=63.078825696977 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR169 CaseType=Combination P=-185.371875000296 V2=35.6481824115926 V3=0 T=0 M2=0 M3=61.348355926593 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR169 CaseType=Combination P=-183.789843750296 V2=27.0422488178426 V3=0 T=0 M2=0 M3=55.4744008259819 FrameElem=22-1  
ElemStation=0.1875

PROGETTO SDR

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Frame=22 Station=0 OutputCase=STR170 CaseType=Combination P=-63.5849584996035 V2=52.3497682894799 V3=0 T=0 M2=0 M3=37.7467208015996 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR170 CaseType=Combination P=-62.4130834996035 V2=43.7438346957299 V3=0 T=0 M2=0 M3=28.7412183488846 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR171 CaseType=Combination P=-69.0625000001962 V2=39.9605689635385 V3=0 T=0 M2=0 M3=27.8193210569905 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR171 CaseType=Combination P=-67.8906250001962 V2=31.3546353697885 V3=0 T=0 M2=0 M3=21.1367934778895 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR172 CaseType=Combination P=-93.8847331862198 V2=28.6804758783216 V3=0 T=0 M2=0 M3=36.3427115354423 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR172 CaseType=Combination P=-92.3027019362198 V2=22.6080071283216 V3=0 T=0 M2=0 M3=31.540032464507 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR173 CaseType=Combination P=-93.8847331862445 V2=17.5078143288896 V3=0 T=0 M2=0 M3=36.6452662495825 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR173 CaseType=Combination P=-92.3027019362445 V2=14.6887518288896 V3=0 T=0 M2=0 M3=33.6294455941658 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR174 CaseType=Combination P=-186.022233186303 V2=12.2179760647675 V3=0 T=0 M2=0 M3=61.5168294097964 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR174 CaseType=Combination P=-184.440201936303 V2=9.39891356476747 V3=0 T=0 M2=0 M3=59.4928534289025 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR175 CaseType=Combination P=-180.544691685804 V2=46.9887298759727 V3=0 T=0 M2=0 M3=70.9932943196008 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR175 CaseType=Combination P=-178.962660435804 V2=38.3827962822227 V3=0 T=0 M2=0 M3=62.9929865694185 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR176 CaseType=Combination P=-186.022233186397 V2=34.5995305500312 V3=0 T=0 M2=0 M3=61.0658945749917 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR176 CaseType=Combination P=-184.440201936397 V2=25.9935969562812 V3=0 T=0 M2=0 M3=55.3885616984234 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR177 CaseType=Combination P=-64.2353166857043 V2=51.3011164279186 V3=0 T=0 M2=0 M3=37.4642594499983 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR177 CaseType=Combination P=-63.0634416857043 V2=42.6951828341685 V3=0 T=0 M2=0 M3=28.655379221326 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR178 CaseType=Combination P=-69.7128581862969 V2=38.9119171019771 V3=0 T=0 M2=0 M3=27.5368597053892 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR178 CaseType=Combination P=-68.5409831862969 V2=30.3059835082271 V3=0 T=0 M2=0 M3=21.050954350331 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR179 CaseType=Combination P=-93.8847331862198 V2=28.6804758783216 V3=0 T=0 M2=0 M3=36.3427115354423 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR179 CaseType=Combination P=-92.3027019362198 V2=22.6080071283216 V3=0 T=0 M2=0 M3=31.540032464507 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR180 CaseType=Combination P=-92.5840168140176 V2=27.0276228019116 V3=0 T=0 M2=0 M3=34.1193355922226 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR180 CaseType=Combination P=-91.0019855640176 V2=20.9551540519116 V3=0 T=0 M2=0 M3=29.6265664731142 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR181 CaseType=Combination P=-92.5840168140424 V2=15.8549612524795 V3=0 T=0 M2=0 M3=34.4218903063628 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR181 CaseType=Combination P=-91.0019855640424 V2=13.0358987524795 V3=0 T=0 M2=0 M3=31.7159796027729 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR182 CaseType=Combination P=-184.721516814101 V2=10.5651229883574 V3=0 T=0 M2=0 M3=59.2934534665767 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR182 CaseType=Combination P=-183.139485564101 V2=7.74606048835741 V3=0 T=0 M2=0 M3=57.5793874375097 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR183 CaseType=Combination P=-179.243975313602 V2=45.3358767995626 V3=0 T=0 M2=0 M3=68.7699183763811 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR183 CaseType=Combination P=-177.661944063602 V2=36.7299432058126 V3=0 T=0 M2=0 M3=61.0795205780256 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR184 CaseType=Combination P=-184.721516814194 V2=32.9466774736212 V3=0 T=0 M2=0 M3=58.842518631772 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR184 CaseType=Combination P=-183.139485564194 V2=24.3407438798712 V3=0 T=0 M2=0 M3=53.4750957070305 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR185 CaseType=Combination P=-62.9346003135021 V2=49.6482633515085 V3=0 T=0 M2=0 M3=35.2408835067785 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR185 CaseType=Combination P=-61.7627253135021 V2=41.0423297577585 V3=0 T=0 M2=0 M3=26.7419132299332 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR186 CaseType=Combination P=-68.4121418140948 V2=37.259064025567 V3=0 T=0 M2=0 M3=25.3134837621694 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR186 CaseType=Combination P=-67.2402668140948 V2=28.653130431817 V3=0 T=0 M2=0 M3=19.1374883589381 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=STR187 CaseType=Combination P=-92.5840168140176 V2=27.0276228019116 V3=0 T=0 M2=0 M3=34.1193355922226 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=STR187 CaseType=Combination P=-91.0019855640176 V2=20.9551540519116 V3=0 T=0 M2=0 M3=29.6265664731142 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-61.8731280313406 V2=56.9353742974957 V3=0 T=0 M2=0 M3=79.04124549428 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVSTR CaseType=Combination StepType=Max P=-60.7012530313406 V2=48.3294407037457 V3=0 T=0 M2=0 M3=70.7037427699303 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-216.734733186455 V2=4.20860721314922 V3=0 T=0 M2=0 M3=20.5873175564835 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVSTR CaseType=Combination StepType=Min P=-215.152701936455 V2=1.38954471314922 V3=0 T=0 M2=0 M3=15.6031688611037 FrameElem=22-1 ElemStation=0.1875

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REV.  
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Frame=22 Station=0 OutputCase=SIS01 CaseType=Combination P=-53.592842935471 V2=52.5405507407351 V3=0 T=0 M2=0 M3=41.2280043335166 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS01 CaseType=Combination P=-52.471030435471 V2=45.7052382407351 V3=0 T=0 M2=0 M3=32.0200690383788 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS02 CaseType=Combination P=-53.5928429354708 V2=51.2384129631195 V3=0 T=0 M2=0 M3=40.2598450812866 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS02 CaseType=Combination P=-52.4710304354708 V2=44.4031004631195 V3=0 T=0 M2=0 M3=31.2960606194517 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS03 CaseType=Combination P=-53.5928429354712 V2=53.8426885183506 V3=0 T=0 M2=0 M3=42.1961635857466 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS03 CaseType=Combination P=-52.4710304354712 V2=47.0073760183506 V3=0 T=0 M2=0 M3=32.7440774573058 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS04 CaseType=Combination P=-54.0444805647078 V2=53.114458058933 V3=0 T=0 M2=0 M3=42.000098693568 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS04 CaseType=Combination P=-52.9226680647078 V2=46.279145558933 V3=0 T=0 M2=0 M3=32.6844669520568 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS05 CaseType=Combination P=-53.1412053062341 V2=51.9666434225371 V3=0 T=0 M2=0 M3=40.4559987976764 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS05 CaseType=Combination P=-52.0193928062341 V2=45.1313309225371 V3=0 T=0 M2=0 M3=31.3556711247007 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS06 CaseType=Combination P=-53.5928429354713 V2=53.8869612027896 V3=0 T=0 M2=0 M3=42.229081003224 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS06 CaseType=Combination P=-52.4710304354713 V2=47.0516487027896 V3=0 T=0 M2=0 M3=32.7686937435494 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS07 CaseType=Combination P=-54.0444805647076 V2=51.8123202813175 V3=0 T=0 M2=0 M3=41.0318506171268 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS07 CaseType=Combination P=-52.9226680647076 V2=44.9770077813175 V3=0 T=0 M2=0 M3=31.9604585331298 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS08 CaseType=Combination P=-53.1412053062339 V2=50.6645056449216 V3=0 T=0 M2=0 M3=39.4878395454464 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS08 CaseType=Combination P=-52.0193928062339 V2=43.8291931449216 V3=0 T=0 M2=0 M3=30.6316627057736 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS09 CaseType=Combination P=-53.5928429354711 V2=52.5848234251741 V3=0 T=0 M2=0 M3=41.2609217480924 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS09 CaseType=Combination P=-52.4710304354711 V2=45.7495109251741 V3=0 T=0 M2=0 M3=32.0446853246223 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS10 CaseType=Combination P=-59.4525929354975 V2=52.4414457888972 V3=0 T=0 M2=0 M3=42.8438084460774 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS10 CaseType=Combination P=-58.2306554354975 V2=45.6061332888972 V3=0 T=0 M2=0 M3=33.6544553294092 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS11 CaseType=Combination P=-59.4525929354973 V2=51.1393080112817 V3=0 T=0 M2=0 M3=41.8756491938474 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS11 CaseType=Combination P=-58.2306554354973 V2=44.3039955112817 V3=0 T=0 M2=0 M3=32.9304469104821 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS12 CaseType=Combination P=-59.4525929354977 V2=53.7435835665127 V3=0 T=0 M2=0 M3=43.8119676983074 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS12 CaseType=Combination P=-58.2306554354978 V2=46.9082710665127 V3=0 T=0 M2=0 M3=34.3784637483362 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS13 CaseType=Combination P=-59.9042305647344 V2=53.0153531070951 V3=0 T=0 M2=0 M3=43.6158139819176 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS13 CaseType=Combination P=-58.6822930647344 V2=46.1800406070951 V3=0 T=0 M2=0 M3=34.3188532430872 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS14 CaseType=Combination P=-59.0009553062607 V2=51.8675384706993 V3=0 T=0 M2=0 M3=42.0718029102372 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS14 CaseType=Combination P=-57.7790178062607 V2=45.0322259706993 V3=0 T=0 M2=0 M3=32.9900574157311 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS15 CaseType=Combination P=-59.4525929354979 V2=53.7878562509517 V3=0 T=0 M2=0 M3=43.8448851128832 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS15 CaseType=Combination P=-58.2306554354979 V2=46.9525437509517 V3=0 T=0 M2=0 M3=34.4030800345798 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS16 CaseType=Combination P=-59.9042305647341 V2=51.7132153294796 V3=0 T=0 M2=0 M3=42.6476547296876 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS16 CaseType=Combination P=-58.6822930647342 V2=44.8779028294796 V3=0 T=0 M2=0 M3=33.5948448241602 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS17 CaseType=Combination P=-59.0009553062604 V2=50.5654006930837 V3=0 T=0 M2=0 M3=41.1036436580072 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS17 CaseType=Combination P=-57.7790178062604 V2=43.7300881930837 V3=0 T=0 M2=0 M3=32.266048996804 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS18 CaseType=Combination P=-59.4525929354976 V2=52.4857184733362 V3=0 T=0 M2=0 M3=42.8767258606532 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS18 CaseType=Combination P=-58.2306554354976 V2=45.6504059733362 V3=0 T=0 M2=0 M3=33.6790716156527 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS19 CaseType=Combination P=-53.6764367662574 V2=39.06304818083 V3=0 T=0 M2=0 M3=30.1256457547289 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS19 CaseType=Combination P=-52.6714367662574 V2=32.45873568083 V3=0 T=0 M2=0 M3=23.4230859395733 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS20 CaseType=Combination P=-53.6764367662572 V2=37.7609104032144 V3=0 T=0 M2=0 M3=29.1574865024989 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS20 CaseType=Combination P=-52.6714367662572 V2=31.1565979032144 V3=0 T=0 M2=0 M3=22.6990775206462 FrameElem=22-1  
ElemStation=0.1875

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Frame=22 Station=0 OutputCase=SIS21 CaseType=Combination P=-53.6764367662576 V2=40.3651859584455 V3=0 T=0 M2=0 M3=31.0938050069589 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS21 CaseType=Combination P=-52.6714367662576 V2=33.7608734584455 V3=0 T=0 M2=0 M3=24.1470943585003 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS22 CaseType=Combination P=-54.1280743954943 V2=39.6369554990279 V3=0 T=0 M2=0 M3=30.8976512905691 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS22 CaseType=Combination P=-53.1230743954943 V2=33.0326429990279 V3=0 T=0 M2=0 M3=24.0874838532513 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS23 CaseType=Combination P=-53.2247991370205 V2=38.489140862632 V3=0 T=0 M2=0 M3=29.3536402188887 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS23 CaseType=Combination P=-52.2197991370205 V2=31.884828362632 V3=0 T=0 M2=0 M3=22.7586880258952 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS24 CaseType=Combination P=-53.6764367662577 V2=40.4094586428845 V3=0 T=0 M2=0 M3=31.1267224215347 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS24 CaseType=Combination P=-52.6714367662577 V2=33.8051461428845 V3=0 T=0 M2=0 M3=24.1717106447439 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS25 CaseType=Combination P=-54.128074395494 V2=38.3348177214124 V3=0 T=0 M2=0 M3=29.9294920383391 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS25 CaseType=Combination P=-53.123074395494 V2=31.7305052214124 V3=0 T=0 M2=0 M3=23.3634754343243 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS26 CaseType=Combination P=-53.2247991370203 V2=37.1870030850165 V3=0 T=0 M2=0 M3=28.3854809666587 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS26 CaseType=Combination P=-52.2197991370203 V2=30.5826905850165 V3=0 T=0 M2=0 M3=22.0346796069681 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS27 CaseType=Combination P=-53.6764367662575 V2=39.107320865269 V3=0 T=0 M2=0 M3=30.1585631693047 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS27 CaseType=Combination P=-52.6714367662575 V2=32.503008365269 V3=0 T=0 M2=0 M3=23.4477022258168 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS28 CaseType=Combination P=-73.2089367663459 V2=38.7326983413703 V3=0 T=0 M2=0 M3=35.5116594632649 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS28 CaseType=Combination P=-71.8701867663459 V2=32.1283858413703 V3=0 T=0 M2=0 M3=28.8710402430079 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS29 CaseType=Combination P=-73.2089367663456 V2=37.4305605637548 V3=0 T=0 M2=0 M3=34.5435002110349 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS29 CaseType=Combination P=-71.8701867663456 V2=30.8262480637548 V3=0 T=0 M2=0 M3=28.1470318240809 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS30 CaseType=Combination P=-73.2089367663461 V2=40.0348361189859 V3=0 T=0 M2=0 M3=36.4798187154949 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS30 CaseType=Combination P=-71.8701867663461 V2=33.4305236189859 V3=0 T=0 M2=0 M3=29.595048661935 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS31 CaseType=Combination P=-73.6605743955827 V2=39.3066056595683 V3=0 T=0 M2=0 M3=36.2836649991051 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS31 CaseType=Combination P=-72.3218243955827 V2=32.7022931595683 V3=0 T=0 M2=0 M3=29.535438156686 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS32 CaseType=Combination P=-72.757299137109 V2=38.1587910231724 V3=0 T=0 M2=0 M3=34.7396539274247 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS32 CaseType=Combination P=-71.418549137109 V2=31.5544785231724 V3=0 T=0 M2=0 M3=28.2066423293299 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS33 CaseType=Combination P=-73.2089367663462 V2=40.0791088034249 V3=0 T=0 M2=0 M3=36.5127361300707 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS33 CaseType=Combination P=-71.8701867663462 V2=33.4747963034249 V3=0 T=0 M2=0 M3=29.6196649481785 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS34 CaseType=Combination P=-73.6605743955825 V2=38.0044678819527 V3=0 T=0 M2=0 M3=35.3155057468751 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS34 CaseType=Combination P=-72.3218243955825 V2=31.4001553819527 V3=0 T=0 M2=0 M3=28.8114297377589 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS35 CaseType=Combination P=-72.7572991371088 V2=36.8566532455569 V3=0 T=0 M2=0 M3=33.7714946751947 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS35 CaseType=Combination P=-71.4185491371088 V2=30.2523407455569 V3=0 T=0 M2=0 M3=27.4826339104028 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=SIS36 CaseType=Combination P=-73.208936766346 V2=38.7769710258093 V3=0 T=0 M2=0 M3=35.5445768778407 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=SIS36 CaseType=Combination P=-71.870186766346 V2=32.1726585258093 V3=0 T=0 M2=0 M3=28.8956565292515 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-53.1412053062339 V2=53.8869612027896 V3=0 T=0 M2=0 M3=43.8448851128832 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVSIS CaseType=Combination StepType=Max P=-52.0193928062339 V2=47.0516487027896 V3=0 T=0 M2=0 M3=34.4030800345798 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-73.6605743955827 V2=36.8566532455569 V3=0 T=0 M2=0 M3=28.3854809666587 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVSIS CaseType=Combination StepType=Min P=-72.3218243955827 V2=30.2523407455569 V3=0 T=0 M2=0 M3=22.0346796069681 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR001 CaseType=Combination P=-69.062500000873 V2=18.2390105416191 V3=0 T=0 M2=0 M3=24.3173626396285 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR001 CaseType=Combination P=-67.8906250000873 V2=13.7408855416191 V3=0 T=0 M2=0 M3=21.3234075380749 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR002 CaseType=Combination P=-160.06250000016 V2=7.24801935069141 V3=0 T=0 M2=0 M3=49.038029931526 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR002 CaseType=Combination P=-158.89062500016 V2=4.42895685069141 V3=0 T=0 M2=0 M3=47.945920296148 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR003 CaseType=Combination P=-155.733944301348 V2=33.8210361621738 V3=0 T=0 M2=0 M3=56.5178471618206 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR003 CaseType=Combination P=-154.562069301348 V2=26.8207236621738 V3=0 T=0 M2=0 M3=50.834527881413 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR004 CaseType=Combination P=-160.062500000262 V2=24.0849904642952 V3=0 T=0 M2=0 M3=48.7353211972082 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR004 CaseType=Combination P=-158.890625000262 V2=17.0846779642952 V3=0 T=0 M2=0 M3=44.8775104851528 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR005 CaseType=Combination P=-64.7339443012897 V2=39.0455677810598 V3=0 T=0 M2=0 M3=31.953340336918 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR005 CaseType=Combination P=-63.5620693012897 V2=32.0452552810598 V3=0 T=0 M2=0 M3=25.2904213779693 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR006 CaseType=Combination P=-69.0625000002037 V2=29.3095220831812 V3=0 T=0 M2=0 M3=24.1708143723056 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR006 CaseType=Combination P=-67.8906250002037 V2=22.3092095831812 V3=0 T=0 M2=0 M3=19.3334039817091 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR007 CaseType=Combination P=-128.805335109995 V2=39.5471051258508 V3=0 T=0 M2=0 M3=55.4765519853715 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR007 CaseType=Combination P=-127.633460109995 V2=33.1723395008508 V3=0 T=0 M2=0 M3=48.6615283680245 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR008 CaseType=Combination P=-69.0625000001014 V2=9.86827541434633 V3=0 T=0 M2=0 M3=22.5372040637901 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR008 CaseType=Combination P=-67.8906250001014 V2=7.04921291434633 V3=0 T=0 M2=0 M3=20.9537969548501 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR009 CaseType=Combination P=-160.06250000016 V2=5.68545401755276 V3=0 T=0 M2=0 M3=47.8762382904766 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR009 CaseType=Combination P=-158.89062500016 V2=2.86639151755276 V3=0 T=0 M2=0 M3=47.0771101934355 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR010 CaseType=Combination P=-155.733944301348 V2=32.2584708290351 V3=0 T=0 M2=0 M3=55.3560560591446 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR010 CaseType=Combination P=-154.562069301348 V2=25.2581583290351 V3=0 T=0 M2=0 M3=49.965717787006 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR011 CaseType=Combination P=-160.062500000262 V2=22.5224251311566 V3=0 T=0 M2=0 M3=47.5735300945322 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR011 CaseType=Combination P=-158.890625000262 V2=15.5221126311566 V3=0 T=0 M2=0 M3=44.0087003824404 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR012 CaseType=Combination P=-64.7339443012895 V2=37.4830024479211 V3=0 T=0 M2=0 M3=30.791549234242 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR012 CaseType=Combination P=-63.5620693012895 V2=30.4826899479211 V3=0 T=0 M2=0 M3=24.4216112752568 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR013 CaseType=Combination P=-69.0625000002035 V2=27.7469567500426 V3=0 T=0 M2=0 M3=23.0090232696296 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR013 CaseType=Combination P=-67.8906250002035 V2=20.7466442500426 V3=0 T=0 M2=0 M3=18.4645938789966 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR014 CaseType=Combination P=-128.805335109995 V2=37.9845397927121 V3=0 T=0 M2=0 M3=54.3147608826956 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR014 CaseType=Combination P=-127.633460109995 V2=31.6097741677121 V3=0 T=0 M2=0 M3=47.792718265312 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR015 CaseType=Combination P=-137.312500000145 V2=5.94987670018183 V3=0 T=0 M2=0 M3=40.960584182467 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR015 CaseType=Combination P=-136.140625000145 V2=3.13081420018183 V3=0 T=0 M2=0 M3=40.1118768324329 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR016 CaseType=Combination P=-133.770220065896 V2=28.005329568175 V3=0 T=0 M2=0 M3=47.084734030381 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR016 CaseType=Combination P=-132.598345065896 V2=21.630563943175 V3=0 T=0 M2=0 M3=42.4337933300981 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR017 CaseType=Combination P=-137.312500000218 V2=20.0192199283951 V3=0 T=0 M2=0 M3=40.6945130533533 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR017 CaseType=Combination P=-136.140625000218 V2=13.6444543033951 V3=0 T=0 M2=0 M3=37.5409679105292 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR018 CaseType=Combination P=-65.5202200658528 V2=31.9237282823395 V3=0 T=0 M2=0 M3=28.661353911704 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR018 CaseType=Combination P=-64.3483450658528 V2=25.5489626573395 V3=0 T=0 M2=0 M3=23.2757134525153 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR019 CaseType=Combination P=-69.0625000001742 V2=23.9376186425596 V3=0 T=0 M2=0 M3=22.2711329346764 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR019 CaseType=Combination P=-67.8906250001742 V2=17.5628530175596 V3=0 T=0 M2=0 M3=18.3828880329464 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR020 CaseType=Combination P=-69.6044651551856 V2=10.5569641961839 V3=0 T=0 M2=0 M3=23.4636107067983 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR020 CaseType=Combination P=-68.4325901551856 V2=7.73790169618386 V3=0 T=0 M2=0 M3=21.7510744512638 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR021 CaseType=Combination P=-137.854465155229 V2=6.63856548201935 V3=0 T=0 M2=0 M3=41.8869908254752 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR021 CaseType=Combination P=-136.682590155229 V2=3.81950298201935 V3=0 T=0 M2=0 M3=40.9091543288466 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR022 CaseType=Combination P=-134.312185220981 V2=28.6940183500125 V3=0 T=0 M2=0 M3=48.0111406733892 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR022 CaseType=Combination P=-133.140310220981 V2=22.3192527250125 V3=0 T=0 M2=0 M3=43.2310708265118 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR023 CaseType=Combination P=-137.854465155302 V2=20.7079087102326 V3=0 T=0 M2=0 M3=41.6209196963615 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR023 CaseType=Combination P=-136.682590155302 V2=14.3331430852326 V3=0 T=0 M2=0 M3=38.3382454069429 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR024 CaseType=Combination P=-66.062185220937 V2=32.612417064177 V3=0 T=0 M2=0 M3=29.5877605547122 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR024 CaseType=Combination P=-64.890310220937 V2=26.237651439177 V3=0 T=0 M2=0 M3=24.072990948929 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR025 CaseType=Combination P=-69.6044651552584 V2=24.6263074243971 V3=0 T=0 M2=0 M3=23.1975395776846 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR025 CaseType=Combination P=-68.4325901552584 V2=18.2515417993971 V3=0 T=0 M2=0 M3=19.1801655293601 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR026 CaseType=Combination P=-68.5205348450172 V2=9.1795866325088 V3=0 T=0 M2=0 M3=21.6107974207818 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR026 CaseType=Combination P=-67.3486598450172 V2=6.3605241325088 V3=0 T=0 M2=0 M3=20.1565194584364 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR027 CaseType=Combination P=-136.770534845061 V2=5.2611879183443 V3=0 T=0 M2=0 M3=40.0341775394588 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR027 CaseType=Combination P=-135.598659845061 V2=2.4421254183443 V3=0 T=0 M2=0 M3=39.3145993360192 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR028 CaseType=Combination P=-133.228254910812 V2=27.3166407863375 V3=0 T=0 M2=0 M3=46.1583273873727 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR028 CaseType=Combination P=-132.056379910812 V2=20.9418751613375 V3=0 T=0 M2=0 M3=41.6365158336845 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR029 CaseType=Combination P=-136.770534845134 V2=19.3305311465576 V3=0 T=0 M2=0 M3=39.7681064103451 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR029 CaseType=Combination P=-135.598659845134 V2=12.9557655215576 V3=0 T=0 M2=0 M3=36.7436904141155 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR030 CaseType=Combination P=-64.9782549107685 V2=31.235039500502 V3=0 T=0 M2=0 M3=27.7349472686958 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR030 CaseType=Combination P=-63.8063799107685 V2=24.860273875502 V3=0 T=0 M2=0 M3=22.4784359561017 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR031 CaseType=Combination P=-68.5205348450899 V2=23.2489298607221 V3=0 T=0 M2=0 M3=21.3447262916681 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR031 CaseType=Combination P=-67.3486598450899 V2=16.8741642357221 V3=0 T=0 M2=0 M3=17.5856105365328 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR032 CaseType=Combination P=-69.062500001018 V2=11.4839679688118 V3=0 T=0 M2=0 M3=23.738496063957 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR032 CaseType=Combination P=-67.8906250001018 V2=8.66490546881177 V3=0 T=0 M2=0 M3=21.8521466010548 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR033 CaseType=Combination P=-137.312500001145 V2=7.56556925464727 V3=0 T=0 M2=0 M3=42.161876182634 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR033 CaseType=Combination P=-136.140625000145 V2=4.74650675464727 V3=0 T=0 M2=0 M3=41.0102264786376 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR034 CaseType=Combination P=-133.770220065897 V2=29.6210221226404 V3=0 T=0 M2=0 M3=48.2860260305479 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR034 CaseType=Combination P=-132.598345065897 V2=23.2462564976404 V3=0 T=0 M2=0 M3=43.3321429763028 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR035 CaseType=Combination P=-137.312500000218 V2=21.6349124828605 V3=0 T=0 M2=0 M3=41.8958050535203 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR035 CaseType=Combination P=-136.140625000218 V2=15.2601468578605 V3=0 T=0 M2=0 M3=38.4393175567339 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR036 CaseType=Combination P=-65.5202200658532 V2=33.5394208368049 V3=0 T=0 M2=0 M3=29.862645911871 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR036 CaseType=Combination P=-64.3483450658532 V2=27.1646552118049 V3=0 T=0 M2=0 M3=24.1740630987201 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR037 CaseType=Combination P=-69.0625000001746 V2=25.553311197025 V3=0 T=0 M2=0 M3=23.4724249348433 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR037 CaseType=Combination P=-67.8906250001746 V2=19.178545572025 V3=0 T=0 M2=0 M3=19.2812376791511 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR038 CaseType=Combination P=-69.0625000001023 V2=15.0768265248085 V3=0 T=0 M2=0 M3=26.40984107271 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR038 CaseType=Combination P=-67.8906250001023 V2=12.2577640248085 V3=0 T=0 M2=0 M3=23.8498306305584 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR039 CaseType=Combination P=-160.06250000016 V2=8.81058468383006 V3=0 T=0 M2=0 M3=50.1998204958286 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR039 CaseType=Combination P=-158.89062500016 V2=5.99152218383006 V3=0 T=0 M2=0 M3=48.8147303988604 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR040 CaseType=Combination P=-155.733944301348 V2=35.3836014953124 V3=0 T=0 M2=0 M3=57.6796382644966 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR040 CaseType=Combination P=-154.562069301348 V2=28.3832889953124 V3=0 T=0 M2=0 M3=51.7033379841255 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR041 CaseType=Combination P=-160.062500000262 V2=25.6475557974339 V3=0 T=0 M2=0 M3=49.8971122998841 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR041 CaseType=Combination P=-158.890625000262 V2=18.6472432974339 V3=0 T=0 M2=0 M3=45.7463205878653 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR042 CaseType=Combination P=-64.73394430129 V2=40.6081331141984 V3=0 T=0 M2=0 M3=33.115191439594 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR042 CaseType=Combination P=-63.56206930129 V2=33.6078206141984 V3=0 T=0 M2=0 M3=26.1592314806818 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR043 CaseType=Combination P=-69.06250000204 V2=30.8720874163199 V3=0 T=0 M2=0 M3=25.3326054749816 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR043 CaseType=Combination P=-67.890625000204 V2=23.8717749163199 V3=0 T=0 M2=0 M3=20.2022140844216 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR044 CaseType=Combination P=-128.805335109995 V2=41.1096704589894 V3=0 T=0 M2=0 M3=56.6383430880475 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR044 CaseType=Combination P=-127.633460109995 V2=34.7349048339894 V3=0 T=0 M2=0 M3=49.530338470737 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR045 CaseType=Combination P=-137.312500000146 V2=11.158427810644 V3=0 T=0 M2=0 M3=44.8332211913869 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR045 CaseType=Combination P=-136.140625000146 V2=8.33936531064399 V3=0 T=0 M2=0 M3=43.0079105081412  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR046 CaseType=Combination P=-133.770220065897 V2=33.2138806786371 V3=0 T=0 M2=0 M3=50.9573710393009 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR046 CaseType=Combination P=-132.598345065897 V2=26.8391150536371 V3=0 T=0 M2=0 M3=45.3298270058064  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR047 CaseType=Combination P=-137.312500000219 V2=25.2277710388572 V3=0 T=0 M2=0 M3=44.5671500622732 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR047 CaseType=Combination P=-136.140625000219 V2=18.8530054138572 V3=0 T=0 M2=0 M3=40.4370015862375  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR048 CaseType=Combination P=-65.5202200658537 V2=37.1322793928016 V3=0 T=0 M2=0 M3=32.5339909206239 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR048 CaseType=Combination P=-64.3483450658537 V2=30.7575137678016 V3=0 T=0 M2=0 M3=26.1717471282236  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR049 CaseType=Combination P=-69.0625000001751 V2=29.1461697530218 V3=0 T=0 M2=0 M3=26.1437699435963 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR049 CaseType=Combination P=-67.8906250001751 V2=22.7714041280218 V3=0 T=0 M2=0 M3=21.2789217086547  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR050 CaseType=Combination P=-69.6044651551865 V2=15.765515306646 V3=0 T=0 M2=0 M3=27.3362477157182 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR050 CaseType=Combination P=-68.4325901551865 V2=12.946452806646 V3=0 T=0 M2=0 M3=24.6471081269721 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR051 CaseType=Combination P=-137.85446515523 V2=11.8471165924815 V3=0 T=0 M2=0 M3=45.7596278343951 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR051 CaseType=Combination P=-136.68259015523 V2=9.02805409248152 V3=0 T=0 M2=0 M3=43.8051880045549 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR052 CaseType=Combination P=-134.312185220982 V2=33.9025694604747 V3=0 T=0 M2=0 M3=51.8837776823091 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR052 CaseType=Combination P=-133.140310220982 V2=27.5278038354747 V3=0 T=0 M2=0 M3=46.1271045022201  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR053 CaseType=Combination P=-137.854465155303 V2=25.9164598206948 V3=0 T=0 M2=0 M3=45.4935567052814 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR053 CaseType=Combination P=-136.682590155303 V2=19.5416941956948 V3=0 T=0 M2=0 M3=41.2342790826512  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR054 CaseType=Combination P=-66.0621852209379 V2=37.8209681746392 V3=0 T=0 M2=0 M3=33.4603975636321 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR054 CaseType=Combination P=-64.8903102209379 V2=31.4462025496392 V3=0 T=0 M2=0 M3=26.9690246246373  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR055 CaseType=Combination P=-69.6044651552593 V2=29.8348585348593 V3=0 T=0 M2=0 M3=27.0701765866045 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR055 CaseType=Combination P=-68.4325901552593 V2=23.4600929098593 V3=0 T=0 M2=0 M3=22.0761992050684  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR056 CaseType=Combination P=-68.5205348450181 V2=14.388137742971 V3=0 T=0 M2=0 M3=25.4834344297017 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR056 CaseType=Combination P=-67.3486598450181 V2=11.569075242971 V3=0 T=0 M2=0 M3=23.0525531341447 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR057 CaseType=Combination P=-136.770534845062 V2=10.4697390288065 V3=0 T=0 M2=0 M3=43.9068145483787 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR057 CaseType=Combination P=-135.598659845062 V2=7.65067652880647 V3=0 T=0 M2=0 M3=42.2106330117275  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR058 CaseType=Combination P=-133.228254910813 V2=32.5251918967996 V3=0 T=0 M2=0 M3=50.0309643962926 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR058 CaseType=Combination P=-132.056379910813 V2=26.1504262717996 V3=0 T=0 M2=0 M3=44.5325495093927  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR059 CaseType=Combination P=-136.770534845135 V2=24.5390822570197 V3=0 T=0 M2=0 M3=43.640743419265 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR059 CaseType=Combination P=-135.598659845135 V2=18.1643166320197 V3=0 T=0 M2=0 M3=39.6397240898238  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR060 CaseType=Combination P=-64.9782549107694 V2=36.4435906109641 V3=0 T=0 M2=0 M3=31.6075842776157 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR060 CaseType=Combination P=-63.8063799107694 V2=30.0688249859641 V3=0 T=0 M2=0 M3=25.3744696318099  
FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR061 CaseType=Combination P=-68.5205348450909 V2=28.4574809711842 V3=0 T=0 M2=0 M3=25.2173633005881 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR061 CaseType=Combination P=-67.3486598450909 V2=22.0827153461842 V3=0 T=0 M2=0 M3=20.481644212241 FrameElem=22-  
1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR062 CaseType=Combination P=-69.0625000001027 V2=16.6925190792739 V3=0 T=0 M2=0 M3=27.611133072877 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR062 CaseType=Combination P=-67.8906250001027 V2=13.8734565792739 V3=0 T=0 M2=0 M3=24.7481802767631  
FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR063 CaseType=Combination P=-137.312500000146 V2=12.7741203651094 V3=0 T=0 M2=0 M3=46.0345131915539 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR063 CaseType=Combination P=-136.140625000146 V2=9.95505786510944 V3=0 T=0 M2=0 M3=43.9062601543459 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR064 CaseType=Combination P=-133.770220065898 V2=34.8295732331026 V3=0 T=0 M2=0 M3=52.1586630394678 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR064 CaseType=Combination P=-132.598345065898 V2=28.4548076081026 V3=0 T=0 M2=0 M3=46.2281766520111 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR065 CaseType=Combination P=-137.312500000219 V2=26.8434635933227 V3=0 T=0 M2=0 M3=45.7684420624402 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR065 CaseType=Combination P=-136.140625000219 V2=20.4686979683227 V3=0 T=0 M2=0 M3=41.3353512324422 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR066 CaseType=Combination P=-65.5202200658541 V2=38.7479719472671 V3=0 T=0 M2=0 M3=33.7352829207909 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR066 CaseType=Combination P=-64.3483450658541 V2=32.3732063222671 V3=0 T=0 M2=0 M3=27.0700967744283 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR067 CaseType=Combination P=-69.0625000001755 V2=30.7618623074872 V3=0 T=0 M2=0 M3=27.3450619437633 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR067 CaseType=Combination P=-67.8906250001755 V2=24.3870966824872 V3=0 T=0 M2=0 M3=22.1772713548594 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR068 CaseType=Combination P=-69.9657752585756 V2=13.6203656059733 V3=0 T=0 M2=0 M3=26.0175336399304 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR068 CaseType=Combination P=-68.7939002585756 V2=10.8013031059733 V3=0 T=0 M2=0 M3=23.7306096200604 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR069 CaseType=Combination P=-160.604465155244 V2=7.93670813252893 V3=0 T=0 M2=0 M3=49.9644360361608 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR069 CaseType=Combination P=-159.432590155244 V2=5.11764563252894 V3=0 T=0 M2=0 M3=48.7431977925617 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR070 CaseType=Combination P=-156.275909456432 V2=34.5097249440113 V3=0 T=0 M2=0 M3=57.4442538048288 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR070 CaseType=Combination P=-155.104034456432 V2=27.5094124440113 V3=0 T=0 M2=0 M3=51.6318053778267 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR071 CaseType=Combination P=-160.604465155346 V2=24.7736792461327 V3=0 T=0 M2=0 M3=49.6617278402164 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR071 CaseType=Combination P=-159.432590155346 V2=17.7733667461327 V3=0 T=0 M2=0 M3=45.647879815665 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR072 CaseType=Combination P=-65.275909456374 V2=39.7342565628973 V3=0 T=0 M2=0 M3=32.8797469799262 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR072 CaseType=Combination P=-64.104034456374 V2=32.7339440628973 V3=0 T=0 M2=0 M3=26.087698874383 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR073 CaseType=Combination P=-69.604465155288 V2=29.9982108650187 V3=0 T=0 M2=0 M3=25.0972210153138 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR073 CaseType=Combination P=-68.432590155288 V2=22.9978983650187 V3=0 T=0 M2=0 M3=20.1306814781228 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR074 CaseType=Combination P=-129.347300265079 V2=40.2357939076883 V3=0 T=0 M2=0 M3=56.4029586283798 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR074 CaseType=Combination P=-128.175425265079 V2=33.8610282826883 V3=0 T=0 M2=0 M3=49.4588058644382 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR075 CaseType=Combination P=-138.215775258619 V2=9.70196689180879 V3=0 T=0 M2=0 M3=44.4409137586073 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR075 CaseType=Combination P=-137.043900258619 V2=6.88290439180879 V3=0 T=0 M2=0 M3=42.8886894976432 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR076 CaseType=Combination P=-134.673495324371 V2=31.7574197598019 V3=0 T=0 M2=0 M3=50.5650636065213 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR076 CaseType=Combination P=-133.501620324371 V2=25.3826541348019 V3=0 T=0 M2=0 M3=45.2106059953084 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR077 CaseType=Combination P=-138.215775258692 V2=23.771310120022 V3=0 T=0 M2=0 M3=44.1748426294936 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR077 CaseType=Combination P=-137.043900258692 V2=17.396544495022 V3=0 T=0 M2=0 M3=40.3177805757395 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR078 CaseType=Combination P=-66.4234953243269 V2=35.6758184739664 V3=0 T=0 M2=0 M3=32.1416834878443 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR078 CaseType=Combination P=-65.2516203243269 V2=29.3010528489664 V3=0 T=0 M2=0 M3=26.0525261177256 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR079 CaseType=Combination P=-69.9657752586483 V2=27.6897088341865 V3=0 T=0 M2=0 M3=25.7514625108167 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR079 CaseType=Combination P=-68.7939002586483 V2=21.3149432091865 V3=0 T=0 M2=0 M3=21.1597006981567 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR080 CaseType=Combination P=-69.9657752585753 V2=12.0578002728346 V3=0 T=0 M2=0 M3=24.8557425372544 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR080 CaseType=Combination P=-68.7939002585753 V2=9.23873777283464 V3=0 T=0 M2=0 M3=22.8617995173479 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR081 CaseType=Combination P=-138.215775258619 V2=8.13940155867014 V3=0 T=0 M2=0 M3=43.2791226559314 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR081 CaseType=Combination P=-137.043900258619 V2=5.32033905867014 V3=0 T=0 M2=0 M3=42.0198793949307 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR082 CaseType=Combination P=-134.67349532437 V2=30.1948544266633 V3=0 T=0 M2=0 M3=49.4032725038453 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR082 CaseType=Combination P=-133.50162032437 V2=23.820088016633 V3=0 T=0 M2=0 M3=44.3417958925959 FrameElem=22-1 ElemStation=0.1875

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3782004RCECOAIDA1100000100

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Frame=22 Station=0 OutputCase=RAR083 CaseType=Combination P=-138.215775258692 V2=22.2087447868834 V3=0 T=0 M2=0 M3=43.0130515268177 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR083 CaseType=Combination P=-137.043900258692 V2=15.8339791618834 V3=0 T=0 M2=0 M3=39.448970473027 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR084 CaseType=Combination P=-66.4234953243267 V2=34.1132531408278 V3=0 T=0 M2=0 M3=30.9798923851683 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR084 CaseType=Combination P=-65.2516203243267 V2=27.7384875158278 V3=0 T=0 M2=0 M3=25.1837160150131 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR085 CaseType=Combination P=-69.9657752586481 V2=26.1271435010479 V3=0 T=0 M2=0 M3=24.5896714081407 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR085 CaseType=Combination P=-68.7939002586481 V2=19.7523778760479 V3=0 T=0 M2=0 M3=20.2908905954442 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR086 CaseType=Combination P=-69.9657752585758 V2=15.1829309391119 V3=0 T=0 M2=0 M3=27.1793247426063 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR086 CaseType=Combination P=-68.7939002585758 V2=12.3638684391119 V3=0 T=0 M2=0 M3=24.5994197227729 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR087 CaseType=Combination P=-138.21577525862 V2=11.2645322249474 V3=0 T=0 M2=0 M3=45.6027048612833 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR087 CaseType=Combination P=-137.04390025862 V2=8.4454697249474 V3=0 T=0 M2=0 M3=43.7574996003556 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR088 CaseType=Combination P=-134.673495324371 V2=33.3199850929406 V3=0 T=0 M2=0 M3=51.7268547091972 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR088 CaseType=Combination P=-133.501620324371 V2=26.9452194679406 V3=0 T=0 M2=0 M3=46.0794160980209 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR089 CaseType=Combination P=-138.215775258692 V2=25.3338754531607 V3=0 T=0 M2=0 M3=45.3366337321696 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR089 CaseType=Combination P=-137.043900258692 V2=18.9591098281607 V3=0 T=0 M2=0 M3=41.186590678452 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR090 CaseType=Combination P=-66.4234953243272 V2=37.2383838071051 V3=0 T=0 M2=0 M3=33.3034745905203 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR090 CaseType=Combination P=-65.2516203243272 V2=30.8636181821051 V3=0 T=0 M2=0 M3=26.9213362204381 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR091 CaseType=Combination P=-69.9657752586486 V2=29.2522741673252 V3=0 T=0 M2=0 M3=26.9132536134927 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR091 CaseType=Combination P=-68.7939002586486 V2=22.8775085423252 V3=0 T=0 M2=0 M3=22.0285108008692 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR092 CaseType=Combination P=-69.965775258576 V2=15.2360581604387 V3=0 T=0 M2=0 M3=27.2188256400974 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR092 CaseType=Combination P=-68.793900258576 V2=12.4169956604387 V3=0 T=0 M2=0 M3=24.6289592662651 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR093 CaseType=Combination P=-138.21577525862 V2=11.3176594462742 V3=0 T=0 M2=0 M3=45.6422057587743 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR093 CaseType=Combination P=-137.04390025862 V2=8.49859694627423 V3=0 T=0 M2=0 M3=43.7870391438479 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR094 CaseType=Combination P=-134.673495324371 V2=33.3731123142674 V3=0 T=0 M2=0 M3=51.7663556066882 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR094 CaseType=Combination P=-133.501620324371 V2=26.9983466892674 V3=0 T=0 M2=0 M3=46.1089556415131 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR095 CaseType=Combination P=-138.215775258692 V2=25.3870026744875 V3=0 T=0 M2=0 M3=45.3761346296606 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR095 CaseType=Combination P=-137.043900258692 V2=19.0122370494875 V3=0 T=0 M2=0 M3=41.2161302219442 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR096 CaseType=Combination P=-66.4234953243273 V2=37.2915110284319 V3=0 T=0 M2=0 M3=33.3429754880113 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR096 CaseType=Combination P=-65.2516203243273 V2=30.9167454034319 V3=0 T=0 M2=0 M3=26.9508757639303 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR097 CaseType=Combination P=-69.9657752586487 V2=29.305401388652 V3=0 T=0 M2=0 M3=26.9527545109837 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR097 CaseType=Combination P=-68.7939002586487 V2=22.930635763652 V3=0 T=0 M2=0 M3=22.0580503443614 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR098 CaseType=Combination P=-68.1592247416282 V2=11.3247363331815 V3=0 T=0 M2=0 M3=22.9295114965696 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR098 CaseType=Combination P=-66.9873497416282 V2=8.50567383318153 V3=0 T=0 M2=0 M3=21.0730179653481 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR099 CaseType=Combination P=-159.520534845076 V2=6.55933056885388 V3=0 T=0 M2=0 M3=48.1116227501444 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR099 CaseType=Combination P=-158.348659845076 V2=3.74026806885388 V3=0 T=0 M2=0 M3=47.1486427997343 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR100 CaseType=Combination P=-155.191979146264 V2=33.1323473803363 V3=0 T=0 M2=0 M3=55.5914405188124 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR100 CaseType=Combination P=-154.020104146264 V2=26.1320348803363 V3=0 T=0 M2=0 M3=50.0372503849993 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR101 CaseType=Combination P=-159.520534845178 V2=23.3963016824577 V3=0 T=0 M2=0 M3=47.8089145542 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR101 CaseType=Combination P=-158.348659845178 V2=16.3959891824577 V3=0 T=0 M2=0 M3=44.0802329887391 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR102 CaseType=Combination P=-64.1919791462055 V2=38.3568789992223 V3=0 T=0 M2=0 M3=31.0269336939098 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR102 CaseType=Combination P=-63.0201041462055 V2=31.3565664992223 V3=0 T=0 M2=0 M3=24.4931438815556 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR103 CaseType=Combination P=-68.5205348451195 V2=28.6208333013437 V3=0 T=0 M2=0 M3=23.2444077292974 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR103 CaseType=Combination P=-67.3486598451195 V2=21.6205208013437 V3=0 T=0 M2=0 M3=18.5361264852954 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR104 CaseType=Combination P=-128.263369954911 V2=38.8584163440133 V3=0 T=0 M2=0 M3=54.5501453423633 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR104 CaseType=Combination P=-127.091494954911 V2=32.4836507190133 V3=0 T=0 M2=0 M3=47.8642508716108 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR105 CaseType=Combination P=-136.409224741672 V2=7.40633761901703 V3=0 T=0 M2=0 M3=41.3528916152466 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR105 CaseType=Combination P=-135.237349741672 V2=4.58727511901703 V3=0 T=0 M2=0 M3=40.2310978429309 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR106 CaseType=Combination P=-132.866944807423 V2=29.4617904870102 V3=0 T=0 M2=0 M3=47.4770414631605 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR106 CaseType=Combination P=-131.695069807423 V2=23.0870248620102 V3=0 T=0 M2=0 M3=42.5530143405961 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR107 CaseType=Combination P=-136.409224741745 V2=21.4756808472303 V3=0 T=0 M2=0 M3=41.0868204861329 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR107 CaseType=Combination P=-135.237349741745 V2=15.1009152222303 V3=0 T=0 M2=0 M3=37.6601889210272 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR108 CaseType=Combination P=-64.6169448073795 V2=33.3801892011747 V3=0 T=0 M2=0 M3=29.0536613444836 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR108 CaseType=Combination P=-63.4450698073795 V2=27.0054235761747 V3=0 T=0 M2=0 M3=23.3949344630133 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR109 CaseType=Combination P=-68.1592247417009 V2=25.3940795613948 V3=0 T=0 M2=0 M3=22.663440367456 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR109 CaseType=Combination P=-66.9873497417009 V2=19.0193139363948 V3=0 T=0 M2=0 M3=18.5021090434444 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR110 CaseType=Combination P=-68.1592247416279 V2=9.76217100004288 V3=0 T=0 M2=0 M3=21.7677203938937 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR110 CaseType=Combination P=-66.9873497416279 V2=6.94310850004288 V3=0 T=0 M2=0 M3=20.2042078626356 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR111 CaseType=Combination P=-136.409224741672 V2=5.84377228587838 V3=0 T=0 M2=0 M3=40.1911005125706 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR111 CaseType=Combination P=-135.237349741672 V2=3.02470978587838 V3=0 T=0 M2=0 M3=39.3622877402184 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR112 CaseType=Combination P=-132.866944807423 V2=27.8992251538715 V3=0 T=0 M2=0 M3=46.3152503604846 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR112 CaseType=Combination P=-131.695069807423 V2=21.5244595288715 V3=0 T=0 M2=0 M3=41.6842042378836 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR113 CaseType=Combination P=-136.409224741744 V2=19.9131155140916 V3=0 T=0 M2=0 M3=39.9250293834569 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR113 CaseType=Combination P=-135.237349741744 V2=13.5383498890916 V3=0 T=0 M2=0 M3=36.7913788183147 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR114 CaseType=Combination P=-64.6169448073792 V2=31.817623868036 V3=0 T=0 M2=0 M3=27.8918702418076 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR114 CaseType=Combination P=-63.4450698073792 V2=25.442858243036 V3=0 T=0 M2=0 M3=22.5261243603009 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR115 CaseType=Combination P=-68.1592247417006 V2=23.8315142282561 V3=0 T=0 M2=0 M3=21.50164926478 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR115 CaseType=Combination P=-66.9873497417006 V2=17.4567486032561 V3=0 T=0 M2=0 M3=17.633298940732 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR116 CaseType=Combination P=-68.1592247416284 V2=12.8873016663202 V3=0 T=0 M2=0 M3=24.0913025992456 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR116 CaseType=Combination P=-66.9873497416284 V2=10.0682391663202 V3=0 T=0 M2=0 M3=21.9418280680606 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR117 CaseType=Combination P=-136.409224741672 V2=8.96890295215568 V3=0 T=0 M2=0 M3=42.5146827179226 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR117 CaseType=Combination P=-135.237349741672 V2=6.14984045215568 V3=0 T=0 M2=0 M3=41.0999079456434 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR118 CaseType=Combination P=-132.866944807423 V2=31.0243558201488 V3=0 T=0 M2=0 M3=48.6388325658365 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR118 CaseType=Combination P=-131.695069807423 V2=24.6495901951488 V3=0 T=0 M2=0 M3=43.4218244433086 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR119 CaseType=Combination P=-136.409224741745 V2=23.0382461803689 V3=0 T=0 M2=0 M3=42.2486115888089 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR119 CaseType=Combination P=-135.237349741745 V2=16.6634805553689 V3=0 T=0 M2=0 M3=38.5289990237397 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR120 CaseType=Combination P=-64.6169448073798 V2=34.9427545343133 V3=0 T=0 M2=0 M3=30.2154524471596 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR120 CaseType=Combination P=-63.4450698073798 V2=28.5679889093133 V3=0 T=0 M2=0 M3=24.2637445657258 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR121 CaseType=Combination P=-68.1592247417012 V2=26.9566448945334 V3=0 T=0 M2=0 M3=23.8252314701319 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR121 CaseType=Combination P=-66.9873497417012 V2=20.5818792695334 V3=0 T=0 M2=0 M3=19.3709191461569 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR122 CaseType=Combination P=-68.1592247416286 V2=12.940428887647 V3=0 T=0 M2=0 M3=24.1308034967366 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR122 CaseType=Combination P=-66.9873497416286 V2=10.121366387647 V3=0 T=0 M2=0 M3=21.9713676115528 FrameElem=22-1 ElemStation=0.1875

PROGETTO S.D.P.

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Frame=22 Station=0 OutputCase=RAR123 CaseType=Combination P=-136.409224741672 V2=9.02203017348247 V3=0 T=0 M2=0 M3=42.5541836154136 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR123 CaseType=Combination P=-135.237349741672 V2=6.20296767348247 V3=0 T=0 M2=0 M3=41.1294474891356 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR124 CaseType=Combination P=-132.866944807424 V2=31.0774830414756 V3=0 T=0 M2=0 M3=48.6783334633275 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR124 CaseType=Combination P=-131.695069807424 V2=24.7027174164756 V3=0 T=0 M2=0 M3=43.4513639868008 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR125 CaseType=Combination P=-136.409224741745 V2=23.0913734016957 V3=0 T=0 M2=0 M3=42.2881124862999 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR125 CaseType=Combination P=-135.237349741745 V2=16.7166077766957 V3=0 T=0 M2=0 M3=38.5585385672319 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR126 CaseType=Combination P=-64.6169448073799 V2=34.9958817556401 V3=0 T=0 M2=0 M3=30.2549533446506 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR126 CaseType=Combination P=-63.4450698073799 V2=28.6211161306401 V3=0 T=0 M2=0 M3=24.293284109218 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR127 CaseType=Combination P=-68.1592247417013 V2=27.0097721158602 V3=0 T=0 M2=0 M3=23.8647323676229 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR127 CaseType=Combination P=-66.9873497417013 V2=20.6350064908602 V3=0 T=0 M2=0 M3=19.4004586896491 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR128 CaseType=Combination P=-69.062500001025 V2=15.1653718936865 V3=0 T=0 M2=0 M3=26.4756759018616 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR128 CaseType=Combination P=-67.8906250001025 V2=12.3463093936865 V3=0 T=0 M2=0 M3=23.8990632030454 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR129 CaseType=Combination P=-160.06250000016 V2=8.86371190515685 V3=0 T=0 M2=0 M3=50.2393213933196 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR129 CaseType=Combination P=-158.89062500016 V2=6.04464940515685 V3=0 T=0 M2=0 M3=48.8442699423527 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR130 CaseType=Combination P=-155.733944301348 V2=35.4367287166392 V3=0 T=0 M2=0 M3=57.7191391619876 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR130 CaseType=Combination P=-154.562069301348 V2=28.4364162166392 V3=0 T=0 M2=0 M3=51.7328775276177 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR131 CaseType=Combination P=-160.062500000262 V2=25.7006830187606 V3=0 T=0 M2=0 M3=49.9366131973752 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR131 CaseType=Combination P=-158.890625000262 V2=18.7003705187606 V3=0 T=0 M2=0 M3=45.7758601313575 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR132 CaseType=Combination P=-64.7339443012902 V2=40.6612603355252 V3=0 T=0 M2=0 M3=33.154632337085 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR132 CaseType=Combination P=-63.5620693012902 V2=33.6609478355252 V3=0 T=0 M2=0 M3=26.188771024174 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR133 CaseType=Combination P=-69.0625000002041 V2=30.9252146376467 V3=0 T=0 M2=0 M3=25.3721063724726 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR133 CaseType=Combination P=-67.8906250002041 V2=23.9249021376467 V3=0 T=0 M2=0 M3=20.2317536279138 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR134 CaseType=Combination P=-128.805335109996 V2=41.1627976803162 V3=0 T=0 M2=0 M3=56.6778439855385 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR134 CaseType=Combination P=-127.633460109996 V2=34.7880320553162 V3=0 T=0 M2=0 M3=49.5598780142292 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR135 CaseType=Combination P=-137.312500000146 V2=11.246973179522 V3=0 T=0 M2=0 M3=44.8990560205386 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR135 CaseType=Combination P=-136.140625000146 V2=8.42791067952198 V3=0 T=0 M2=0 M3=43.0571430806282 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR136 CaseType=Combination P=-133.770220065898 V2=33.3024260475151 V3=0 T=0 M2=0 M3=51.0232058684525 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR136 CaseType=Combination P=-132.598345065898 V2=26.9276604225151 V3=0 T=0 M2=0 M3=45.3790595782935 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR137 CaseType=Combination P=-137.312500000219 V2=25.3163164077352 V3=0 T=0 M2=0 M3=44.6329848914249 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR137 CaseType=Combination P=-136.140625000219 V2=18.9415507827352 V3=0 T=0 M2=0 M3=40.4862341587245 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR138 CaseType=Combination P=-65.5202200658539 V2=37.2208247616796 V3=0 T=0 M2=0 M3=32.5998257497756 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR138 CaseType=Combination P=-64.3483450658539 V2=30.8460591366796 V3=0 T=0 M2=0 M3=26.2209797007107 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR139 CaseType=Combination P=-69.0625000001753 V2=29.2347151218997 V3=0 T=0 M2=0 M3=26.209604772748 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR139 CaseType=Combination P=-67.8906250001753 V2=22.8599494968997 V3=0 T=0 M2=0 M3=21.3281542811417 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR140 CaseType=Combination P=-69.0625000001023 V2=13.6028065605478 V3=0 T=0 M2=0 M3=25.3138847991857 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR140 CaseType=Combination P=-67.8906250001023 V2=10.7837440605478 V3=0 T=0 M2=0 M3=23.030253100333 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR141 CaseType=Combination P=-137.312500000146 V2=9.68440784638333 V3=0 T=0 M2=0 M3=43.7372649178626 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR141 CaseType=Combination P=-136.140625000146 V2=6.86534534638333 V3=0 T=0 M2=0 M3=42.1883329779157 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR142 CaseType=Combination P=-133.770220065897 V2=31.7398607143765 V3=0 T=0 M2=0 M3=49.861417657766 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR142 CaseType=Combination P=-132.598345065897 V2=25.3650950893765 V3=0 T=0 M2=0 M3=44.510249475581 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=RAR143 CaseType=Combination P=-137.312500000219 V2=23.7537510745966 V3=0 T=0 M2=0 M3=43.4711937887489 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR143 CaseType=Combination P=-136.140625000219 V2=17.3789854495966 V3=0 T=0 M2=0 M3=39.6174240560121 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR144 CaseType=Combination P=-65.5202200658536 V2=35.658259428541 V3=0 T=0 M2=0 M3=31.4380346470996 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR144 CaseType=Combination P=-64.3483450658536 V2=29.283493803541 V3=0 T=0 M2=0 M3=25.3521695979982 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR145 CaseType=Combination P=-69.062500000175 V2=27.6721497887611 V3=0 T=0 M2=0 M3=25.047813670072 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR145 CaseType=Combination P=-67.890625000175 V2=21.2973841637611 V3=0 T=0 M2=0 M3=20.4593441784293 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR146 CaseType=Combination P=-69.0625000001028 V2=16.7279372268251 V3=0 T=0 M2=0 M3=27.6374670045376 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR146 CaseType=Combination P=-67.8906250001028 V2=13.9088747268251 V3=0 T=0 M2=0 M3=24.7678733057579 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR147 CaseType=Combination P=-137.312500000146 V2=12.8095385126606 V3=0 T=0 M2=0 M3=46.0608471232146 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR147 CaseType=Combination P=-136.140625000146 V2=9.99047601266063 V3=0 T=0 M2=0 M3=43.9259531833407 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR148 CaseType=Combination P=-133.770220065898 V2=34.8649913806538 V3=0 T=0 M2=0 M3=52.1849969711285 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR148 CaseType=Combination P=-132.598345065898 V2=28.4902257556538 V3=0 T=0 M2=0 M3=46.2478696810059 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR149 CaseType=Combination P=-137.312500000219 V2=26.8788817408739 V3=0 T=0 M2=0 M3=45.7947759941009 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR149 CaseType=Combination P=-136.140625000219 V2=20.5041161158739 V3=0 T=0 M2=0 M3=41.355044261437 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR150 CaseType=Combination P=-65.5202200658542 V2=38.7833900948183 V3=0 T=0 M2=0 M3=33.7616168524516 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR150 CaseType=Combination P=-64.3483450658542 V2=32.4086244698183 V3=0 T=0 M2=0 M3=27.0897898034231 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR151 CaseType=Combination P=-69.0625000001756 V2=30.7972804550384 V3=0 T=0 M2=0 M3=27.3713958754239 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR151 CaseType=Combination P=-67.8906250001756 V2=24.4225148300384 V3=0 T=0 M2=0 M3=22.1969643838542 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR152 CaseType=Combination P=-69.6044651551868 V2=15.854060675524 V3=0 T=0 M2=0 M3=27.4020825448699 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR152 CaseType=Combination P=-68.4325901551868 V2=13.034998175524 V3=0 T=0 M2=0 M3=24.6963406994591 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR153 CaseType=Combination P=-137.85446515523 V2=11.9356619613595 V3=0 T=0 M2=0 M3=45.8254626635468 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR153 CaseType=Combination P=-136.68259015523 V2=9.11659946135951 V3=0 T=0 M2=0 M3=43.8544205770419 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR154 CaseType=Combination P=-134.312185220982 V2=33.9911148293527 V3=0 T=0 M2=0 M3=51.9496125114608 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR154 CaseType=Combination P=-133.140310220982 V2=27.6163492043527 V3=0 T=0 M2=0 M3=46.1763370747071 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR155 CaseType=Combination P=-137.854465155303 V2=26.0050051895728 V3=0 T=0 M2=0 M3=45.5593915344331 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR155 CaseType=Combination P=-136.682590155303 V2=19.6302395645728 V3=0 T=0 M2=0 M3=41.2835116551382 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR156 CaseType=Combination P=-66.0621852209381 V2=37.9095135435172 V3=0 T=0 M2=0 M3=33.5262323927838 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR156 CaseType=Combination P=-64.8903102209381 V2=31.5347479185172 V3=0 T=0 M2=0 M3=27.0182571971243 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR157 CaseType=Combination P=-69.6044651552595 V2=29.9234039037373 V3=0 T=0 M2=0 M3=27.1360114157562 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR157 CaseType=Combination P=-68.4325901552595 V2=23.5486382787373 V3=0 T=0 M2=0 M3=22.125431775554 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR158 CaseType=Combination P=-68.5205348450183 V2=14.476683111849 V3=0 T=0 M2=0 M3=25.5492692588534 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR158 CaseType=Combination P=-67.3486598450183 V2=11.657620611849 V3=0 T=0 M2=0 M3=23.1017857066318 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR159 CaseType=Combination P=-136.770534845062 V2=10.5582843976845 V3=0 T=0 M2=0 M3=43.9726493775304 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR159 CaseType=Combination P=-135.598659845062 V2=7.73922189768445 V3=0 T=0 M2=0 M3=42.2598655842145 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR160 CaseType=Combination P=-133.228254910813 V2=32.6137372656776 V3=0 T=0 M2=0 M3=50.0967992254443 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR160 CaseType=Combination P=-132.056379910813 V2=26.2389716406776 V3=0 T=0 M2=0 M3=44.5817820818798 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR161 CaseType=Combination P=-136.770534845135 V2=24.6276276258977 V3=0 T=0 M2=0 M3=43.7065782484167 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR161 CaseType=Combination P=-135.598659845135 V2=18.2528620008977 V3=0 T=0 M2=0 M3=39.6889566623109 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=RAR162 CaseType=Combination P=-64.9782549107697 V2=36.5321359798421 V3=0 T=0 M2=0 M3=31.6734191067674 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR162 CaseType=Combination P=-63.8063799107697 V2=30.1573703548421 V3=0 T=0 M2=0 M3=25.423702204297 FrameElem=22-1 ElemStation=0.1875

PROGETTO S.D.P.

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Frame=22 Station=0 OutputCase=RAR163 CaseType=Combination P=-68.5205348450911 V2=28.5460263400622 V3=0 T=0 M2=0 M3=25.2831981297397 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=RAR163 CaseType=Combination P=-67.3486598450911 V2=22.1712607150622 V3=0 T=0 M2=0 M3=20.5308767847281 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-64.1919791462055 V2=41.1627976803162 V3=0 T=0 M2=0 M3=57.7191391619876 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVRAR CaseType=Combination StepType=Max P=-63.0201041462055 V2=34.7880320553162 V3=0 T=0 M2=0 M3=51.7328775276177 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-160.604465155346 V2=5.2611879183443 V3=0 T=0 M2=0 M3=21.3447262916681 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVRAR CaseType=Combination StepType=Min P=-159.432590155346 V2=2.4421254183443 V3=0 T=0 M2=0 M3=17.5856105365328 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE01 CaseType=Combination P=-69.062500000873 V2=18.2390105416191 V3=0 T=0 M2=0 M3=24.3173626396285 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE01 CaseType=Combination P=-67.8906250000873 V2=13.7408855416191 V3=0 T=0 M2=0 M3=21.3234075380749 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE02 CaseType=Combination P=-137.312500000146 V2=8.55415225541291 V3=0 T=0 M2=0 M3=42.89602686927 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE02 CaseType=Combination P=-136.140625000146 V2=5.73508975541291 V3=0 T=0 M2=0 M3=41.559893670287 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE03 CaseType=Combination P=-133.770220065897 V2=30.6096051234061 V3=0 T=0 M2=0 M3=49.0210525348409 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE03 CaseType=Combination P=-132.598345065897 V2=24.2348394984061 V3=0 T=0 M2=0 M3=43.8818101679523 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE04 CaseType=Combination P=-137.312500000218 V2=22.6234954836262 V3=0 T=0 M2=0 M3=42.6308315578133 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE04 CaseType=Combination P=-136.140625000218 V2=16.2487298586262 V3=0 T=0 M2=0 M3=38.9889847483834 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE05 CaseType=Combination P=-65.5202200658532 V2=34.5280038375706 V3=0 T=0 M2=0 M3=30.597672416164 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE05 CaseType=Combination P=-64.3483450658532 V2=28.1532382125706 V3=0 T=0 M2=0 M3=24.7237302903695 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE06 CaseType=Combination P=-69.0625000001746 V2=26.5418941977907 V3=0 T=0 M2=0 M3=24.2074514391363 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE06 CaseType=Combination P=-67.8906250001746 V2=20.1671285727907 V3=0 T=0 M2=0 M3=19.8309048708006 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE07 CaseType=Combination P=-69.0625000001016 V2=10.9098956364388 V3=0 T=0 M2=0 M3=23.311731465574 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE07 CaseType=Combination P=-67.8906250001016 V2=8.09092313643876 V3=0 T=0 M2=0 M3=21.5330036899918 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE08 CaseType=Combination P=-137.312500000145 V2=7.25201447779737 V3=0 T=0 M2=0 M3=41.928743434697 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE08 CaseType=Combination P=-136.140625000145 V2=4.43295197779737 V3=0 T=0 M2=0 M3=40.83588525136 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE09 CaseType=Combination P=-133.770220065897 V2=29.3074673457905 V3=0 T=0 M2=0 M3=48.0528932826109 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE09 CaseType=Combination P=-132.598345065897 V2=22.9327017207905 V3=0 T=0 M2=0 M3=43.1578017490252 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE10 CaseType=Combination P=-137.312500000218 V2=21.3213577060106 V3=0 T=0 M2=0 M3=41.6626723055833 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE10 CaseType=Combination P=-136.140625000218 V2=14.9465920810106 V3=0 T=0 M2=0 M3=38.2649763294563 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE11 CaseType=Combination P=-65.520220065853 V2=33.225866059955 V3=0 T=0 M2=0 M3=29.629513163934 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE11 CaseType=Combination P=-64.348345065853 V2=26.851100434955 V3=0 T=0 M2=0 M3=23.9997218714424 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE12 CaseType=Combination P=-69.0625000001744 V2=25.2397564201751 V3=0 T=0 M2=0 M3=23.2392921869063 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE12 CaseType=Combination P=-67.8906250001744 V2=18.8649907951751 V3=0 T=0 M2=0 M3=19.1068964518735 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE13 CaseType=Combination P=-69.5141376293385 V2=11.4838929546367 V3=0 T=0 M2=0 M3=24.0837370014142 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE13 CaseType=Combination P=-68.3422626293385 V2=8.6648304546367 V3=0 T=0 M2=0 M3=22.1974016036698 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE14 CaseType=Combination P=-68.6108623708647 V2=10.3360783182408 V3=0 T=0 M2=0 M3=22.5397259297339 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE14 CaseType=Combination P=-67.4389873708647 V2=7.51701581824082 V3=0 T=0 M2=0 M3=20.8686057763137 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE15 CaseType=Combination P=-69.0625000001019 V2=12.2563960984933 V3=0 T=0 M2=0 M3=24.3128081323799 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE15 CaseType=Combination P=-67.8906250001019 V2=9.4373335984933 V3=0 T=0 M2=0 M3=22.2816283951624 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE16 CaseType=Combination P=-69.0625000001021 V2=14.0351163027161 V3=0 T=0 M2=0 M3=25.635313670926 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE16 CaseType=Combination P=-67.8906250001021 V2=11.2160538027161 V3=0 T=0 M2=0 M3=23.2706238954167 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE17 CaseType=Combination P=-137.312500000146 V2=9.85629003302845 V3=0 T=0 M2=0 M3=43.865019391569 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE17 CaseType=Combination P=-136.140625000146 V2=7.03722753302845 V3=0 T=0 M2=0 M3=42.2839020892141 FrameElem=22-1 ElemStation=0.1875

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Frame=22 Station=0 OutputCase=FRE18 CaseType=Combination P=-133.770220065897 V2=31.9117429010216 V3=0 T=0 M2=0 M3=49.9892117870709 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE18 CaseType=Combination P=-132.598345065897 V2=25.5369772760216 V3=0 T=0 M2=0 M3=44.6058185868793 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE19 CaseType=Combination P=-137.312500000219 V2=23.9256332612417 V3=0 T=0 M2=0 M3=43.5989980100432 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE19 CaseType=Combination P=-136.140625000219 V2=17.5508676362417 V3=0 T=0 M2=0 M3=39.7129931673104 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE20 CaseType=Combination P=-65.5202200658534 V2=35.8301416151861 V3=0 T=0 M2=0 M3=31.5658316683939 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE20 CaseType=Combination P=-64.3483450658534 V2=29.4553759901861 V3=0 T=0 M2=0 M3=25.44773787092965 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE21 CaseType=Combination P=-69.0625000001749 V2=27.8440319754062 V3=0 T=0 M2=0 M3=25.1756106913663 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE21 CaseType=Combination P=-67.8906250001749 V2=21.4692663504062 V3=0 T=0 M2=0 M3=20.5549132897276 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE22 CaseType=Combination P=-69.514137629339 V2=14.609023620914 V3=0 T=0 M2=0 M3=26.4073192067662 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE22 CaseType=Combination P=-68.342262629339 V2=11.789961120914 V3=0 T=0 M2=0 M3=23.9350218090948 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE23 CaseType=Combination P=-68.6108623708653 V2=13.4612089845181 V3=0 T=0 M2=0 M3=24.8633081350858 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE23 CaseType=Combination P=-67.4389873708653 V2=10.6421464845181 V3=0 T=0 M2=0 M3=22.6062259817387 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE24 CaseType=Combination P=-69.0625000001025 V2=15.3815267647706 V3=0 T=0 M2=0 M3=26.6363903377318 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE24 CaseType=Combination P=-67.8906250001025 V2=12.5624642647706 V3=0 T=0 M2=0 M3=24.0192486005873 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE25 CaseType=Combination P=-69.6044651551861 V2=13.1612397514149 V3=0 T=0 M2=0 M3=25.3999292112582 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE25 CaseType=Combination P=-68.4325901551861 V2=10.3421772514149 V3=0 T=0 M2=0 M3=23.1990912891179 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE26 CaseType=Combination P=-137.764137629382 V2=9.12805957361085 V3=0 T=0 M2=0 M3=43.6689082227671 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE26 CaseType=Combination P=-136.592262629382 V2=6.30899707361085 V3=0 T=0 M2=0 M3=42.2242915839651 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE27 CaseType=Combination P=-134.221857695134 V2=31.183512441604 V3=0 T=0 M2=0 M3=49.7930580706811 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE27 CaseType=Combination P=-133.049982695134 V2=24.808746816604 V3=0 T=0 M2=0 M3=44.5462080816303 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE28 CaseType=Combination P=-137.764137629455 V2=23.1974028018241 V3=0 T=0 M2=0 M3=43.4028370936534 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE28 CaseType=Combination P=-136.592262629455 V2=16.8226371768241 V3=0 T=0 M2=0 M3=39.6533826620614 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE29 CaseType=Combination P=-65.9718576950901 V2=35.1019111557685 V3=0 T=0 M2=0 M3=31.3696779520041 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE29 CaseType=Combination P=-64.7999826950901 V2=28.7271455307685 V3=0 T=0 M2=0 M3=25.3881282040475 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE30 CaseType=Combination P=-69.5141376294115 V2=27.1158015159886 V3=0 T=0 M2=0 M3=24.9794569749765 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE30 CaseType=Combination P=-68.3422626294115 V2=20.7410358909886 V3=0 T=0 M2=0 M3=20.4953027844786 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE31 CaseType=Combination P=-69.6044651551859 V2=11.8591019737994 V3=0 T=0 M2=0 M3=24.4317699590283 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE31 CaseType=Combination P=-68.4325901551859 V2=9.0400394737994 V3=0 T=0 M2=0 M3=22.4750828701909 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE32 CaseType=Combination P=-69.6044651551863 V2=14.4633775290305 V3=0 T=0 M2=0 M3=26.3680884634882 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE32 CaseType=Combination P=-68.4325901551863 V2=11.6443150290305 V3=0 T=0 M2=0 M3=23.923099708045 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE33 CaseType=Combination P=-69.6044651551864 V2=14.5076502134695 V3=0 T=0 M2=0 M3=26.401005878064 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE33 CaseType=Combination P=-68.4325901551864 V2=11.6885877134695 V3=0 T=0 M2=0 M3=23.9477159942885 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE34 CaseType=Combination P=-68.5205348450176 V2=11.7838621877399 V3=0 T=0 M2=0 M3=23.5471159252418 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE34 CaseType=Combination P=-67.3486598450176 V2=8.96479968773989 V3=0 T=0 M2=0 M3=21.6045362962906 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE35 CaseType=Combination P=-136.860862370909 V2=7.98024493721497 V3=0 T=0 M2=0 M3=42.1248971510868 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE35 CaseType=Combination P=-135.688987370909 V2=5.16118243721497 V3=0 T=0 M2=0 M3=40.895495756609 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE36 CaseType=Combination P=-133.31858243666 V2=30.0356978052081 V3=0 T=0 M2=0 M3=48.2490469990007 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE36 CaseType=Combination P=-132.14670743666 V2=23.6609321802081 V3=0 T=0 M2=0 M3=43.2174122542742 FrameElem=22-1  
ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE37 CaseType=Combination P=-136.860862370981 V2=22.0495881654282 V3=0 T=0 M2=0 M3=41.8588260219731 FrameElem=22-1  
ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE37 CaseType=Combination P=-135.688987370981 V2=15.6748225404282 V3=0 T=0 M2=0 M3=38.3245868347053 FrameElem=22-1  
ElemStation=0.1875

PROVA SDR

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3782004RCECOAIDA11000000100

REV.  
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Frame=22 Station=0 OutputCase=FRE38 CaseType=Combination P=-65.0685824366164 V2=33.9540965193726 V3=0 T=0 M2=0 M3=29.8256668803238 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE38 CaseType=Combination P=-63.8967074366164 V2=27.5793308943726 V3=0 T=0 M2=0 M3=24.0593323766914 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE39 CaseType=Combination P=-68.6108623709378 V2=25.9679868795927 V3=0 T=0 M2=0 M3=23.4354459032961 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE39 CaseType=Combination P=-67.4389873709378 V2=19.5932212545927 V3=0 T=0 M2=0 M3=19.1665069571225 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE40 CaseType=Combination P=-68.5205348450174 V2=10.4817244101243 V3=0 T=0 M2=0 M3=22.5789566730118 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE40 CaseType=Combination P=-67.3486598450174 V2=7.66266191012434 V3=0 T=0 M2=0 M3=20.8805278773635 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE41 CaseType=Combination P=-68.5205348450179 V2=13.0859999653554 V3=0 T=0 M2=0 M3=24.5152751774718 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE41 CaseType=Combination P=-67.3486598450179 V2=10.2669374653554 V3=0 T=0 M2=0 M3=22.3285447152176 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE42 CaseType=Combination P=-68.520534845018 V2=13.1302726497944 V3=0 T=0 M2=0 M3=24.5481925920476 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE42 CaseType=Combination P=-67.348659845018 V2=10.3112101497944 V3=0 T=0 M2=0 M3=22.3531610014612 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE43 CaseType=Combination P=-69.062500001023 V2=14.0882435240429 V3=0 T=0 M2=0 M3=25.674814568417 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE43 CaseType=Combination P=-67.8906250001023 V2=11.2691810240429 V3=0 T=0 M2=0 M3=23.300163438909 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE44 CaseType=Combination P=-137.312500000146 V2=9.90056271746744 V3=0 T=0 M2=0 M3=43.8979793537328 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE44 CaseType=Combination P=-136.140625000146 V2=7.08150021746745 V3=0 T=0 M2=0 M3=42.3085183754576 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE45 CaseType=Combination P=-133.770220065897 V2=31.9560155854606 V3=0 T=0 M2=0 M3=50.0221292016467 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE45 CaseType=Combination P=-132.598345065897 V2=25.5812499604606 V3=0 T=0 M2=0 M3=44.6304348731229 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE46 CaseType=Combination P=-137.312500000219 V2=23.9699059456807 V3=0 T=0 M2=0 M3=43.6319082246191 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE46 CaseType=Combination P=-136.140625000219 V2=17.5951403206807 V3=0 T=0 M2=0 M3=39.7376094535539 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE47 CaseType=Combination P=-65.5202200658536 V2=35.8744142996251 V3=0 T=0 M2=0 M3=31.5987490829698 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE47 CaseType=Combination P=-64.3483450658536 V2=29.4996486746251 V3=0 T=0 M2=0 M3=25.4723549955401 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE48 CaseType=Combination P=-69.062500000175 V2=27.8883046598452 V3=0 T=0 M2=0 M3=25.2085281059421 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE48 CaseType=Combination P=-67.890625000175 V2=21.5135390348452 V3=0 T=0 M2=0 M3=20.5795295759712 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE49 CaseType=Combination P=-69.0625000001025 V2=15.3903813016584 V3=0 T=0 M2=0 M3=26.642973820647 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE49 CaseType=Combination P=-67.8906250001025 V2=12.5713188016584 V3=0 T=0 M2=0 M3=24.024171857836 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE50 CaseType=Combination P=-69.5141376293391 V2=14.6621508422408 V3=0 T=0 M2=0 M3=26.4468201042572 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE50 CaseType=Combination P=-68.3422626293391 V2=11.8430883422408 V3=0 T=0 M2=0 M3=23.964561352587 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=FRE51 CaseType=Combination P=-68.6108623708654 V2=13.5143362058449 V3=0 T=0 M2=0 M3=24.9028090325768 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=FRE51 CaseType=Combination P=-67.4389873708654 V2=10.6952737058449 V3=0 T=0 M2=0 M3=22.6357655252309 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-65.0685824366164 V2=35.8744142996251 V3=0 T=0 M2=0 M3=50.0221292016467 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVFRE CaseType=Combination StepType=Max P=-63.8967074366164 V2=29.4996486746251 V3=0 T=0 M2=0 M3=44.6304348731229 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-137.764137629455 V2=7.25201447779737 V3=0 T=0 M2=0 M3=22.5397259297339 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVFRE CaseType=Combination StepType=Min P=-136.592262629455 V2=4.43295197779737 V3=0 T=0 M2=0 M3=19.1068964518735 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE01 CaseType=Combination P=-70.2459526406456 V2=9.73624950409356 V3=0 T=0 M2=0 M3=22.2602165539768 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE01 CaseType=Combination P=-69.0740776406456 V2=6.91718700409356 V3=0 T=0 M2=0 M3=20.7015643032092 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE02 CaseType=Combination P=-70.2459526406453 V2=8.43411172647802 V3=0 T=0 M2=0 M3=21.2920573017468 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE02 CaseType=Combination P=-69.0740776406453 V2=5.61504922647802 V3=0 T=0 M2=0 M3=19.977558842821 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE03 CaseType=Combination P=-70.2459526406458 V2=11.0383872817091 V3=0 T=0 M2=0 M3=23.2283758062067 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE03 CaseType=Combination P=-69.0740776406458 V2=8.2193247817091 V3=0 T=0 M2=0 M3=21.4255727221363 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE04 CaseType=Combination P=-70.6975902698824 V2=10.3101568222915 V3=0 T=0 M2=0 M3=23.032220898169 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE04 CaseType=Combination P=-69.5257152698824 V2=7.4910943222915 V3=0 T=0 M2=0 M3=21.3659622168873 FrameElem=22-1 ElemStation=0.1875

PROGETTO SDR

Società di Progetto  
Brebemi SpA



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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=22 Station=0 OutputCase=QPE05 CaseType=Combination P=-69.7943150114087 V2=9.16234218589562 V3=0 T=0 M2=0 M3=21.4882110181366 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE05 CaseType=Combination P=-68.6224400114087 V2=6.34327968589563 V3=0 T=0 M2=0 M3=20.0371663895311 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE06 CaseType=Combination P=-70.2459526406459 V2=11.0826599661481 V3=0 T=0 M2=0 M3=23.2612932207826 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE06 CaseType=Combination P=-69.0740776406459 V2=8.2635974661481 V3=0 T=0 M2=0 M3=21.4501890083798 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE07 CaseType=Combination P=-70.6975902698822 V2=9.00801904467596 V3=0 T=0 M2=0 M3=22.064062837587 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE07 CaseType=Combination P=-69.5257152698822 V2=6.18895654467596 V3=0 T=0 M2=0 M3=20.6419537979602 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE08 CaseType=Combination P=-69.7943150114085 V2=7.86020440828008 V3=0 T=0 M2=0 M3=20.5200517659066 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE08 CaseType=Combination P=-68.6224400114085 V2=5.04114190828008 V3=0 T=0 M2=0 M3=19.3131579706041 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE09 CaseType=Combination P=-70.2459526406457 V2=9.78052218853256 V3=0 T=0 M2=0 M3=22.2931339685526 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE09 CaseType=Combination P=-69.0740776406457 V2=6.96145968853256 V3=0 T=0 M2=0 M3=20.7261805894527 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE10 CaseType=Combination P=-67.8790473595436 V2=20.9753120071029 V3=0 T=0 M2=0 M3=26.5306686539018 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE10 CaseType=Combination P=-66.7071723595436 V2=16.4771870071029 V3=0 T=0 M2=0 M3=23.02365702757 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE11 CaseType=Combination P=-67.8790473595434 V2=19.6731742294874 V3=0 T=0 M2=0 M3=25.5625094016718 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE11 CaseType=Combination P=-66.7071723595434 V2=15.1750492294874 V3=0 T=0 M2=0 M3=22.2996486086429 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE12 CaseType=Combination P=-67.8790473595438 V2=22.2774497847184 V3=0 T=0 M2=0 M3=27.4988279061318 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE12 CaseType=Combination P=-66.7071723595438 V2=17.7793247847184 V3=0 T=0 M2=0 M3=23.747665446497 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE13 CaseType=Combination P=-68.3306849887805 V2=21.5492193253008 V3=0 T=0 M2=0 M3=27.302674189742 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE13 CaseType=Combination P=-67.1588099887805 V2=17.0510943253008 V3=0 T=0 M2=0 M3=23.688054941248 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE14 CaseType=Combination P=-67.4274097303068 V2=20.401404688905 V3=0 T=0 M2=0 M3=25.7586631180616 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE14 CaseType=Combination P=-66.2555347303068 V2=15.903279688905 V3=0 T=0 M2=0 M3=22.3592591138919 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE15 CaseType=Combination P=-67.879047359544 V2=22.3217224691574 V3=0 T=0 M2=0 M3=27.5317453207076 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE15 CaseType=Combination P=-66.707172359544 V2=17.8235974691574 V3=0 T=0 M2=0 M3=23.7722817327406 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE16 CaseType=Combination P=-68.3306849887802 V2=20.2470815476853 V3=0 T=0 M2=0 M3=26.334514937512 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE16 CaseType=Combination P=-67.1588099887802 V2=15.7489565476853 V3=0 T=0 M2=0 M3=22.964046522321 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE17 CaseType=Combination P=-67.4274097303065 V2=19.0992669112894 V3=0 T=0 M2=0 M3=24.7905038658316 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE17 CaseType=Combination P=-66.2555347303065 V2=14.6011419112894 V3=0 T=0 M2=0 M3=21.6352506949649 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=QPE18 CaseType=Combination P=-67.8790473595437 V2=21.0195846915419 V3=0 T=0 M2=0 M3=26.5635860684776 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=QPE18 CaseType=Combination P=-66.7071723595437 V2=16.5214596915419 V3=0 T=0 M2=0 M3=23.0482733138135 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-67.4274097303065 V2=22.3217224691574 V3=0 T=0 M2=0 M3=27.5317453207076 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVQPE CaseType=Combination StepType=Max P=-66.2555347303065 V2=17.8235974691574 V3=0 T=0 M2=0 M3=23.7722817327406 FrameElem=22-1 ElemStation=0.1875  
Frame=22 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-70.6975902698824 V2=7.86020440828008 V3=0 T=0 M2=0 M3=20.5200517659066 FrameElem=22-1 ElemStation=0  
Frame=22 Station=0.1875 OutputCase=INVQPE CaseType=Combination StepType=Min P=-69.5257152698824 V2=5.04114190828008 V3=0 T=0 M2=0 M3=19.3131579706041 FrameElem=22-1 ElemStation=0.1875  
Frame=23 Station=0 OutputCase=STR001 CaseType=Combination P=-93.7617187511787 V2=26.7269767310627 V3=0 T=0 M2=0 M3=34.4329049060661 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR001 CaseType=Combination P=-93.2343750011787 V2=24.6226642310628 V3=0 T=0 M2=0 M3=32.8284395634997 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR002 CaseType=Combination P=-93.7617187512864 V2=14.426877681659 V3=0 T=0 M2=0 M3=34.002049132743 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR002 CaseType=Combination P=-93.2343750012864 V2=13.450002681659 V3=0 T=0 M2=0 M3=33.1309942776393 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR003 CaseType=Combination P=-216.611718751286 V2=7.37375999616335 V3=0 T=0 M2=0 M3=66.723313491018 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR003 CaseType=Combination P=-216.084375001286 V2=6.39688499616335 V3=0 T=0 M2=0 M3=66.2930784912578 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR004 CaseType=Combination P=-210.0720704968622 V2=50.4287251306639 V3=0 T=0 M2=0 M3=80.6528156100856 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR004 CaseType=Combination P=-209.545361218622 V2=47.2663501306639 V3=0 T=0 M2=0 M3=77.5996950941066 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR005 CaseType=Combination P=-216.611718750864 V2=35.677112125029 V3=0 T=0 M2=0 M3=67.9238283194107 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR005 CaseType=Combination P=-216.084375000864 V2=32.514737125029 V3=0 T=0 M2=0 M3=65.7926836162838 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR006 CaseType=Combination P=-62.9141112182959 V2=56.5043911039834 V3=0 T=0 M2=0 M3=39.2129888104108 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR006 CaseType=Combination P=-62.5234862182959 V2=53.3420161039834 V3=0 T=0 M2=0 M3=35.7801391710994 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR007 CaseType=Combination P=-69.4531250005384 V2=41.7527780983485 V3=0 T=0 M2=0 M3=26.4840015197359 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR007 CaseType=Combination P=-69.0625000005384 V2=38.5904030983485 V3=0 T=0 M2=0 M3=23.9731276932766 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR008 CaseType=Combination P=-173.719082560335 V2=57.8944026062929 V3=0 T=0 M2=0 M3=79.7218479895133 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR008 CaseType=Combination P=-173.191738810335 V2=54.9965432312929 V3=0 T=0 M2=0 M3=76.1939466059169 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR009 CaseType=Combination P=-93.7617187511787 V2=23.6018460647854 V3=0 T=0 M2=0 M3=31.9140020340718 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR009 CaseType=Combination P=-93.2343750011787 V2=21.4975335647854 V3=0 T=0 M2=0 M3=30.5048573581477 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR010 CaseType=Combination P=-93.7617187512864 V2=11.3017470153817 V3=0 T=0 M2=0 M3=31.4831462607487 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR010 CaseType=Combination P=-93.2343750012864 V2=10.3248720153817 V3=0 T=0 M2=0 M3=30.8074120722873 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR011 CaseType=Combination P=-216.611718751286 V2=5.49868159639697 V3=0 T=0 M2=0 M3=65.2119717678215 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR011 CaseType=Combination P=-216.084375001286 V2=4.52180659639697 V3=0 T=0 M2=0 M3=64.8989291680466 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR012 CaseType=Combination P=-210.072704968622 V2=48.5536467308975 V3=0 T=0 M2=0 M3=79.141473886889 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR012 CaseType=Combination P=-209.545361218622 V2=45.3912717308975 V3=0 T=0 M2=0 M3=76.2055457708954 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR013 CaseType=Combination P=-216.611718750864 V2=33.8020337252626 V3=0 T=0 M2=0 M3=66.4124865962141 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR013 CaseType=Combination P=-216.084375000864 V2=30.6396587252626 V3=0 T=0 M2=0 M3=64.3985342930727 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR014 CaseType=Combination P=-62.9141112182959 V2=54.629312704217 V3=0 T=0 M2=0 M3=37.7016470872142 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR014 CaseType=Combination P=-62.5234862182959 V2=51.466937704217 V3=0 T=0 M2=0 M3=34.3859898478882 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR015 CaseType=Combination P=-69.4531250005384 V2=39.8776996985821 V3=0 T=0 M2=0 M3=24.9726597695393 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR015 CaseType=Combination P=-69.0625000005384 V2=36.7153246985821 V3=0 T=0 M2=0 M3=22.5789783700654 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR016 CaseType=Combination P=-173.719082560335 V2=56.0193242065266 V3=0 T=0 M2=0 M3=78.2105062663167 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR016 CaseType=Combination P=-173.191738810335 V2=53.1214648315266 V3=0 T=0 M2=0 M3=74.7997972827057 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR017 CaseType=Combination P=-185.899218751286 V2=6.01190875125995 V3=0 T=0 M2=0 M3=56.024094529455 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR017 CaseType=Combination P=-185.371875001286 V2=5.03503375125995 V3=0 T=0 M2=0 M3=55.6789752325012 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR018 CaseType=Combination P=-180.421677250802 V2=42.7036469371867 V3=0 T=0 M2=0 M3=67.7339192966062 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR018 CaseType=Combination P=-179.894333500802 V2=39.8057875621868 V3=0 T=0 M2=0 M3=65.1554401423289 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR019 CaseType=Combination P=-185.899218750943 V2=30.3144476102601 V3=0 T=0 M2=0 M3=57.0321945940802 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR019 CaseType=Combination P=-185.371875000943 V2=27.4165882352601 V3=0 T=0 M2=0 M3=55.2280403977358 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR020 CaseType=Combination P=-63.9755835004762 V2=47.0160334891323 V3=0 T=0 M2=0 M3=34.4744085865002 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR020 CaseType=Combination P=-63.5849585004762 V2=44.1181741141323 V3=0 T=0 M2=0 M3=31.6264052727263 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR021 CaseType=Combination P=-69.453125000617 V2=34.6268341622057 V3=0 T=0 M2=0 M3=23.7726838839742 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR021 CaseType=Combination P=-69.062500000617 V2=31.7289747872057 V3=0 T=0 M2=0 M3=21.6990055281332 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR022 CaseType=Combination P=-94.4120769372798 V2=24.4282726029905 V3=0 T=0 M2=0 M3=33.0773416643195 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR022 CaseType=Combination P=-93.8847331872798 V2=22.3239601029905 V3=0 T=0 M2=0 M3=31.6165453297576 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR023 CaseType=Combination P=-94.4120769373875 V2=12.1281735535867 V3=0 T=0 M2=0 M3=32.6464858909964 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR023 CaseType=Combination P=-93.8847331873875 V2=11.1512985535867 V3=0 T=0 M2=0 M3=31.9191000438972 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR024 CaseType=Combination P=-186.549576937388 V2=6.838335289465 V3=0 T=0 M2=0 M3=57.1874341597026 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR024 CaseType=Combination P=-186.022233187388 V2=5.861460289465 V3=0 T=0 M2=0 M3=56.7906632041111 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR025 CaseType=Combination P=-181.072035436903 V2=43.5300734753918 V3=0 T=0 M2=0 M3=68.8972589268539 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR025 CaseType=Combination P=-180.544691686903 V2=40.6322141003918 V3=0 T=0 M2=0 M3=66.2671281139388 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR026 CaseType=Combination P=-186.549576937044 V2=31.1408741484652 V3=0 T=0 M2=0 M3=58.1955342243279 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR026 CaseType=Combination P=-186.022233187044 V2=28.2430147734652 V3=0 T=0 M2=0 M3=56.3397283693457 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR027 CaseType=Combination P=-64.6259416865773 V2=47.8424600273374 V3=0 T=0 M2=0 M3=35.6377482167479 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR027 CaseType=Combination P=-64.2353166865773 V2=44.9446006523374 V3=0 T=0 M2=0 M3=32.7380932443362 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR028 CaseType=Combination P=-70.1034831867181 V2=35.4532607004108 V3=0 T=0 M2=0 M3=24.9360235142219 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR028 CaseType=Combination P=-69.7128581867181 V2=32.5554013254108 V3=0 T=0 M2=0 M3=22.8106934997431 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR029 CaseType=Combination P=-93.1113605650776 V2=22.7754195265804 V3=0 T=0 M2=0 M3=30.7506624038241 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR029 CaseType=Combination P=-92.5840168150776 V2=20.6711070265804 V3=0 T=0 M2=0 M3=29.3931693865379 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR030 CaseType=Combination P=-93.1113605651853 V2=10.4753204771766 V3=0 T=0 M2=0 M3=30.319806630501 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR030 CaseType=Combination P=-92.5840168151853 V2=9.4984454771766 V3=0 T=0 M2=0 M3=29.6957241006775 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR031 CaseType=Combination P=-185.248860565185 V2=5.1854822130549 V3=0 T=0 M2=0 M3=54.8607548992073 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR031 CaseType=Combination P=-184.721516815185 V2=4.2086072130549 V3=0 T=0 M2=0 M3=54.5672872608913 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR032 CaseType=Combination P=-179.771319064701 V2=41.8772203989817 V3=0 T=0 M2=0 M3=66.5705796663585 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR032 CaseType=Combination P=-179.243975314701 V2=38.9793610239817 V3=0 T=0 M2=0 M3=64.043752170719 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR033 CaseType=Combination P=-185.248860564842 V2=29.4880210720551 V3=0 T=0 M2=0 M3=55.8688549638325 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR033 CaseType=Combination P=-184.721516814842 V2=26.5901616970551 V3=0 T=0 M2=0 M3=54.116352426126 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR034 CaseType=Combination P=-63.3252253143751 V2=46.1896069509273 V3=0 T=0 M2=0 M3=33.3110689562526 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR034 CaseType=Combination P=-62.9346003143751 V2=43.2917475759273 V3=0 T=0 M2=0 M3=30.5147173011165 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR035 CaseType=Combination P=-68.8027668145159 V2=33.8004076240007 V3=0 T=0 M2=0 M3=22.6093442537266 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR035 CaseType=Combination P=-68.4121418145159 V2=30.9025482490007 V3=0 T=0 M2=0 M3=20.587317565234 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR036 CaseType=Combination P=-93.7617187511794 V2=25.5406771301439 V3=0 T=0 M2=0 M3=33.4767293758571 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR036 CaseType=Combination P=-93.2343750011794 V2=23.4363646301439 V3=0 T=0 M2=0 M3=31.9464077583481 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR037 CaseType=Combination P=-93.761718751287 V2=13.2405780807401 V3=0 T=0 M2=0 M3=33.045873602534 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR037 CaseType=Combination P=-93.234375001287 V2=12.2637030807401 V3=0 T=0 M2=0 M3=32.2489624724877 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR038 CaseType=Combination P=-185.899218751287 V2=7.95073981661844 V3=0 T=0 M2=0 M3=57.5868218712403 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR038 CaseType=Combination P=-185.371875001287 V2=6.97386481661844 V3=0 T=0 M2=0 M3=57.1205256327016 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR039 CaseType=Combination P=-180.421677250803 V2=44.6424780025452 V3=0 T=0 M2=0 M3=69.2966466383915 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR039 CaseType=Combination P=-179.894333500803 V2=41.7446186275452 V3=0 T=0 M2=0 M3=66.5969905425293 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR040 CaseType=Combination P=-185.899218750944 V2=32.2532786756186 V3=0 T=0 M2=0 M3=58.5949219358655 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR040 CaseType=Combination P=-185.371875000944 V2=29.3554193006186 V3=0 T=0 M2=0 M3=56.6695907979362 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR041 CaseType=Combination P=-63.9755835004769 V2=48.9548645544908 V3=0 T=0 M2=0 M3=36.0371359282855 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR041 CaseType=Combination P=-63.5849585004769 V2=46.0570051794908 V3=0 T=0 M2=0 M3=33.0679556729267 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR042 CaseType=Combination P=-69.4531250006177 V2=36.5656652275642 V3=0 T=0 M2=0 M3=25.3354112257595 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR042 CaseType=Combination P=-69.0625000006177 V2=33.6678058525642 V3=0 T=0 M2=0 M3=23.140559283336 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR043 CaseType=Combination P=-93.7617187511787 V2=29.85210739734 V3=0 T=0 M2=0 M3=36.951807780604 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR043 CaseType=Combination P=-93.2343750011787 V2=27.7477948973401 V3=0 T=0 M2=0 M3=35.1520217688517 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR044 CaseType=Combination P=-93.7617187512864 V2=17.5520083479363 V3=0 T=0 M2=0 M3=36.5209520047373 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR044 CaseType=Combination P=-93.2343750012864 V2=16.5751333479363 V3=0 T=0 M2=0 M3=35.4545764829913 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR045 CaseType=Combination P=-216.611718751286 V2=9.24883839592973 V3=0 T=0 M2=0 M3=68.2346552142146 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR045 CaseType=Combination P=-216.084375001286 V2=8.27196339592973 V3=0 T=0 M2=0 M3=67.687227814469 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR046 CaseType=Combination P=-210.072704968622 V2=52.3038035304303 V3=0 T=0 M2=0 M3=82.1641573332822 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR046 CaseType=Combination P=-209.545361218622 V2=49.1414285304302 V3=0 T=0 M2=0 M3=78.9938444173178 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR047 CaseType=Combination P=-216.611718750864 V2=37.5521905247954 V3=0 T=0 M2=0 M3=69.4351700426072 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR047 CaseType=Combination P=-216.084375000864 V2=34.3898155247954 V3=0 T=0 M2=0 M3=67.186832939495 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR048 CaseType=Combination P=-62.9141112182959 V2=58.3794695037497 V3=0 T=0 M2=0 M3=40.7243305336074 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR048 CaseType=Combination P=-62.5234862182959 V2=55.2170945037497 V3=0 T=0 M2=0 M3=37.1742884943106 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR049 CaseType=Combination P=-69.4531250005384 V2=43.6278564981149 V3=0 T=0 M2=0 M3=27.9953432429325 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR049 CaseType=Combination P=-69.0625000005384 V2=40.4654814981149 V3=0 T=0 M2=0 M3=25.3672770164878 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR050 CaseType=Combination P=-173.719082560335 V2=59.7694810060593 V3=0 T=0 M2=0 M3=81.2331897127099 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR050 CaseType=Combination P=-173.191738810335 V2=56.8716216310593 V3=0 T=0 M2=0 M3=77.5880959291281 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR051 CaseType=Combination P=-185.899218751286 V2=12.2621700838146 V3=0 T=0 M2=0 M3=61.0619002734436 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR051 CaseType=Combination P=-185.371875001286 V2=11.2852950838146 V3=0 T=0 M2=0 M3=60.3261396432052 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR052 CaseType=Combination P=-180.421677250802 V2=48.9539082697413 V3=0 T=0 M2=0 M3=72.7717250405948 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR052 CaseType=Combination P=-179.894333500802 V2=46.0560488947414 V3=0 T=0 M2=0 M3=69.8026045530329 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR053 CaseType=Combination P=-185.899218750943 V2=36.5647089428147 V3=0 T=0 M2=0 M3=62.0700003380688 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR053 CaseType=Combination P=-185.371875000943 V2=33.6668495678147 V3=0 T=0 M2=0 M3=59.8752048084398 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR054 CaseType=Combination P=-63.9755835004762 V2=53.2662948216869 V3=0 T=0 M2=0 M3=39.5122143304889 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR054 CaseType=Combination P=-63.5849585004762 V2=50.3684354466869 V3=0 T=0 M2=0 M3=36.2735696834303 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR055 CaseType=Combination P=-69.453125000617 V2=40.8770954947603 V3=0 T=0 M2=0 M3=28.8104896279628 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR055 CaseType=Combination P=-69.062500000617 V2=37.9792361197603 V3=0 T=0 M2=0 M3=26.3461699388372 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR056 CaseType=Combination P=-94.4120769372798 V2=30.6785339355451 V3=0 T=0 M2=0 M3=38.1151474083081 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR056 CaseType=Combination P=-93.8847331872798 V2=28.5742214355451 V3=0 T=0 M2=0 M3=36.2637097404615 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR057 CaseType=Combination P=-94.4120769373875 V2=18.3784348861413 V3=0 T=0 M2=0 M3=37.684291634985 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR057 CaseType=Combination P=-93.8847331873875 V2=17.4015598861413 V3=0 T=0 M2=0 M3=36.5662644546012 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR058 CaseType=Combination P=-186.549576937388 V2=13.0885966220196 V3=0 T=0 M2=0 M3=62.2252399036913 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR058 CaseType=Combination P=-186.022233187388 V2=12.1117216220196 V3=0 T=0 M2=0 M3=61.437827614815 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR059 CaseType=Combination P=-181.072035436903 V2=49.7803348079464 V3=0 T=0 M2=0 M3=73.9350646708425 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR059 CaseType=Combination P=-180.544691686903 V2=46.8824754329464 V3=0 T=0 M2=0 M3=70.9142925246427 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR060 CaseType=Combination P=-186.549576937044 V2=37.3911354810198 V3=0 T=0 M2=0 M3=63.2333399683165 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR060 CaseType=Combination P=-186.022233187044 V2=34.4932761060198 V3=0 T=0 M2=0 M3=60.9868927800496 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR061 CaseType=Combination P=-64.6259416865773 V2=54.092721359892 V3=0 T=0 M2=0 M3=40.6755539607365 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR061 CaseType=Combination P=-64.2353166865773 V2=51.194861984892 V3=0 T=0 M2=0 M3=37.3852576550402 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR062 CaseType=Combination P=-70.1034831867181 V2=41.7035220329654 V3=0 T=0 M2=0 M3=29.9738292582105 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR062 CaseType=Combination P=-69.7128581867181 V2=38.8056626579654 V3=0 T=0 M2=0 M3=27.4578579104471 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR063 CaseType=Combination P=-93.1113605650776 V2=29.025680859135 V3=0 T=0 M2=0 M3=35.7884681478128 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR063 CaseType=Combination P=-92.5840168150776 V2=26.921368359135 V3=0 T=0 M2=0 M3=34.0403337972418 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR064 CaseType=Combination P=-93.1113605651853 V2=16.7255818097312 V3=0 T=0 M2=0 M3=35.3576123744896 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR064 CaseType=Combination P=-92.5840168151853 V2=15.7487068097312 V3=0 T=0 M2=0 M3=34.3428885113814 FrameElem=23-1  
ElemStation=0.0625

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REV.  
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Frame=23 Station=0 OutputCase=STR065 CaseType=Combination P=-185.248860565185 V2=11.4357435456095 V3=0 T=0 M2=0 M3=59.8985606431959 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR065 CaseType=Combination P=-184.721516815185 V2=10.4588685456095 V3=0 T=0 M2=0 M3=59.2144516715953 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR066 CaseType=Combination P=-179.771319064701 V2=48.1274817315363 V3=0 T=0 M2=0 M3=71.6083854103472 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR066 CaseType=Combination P=-179.243975314701 V2=45.2296223565363 V3=0 T=0 M2=0 M3=68.690916581423 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR067 CaseType=Combination P=-185.248860564842 V2=35.738282406097 V3=0 T=0 M2=0 M3=60.9066607078212 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR067 CaseType=Combination P=-184.721516814842 V2=32.8404230296097 V3=0 T=0 M2=0 M3=58.7635168368299 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR068 CaseType=Combination P=-63.3252253143751 V2=52.4398682834819 V3=0 T=0 M2=0 M3=38.3488747002412 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR068 CaseType=Combination P=-62.9346003143751 V2=49.5420089084819 V3=0 T=0 M2=0 M3=35.1618817118204 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR069 CaseType=Combination P=-68.8027668145159 V2=40.0506689565553 V3=0 T=0 M2=0 M3=27.6471499977152 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR069 CaseType=Combination P=-68.4121418145159 V2=37.1528095815553 V3=0 T=0 M2=0 M3=25.2344819672273 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR070 CaseType=Combination P=-93.7617187511794 V2=31.7909384626985 V3=0 T=0 M2=0 M3=38.5145351198457 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR070 CaseType=Combination P=-93.2343750011794 V2=29.6866259626985 V3=0 T=0 M2=0 M3=36.5935721690521 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR071 CaseType=Combination P=-93.761718751287 V2=19.4908394132947 V3=0 T=0 M2=0 M3=38.0836793465226 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR071 CaseType=Combination P=-93.234375001287 V2=18.5139644132947 V3=0 T=0 M2=0 M3=36.8961268831917 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR072 CaseType=Combination P=-185.899218751287 V2=14.201001149173 V3=0 T=0 M2=0 M3=62.6246276152289 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR072 CaseType=Combination P=-185.371875001287 V2=13.224126149173 V3=0 T=0 M2=0 M3=61.7676900434056 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR073 CaseType=Combination P=-180.421677250803 V2=50.8927393350998 V3=0 T=0 M2=0 M3=74.3344523823801 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR073 CaseType=Combination P=-179.894333500803 V2=47.9948799600998 V3=0 T=0 M2=0 M3=71.2441549532333 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR074 CaseType=Combination P=-185.899218750944 V2=38.5035400081732 V3=0 T=0 M2=0 M3=63.6327276798541 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR074 CaseType=Combination P=-185.371875000944 V2=35.6056806331732 V3=0 T=0 M2=0 M3=61.3167552086402 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR075 CaseType=Combination P=-63.9755835004769 V2=55.2051258870454 V3=0 T=0 M2=0 M3=41.0749416722742 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR075 CaseType=Combination P=-63.5849585004769 V2=52.3072665120454 V3=0 T=0 M2=0 M3=37.7151200836307 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR076 CaseType=Combination P=-69.4531250006177 V2=42.8159265601188 V3=0 T=0 M2=0 M3=30.3732169697481 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR076 CaseType=Combination P=-69.0625000006177 V2=39.9180671851188 V3=0 T=0 M2=0 M3=27.7877203390376 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR077 CaseType=Combination P=-94.8456490613472 V2=28.1043542947378 V3=0 T=0 M2=0 M3=36.3718042898123 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR077 CaseType=Combination P=-94.3183053113472 V2=26.0000417947378 V3=0 T=0 M2=0 M3=34.6812528495161 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR078 CaseType=Combination P=-94.8456490614549 V2=15.804255245334 V3=0 T=0 M2=0 M3=35.9409485164891 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR078 CaseType=Combination P=-94.3183053114549 V2=14.827380245334 V3=0 T=0 M2=0 M3=34.9838075636557 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR079 CaseType=Combination P=-217.262076937388 V2=8.2001865343684 V3=0 T=0 M2=0 M3=67.8866531212657 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR079 CaseType=Combination P=-216.734733187388 V2=7.2233115343684 V3=0 T=0 M2=0 M3=67.4047664628677 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR080 CaseType=Combination P=-210.723063154723 V2=51.2551516688689 V3=0 T=0 M2=0 M3=81.8161552403333 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR080 CaseType=Combination P=-210.195719404723 V2=48.0927766688689 V3=0 T=0 M2=0 M3=78.7113830657164 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR081 CaseType=Combination P=-217.262076936965 V2=36.5035386632341 V3=0 T=0 M2=0 M3=69.0871679496583 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR081 CaseType=Combination P=-216.734733186965 V2=33.3411636632341 V3=0 T=0 M2=0 M3=66.9043715878937 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR082 CaseType=Combination P=-63.564469404397 V2=57.3308176421884 V3=0 T=0 M2=0 M3=40.3763284406585 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR082 CaseType=Combination P=-63.173844404397 V2=54.1684426421884 V3=0 T=0 M2=0 M3=36.8918271427092 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR083 CaseType=Combination P=-70.1034831866395 V2=42.5792046365535 V3=0 T=0 M2=0 M3=27.6473411499836 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR083 CaseType=Combination P=-69.7128581866395 V2=39.4168296365535 V3=0 T=0 M2=0 M3=25.0848156648865 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR084 CaseType=Combination P=-174.369440746436 V2=58.720829144498 V3=0 T=0 M2=0 M3=80.885187619761 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR084 CaseType=Combination P=-173.842096996436 V2=55.822969769498 V3=0 T=0 M2=0 M3=77.3056345775268 FrameElem=23-1  
ElemStation=0.0625

PROGETTO SDR  
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3782004RCECOAIDA1100000100

REV.  
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Frame=23 Station=0 OutputCase=STR085 CaseType=Combination P=-186.983149061455 V2=10.5144169812123 V3=0 T=0 M2=0 M3=60.4818967851954 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR085 CaseType=Combination P=-186.455805311455 V2=9.53754198121234 V3=0 T=0 M2=0 M3=59.8553707238696 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR086 CaseType=Combination P=-181.505607560971 V2=47.2061551671391 V3=0 T=0 M2=0 M3=72.1917215523467 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR086 CaseType=Combination P=-180.978263810971 V2=44.3082957921391 V3=0 T=0 M2=0 M3=69.3318356336973 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR087 CaseType=Combination P=-186.983149061111 V2=34.8169558402125 V3=0 T=0 M2=0 M3=61.4899968498207 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR087 CaseType=Combination P=-186.455805311111 V2=31.9190964652125 V3=0 T=0 M2=0 M3=59.4044358891042 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR088 CaseType=Combination P=-65.0595138106447 V2=51.5185417190847 V3=0 T=0 M2=0 M3=38.9322108422407 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR088 CaseType=Combination P=-64.668888106447 V2=48.6206823440847 V3=0 T=0 M2=0 M3=35.8028007640947 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR089 CaseType=Combination P=-70.5370553107855 V2=39.1293423921581 V3=0 T=0 M2=0 M3=28.2304861397147 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR089 CaseType=Combination P=-70.1464303107855 V2=36.2314830171581 V3=0 T=0 M2=0 M3=25.8754010195017 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR090 CaseType=Combination P=-94.8456490613472 V2=26.2292758949715 V3=0 T=0 M2=0 M3=34.8604625666157 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR090 CaseType=Combination P=-94.3183053113472 V2=24.1249633949715 V3=0 T=0 M2=0 M3=33.2871035263049 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR091 CaseType=Combination P=-94.8456490614549 V2=13.9291768455677 V3=0 T=0 M2=0 M3=34.4296067932925 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR091 CaseType=Combination P=-94.3183053114549 V2=12.9523018455677 V3=0 T=0 M2=0 M3=33.5896582404446 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR092 CaseType=Combination P=-186.983149061455 V2=8.63933858144596 V3=0 T=0 M2=0 M3=58.9705550619988 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR092 CaseType=Combination P=-186.455805311455 V2=7.66246358144596 V3=0 T=0 M2=0 M3=58.4612214006584 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR093 CaseType=Combination P=-181.505607560971 V2=45.3310767673728 V3=0 T=0 M2=0 M3=70.6803798291501 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR093 CaseType=Combination P=-180.978263810971 V2=42.4332173923728 V3=0 T=0 M2=0 M3=67.9376863104862 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR094 CaseType=Combination P=-186.983149061111 V2=32.9418774404461 V3=0 T=0 M2=0 M3=59.9786551266241 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR094 CaseType=Combination P=-186.455805311111 V2=30.0440180654462 V3=0 T=0 M2=0 M3=58.010286565893 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR095 CaseType=Combination P=-65.0595138106447 V2=49.643633193184 V3=0 T=0 M2=0 M3=37.4208691190441 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR095 CaseType=Combination P=-64.668888106447 V2=46.7456039443183 V3=0 T=0 M2=0 M3=34.4086514408836 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR096 CaseType=Combination P=-70.5370553107855 V2=37.2542639923917 V3=0 T=0 M2=0 M3=26.7191444165181 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR096 CaseType=Combination P=-70.1464303107855 V2=34.3564046173917 V3=0 T=0 M2=0 M3=24.4812516962905 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR097 CaseType=Combination P=-94.8456490613472 V2=29.9794326945042 V3=0 T=0 M2=0 M3=37.8831460130088 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR097 CaseType=Combination P=-94.3183053113472 V2=27.8751201945042 V3=0 T=0 M2=0 M3=36.0754021727273 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR098 CaseType=Combination P=-94.8456490614549 V2=17.6793336451004 V3=0 T=0 M2=0 M3=37.4522902396857 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR098 CaseType=Combination P=-94.3183053114549 V2=16.7024586451004 V3=0 T=0 M2=0 M3=36.3779568868669 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR099 CaseType=Combination P=-186.983149061455 V2=12.3894953809787 V3=0 T=0 M2=0 M3=61.993238508392 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR099 CaseType=Combination P=-186.455805311455 V2=11.4126203809787 V3=0 T=0 M2=0 M3=61.2495200470808 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR100 CaseType=Combination P=-181.505607560971 V2=49.0812335669055 V3=0 T=0 M2=0 M3=73.7030632755432 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR100 CaseType=Combination P=-180.978263810971 V2=46.1833741919055 V3=0 T=0 M2=0 M3=70.7259849569085 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR101 CaseType=Combination P=-186.983149061111 V2=36.6920342399789 V3=0 T=0 M2=0 M3=63.0013385730172 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR101 CaseType=Combination P=-186.455805311111 V2=33.7941748649789 V3=0 T=0 M2=0 M3=60.7985852123154 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR102 CaseType=Combination P=-65.0595138106447 V2=53.3936201188511 V3=0 T=0 M2=0 M3=40.4435525654373 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR102 CaseType=Combination P=-64.668888106447 V2=50.4957607438511 V3=0 T=0 M2=0 M3=37.1969500873059 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR103 CaseType=Combination P=-70.5370553107855 V2=41.0044207919245 V3=0 T=0 M2=0 M3=29.7418278629113 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR103 CaseType=Combination P=-70.1464303107855 V2=38.1065614169245 V3=0 T=0 M2=0 M3=27.2695503427128 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR104 CaseType=Combination P=-94.8456490613478 V2=30.0431853600963 V3=0 T=0 M2=0 M3=37.9345116315976 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR104 CaseType=Combination P=-94.3183053113478 V2=27.9388728600963 V3=0 T=0 M2=0 M3=36.1228032497165 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR105 CaseType=Combination P=-94.8456490614555 V2=17.7430863106925 V3=0 T=0 M2=0 M3=37.5036758582744 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR105 CaseType=Combination P=-94.3183053114555 V2=16.7662113106925 V3=0 T=0 M2=0 M3=36.4253579638561 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR106 CaseType=Combination P=-186.983149061456 V2=12.4532480465708 V3=0 T=0 M2=0 M3=62.0446241269807 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR106 CaseType=Combination P=-186.455805311456 V2=11.4763730465708 V3=0 T=0 M2=0 M3=61.29692112407 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR107 CaseType=Combination P=-181.505607560971 V2=49.1449862324976 V3=0 T=0 M2=0 M3=73.754448894132 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR107 CaseType=Combination P=-180.978263810971 V2=46.2471268574976 V3=0 T=0 M2=0 M3=70.7733860338977 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR108 CaseType=Combination P=-186.983149061112 V2=36.755786905571 V3=0 T=0 M2=0 M3=63.052724191606 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR108 CaseType=Combination P=-186.455805311112 V2=33.857927530571 V3=0 T=0 M2=0 M3=60.8459862893046 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR109 CaseType=Combination P=-65.0595138106453 V2=53.4573727844432 V3=0 T=0 M2=0 M3=40.494938184026 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR109 CaseType=Combination P=-64.668888106453 V2=50.5595134094432 V3=0 T=0 M2=0 M3=37.2443511642951 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR110 CaseType=Combination P=-70.5370553107861 V2=41.0681734575166 V3=0 T=0 M2=0 M3=29.7932134815 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR110 CaseType=Combination P=-70.1464303107861 V2=38.1703140825166 V3=0 T=0 M2=0 M3=27.316951419702 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR111 CaseType=Combination P=-92.6777884410102 V2=25.3495991673877 V3=0 T=0 M2=0 M3=32.49400552232 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR111 CaseType=Combination P=-92.1504446910102 V2=23.2452866673877 V3=0 T=0 M2=0 M3=30.9756262774833 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR112 CaseType=Combination P=-92.6777884411179 V2=13.0495001179839 V3=0 T=0 M2=0 M3=32.0631497489969 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR112 CaseType=Combination P=-92.1504446911179 V2=12.0726251179839 V3=0 T=0 M2=0 M3=31.2781809916229 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR113 CaseType=Combination P=-215.961360565185 V2=6.5473334579583 V3=0 T=0 M2=0 M3=65.5599738607704 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR113 CaseType=Combination P=-215.434016815185 V2=5.57045845795829 V3=0 T=0 M2=0 M3=65.1813905196479 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR114 CaseType=Combination P=-209.422346782521 V2=49.6022985924588 V3=0 T=0 M2=0 M3=79.4894759798379 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR114 CaseType=Combination P=-208.895003032521 V2=46.4399235924588 V3=0 T=0 M2=0 M3=76.4880071224967 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR115 CaseType=Combination P=-215.961360564763 V2=34.850685586824 V3=0 T=0 M2=0 M3=66.760488689163 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR115 CaseType=Combination P=-215.434016814763 V2=31.6883105868239 V3=0 T=0 M2=0 M3=64.680995644674 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR116 CaseType=Combination P=-62.2637530321948 V2=55.6779645657783 V3=0 T=0 M2=0 M3=38.0496491801632 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR116 CaseType=Combination P=-61.8731280321948 V2=52.5155895657783 V3=0 T=0 M2=0 M3=34.6684511994895 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR117 CaseType=Combination P=-68.8027668144373 V2=40.9263515601434 V3=0 T=0 M2=0 M3=25.3206618894882 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR117 CaseType=Combination P=-68.4121418144373 V2=37.7639765601434 V3=0 T=0 M2=0 M3=22.8614397216668 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR118 CaseType=Combination P=-173.068724374234 V2=57.0679760680879 V3=0 T=0 M2=0 M3=78.5585083592656 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR118 CaseType=Combination P=-172.541380624234 V2=54.1701166930879 V3=0 T=0 M2=0 M3=75.082258634307 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR119 CaseType=Combination P=-184.815288441118 V2=7.75966185386216 V3=0 T=0 M2=0 M3=56.6049080177031 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR119 CaseType=Combination P=-184.287944691118 V2=6.78278685386216 V3=0 T=0 M2=0 M3=56.1497441518368 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR120 CaseType=Combination P=-179.337746940634 V2=44.451400039789 V3=0 T=0 M2=0 M3=68.3139227848544 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR120 CaseType=Combination P=-178.810403190634 V2=41.553540664789 V3=0 T=0 M2=0 M3=65.6262090616645 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR121 CaseType=Combination P=-184.815288440774 V2=32.0622007128623 V3=0 T=0 M2=0 M3=57.6121980823284 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR121 CaseType=Combination P=-184.287944690774 V2=29.1643413378624 V3=0 T=0 M2=0 M3=55.6988093170714 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR122 CaseType=Combination P=-62.8916531903077 V2=48.7637865917346 V3=0 T=0 M2=0 M3=35.0544120747484 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR122 CaseType=Combination P=-62.5010281903077 V2=45.8659272167345 V3=0 T=0 M2=0 M3=32.0971741920619 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR123 CaseType=Combination P=-68.3691946904485 V2=36.3745872648079 V3=0 T=0 M2=0 M3=24.3526873722224 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR123 CaseType=Combination P=-67.9785696904485 V2=33.4767278898079 V3=0 T=0 M2=0 M3=22.1697744474688 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR124 CaseType=Combination P=-92.6777884410102 V2=23.4745207676213 V3=0 T=0 M2=0 M3=30.9826637991234 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR124 CaseType=Combination P=-92.1504446910102 V2=21.3702082676213 V3=0 T=0 M2=0 M3=29.5814769542721 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR125 CaseType=Combination P=-92.6777884411179 V2=11.1744217182175 V3=0 T=0 M2=0 M3=30.5518080258003 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR125 CaseType=Combination P=-92.1504446911179 V2=10.1975467182175 V3=0 T=0 M2=0 M3=29.8840316684117 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR126 CaseType=Combination P=-184.815288441118 V2=5.88458345409578 V3=0 T=0 M2=0 M3=55.0927562945066 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR126 CaseType=Combination P=-184.287944691118 V2=4.90770845409578 V3=0 T=0 M2=0 M3=54.7555948286256 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR127 CaseType=Combination P=-179.337746940634 V2=42.5763216400226 V3=0 T=0 M2=0 M3=66.8025810616578 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR127 CaseType=Combination P=-178.810403190634 V2=39.6784622650226 V3=0 T=0 M2=0 M3=64.2320597384533 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR128 CaseType=Combination P=-184.815288440774 V2=30.187122313096 V3=0 T=0 M2=0 M3=56.1008563591318 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR128 CaseType=Combination P=-184.287944690774 V2=27.289262938096 V3=0 T=0 M2=0 M3=54.3046599938602 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR129 CaseType=Combination P=-62.8916531903077 V2=46.8887081919682 V3=0 T=0 M2=0 M3=33.5430703515518 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR129 CaseType=Combination P=-62.5010281903077 V2=43.9908488169682 V3=0 T=0 M2=0 M3=30.7030248688507 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR130 CaseType=Combination P=-68.3691946904485 V2=34.4995088650416 V3=0 T=0 M2=0 M3=22.8413456490258 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR130 CaseType=Combination P=-67.9785696904485 V2=31.6016494900416 V3=0 T=0 M2=0 M3=20.7756251242576 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR131 CaseType=Combination P=-92.6777884410102 V2=27.224677567154 V3=0 T=0 M2=0 M3=34.0053472455166 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR131 CaseType=Combination P=-92.1504446910102 V2=25.120365067154 V3=0 T=0 M2=0 M3=32.3697756006945 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR132 CaseType=Combination P=-92.6777884411179 V2=14.9245785177502 V3=0 T=0 M2=0 M3=33.5744914721935 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR132 CaseType=Combination P=-92.1504446911179 V2=13.9477035177502 V3=0 T=0 M2=0 M3=32.6723303148341 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR133 CaseType=Combination P=-184.815288441118 V2=9.63474025362854 V3=0 T=0 M2=0 M3=58.1154397408997 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR133 CaseType=Combination P=-184.287944691118 V2=8.65786525362854 V3=0 T=0 M2=0 M3=57.5438934750479 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR134 CaseType=Combination P=-179.337746940634 V2=46.3264784395553 V3=0 T=0 M2=0 M3=69.825264508051 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR134 CaseType=Combination P=-178.810403190634 V2=43.4286190645553 V3=0 T=0 M2=0 M3=67.0203583848756 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR135 CaseType=Combination P=-184.815288440774 V2=33.9372791126287 V3=0 T=0 M2=0 M3=59.123539805525 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR135 CaseType=Combination P=-184.287944690774 V2=31.0394197376287 V3=0 T=0 M2=0 M3=57.0929586402826 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR136 CaseType=Combination P=-62.8916531903077 V2=50.6388649915009 V3=0 T=0 M2=0 M3=36.565753797945 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR136 CaseType=Combination P=-62.5010281903077 V2=47.7410056165009 V3=0 T=0 M2=0 M3=33.4913235152731 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR137 CaseType=Combination P=-68.3691946904485 V2=38.2496656645743 V3=0 T=0 M2=0 M3=25.864029095419 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR137 CaseType=Combination P=-67.9785696904485 V2=35.3518062895743 V3=0 T=0 M2=0 M3=23.5639237068 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR138 CaseType=Combination P=-92.6777884410109 V2=27.2884302327461 V3=0 T=0 M2=0 M3=34.0567328641053 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR138 CaseType=Combination P=-92.1504446910109 V2=25.1841177327461 V3=0 T=0 M2=0 M3=32.4171766776836 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR139 CaseType=Combination P=-92.6777884411186 V2=14.9883311833424 V3=0 T=0 M2=0 M3=33.6258770907822 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR139 CaseType=Combination P=-92.1504446911186 V2=14.0114561833424 V3=0 T=0 M2=0 M3=32.7197313918233 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR140 CaseType=Combination P=-184.815288441119 V2=9.69849291922065 V3=0 T=0 M2=0 M3=58.1668253594884 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR140 CaseType=Combination P=-184.287944691119 V2=8.72161791922065 V3=0 T=0 M2=0 M3=57.5912945520371 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR141 CaseType=Combination P=-179.337746940634 V2=46.3902311051475 V3=0 T=0 M2=0 M3=69.8766501266397 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR141 CaseType=Combination P=-178.810403190634 V2=43.4923717301475 V3=0 T=0 M2=0 M3=67.0677594618648 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR142 CaseType=Combination P=-184.815288440775 V2=34.0010317782208 V3=0 T=0 M2=0 M3=59.1749254241137 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR142 CaseType=Combination P=-184.287944690775 V2=31.1031724032208 V3=0 T=0 M2=0 M3=57.1403597172718 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR143 CaseType=Combination P=-62.8916531903084 V2=50.702617657093 V3=0 T=0 M2=0 M3=36.6171394165337 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR143 CaseType=Combination P=-62.5010281903084 V2=47.804758282093 V3=0 T=0 M2=0 M3=33.5387245922623 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR144 CaseType=Combination P=-68.3691946904492 V2=38.3134183301664 V3=0 T=0 M2=0 M3=25.915447140077 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR144 CaseType=Combination P=-67.9785696904492 V2=35.4155589551664 V3=0 T=0 M2=0 M3=23.6113248476692 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=STR145 CaseType=Combination P=-93.7617187511798 V2=29.9583618399936 V3=0 T=0 M2=0 M3=37.0374504757083 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR145 CaseType=Combination P=-93.2343750011798 V2=27.8540493399936 V3=0 T=0 M2=0 M3=35.2310235638337 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR146 CaseType=Combination P=-93.7617187512875 V2=17.6582627905898 V3=0 T=0 M2=0 M3=36.6065947023852 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR146 CaseType=Combination P=-93.2343750012875 V2=16.6813877905898 V3=0 T=0 M2=0 M3=35.5335782779733 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR147 CaseType=Combination P=-216.611718751287 V2=9.31259106152184 V3=0 T=0 M2=0 M3=68.2860408328033 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR147 CaseType=Combination P=-216.084375001287 V2=8.33571606152184 V3=0 T=0 M2=0 M3=67.7346288914582 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR148 CaseType=Combination P=-210.072704968622 V2=52.3675561960224 V3=0 T=0 M2=0 M3=82.2155429518709 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR148 CaseType=Combination P=-209.545361218622 V2=49.2051811960224 V3=0 T=0 M2=0 M3=79.041245494307 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR149 CaseType=Combination P=-216.611718750865 V2=37.6159431903875 V3=0 T=0 M2=0 M3=69.486555661196 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR149 CaseType=Combination P=-216.084375000865 V2=34.4535681903875 V3=0 T=0 M2=0 M3=67.2342340164842 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR150 CaseType=Combination P=-62.9141112182965 V2=58.4432221693419 V3=0 T=0 M2=0 M3=40.7757161521961 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR150 CaseType=Combination P=-62.5234862182965 V2=55.2808471693418 V3=0 T=0 M2=0 M3=37.2216895712998 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR151 CaseType=Combination P=-69.4531250005391 V2=43.691609163707 V3=0 T=0 M2=0 M3=28.0467288615212 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR151 CaseType=Combination P=-69.0625000005391 V2=40.529234163707 V3=0 T=0 M2=0 M3=25.414678093477 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR152 CaseType=Combination P=-173.719082560336 V2=59.832336716514 V3=0 T=0 M2=0 M3=81.2845753312986 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR152 CaseType=Combination P=-173.191738810336 V2=56.9353742966514 V3=0 T=0 M2=0 M3=77.6354970061173 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR153 CaseType=Combination P=-185.899218751287 V2=12.3684245264681 V3=0 T=0 M2=0 M3=61.1475429710914 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR153 CaseType=Combination P=-185.371875001287 V2=11.3915495264681 V3=0 T=0 M2=0 M3=60.4051414381872 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR154 CaseType=Combination P=-180.421677250803 V2=49.0601627123949 V3=0 T=0 M2=0 M3=72.8573677382427 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR154 CaseType=Combination P=-179.894333500803 V2=46.1623033373949 V3=0 T=0 M2=0 M3=69.8816063480149 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR155 CaseType=Combination P=-185.899218750944 V2=36.6709633854683 V3=0 T=0 M2=0 M3=62.1556430357167 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR155 CaseType=Combination P=-185.371875000944 V2=33.7731040104683 V3=0 T=0 M2=0 M3=59.9542066034218 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR156 CaseType=Combination P=-63.9755835004773 V2=53.3725492643405 V3=0 T=0 M2=0 M3=39.5978570281367 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR156 CaseType=Combination P=-63.5849585004773 V2=50.4746898893405 V3=0 T=0 M2=0 M3=36.3525714784123 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR157 CaseType=Combination P=-69.4531250006181 V2=40.9833499374138 V3=0 T=0 M2=0 M3=28.8961323256107 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR157 CaseType=Combination P=-69.0625000006181 V2=38.0854905624138 V3=0 T=0 M2=0 M3=26.4251717338192 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR158 CaseType=Combination P=-93.7617187511798 V2=28.0832834402272 V3=0 T=0 M2=0 M3=35.5261087525117 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR158 CaseType=Combination P=-93.2343750011798 V2=25.9789709402272 V3=0 T=0 M2=0 M3=33.8368742406225 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR159 CaseType=Combination P=-93.7617187512875 V2=15.7831843908234 V3=0 T=0 M2=0 M3=35.0952529791886 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR159 CaseType=Combination P=-93.2343750012875 V2=14.8063093908234 V3=0 T=0 M2=0 M3=34.1394289547621 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR160 CaseType=Combination P=-185.899218751287 V2=10.4933461267017 V3=0 T=0 M2=0 M3=59.6362012478948 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR160 CaseType=Combination P=-185.371875001287 V2=9.51647112670169 V3=0 T=0 M2=0 M3=59.010992114976 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR161 CaseType=Combination P=-180.421677250803 V2=47.1850843126285 V3=0 T=0 M2=0 M3=71.3460260150461 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR161 CaseType=Combination P=-179.894333500803 V2=44.2872249376285 V3=0 T=0 M2=0 M3=68.4874570248037 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR162 CaseType=Combination P=-185.899218750944 V2=34.7958849857019 V3=0 T=0 M2=0 M3=60.6443013125201 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR162 CaseType=Combination P=-185.371875000944 V2=31.8980256107019 V3=0 T=0 M2=0 M3=58.5600572802106 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR163 CaseType=Combination P=-63.9755835004773 V2=51.4974708645741 V3=0 T=0 M2=0 M3=38.0865153049401 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR163 CaseType=Combination P=-63.5849585004773 V2=48.5996114895741 V3=0 T=0 M2=0 M3=34.9584221552011 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR164 CaseType=Combination P=-69.4531250006181 V2=39.1082715376475 V3=0 T=0 M2=0 M3=27.3847906024141 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR164 CaseType=Combination P=-69.0625000006181 V2=36.2104121626475 V3=0 T=0 M2=0 M3=25.031022410608 FrameElem=23-1  
ElemStation=0.0625

PROGETTO S.D.P.

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REV.  
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Frame=23 Station=0 OutputCase=STR165 CaseType=Combination P=-93.7617187511798 V2=31.8334402397599 V3=0 T=0 M2=0 M3=38.5487921989049 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR165 CaseType=Combination P=-93.2343750011798 V2=29.7291277397599 V3=0 T=0 M2=0 M3=36.6251728870449 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR166 CaseType=Combination P=-93.7617187512875 V2=19.5333411903562 V3=0 T=0 M2=0 M3=38.1179364255817 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR166 CaseType=Combination P=-93.2343750012875 V2=18.5564661903562 V3=0 T=0 M2=0 M3=36.9277276011845 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR167 CaseType=Combination P=-185.899218751287 V2=14.2435029262344 V3=0 T=0 M2=0 M3=62.658884694288 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR167 CaseType=Combination P=-185.371875001287 V2=13.2666279262344 V3=0 T=0 M2=0 M3=61.7992907613984 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR168 CaseType=Combination P=-180.421677250803 V2=50.9352411121612 V3=0 T=0 M2=0 M3=74.3687094614393 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR168 CaseType=Combination P=-179.894333500803 V2=48.0373817371612 V3=0 T=0 M2=0 M3=71.2757556712261 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR169 CaseType=Combination P=-185.899218750944 V2=38.5460417852346 V3=0 T=0 M2=0 M3=63.6669847589133 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR169 CaseType=Combination P=-185.371875000944 V2=35.6481824102346 V3=0 T=0 M2=0 M3=61.348355926633 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR170 CaseType=Combination P=-63.9755835004773 V2=55.2476276641068 V3=0 T=0 M2=0 M3=41.1091987513333 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR170 CaseType=Combination P=-63.5849585004773 V2=52.3497682891068 V3=0 T=0 M2=0 M3=37.7467208016235 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR171 CaseType=Combination P=-69.4531250006181 V2=42.8584283371802 V3=0 T=0 M2=0 M3=30.4074740488073 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR171 CaseType=Combination P=-69.0625000006181 V2=39.9605689621802 V3=0 T=0 M2=0 M3=27.8193210570304 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR172 CaseType=Combination P=-94.4120769372809 V2=30.7847883781986 V3=0 T=0 M2=0 M3=38.200790105956 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR172 CaseType=Combination P=-93.8847331872809 V2=28.6804758781986 V3=0 T=0 M2=0 M3=36.3427115354435 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR173 CaseType=Combination P=-94.4120769373886 V2=18.4846893287948 V3=0 T=0 M2=0 M3=37.7699343326328 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR173 CaseType=Combination P=-93.8847331873886 V2=17.5078143287948 V3=0 T=0 M2=0 M3=36.6452662495832 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR174 CaseType=Combination P=-186.549576937389 V2=13.1948510646731 V3=0 T=0 M2=0 M3=62.3108826013391 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR174 CaseType=Combination P=-186.022233187389 V2=12.2179760646731 V3=0 T=0 M2=0 M3=61.516829409797 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR175 CaseType=Combination P=-181.072035436904 V2=49.8865892505999 V3=0 T=0 M2=0 M3=74.0207073684904 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR175 CaseType=Combination P=-180.544691686904 V2=46.9887298755999 V3=0 T=0 M2=0 M3=70.9932943196248 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR176 CaseType=Combination P=-186.549576937045 V2=37.4973899236733 V3=0 T=0 M2=0 M3=63.3189826659644 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR176 CaseType=Combination P=-186.022233187045 V2=34.5995305486733 V3=0 T=0 M2=0 M3=61.0658945750316 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR177 CaseType=Combination P=-64.6259416865784 V2=54.1989758025455 V3=0 T=0 M2=0 M3=40.7611966583844 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR177 CaseType=Combination P=-64.2353166865784 V2=51.3011164275455 V3=0 T=0 M2=0 M3=37.4642594500222 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR178 CaseType=Combination P=-70.1034831867192 V2=41.8097764756189 V3=0 T=0 M2=0 M3=30.0594719558584 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR178 CaseType=Combination P=-69.7128581867192 V2=38.9119171006189 V3=0 T=0 M2=0 M3=27.5368597054291 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR179 CaseType=Combination P=-94.4120769372809 V2=30.7847883781986 V3=0 T=0 M2=0 M3=38.200790105956 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR179 CaseType=Combination P=-93.8847331872809 V2=28.6804758781986 V3=0 T=0 M2=0 M3=36.3427115354435 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR180 CaseType=Combination P=-93.1113605650787 V2=29.1319353017885 V3=0 T=0 M2=0 M3=35.8741108454606 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR180 CaseType=Combination P=-92.5840168150787 V2=27.0276228017885 V3=0 T=0 M2=0 M3=34.1193355922238 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR181 CaseType=Combination P=-93.1113605651864 V2=16.8318362523847 V3=0 T=0 M2=0 M3=35.4432550721375 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR181 CaseType=Combination P=-92.5840168151864 V2=15.8549612523847 V3=0 T=0 M2=0 M3=34.4218903063634 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR182 CaseType=Combination P=-185.248860565186 V2=11.541997988263 V3=0 T=0 M2=0 M3=59.9842033408437 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR182 CaseType=Combination P=-184.721516815186 V2=10.565122988263 V3=0 T=0 M2=0 M3=59.2934534665773 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR183 CaseType=Combination P=-179.771319064702 V2=48.2337361741898 V3=0 T=0 M2=0 M3=71.694028107995 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR183 CaseType=Combination P=-179.243975314702 V2=45.3358767991898 V3=0 T=0 M2=0 M3=68.769918376405 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR184 CaseType=Combination P=-185.248860564843 V2=35.8445368472632 V3=0 T=0 M2=0 M3=60.992303405469 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR184 CaseType=Combination P=-184.721516814843 V2=32.9466774722632 V3=0 T=0 M2=0 M3=58.8425186318119 FrameElem=23-1  
ElemStation=0.0625

PROVA SDR

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3782004RCECOAIDA11000000100

REV.  
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Frame=23 Station=0 OutputCase=STR185 CaseType=Combination P=-63.3252253143762 V2=52.5461227261354 V3=0 T=0 M2=0 M3=38.434517397889 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR185 CaseType=Combination P=-62.9346003143762 V2=49.6482633511354 V3=0 T=0 M2=0 M3=35.2408835068024 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR186 CaseType=Combination P=-68.802766814517 V2=40.1569233992088 V3=0 T=0 M2=0 M3=27.732792695363 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR186 CaseType=Combination P=-68.412141814517 V2=37.2590640242088 V3=0 T=0 M2=0 M3=25.3134837622093 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=STR187 CaseType=Combination P=-93.1113605650787 V2=29.1319353017885 V3=0 T=0 M2=0 M3=35.8741108454606 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=STR187 CaseType=Combination P=-92.5840168150787 V2=27.0276228017885 V3=0 T=0 M2=0 M3=34.1193355922238 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-62.2637530321948 V2=59.8332336716514 V3=0 T=0 M2=0 M3=82.2155429518709 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Max P=-61.8731280321948 V2=56.9353742966514 V3=0 T=0 M2=0 M3=79.041245494307 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-217.262076937388 V2=5.1854822130549 V3=0 T=0 M2=0 M3=22.6093442537266 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Min P=-216.734733187388 V2=4.2086072130549 V3=0 T=0 M2=0 M3=20.587317556234 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS01 CaseType=Combination P=-53.9667804364522 V2=54.8561757397627 V3=0 T=0 M2=0 M3=44.5840543797525 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS01 CaseType=Combination P=-53.5928429364522 V2=52.5405507397627 V3=0 T=0 M2=0 M3=41.2280043335173 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS02 CaseType=Combination P=-53.9667804364522 V2=53.5540379621472 V3=0 T=0 M2=0 M3=43.5345115164215 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS02 CaseType=Combination P=-53.5928429364522 V2=51.2384129621472 V3=0 T=0 M2=0 M3=40.2598450812873 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS03 CaseType=Combination P=-53.9667804364522 V2=56.1583135173783 V3=0 T=0 M2=0 M3=45.6335972430835 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS03 CaseType=Combination P=-53.5928429364522 V2=53.8426885173783 V3=0 T=0 M2=0 M3=42.1961633857473 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS04 CaseType=Combination P=-54.4184180656891 V2=55.4300830579607 V3=0 T=0 M2=0 M3=45.3919291229801 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS04 CaseType=Combination P=-54.0444805656891 V2=53.1144580579607 V3=0 T=0 M2=0 M3=42.000098693575 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS05 CaseType=Combination P=-53.5151428072154 V2=54.2822684215648 V3=0 T=0 M2=0 M3=43.7761796365249 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS05 CaseType=Combination P=-53.1412053072154 V2=51.9666434215648 V3=0 T=0 M2=0 M3=40.4559987976772 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS06 CaseType=Combination P=-53.9667804364522 V2=56.2025862018172 V3=0 T=0 M2=0 M3=45.6692817004367 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS06 CaseType=Combination P=-53.5928429364522 V2=53.8869612018172 V3=0 T=0 M2=0 M3=42.2290810003232 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS07 CaseType=Combination P=-54.4184180656891 V2=54.1279452803451 V3=0 T=0 M2=0 M3=44.3423862596491 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS07 CaseType=Combination P=-54.0444805656891 V2=51.8123202803451 V3=0 T=0 M2=0 M3=41.0318506171275 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS08 CaseType=Combination P=-53.5151428072154 V2=52.9801306439492 V3=0 T=0 M2=0 M3=42.726636773194 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS08 CaseType=Combination P=-53.1412053072154 V2=50.6645056439492 V3=0 T=0 M2=0 M3=39.4878395454472 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS09 CaseType=Combination P=-53.9667804364522 V2=54.9004484242017 V3=0 T=0 M2=0 M3=44.6197388371058 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS09 CaseType=Combination P=-53.5928429364522 V2=52.5848234242017 V3=0 T=0 M2=0 M3=41.2609217480932 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS10 CaseType=Combination P=-59.8599054364662 V2=54.7570707879249 V3=0 T=0 M2=0 M3=46.1936644328234 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS10 CaseType=Combination P=-59.4525929364662 V2=52.4414457879249 V3=0 T=0 M2=0 M3=42.8438084460781 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS11 CaseType=Combination P=-59.8599054364662 V2=53.4549330103093 V3=0 T=0 M2=0 M3=45.1441215694925 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS11 CaseType=Combination P=-59.4525929364662 V2=51.1393080103093 V3=0 T=0 M2=0 M3=41.8756491938481 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS12 CaseType=Combination P=-59.8599054364662 V2=56.0592085655404 V3=0 T=0 M2=0 M3=47.2432072961544 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS12 CaseType=Combination P=-59.4525929364662 V2=53.7435835655404 V3=0 T=0 M2=0 M3=43.8119676983081 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS13 CaseType=Combination P=-60.3115430657031 V2=55.3309781061228 V3=0 T=0 M2=0 M3=47.001539176051 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS13 CaseType=Combination P=-59.9042305657031 V2=53.0153531061228 V3=0 T=0 M2=0 M3=43.6158139819183 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS14 CaseType=Combination P=-59.4082678072293 V2=54.1831634697269 V3=0 T=0 M2=0 M3=45.3857896895959 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS14 CaseType=Combination P=-59.0009553072293 V2=51.8675384697269 V3=0 T=0 M2=0 M3=42.0718029102379 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS15 CaseType=Combination P=-59.8599054364662 V2=56.1034812499794 V3=0 T=0 M2=0 M3=47.2788947535077 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS15 CaseType=Combination P=-59.4525929364662 V2=53.7878562499794 V3=0 T=0 M2=0 M3=43.8448851128839 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=SIS16 CaseType=Combination P=-60.31115430657031 V2=54.0288403285073 V3=0 T=0 M2=0 M3=45.95199631272 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS16 CaseType=Combination P=-59.9042305657031 V2=51.7132153285073 V3=0 T=0 M2=0 M3=42.6476547296883 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS17 CaseType=Combination P=-59.4082678072293 V2=52.8810256921114 V3=0 T=0 M2=0 M3=44.3362468262649 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS17 CaseType=Combination P=-59.0009553072293 V2=50.5654006921114 V3=0 T=0 M2=0 M3=41.1036436580079 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS18 CaseType=Combination P=-59.8599054364667 V2=54.8013434723638 V3=0 T=0 M2=0 M3=46.2293488901767 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS18 CaseType=Combination P=-59.4525929364667 V2=52.4857184723638 V3=0 T=0 M2=0 M3=42.876725860654 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS19 CaseType=Combination P=-54.0114367670903 V2=41.3016731802748 V3=0 T=0 M2=0 M3=32.6369456409838 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS19 CaseType=Combination P=-53.6764367670903 V2=39.0630481802748 V3=0 T=0 M2=0 M3=30.1256457547166 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS20 CaseType=Combination P=-54.0114367670903 V2=39.9995354026593 V3=0 T=0 M2=0 M3=31.5874027776528 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS20 CaseType=Combination P=-53.6764367670903 V2=37.7609104026593 V3=0 T=0 M2=0 M3=29.1574865024866 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS21 CaseType=Combination P=-54.0114367670903 V2=42.6038109578904 V3=0 T=0 M2=0 M3=33.6864885043148 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS21 CaseType=Combination P=-53.6764367670903 V2=40.3651859578904 V3=0 T=0 M2=0 M3=31.0938050069466 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS22 CaseType=Combination P=-54.4630743963272 V2=41.8755804984728 V3=0 T=0 M2=0 M3=33.4448203842113 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS22 CaseType=Combination P=-54.1280743963272 V2=39.6369554984728 V3=0 T=0 M2=0 M3=30.8976512905568 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS23 CaseType=Combination P=-53.5597991378535 V2=40.7277658620769 V3=0 T=0 M2=0 M3=31.8290708977562 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS23 CaseType=Combination P=-53.2247991378535 V2=38.4891408620769 V3=0 T=0 M2=0 M3=29.3536402188764 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS24 CaseType=Combination P=-54.0114367670908 V2=42.6480836423293 V3=0 T=0 M2=0 M3=33.722172961668 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS24 CaseType=Combination P=-53.6764367670908 V2=40.4094586423293 V3=0 T=0 M2=0 M3=31.1267224215224 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS25 CaseType=Combination P=-54.4630743963272 V2=40.5734427208573 V3=0 T=0 M2=0 M3=32.3952775208804 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS25 CaseType=Combination P=-54.1280743963272 V2=38.3348177208573 V3=0 T=0 M2=0 M3=29.9294920383268 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS26 CaseType=Combination P=-53.5597991378535 V2=39.4256280844613 V3=0 T=0 M2=0 M3=30.7795280344253 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS26 CaseType=Combination P=-53.2247991378535 V2=37.1870030844613 V3=0 T=0 M2=0 M3=28.385480966464 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS27 CaseType=Combination P=-54.0114367670908 V2=41.3459458647138 V3=0 T=0 M2=0 M3=32.6726300983371 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS27 CaseType=Combination P=-53.6764367670908 V2=39.1073208647138 V3=0 T=0 M2=0 M3=30.1586531692924 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS28 CaseType=Combination P=-73.6551867671369 V2=40.9713233408153 V3=0 T=0 M2=0 M3=38.0023124845535 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS28 CaseType=Combination P=-73.2089367671369 V2=38.7326983408153 V3=0 T=0 M2=0 M3=35.5116594632526 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS29 CaseType=Combination P=-73.6551867671369 V2=39.6691855631997 V3=0 T=0 M2=0 M3=36.9527696212226 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS29 CaseType=Combination P=-73.2089367671369 V2=37.4305605631997 V3=0 T=0 M2=0 M3=34.5435002110226 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS30 CaseType=Combination P=-73.6551867671369 V2=42.273461184308 V3=0 T=0 M2=0 M3=39.0518553478845 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS30 CaseType=Combination P=-73.2089367671369 V2=40.0348361184308 V3=0 T=0 M2=0 M3=36.4798187154826 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS31 CaseType=Combination P=-74.1068243963738 V2=41.5452306590132 V3=0 T=0 M2=0 M3=38.8101872277811 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS31 CaseType=Combination P=-73.6605743963738 V2=39.3066056590132 V3=0 T=0 M2=0 M3=36.2836649990928 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS32 CaseType=Combination P=-73.2035491379 V2=40.3974160226173 V3=0 T=0 M2=0 M3=37.194437741326 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS32 CaseType=Combination P=-72.7572991379 V2=38.1587910226173 V3=0 T=0 M2=0 M3=34.7396539274124 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS33 CaseType=Combination P=-73.6551867671374 V2=42.3177338028698 V3=0 T=0 M2=0 M3=39.0875398052378 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS33 CaseType=Combination P=-73.2089367671374 V2=40.0791088028698 V3=0 T=0 M2=0 M3=36.5127361300584 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS34 CaseType=Combination P=-74.1068243963738 V2=40.2430928813977 V3=0 T=0 M2=0 M3=37.7606443644501 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS34 CaseType=Combination P=-73.6605743963738 V2=38.0044678813977 V3=0 T=0 M2=0 M3=35.3155057468628 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=SIS35 CaseType=Combination P=-73.2035491379 V2=39.0952782450018 V3=0 T=0 M2=0 M3=36.144894877995 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS35 CaseType=Combination P=-72.7572991379 V2=36.8566532450018 V3=0 T=0 M2=0 M3=33.7714946751824 FrameElem=23-1  
ElemStation=0.0625

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Frame=23 Station=0 OutputCase=SIS36 CaseType=Combination P=-73.6551867671374 V2=41.0155960252542 V3=0 T=0 M2=0 M3=38.0379969419068 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=SIS36 CaseType=Combination P=-73.2089367671374 V2=38.7769710252542 V3=0 T=0 M2=0 M3=35.5445768778284 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-53.5151428072154 V2=56.2025862018172 V3=0 T=0 M2=0 M3=47.2788917535077 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Max P=-53.1412053072154 V2=53.8869612018172 V3=0 T=0 M2=0 M3=43.8448851128839 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-74.1068243963738 V2=39.0952782450018 V3=0 T=0 M2=0 M3=30.7795280344253 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Min P=-73.6605743963738 V2=36.8566532450018 V3=0 T=0 M2=0 M3=28.3854809666464 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR001 CaseType=Combination P=-69.4531250008731 V2=19.797760541528 V3=0 T=0 M2=0 M3=25.5058554859749 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR001 CaseType=Combination P=-69.062500008731 V2=18.239010541528 V3=0 T=0 M2=0 M3=24.3173626396294 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR002 CaseType=Combination P=-160.45312500096 V2=8.2248943505972 V3=0 T=0 M2=0 M3=49.5214602900655 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR002 CaseType=Combination P=-160.06250000096 V2=7.2480193505972 V3=0 T=0 M2=0 M3=49.0380293931532 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR003 CaseType=Combination P=-156.124569302134 V2=36.1635361617361 V3=0 T=0 M2=0 M3=58.7049757240334 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR003 CaseType=Combination P=-155.733944302134 V2=33.8210361617361 V3=0 T=0 M2=0 M3=56.5178471618415 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR004 CaseType=Combination P=-160.45312500064 V2=26.4274904629845 V3=0 T=0 M2=0 M3=50.3139469032672 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR004 CaseType=Combination P=-160.06250000064 V2=24.0849904629845 V3=0 T=0 M2=0 M3=48.7353211972473 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR005 CaseType=Combination P=-65.1245693021338 V2=41.3880677806218 V3=0 T=0 M2=0 M3=34.4670021253111 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR005 CaseType=Combination P=-64.7339443021338 V2=39.0455677806218 V3=0 T=0 M2=0 M3=31.9533403369389 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR006 CaseType=Combination P=-69.4531250006403 V2=31.6520220818701 V3=0 T=0 M2=0 M3=26.0759733045449 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR006 CaseType=Combination P=-69.0625000006403 V2=29.3095220818701 V3=0 T=0 M2=0 M3=24.1708143723447 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR007 CaseType=Combination P=-129.19596011081 V2=41.6936676251651 V3=0 T=0 M2=0 M3=58.015370079165 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR007 CaseType=Combination P=-128.80533511081 V2=39.5471051251651 V3=0 T=0 M2=0 M3=55.4765519854047 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR008 CaseType=Combination P=-69.4531250009604 V2=10.8451504142517 V3=0 T=0 M2=0 M3=23.1844009646814 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR008 CaseType=Combination P=-69.062500009604 V2=9.86827541425175 V3=0 T=0 M2=0 M3=22.5372040637906 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR009 CaseType=Combination P=-160.45312500096 V2=6.66232901745855 V3=0 T=0 M2=0 M3=48.2620088540684 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR009 CaseType=Combination P=-160.06250000096 V2=5.68545401745855 V3=0 T=0 M2=0 M3=47.8762382904772 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR010 CaseType=Combination P=-156.124569302134 V2=34.6009708285975 V3=0 T=0 M2=0 M3=57.4455242880362 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR010 CaseType=Combination P=-155.733944302134 V2=32.2584708285975 V3=0 T=0 M2=0 M3=55.3560560591655 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR011 CaseType=Combination P=-160.45312500064 V2=24.8649251298458 V3=0 T=0 M2=0 M3=49.05449546727 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR011 CaseType=Combination P=-160.06250000064 V2=22.5224251298458 V3=0 T=0 M2=0 M3=47.5735300945713 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR012 CaseType=Combination P=-65.1245693021338 V2=39.8255024474831 V3=0 T=0 M2=0 M3=33.207550689314 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR012 CaseType=Combination P=-64.7339443021338 V2=37.4830024474831 V3=0 T=0 M2=0 M3=30.7915492324629 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR013 CaseType=Combination P=-69.4531250006403 V2=30.0894567487314 V3=0 T=0 M2=0 M3=24.8165218685477 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR013 CaseType=Combination P=-69.0625000006403 V2=27.7469567487314 V3=0 T=0 M2=0 M3=23.0090232696687 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR014 CaseType=Combination P=-129.19596011081 V2=40.1311022920264 V3=0 T=0 M2=0 M3=56.7559186431679 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR014 CaseType=Combination P=-128.80533511081 V2=37.9845397920264 V3=0 T=0 M2=0 M3=54.3147608827287 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR015 CaseType=Combination P=-137.70312500096 V2=6.92675170008752 V3=0 T=0 M2=0 M3=41.362881163723 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR015 CaseType=Combination P=-137.31250000096 V2=5.94987670008752 V3=0 T=0 M2=0 M3=40.9605841824676 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR016 CaseType=Combination P=-134.160845066712 V2=30.1518920678385 V3=0 T=0 M2=0 M3=48.902191151827 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR016 CaseType=Combination P=-133.770220066712 V2=28.0053295678385 V3=0 T=0 M2=0 M3=47.0847340303996 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR017 CaseType=Combination P=-137.703125000698 V2=22.1657824273892 V3=0 T=0 M2=0 M3=42.0128363222822 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR017 CaseType=Combination P=-137.312500000698 V2=20.0192199273892 V3=0 T=0 M2=0 M3=40.6945130533828 FrameElem=23-1 ElemStation=0.0625

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M2=0 M3=47.0847340303996  
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Frame=23 Station=0 OutputCase=RAR018 CaseType=Combination P=-65.9108450667118 V2=34.0702907820028 V3=0 T=0 M2=0 M3=30.7237109527853 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR018 CaseType=Combination P=-65.5202200667118 V2=31.9237282820028 V3=0 T=0 M2=0 M3=28.6613539117226 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR019 CaseType=Combination P=-69.4531250006985 V2=26.0841811415535 V3=0 T=0 M2=0 M3=23.8343581232405 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR019 CaseType=Combination P=-69.062500006985 V2=23.9376186415535 V3=0 T=0 M2=0 M3=22.2711329347059 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR020 CaseType=Combination P=-69.9950901560447 V2=11.5338391960893 V3=0 T=0 M2=0 M3=24.1538506565544 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR020 CaseType=Combination P=-69.6044651560447 V2=10.5569641960893 V3=0 T=0 M2=0 M3=23.4636107067988 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR021 CaseType=Combination P=-138.2450901560445 V2=7.61544048192507 V3=0 T=0 M2=0 M3=42.3323308555961 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR021 CaseType=Combination P=-137.854465156045 V2=6.63856548192507 V3=0 T=0 M2=0 M3=41.8869908254758 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR022 CaseType=Combination P=-134.702810221796 V2=30.8405808496761 V3=0 T=0 M2=0 M3=49.8716408437 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR022 CaseType=Combination P=-134.312185221796 V2=28.6940183496761 V3=0 T=0 M2=0 M3=48.0111406734078 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR023 CaseType=Combination P=-138.245090155783 V2=22.8544712092268 V3=0 T=0 M2=0 M3=42.9822880141552 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR023 CaseType=Combination P=-137.854465155783 V2=20.7079087092268 V3=0 T=0 M2=0 M3=41.6209196963911 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR024 CaseType=Combination P=-66.452810221796 V2=34.7589795638403 V3=0 T=0 M2=0 M3=31.6931606446583 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR024 CaseType=Combination P=-66.062185221796 V2=32.6124170638403 V3=0 T=0 M2=0 M3=29.5877605547308 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR025 CaseType=Combination P=-69.9950901557827 V2=26.772869923391 V3=0 T=0 M2=0 M3=24.8038078151135 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR025 CaseType=Combination P=-69.6044651557827 V2=24.626307423391 V3=0 T=0 M2=0 M3=23.1975395777141 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR026 CaseType=Combination P=-68.9111598458762 V2=10.1564616324142 V3=0 T=0 M2=0 M3=22.2149512728083 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR026 CaseType=Combination P=-68.5205348458762 V2=9.1795866324142 V3=0 T=0 M2=0 M3=21.6107974207824 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR027 CaseType=Combination P=-137.161159845876 V2=6.23806291824998 V3=0 T=0 M2=0 M3=40.39343147185 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR027 CaseType=Combination P=-136.770534845876 V2=5.26118791824998 V3=0 T=0 M2=0 M3=40.0341775394594 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR028 CaseType=Combination P=-133.618879911628 V2=29.463203286001 V3=0 T=0 M2=0 M3=47.9327414599539 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR028 CaseType=Combination P=-133.228254911628 V2=27.316640786001 V3=0 T=0 M2=0 M3=46.1583273873913 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR029 CaseType=Combination P=-137.161159845614 V2=21.4770936455517 V3=0 T=0 M2=0 M3=41.0433886304091 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR029 CaseType=Combination P=-136.770534845614 V2=19.3305311455517 V3=0 T=0 M2=0 M3=39.7681064103746 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR030 CaseType=Combination P=-65.3688799116275 V2=33.3816020001652 V3=0 T=0 M2=0 M3=29.7542612609122 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR030 CaseType=Combination P=-64.9782549116275 V2=31.2350395001652 V3=0 T=0 M2=0 M3=27.7349472687144 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR031 CaseType=Combination P=-68.9111598456143 V2=25.3954923597159 V3=0 T=0 M2=0 M3=22.8649084313674 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR031 CaseType=Combination P=-68.5205348456143 V2=23.2489298597159 V3=0 T=0 M2=0 M3=21.3447262916977 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR032 CaseType=Combination P=-69.453125000961 V2=12.4608429687172 V3=0 T=0 M2=0 M3=24.4866737495024 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR032 CaseType=Combination P=-69.06250000961 V2=11.4839679687172 V3=0 T=0 M2=0 M3=23.7384960639576 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR033 CaseType=Combination P=-137.703125000961 V2=8.54244425455293 V3=0 T=0 M2=0 M3=42.6651539485441 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR033 CaseType=Combination P=-137.31250000961 V2=7.56556925455293 V3=0 T=0 M2=0 M3=42.1618761826346 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR034 CaseType=Combination P=-134.160845066712 V2=31.7675846223039 V3=0 T=0 M2=0 M3=50.204463936648 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR034 CaseType=Combination P=-133.770220066712 V2=29.6210221223039 V3=0 T=0 M2=0 M3=48.2860260305666 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR035 CaseType=Combination P=-137.703125000699 V2=23.7814749818547 V3=0 T=0 M2=0 M3=43.3151111071032 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR035 CaseType=Combination P=-137.31250000699 V2=21.6349124818547 V3=0 T=0 M2=0 M3=41.8958050535498 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR036 CaseType=Combination P=-65.9108450667123 V2=35.6859833364682 V3=0 T=0 M2=0 M3=32.0259837376064 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR036 CaseType=Combination P=-65.5202200667123 V2=33.5394208364682 V3=0 T=0 M2=0 M3=29.8626459118896 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR037 CaseType=Combination P=-69.453125000699 V2=27.6998736960189 V3=0 T=0 M2=0 M3=25.1366309080616 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR037 CaseType=Combination P=-69.06250000699 V2=25.5533111960189 V3=0 T=0 M2=0 M3=23.4724249348729 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=RAR038 CaseType=Combination P=-69.4531250009604 V2=16.0537015247139 V3=0 T=0 M2=0 M3=27.3825724180052 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR038 CaseType=Combination P=-69.062500009604 V2=15.0768265247139 V3=0 T=0 M2=0 M3=26.4098410727106 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR039 CaseType=Combination P=-160.45312500096 V2=9.78745968373585 V3=0 T=0 M2=0 M3=50.7809117260627 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR039 CaseType=Combination P=-160.0625000096 V2=8.81058468373585 V3=0 T=0 M2=0 M3=50.1998204958292 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR040 CaseType=Combination P=-156.124569302134 V2=37.7261014948748 V3=0 T=0 M2=0 M3=59.9644271600305 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR040 CaseType=Combination P=-155.733944302134 V2=35.3836014948748 V3=0 T=0 M2=0 M3=57.6796382645175 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR041 CaseType=Combination P=-160.45312500064 V2=27.9900557961231 V3=0 T=0 M2=0 M3=51.5733983392643 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR041 CaseType=Combination P=-160.0625000064 V2=25.6475557961231 V3=0 T=0 M2=0 M3=49.8971122999233 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR042 CaseType=Combination P=-65.1245693021338 V2=42.9506331137604 V3=0 T=0 M2=0 M3=35.7264535613083 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR042 CaseType=Combination P=-64.7339443021338 V2=40.6081331137604 V3=0 T=0 M2=0 M3=33.1151314396149 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR043 CaseType=Combination P=-69.4531250006403 V2=33.2145874150087 V3=0 T=0 M2=0 M3=27.3354247405421 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR043 CaseType=Combination P=-69.062500006403 V2=30.8720874150087 V3=0 T=0 M2=0 M3=25.3326054750207 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR044 CaseType=Combination P=-129.19596011081 V2=43.2562329583037 V3=0 T=0 M2=0 M3=59.2748215151622 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR044 CaseType=Combination P=-128.80533511081 V2=41.1096704583037 V3=0 T=0 M2=0 M3=56.6383430880807 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR045 CaseType=Combination P=-137.70312500096 V2=12.1353028105497 V3=0 T=0 M2=0 M3=45.5610526170469 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR045 CaseType=Combination P=-137.3125000096 V2=11.1584278105497 V3=0 T=0 M2=0 M3=44.8332211913875 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR046 CaseType=Combination P=-134.160845066712 V2=35.3604431783007 V3=0 T=0 M2=0 M3=53.1003626051508 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR046 CaseType=Combination P=-133.770220066712 V2=33.2138806783007 V3=0 T=0 M2=0 M3=50.9573710393195 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR047 CaseType=Combination P=-137.703125000698 V2=27.3743335378514 V3=0 T=0 M2=0 M3=46.211009775606 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR047 CaseType=Combination P=-137.31250000698 V2=25.2277710378514 V3=0 T=0 M2=0 M3=44.5671500623028 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR048 CaseType=Combination P=-65.9108450667118 V2=39.2788418924649 V3=0 T=0 M2=0 M3=34.9218824061091 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR048 CaseType=Combination P=-65.5202200667118 V2=37.1322793924649 V3=0 T=0 M2=0 M3=32.5339909206426 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR049 CaseType=Combination P=-69.4531250006985 V2=31.2927322520156 V3=0 T=0 M2=0 M3=28.0325295765643 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR049 CaseType=Combination P=-69.062500006985 V2=29.1461697520156 V3=0 T=0 M2=0 M3=26.1437699436259 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR050 CaseType=Combination P=-69.9950901560447 V2=16.7423903065515 V3=0 T=0 M2=0 M3=28.3520221098783 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR050 CaseType=Combination P=-69.6044651560447 V2=15.7655153065515 V3=0 T=0 M2=0 M3=27.3362477157188 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR051 CaseType=Combination P=-138.245090156045 V2=12.8239915923872 V3=0 T=0 M2=0 M3=46.53050230892 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR051 CaseType=Combination P=-137.854465156045 V2=11.8471165923872 V3=0 T=0 M2=0 M3=45.7596278343958 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR052 CaseType=Combination P=-134.702810221796 V2=36.0491319601382 V3=0 T=0 M2=0 M3=54.0698122970239 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR052 CaseType=Combination P=-134.312185221796 V2=33.9025694601382 V3=0 T=0 M2=0 M3=51.8837776823278 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR053 CaseType=Combination P=-138.245090155783 V2=28.063022319689 V3=0 T=0 M2=0 M3=47.1804594674791 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR053 CaseType=Combination P=-137.854465155783 V2=25.916459819689 V3=0 T=0 M2=0 M3=45.493556705311 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR054 CaseType=Combination P=-66.452810221796 V2=39.9675306743025 V3=0 T=0 M2=0 M3=35.8913320979822 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR054 CaseType=Combination P=-66.062185221796 V2=37.8209681743025 V3=0 T=0 M2=0 M3=33.4603975636508 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR055 CaseType=Combination P=-69.9950901557827 V2=31.9814210338532 V3=0 T=0 M2=0 M3=29.0019792684374 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR055 CaseType=Combination P=-69.6044651557827 V2=29.8348585338532 V3=0 T=0 M2=0 M3=27.0701765866341 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR056 CaseType=Combination P=-68.9111598458762 V2=15.3650127428764 V3=0 T=0 M2=0 M3=26.4131227261321 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR056 CaseType=Combination P=-68.5205348458762 V2=14.3881377428764 V3=0 T=0 M2=0 M3=25.4834344297024 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR057 CaseType=Combination P=-137.161159845876 V2=11.4466140287121 V3=0 T=0 M2=0 M3=44.591609251738 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR057 CaseType=Combination P=-136.770534845876 V2=10.4697390287121 V3=0 T=0 M2=0 M3=43.9068145483793 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=RAR058 CaseType=Combination P=-133.618879911628 V2=34.6717543964632 V3=0 T=0 M2=0 M3=52.1309129132778 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR058 CaseType=Combination P=-133.228254911628 V2=32.5251918964632 V3=0 T=0 M2=0 M3=50.0309643963113 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR059 CaseType=Combination P=-137.161159845614 V2=26.6856447560139 V3=0 T=0 M2=0 M3=45.2415600837329 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR059 CaseType=Combination P=-136.770534845614 V2=24.5390822560139 V3=0 T=0 M2=0 M3=43.6407434192946 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR060 CaseType=Combination P=-65.3688799116275 V2=38.5901531106274 V3=0 T=0 M2=0 M3=33.9524327142361 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR060 CaseType=Combination P=-64.9782549116275 V2=36.4435906106274 V3=0 T=0 M2=0 M3=31.6075842776344 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR061 CaseType=Combination P=-68.9111598456143 V2=30.6040434701781 V3=0 T=0 M2=0 M3=27.0630798846913 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR061 CaseType=Combination P=-68.5205348456143 V2=28.4574809701781 V3=0 T=0 M2=0 M3=25.2173633006176 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR062 CaseType=Combination P=-69.453125000961 V2=17.6693940791793 V3=0 T=0 M2=0 M3=28.6848452028263 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR062 CaseType=Combination P=-69.06250000961 V2=16.6925190791793 V3=0 T=0 M2=0 M3=27.6111330728776 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR063 CaseType=Combination P=-137.703125000961 V2=13.7509953650151 V3=0 T=0 M2=0 M3=46.863325401868 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR063 CaseType=Combination P=-137.31250000961 V2=12.7741203650151 V3=0 T=0 M2=0 M3=46.0345131915545 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR064 CaseType=Combination P=-134.160845066712 V2=36.9761357327661 V3=0 T=0 M2=0 M3=54.4026353899719 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR064 CaseType=Combination P=-133.770220066712 V2=34.8295732327661 V3=0 T=0 M2=0 M3=52.1586630394865 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR065 CaseType=Combination P=-137.703125000699 V2=28.9900260923168 V3=0 T=0 M2=0 M3=47.5132825604271 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR065 CaseType=Combination P=-137.31250000699 V2=26.8434635923168 V3=0 T=0 M2=0 M3=45.7684420624698 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR066 CaseType=Combination P=-65.9108450667123 V2=40.8945344469303 V3=0 T=0 M2=0 M3=36.2241551909302 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR066 CaseType=Combination P=-65.5202200667123 V2=38.7479719469303 V3=0 T=0 M2=0 M3=33.7352829208096 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR067 CaseType=Combination P=-69.453125000699 V2=32.9084248064811 V3=0 T=0 M2=0 M3=29.3348023613854 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR067 CaseType=Combination P=-69.06250000699 V2=30.761862306481 V3=0 T=0 M2=0 M3=27.3450619437928 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR068 CaseType=Combination P=-70.3564002594342 V2=14.5972406058787 V3=0 T=0 M2=0 M3=26.8992361777984 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR068 CaseType=Combination P=-69.9657752594342 V2=13.6203656058787 V3=0 T=0 M2=0 M3=26.017533639931 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR069 CaseType=Combination P=-160.995090156045 V2=8.91358313243474 V3=0 T=0 M2=0 M3=50.4909099819386 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR069 CaseType=Combination P=-160.604465156045 V2=7.93670813243474 V3=0 T=0 M2=0 M3=49.9644360361614 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR070 CaseType=Combination P=-156.666534457218 V2=36.8522249435737 V3=0 T=0 M2=0 M3=59.6744254159064 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR070 CaseType=Combination P=-156.275909457218 V2=34.5097249435737 V3=0 T=0 M2=0 M3=57.4442538048498 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR071 CaseType=Combination P=-160.995090155725 V2=27.116179244822 V3=0 T=0 M2=0 M3=51.2833965951402 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR071 CaseType=Combination P=-160.604465155725 V2=24.773679244822 V3=0 T=0 M2=0 M3=49.6617278402555 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR072 CaseType=Combination P=-65.666534457218 V2=42.0767565624593 V3=0 T=0 M2=0 M3=35.4364518171842 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR072 CaseType=Combination P=-65.275909457218 V2=39.7342565624593 V3=0 T=0 M2=0 M3=32.8797469799472 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR073 CaseType=Combination P=-69.9950901557245 V2=32.3407108637076 V3=0 T=0 M2=0 M3=27.045422996418 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR073 CaseType=Combination P=-69.6044651557245 V2=29.9982108637076 V3=0 T=0 M2=0 M3=25.0972210153529 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR074 CaseType=Combination P=-129.737925265894 V2=42.3823564070026 V3=0 T=0 M2=0 M3=58.9848197710381 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR074 CaseType=Combination P=-129.347300265894 V2=40.2357939070026 V3=0 T=0 M2=0 M3=56.4029586284129 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR075 CaseType=Combination P=-138.606400259434 V2=10.6788418917145 V3=0 T=0 M2=0 M3=45.0777163768401 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR075 CaseType=Combination P=-138.215775259434 V2=9.70196689171451 V3=0 T=0 M2=0 M3=44.4409137586079 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR076 CaseType=Combination P=-135.064120325186 V2=33.9039822594655 V3=0 T=0 M2=0 M3=52.617026364944 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR076 CaseType=Combination P=-134.673495325186 V2=31.7574197594655 V3=0 T=0 M2=0 M3=50.565063065399 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR077 CaseType=Combination P=-138.606400259172 V2=25.9178726190162 V3=0 T=0 M2=0 M3=45.7276755353992 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR077 CaseType=Combination P=-138.215775259172 V2=23.7713101190162 V3=0 T=0 M2=0 M3=44.1748426295232 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=RAR078 CaseType=Combination P=-66.8141203251855 V2=37.8223809736297 V3=0 T=0 M2=0 M3=34.4385461659023 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR078 CaseType=Combination P=-66.4234953251855 V2=35.6758184736297 V3=0 T=0 M2=0 M3=32.141683487863 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR079 CaseType=Combination P=-70.3564002591722 V2=29.8362713331805 V3=0 T=0 M2=0 M3=27.5491933363575 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR079 CaseType=Combination P=-69.9657752591722 V2=27.6897088331805 V3=0 T=0 M2=0 M3=25.7514625108462 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR080 CaseType=Combination P=-70.3564002594342 V2=13.0346752727401 V3=0 T=0 M2=0 M3=25.6397847418012 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR080 CaseType=Combination P=-69.9657752594342 V2=12.0578002727401 V3=0 T=0 M2=0 M3=24.855742537255 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR081 CaseType=Combination P=-138.606400259434 V2=9.11627655857586 V3=0 T=0 M2=0 M3=43.8182649408429 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR081 CaseType=Combination P=-138.215775259434 V2=8.13940155857586 V3=0 T=0 M2=0 M3=43.2791226559319 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR082 CaseType=Combination P=-135.064120325186 V2=32.3414169263269 V3=0 T=0 M2=0 M3=51.3575749289468 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR082 CaseType=Combination P=-134.673495325186 V2=30.1948544263269 V3=0 T=0 M2=0 M3=49.4032725038639 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR083 CaseType=Combination P=-138.606400259172 V2=24.3553072858776 V3=0 T=0 M2=0 M3=44.468222099402 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR083 CaseType=Combination P=-138.215775259172 V2=22.2087447858776 V3=0 T=0 M2=0 M3=43.0130515268472 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR084 CaseType=Combination P=-66.8141203251855 V2=36.2598156404911 V3=0 T=0 M2=0 M3=33.1790947299052 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR084 CaseType=Combination P=-66.4234953251855 V2=34.1132531404911 V3=0 T=0 M2=0 M3=30.979892385187 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR085 CaseType=Combination P=-70.3564002591722 V2=28.2737060000418 V3=0 T=0 M2=0 M3=26.2897419003604 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR085 CaseType=Combination P=-69.9657752591722 V2=26.1271435000418 V3=0 T=0 M2=0 M3=24.5896714081702 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR086 CaseType=Combination P=-70.3564002594342 V2=16.1598059390174 V3=0 T=0 M2=0 M3=28.1586876137956 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR086 CaseType=Combination P=-69.9657752594342 V2=15.1829309390174 V3=0 T=0 M2=0 M3=27.179324742607 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR087 CaseType=Combination P=-138.606400259434 V2=12.2414072248532 V3=0 T=0 M2=0 M3=46.3371678128372 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR087 CaseType=Combination P=-138.215775259434 V2=11.2645322248532 V3=0 T=0 M2=0 M3=45.6027048612839 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR088 CaseType=Combination P=-135.064120325186 V2=35.4665475926042 V3=0 T=0 M2=0 M3=53.8764778009412 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR088 CaseType=Combination P=-134.673495325186 V2=33.3199850926042 V3=0 T=0 M2=0 M3=51.7268547092159 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR089 CaseType=Combination P=-138.606400259172 V2=27.4804379521549 V3=0 T=0 M2=0 M3=46.9871249713964 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR089 CaseType=Combination P=-138.215775259172 V2=25.3338754521549 V3=0 T=0 M2=0 M3=45.3366337321992 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR090 CaseType=Combination P=-66.8141203251855 V2=39.3849463067684 V3=0 T=0 M2=0 M3=35.6979976018995 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR090 CaseType=Combination P=-66.4234953251855 V2=37.2383838067684 V3=0 T=0 M2=0 M3=33.3034745905389 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR091 CaseType=Combination P=-70.3564002591722 V2=31.3988366663191 V3=0 T=0 M2=0 M3=28.8086447723547 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR091 CaseType=Combination P=-69.9657752591722 V2=29.2522741663191 V3=0 T=0 M2=0 M3=26.9132536135222 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR092 CaseType=Combination P=-70.3564002594347 V2=16.2129331603441 V3=0 T=0 M2=0 M3=28.2015089626195 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR092 CaseType=Combination P=-69.9657752594347 V2=15.2360581603441 V3=0 T=0 M2=0 M3=27.218825640098 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR093 CaseType=Combination P=-138.606400259435 V2=12.2945344461799 V3=0 T=0 M2=0 M3=46.3799891616612 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR093 CaseType=Combination P=-138.215775259435 V2=11.3176594461799 V3=0 T=0 M2=0 M3=45.6422057587749 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR094 CaseType=Combination P=-135.064120325186 V2=35.5196748139309 V3=0 T=0 M2=0 M3=53.9192991497651 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR094 CaseType=Combination P=-134.673495325186 V2=33.3731123139309 V3=0 T=0 M2=0 M3=51.7663556067069 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR095 CaseType=Combination P=-138.606400259173 V2=27.5335651734816 V3=0 T=0 M2=0 M3=47.0299463202203 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR095 CaseType=Combination P=-138.215775259173 V2=25.3870026734816 V3=0 T=0 M2=0 M3=45.3761346296902 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR096 CaseType=Combination P=-66.8141203251861 V2=39.4380735280952 V3=0 T=0 M2=0 M3=35.7408189507234 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR096 CaseType=Combination P=-66.4234953251861 V2=37.2915110280952 V3=0 T=0 M2=0 M3=33.34297548803 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR097 CaseType=Combination P=-70.3564002591728 V2=31.4519638876459 V3=0 T=0 M2=0 M3=28.8514661211786 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR097 CaseType=Combination P=-69.9657752591728 V2=29.3054013876459 V3=0 T=0 M2=0 M3=26.9527545110132 FrameElem=23-1 ElemStation=0.0625

PRODOTTO S.D.P.  
Società di Progetto  
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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=23 Station=0 OutputCase=RAR098 CaseType=Combination P=-68.5498497424867 V2=12.3016113330869 V3=0 T=0 M2=0 M3=23.6677372048882 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR098 CaseType=Combination P=-68.1592247424867 V2=11.3247363330869 V3=0 T=0 M2=0 M3=22.9295114965702 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR099 CaseType=Combination P=-159.911159845876 V2=7.53620556875965 V3=0 T=0 M2=0 M3=48.5520105981925 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR099 CaseType=Combination P=-159.520534845876 V2=6.55933056875965 V3=0 T=0 M2=0 M3=48.111622750145 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR100 CaseType=Combination P=-155.582604147049 V2=35.4748473798986 V3=0 T=0 M2=0 M3=57.7355260321603 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR100 CaseType=Combination P=-155.191979147049 V2=33.1323473798986 V3=0 T=0 M2=0 M3=55.5914405188333 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR101 CaseType=Combination P=-159.911159845556 V2=25.7388016811469 V3=0 T=0 M2=0 M3=49.3444972113941 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR101 CaseType=Combination P=-159.520534845556 V2=23.3963016811469 V3=0 T=0 M2=0 M3=47.8089145542391 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR102 CaseType=Combination P=-64.5826041470495 V2=40.6993789987842 V3=0 T=0 M2=0 M3=33.4975524334381 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR102 CaseType=Combination P=-64.1919791470495 V2=38.3568789987842 V3=0 T=0 M2=0 M3=31.0269336939307 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR103 CaseType=Combination P=-68.911159845556 V2=30.9633333000325 V3=0 T=0 M2=0 M3=25.1065236126718 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR103 CaseType=Combination P=-68.520534845556 V2=28.6208333000325 V3=0 T=0 M2=0 M3=23.2444077293365 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR104 CaseType=Combination P=-128.653994955726 V2=41.0049788433276 V3=0 T=0 M2=0 M3=57.045920387292 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR104 CaseType=Combination P=-128.26369955726 V2=38.8584163433275 V3=0 T=0 M2=0 M3=54.5501453423965 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR105 CaseType=Combination P=-136.799849742487 V2=8.3832126189227 V3=0 T=0 M2=0 M3=41.8462174039299 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR105 CaseType=Combination P=-136.409224742487 V2=7.4063376189227 V3=0 T=0 M2=0 M3=41.3528916152472 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR106 CaseType=Combination P=-133.257569808238 V2=31.6083529866737 V3=0 T=0 M2=0 M3=49.3855273920338 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR106 CaseType=Combination P=-132.866944808238 V2=29.4617904866737 V3=0 T=0 M2=0 M3=47.4770414631792 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR107 CaseType=Combination P=-136.799849742225 V2=23.6222433462244 V3=0 T=0 M2=0 M3=42.496174562489 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR107 CaseType=Combination P=-136.409224742225 V2=21.4756808462244 V3=0 T=0 M2=0 M3=41.0868204861625 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR108 CaseType=Combination P=-65.007569808238 V2=35.5267517008379 V3=0 T=0 M2=0 M3=31.2070471929921 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR108 CaseType=Combination P=-64.616944808238 V2=33.3801892008379 V3=0 T=0 M2=0 M3=29.0536613445022 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR109 CaseType=Combination P=-68.5498497422248 V2=27.5406420603886 V3=0 T=0 M2=0 M3=24.3176943634473 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR109 CaseType=Combination P=-68.1592247422248 V2=25.3940795603886 V3=0 T=0 M2=0 M3=22.6634403674855 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR110 CaseType=Combination P=-68.5498497424867 V2=10.7390459999483 V3=0 T=0 M2=0 M3=22.408285768891 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR110 CaseType=Combination P=-68.1592247424867 V2=9.76217099994827 V3=0 T=0 M2=0 M3=21.7677203938943 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR111 CaseType=Combination P=-136.799849742487 V2=6.82064728578405 V3=0 T=0 M2=0 M3=40.5867659679327 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR111 CaseType=Combination P=-136.409224742487 V2=5.84377228578405 V3=0 T=0 M2=0 M3=40.1911005125712 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR112 CaseType=Combination P=-133.257569808238 V2=30.0457876535351 V3=0 T=0 M2=0 M3=48.1260759560366 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR112 CaseType=Combination P=-132.866944808238 V2=27.8992251535351 V3=0 T=0 M2=0 M3=46.3152503605032 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR113 CaseType=Combination P=-136.799849742225 V2=22.0596780130858 V3=0 T=0 M2=0 M3=41.2367231264918 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR113 CaseType=Combination P=-136.409224742225 V2=19.9131155130858 V3=0 T=0 M2=0 M3=39.9250293834865 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR114 CaseType=Combination P=-65.007569808238 V2=33.9641863676993 V3=0 T=0 M2=0 M3=29.9475957569949 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR114 CaseType=Combination P=-64.616944808238 V2=31.8176238676993 V3=0 T=0 M2=0 M3=27.8918702418262 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR115 CaseType=Combination P=-68.5498497422248 V2=25.97807672725 V3=0 T=0 M2=0 M3=23.0582429274501 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR115 CaseType=Combination P=-68.1592247422248 V2=23.83151422725 V3=0 T=0 M2=0 M3=21.5016492648095 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR116 CaseType=Combination P=-68.5498497424867 V2=13.8641766662256 V3=0 T=0 M2=0 M3=24.9271886408853 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR116 CaseType=Combination P=-68.1592247424867 V2=12.8873016662256 V3=0 T=0 M2=0 M3=24.0913025992462 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR117 CaseType=Combination P=-136.799849742487 V2=9.94577795206135 V3=0 T=0 M2=0 M3=43.105668339927 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR117 CaseType=Combination P=-136.409224742487 V2=8.96890295206135 V3=0 T=0 M2=0 M3=42.5146827179232 FrameElem=23-1 ElemStation=0.0625

PROVA SDR  
Società di Progetto  
Brebemi SpA





Doc. N.  
37820-IDA11-A02.doc

CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
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Frame=23 Station=0 OutputCase=RAR118 CaseType=Combination P=-133.257569808238 V2=33.1709183198124 V3=0 T=0 M2=0 M3=50.6449788280309 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR118 CaseType=Combination P=-132.866944808238 V2=31.0243558198124 V3=0 T=0 M2=0 M3=48.6388325658552 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR119 CaseType=Combination P=-136.799849742225 V2=25.1848086793631 V3=0 T=0 M2=0 M3=43.7556259984861 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR119 CaseType=Combination P=-136.409224742225 V2=23.0382461793631 V3=0 T=0 M2=0 M3=42.2486115888385 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR120 CaseType=Combination P=-65.007569808238 V2=37.0893170339766 V3=0 T=0 M2=0 M3=32.4664986289893 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR120 CaseType=Combination P=-64.616944808238 V2=34.9427545339766 V3=0 T=0 M2=0 M3=30.2154524471782 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR121 CaseType=Combination P=-68.5498497422248 V2=29.1032073935273 V3=0 T=0 M2=0 M3=25.5771457994445 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR121 CaseType=Combination P=-68.1592247422248 V2=26.9566448935273 V3=0 T=0 M2=0 M3=23.8252314701615 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR122 CaseType=Combination P=-68.5498497424872 V2=13.9173038875523 V3=0 T=0 M2=0 M3=24.9700099897093 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR122 CaseType=Combination P=-68.1592247424872 V2=12.9404288875523 V3=0 T=0 M2=0 M3=24.1308034967372 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR123 CaseType=Combination P=-136.7998497424872 V2=9.99890517338811 V3=0 T=0 M2=0 M3=43.1484901887509 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR123 CaseType=Combination P=-136.4092247424872 V2=9.02203017338811 V3=0 T=0 M2=0 M3=42.5541836154142 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR124 CaseType=Combination P=-133.257569808239 V2=33.2240455411391 V3=0 T=0 M2=0 M3=50.6878001768549 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR124 CaseType=Combination P=-132.866944808239 V2=31.0774830411391 V3=0 T=0 M2=0 M3=48.6783334633462 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR125 CaseType=Combination P=-136.799849742225 V2=25.2379359006898 V3=0 T=0 M2=0 M3=43.7984473473101 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR125 CaseType=Combination P=-136.409224742225 V2=23.0913734006898 V3=0 T=0 M2=0 M3=42.2881124863295 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR126 CaseType=Combination P=-65.0075698082386 V2=37.142442553033 V3=0 T=0 M2=0 M3=32.5093199778132 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR126 CaseType=Combination P=-64.6169448082386 V2=34.9958817553033 V3=0 T=0 M2=0 M3=30.2549533446692 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR127 CaseType=Combination P=-68.5498497422253 V2=29.1563346148541 V3=0 T=0 M2=0 M3=25.6199671482684 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR127 CaseType=Combination P=-68.1592247422253 V2=27.0097721148541 V3=0 T=0 M2=0 M3=23.8647323676525 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR128 CaseType=Combination P=-69.4531250009613 V2=16.1422468935918 V3=0 T=0 M2=0 M3=27.4539413327118 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR128 CaseType=Combination P=-69.062500009613 V2=15.1653718935918 V3=0 T=0 M2=0 M3=26.4756759018623 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR129 CaseType=Combination P=-160.453125000961 V2=9.8405869050626 V3=0 T=0 M2=0 M3=50.8237330748866 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR129 CaseType=Combination P=-160.06250000961 V2=8.8637119050626 V3=0 T=0 M2=0 M3=50.2393213933202 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR130 CaseType=Combination P=-156.124569302134 V2=37.7792287162016 V3=0 T=0 M2=0 M3=60.0072485088545 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR130 CaseType=Combination P=-155.733944302134 V2=35.4367287162016 V3=0 T=0 M2=0 M3=57.7191391620085 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR131 CaseType=Combination P=-160.453125000641 V2=28.0431830174499 V3=0 T=0 M2=0 M3=51.6162196880882 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR131 CaseType=Combination P=-160.06250000641 V2=25.7006830174499 V3=0 T=0 M2=0 M3=49.9366131974143 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR132 CaseType=Combination P=-65.1245693021343 V2=43.0037603350872 V3=0 T=0 M2=0 M3=35.7692749101322 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR132 CaseType=Combination P=-64.7339443021343 V2=40.6612603350872 V3=0 T=0 M2=0 M3=33.1546323371059 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR133 CaseType=Combination P=-69.4531250006408 V2=33.2677146363355 V3=0 T=0 M2=0 M3=27.378246089366 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR133 CaseType=Combination P=-69.062500006408 V2=30.9252146363355 V3=0 T=0 M2=0 M3=25.3721063725117 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR134 CaseType=Combination P=-129.195960110811 V2=43.3093601796305 V3=0 T=0 M2=0 M3=59.3176428639861 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR134 CaseType=Combination P=-128.805335110811 V2=41.1627976796305 V3=0 T=0 M2=0 M3=56.6778439855717 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR135 CaseType=Combination P=-137.703125000961 V2=12.2238481794276 V3=0 T=0 M2=0 M3=45.6324215317534 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR135 CaseType=Combination P=-137.31250000961 V2=11.2469731794276 V3=0 T=0 M2=0 M3=44.8990560205392 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR136 CaseType=Combination P=-134.160845066713 V2=35.448985471786 V3=0 T=0 M2=0 M3=53.1717315198574 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR136 CaseType=Combination P=-133.770220066713 V2=33.3024260471786 V3=0 T=0 M2=0 M3=51.0232058684712 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR137 CaseType=Combination P=-137.703125000699 V2=27.4628789067293 V3=0 T=0 M2=0 M3=46.2823786903126 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR137 CaseType=Combination P=-137.31250000699 V2=25.3163164067293 V3=0 T=0 M2=0 M3=44.6329848914545 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=RAR138 CaseType=Combination P=-65.9108450667127 V2=39.3673872613429 V3=0 T=0 M2=0 M3=34.9932513208157 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR138 CaseType=Combination P=-65.5202200667127 V2=37.2208247613429 V3=0 T=0 M2=0 M3=32.5998257497942 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR139 CaseType=Combination P=-69.4531250006994 V2=31.3812776208936 V3=0 T=0 M2=0 M3=28.1038984912709 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR139 CaseType=Combination P=-69.062500006994 V2=29.2347151208936 V3=0 T=0 M2=0 M3=26.2096047727775 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR140 CaseType=Combination P=-69.4531250009613 V2=14.5796815604532 V3=0 T=0 M2=0 M3=26.1944898967146 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR140 CaseType=Combination P=-69.062500009613 V2=13.6028065604532 V3=0 T=0 M2=0 M3=25.3138847991863 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR141 CaseType=Combination P=-137.703125000961 V2=10.661282846289 V3=0 T=0 M2=0 M3=44.3729700957563 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR141 CaseType=Combination P=-137.31250000961 V2=9.68440784628897 V3=0 T=0 M2=0 M3=43.7372649178632 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR142 CaseType=Combination P=-134.160845066713 V2=33.88642321404 V3=0 T=0 M2=0 M3=51.9122800838602 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR142 CaseType=Combination P=-133.770220066713 V2=31.73986071404 V3=0 T=0 M2=0 M3=49.8614147657952 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR143 CaseType=Combination P=-137.703125000699 V2=25.9003135735907 V3=0 T=0 M2=0 M3=45.0229272543154 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR143 CaseType=Combination P=-137.31250000699 V2=23.7537510735907 V3=0 T=0 M2=0 M3=43.4711937887785 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR144 CaseType=Combination P=-65.9108450667127 V2=37.8048219282042 V3=0 T=0 M2=0 M3=33.7337998848185 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR144 CaseType=Combination P=-65.5202200667127 V2=35.6582594282042 V3=0 T=0 M2=0 M3=31.4380346471183 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR145 CaseType=Combination P=-69.4531250006994 V2=29.8187122877549 V3=0 T=0 M2=0 M3=26.8444470552737 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR145 CaseType=Combination P=-69.062500006994 V2=27.6721497877549 V3=0 T=0 M2=0 M3=25.0478136701015 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR146 CaseType=Combination P=-69.4531250009613 V2=17.7048122267305 V3=0 T=0 M2=0 M3=28.7133927687089 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR146 CaseType=Combination P=-69.062500009613 V2=16.7279372267305 V3=0 T=0 M2=0 M3=27.6374670045383 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR147 CaseType=Combination P=-137.703125000961 V2=13.7864135125663 V3=0 T=0 M2=0 M3=46.8918729677506 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR147 CaseType=Combination P=-137.31250000961 V2=12.8095385125663 V3=0 T=0 M2=0 M3=46.0608471232152 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR148 CaseType=Combination P=-134.160845066713 V2=37.0115538803173 V3=0 T=0 M2=0 M3=54.4311829558545 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR148 CaseType=Combination P=-133.770220066713 V2=34.8649913803173 V3=0 T=0 M2=0 M3=52.1849969711472 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR149 CaseType=Combination P=-137.703125000699 V2=29.025444239868 V3=0 T=0 M2=0 M3=47.5418301263097 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR149 CaseType=Combination P=-137.31250000699 V2=26.878881739868 V3=0 T=0 M2=0 M3=45.7947759941305 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR150 CaseType=Combination P=-65.9108450667127 V2=40.9299525944815 V3=0 T=0 M2=0 M3=36.2527027568128 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR150 CaseType=Combination P=-65.5202200667127 V2=38.7833900944815 V3=0 T=0 M2=0 M3=33.7616168524702 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR151 CaseType=Combination P=-69.4531250006994 V2=32.9438429540322 V3=0 T=0 M2=0 M3=29.363349927268 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR151 CaseType=Combination P=-69.062500006994 V2=30.7972804540322 V3=0 T=0 M2=0 M3=27.3713958754535 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR152 CaseType=Combination P=-69.9950901560456 V2=16.8309356754294 V3=0 T=0 M2=0 M3=28.4233910245848 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR152 CaseType=Combination P=-69.6044651560456 V2=15.8540606754294 V3=0 T=0 M2=0 M3=27.4020825448705 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR153 CaseType=Combination P=-138.245090156046 V2=12.9125369612652 V3=0 T=0 M2=0 M3=46.6018712236265 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR153 CaseType=Combination P=-137.854465156046 V2=11.9356619612652 V3=0 T=0 M2=0 M3=45.8254626635474 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR154 CaseType=Combination P=-134.702810221797 V2=36.1376773290162 V3=0 T=0 M2=0 M3=54.1411812117304 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR154 CaseType=Combination P=-134.312185221797 V2=33.9911148290162 V3=0 T=0 M2=0 M3=51.9496125114794 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR155 CaseType=Combination P=-138.245090155784 V2=28.1515676885669 V3=0 T=0 M2=0 M3=47.2518283821856 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR155 CaseType=Combination P=-137.854465155784 V2=26.0050051885669 V3=0 T=0 M2=0 M3=45.5593915344627 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR156 CaseType=Combination P=-66.4528102217969 V2=40.0560760431804 V3=0 T=0 M2=0 M3=35.9627010126887 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR156 CaseType=Combination P=-66.0621852217969 V2=37.9095135431804 V3=0 T=0 M2=0 M3=33.5262323928205 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR157 CaseType=Combination P=-69.9950901557836 V2=32.0699664027311 V3=0 T=0 M2=0 M3=29.0733481831439 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR157 CaseType=Combination P=-69.6044651557836 V2=29.9234039027311 V3=0 T=0 M2=0 M3=27.1360114157857 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=RAR158 CaseType=Combination P=-68.9111598458771 V2=15.4535581117543 V3=0 T=0 M2=0 M3=26.4844916408387 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR158 CaseType=Combination P=-68.5205348458771 V2=14.4766831117543 V3=0 T=0 M2=0 M3=25.549269258854 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR159 CaseType=Combination P=-137.161159845877 V2=11.5351593975901 V3=0 T=0 M2=0 M3=44.6629718398804 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR159 CaseType=Combination P=-136.770534845877 V2=10.5582843975901 V3=0 T=0 M2=0 M3=43.972649377531 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR160 CaseType=Combination P=-133.618879911628 V2=34.7602997653411 V3=0 T=0 M2=0 M3=52.2022818279843 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR160 CaseType=Combination P=-133.228254911628 V2=32.6137372653411 V3=0 T=0 M2=0 M3=50.096799225463 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR161 CaseType=Combination P=-137.161159845615 V2=26.7741901248918 V3=0 T=0 M2=0 M3=45.3129289984395 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR161 CaseType=Combination P=-136.770534845615 V2=24.6276276248918 V3=0 T=0 M2=0 M3=43.7065782484463 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR162 CaseType=Combination P=-65.3688799116284 V2=38.6786984795053 V3=0 T=0 M2=0 M3=34.0238016289426 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR162 CaseType=Combination P=-64.9782549116284 V2=36.5321359795053 V3=0 T=0 M2=0 M3=31.673419106786 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=RAR163 CaseType=Combination P=-68.9111598456152 V2=30.692588839056 V3=0 T=0 M2=0 M3=27.1344487993978 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=RAR163 CaseType=Combination P=-68.5205348456152 V2=28.546026339056 V3=0 T=0 M2=0 M3=25.2831981297693 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-64.5826041470495 V2=43.3093601796305 V3=0 T=0 M2=0 M3=60.0072485088545 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Max P=-64.1919791470495 V2=41.1627976796305 V3=0 T=0 M2=0 M3=57.7191391620085 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-160.995090156045 V2=6.23806291824998 V3=0 T=0 M2=0 M3=22.2149512728083 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Min P=-160.604465156045 V2=5.26118791824998 V3=0 T=0 M2=0 M3=21.3447262916977 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE01 CaseType=Combination P=-69.4531250008731 V2=19.797760541528 V3=0 T=0 M2=0 M3=25.5058554859749 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE01 CaseType=Combination P=-69.0625000008731 V2=18.239010541528 V3=0 T=0 M2=0 M3=24.317626396294 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE02 CaseType=Combination P=-137.70312500096 V2=9.53102725531861 V3=0 T=0 M2=0 M3=43.461966890385 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE02 CaseType=Combination P=-137.31250000096 V2=8.55415225531861 V3=0 T=0 M2=0 M3=42.8969026869276 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE03 CaseType=Combination P=-134.160845066712 V2=32.7561676230696 V3=0 T=0 M2=0 M3=51.0012768784889 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE03 CaseType=Combination P=-133.770220066712 V2=30.6096051230696 V3=0 T=0 M2=0 M3=49.0210525348596 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE04 CaseType=Combination P=-137.703125000698 V2=24.7700579826203 V3=0 T=0 M2=0 M3=44.1119240489441 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE04 CaseType=Combination P=-137.312500000698 V2=22.6234954826203 V3=0 T=0 M2=0 M3=42.6308315578428 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE05 CaseType=Combination P=-65.9108450667118 V2=36.6745663372338 V3=0 T=0 M2=0 M3=32.8227966794472 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE05 CaseType=Combination P=-65.5202200667118 V2=34.5280038372338 V3=0 T=0 M2=0 M3=30.5976724161826 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE06 CaseType=Combination P=-69.4531250006985 V2=28.6884566967846 V3=0 T=0 M2=0 M3=25.9334438499024 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE06 CaseType=Combination P=-69.0625000006985 V2=26.5418941967846 V3=0 T=0 M2=0 M3=24.2074514391659 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE07 CaseType=Combination P=-69.4531250009604 V2=11.8868606363442 V3=0 T=0 M2=0 M3=24.0240352553461 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE07 CaseType=Combination P=-69.0625000009604 V2=10.9099856363442 V3=0 T=0 M2=0 M3=23.31171314655746 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE08 CaseType=Combination P=-137.70312500096 V2=8.22888947770306 V3=0 T=0 M2=0 M3=42.412424027054 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE08 CaseType=Combination P=-137.31250000096 V2=7.25201447770306 V3=0 T=0 M2=0 M3=41.9287434346976 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE09 CaseType=Combination P=-134.160845066712 V2=31.4540298454541 V3=0 T=0 M2=0 M3=49.9517340151579 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE09 CaseType=Combination P=-133.770220066712 V2=29.3074673454541 V3=0 T=0 M2=0 M3=48.0528932826296 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE10 CaseType=Combination P=-137.703125000698 V2=23.4679202050048 V3=0 T=0 M2=0 M3=43.0623811856131 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE10 CaseType=Combination P=-137.312500000698 V2=21.3213577050048 V3=0 T=0 M2=0 M3=41.6626723056128 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE11 CaseType=Combination P=-65.9108450667118 V2=35.3724285596183 V3=0 T=0 M2=0 M3=31.7732538161162 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE11 CaseType=Combination P=-65.5202200667118 V2=33.2258660596183 V3=0 T=0 M2=0 M3=29.6295131639526 FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE12 CaseType=Combination P=-69.4531250006985 V2=27.386318919169 V3=0 T=0 M2=0 M3=24.883909865714 FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE12 CaseType=Combination P=-69.0625000006985 V2=25.239756419169 V3=0 T=0 M2=0 M3=23.2392921869359 FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=FRE13 CaseType=Combination P=-69.9047626301973 V2=12.4607679545421 V3=0 T=0 M2=0 M3=24.8319099985737 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE13 CaseType=Combination P=-69.5141376301973 V2=11.4838929545421 V3=0 T=0 M2=0 M3=24.0837370014148 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE14 CaseType=Combination P=-69.0014873717236 V2=11.3129533181462 V3=0 T=0 M2=0 M3=23.2161605121186 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE14 CaseType=Combination P=-68.6108623717236 V2=10.3360783181462 V3=0 T=0 M2=0 M3=22.5397259297344 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE15 CaseType=Combination P=-69.4531250009609 V2=13.2332710983987 V3=0 T=0 M2=0 M3=25.1092625760304 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE15 CaseType=Combination P=-69.062500009609 V2=12.2563960983987 V3=0 T=0 M2=0 M3=24.3128081323804 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE16 CaseType=Combination P=-69.4531250009604 V2=15.0119913026215 V3=0 T=0 M2=0 M3=26.5429381273404 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE16 CaseType=Combination P=-69.062500009604 V2=14.0351163026215 V3=0 T=0 M2=0 M3=25.6353136709266 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE17 CaseType=Combination P=-137.70312500096 V2=10.8331650329341 V3=0 T=0 M2=0 M3=44.5115097537159 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE17 CaseType=Combination P=-137.31250000096 V2=9.85629003293415 V3=0 T=0 M2=0 M3=43.8650619391575 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE18 CaseType=Combination P=-134.160845066712 V2=34.0583054006852 V3=0 T=0 M2=0 M3=52.0508197418199 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE18 CaseType=Combination P=-133.770220066712 V2=31.9117429006852 V3=0 T=0 M2=0 M3=49.9892117870895 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE19 CaseType=Combination P=-137.703125000698 V2=26.0721957602359 V3=0 T=0 M2=0 M3=45.1614669122751 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE19 CaseType=Combination P=-137.31250000698 V2=23.9256332602359 V3=0 T=0 M2=0 M3=43.5989908100728 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE20 CaseType=Combination P=-65.9108450667118 V2=37.9767041148494 V3=0 T=0 M2=0 M3=33.8723395427782 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE20 CaseType=Combination P=-65.5202200667118 V2=35.8301416148494 V3=0 T=0 M2=0 M3=31.5658316684126 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE21 CaseType=Combination P=-69.4531250006985 V2=29.9905944744001 V3=0 T=0 M2=0 M3=26.9829867132334 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE21 CaseType=Combination P=-69.062500006985 V2=27.8440319744001 V3=0 T=0 M2=0 M3=25.1756106913959 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE22 CaseType=Combination P=-69.9047626301973 V2=15.5858986208194 V3=0 T=0 M2=0 M3=27.350812870568 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE22 CaseType=Combination P=-69.5141376301973 V2=14.6090236208194 V3=0 T=0 M2=0 M3=26.4073192067668 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE23 CaseType=Combination P=-69.0014873717236 V2=14.4380839844235 V3=0 T=0 M2=0 M3=25.7350633841129 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE23 CaseType=Combination P=-68.6108623717236 V2=13.4612089844235 V3=0 T=0 M2=0 M3=24.8633081350864 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE24 CaseType=Combination P=-69.4531250009609 V2=16.358401764676 V3=0 T=0 M2=0 M3=27.6281654480247 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE24 CaseType=Combination P=-69.062500009609 V2=15.381526764676 V3=0 T=0 M2=0 M3=26.6363903377324 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE25 CaseType=Combination P=-69.9950901560447 V2=14.1381147513204 V3=0 T=0 M2=0 M3=26.2529363832164 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE25 CaseType=Combination P=-69.6044651560447 V2=13.1612397513204 V3=0 T=0 M2=0 M3=25.3999292112588 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE26 CaseType=Combination P=-138.154762630197 V2=10.1049345735166 V3=0 T=0 M2=0 M3=44.2698416336125 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE26 CaseType=Combination P=-137.764137630197 V2=9.12805957351656 V3=0 T=0 M2=0 M3=43.6689082227677 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE27 CaseType=Combination P=-134.612482695949 V2=33.3300749412676 V3=0 T=0 M2=0 M3=51.809156127165 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE27 CaseType=Combination P=-134.221857695949 V2=31.1835124412676 V3=0 T=0 M2=0 M3=49.7930580706997 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE28 CaseType=Combination P=-138.154762629935 V2=25.3439653008183 V3=0 T=0 M2=0 M3=44.9197987921716 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE28 CaseType=Combination P=-137.764137629935 V2=23.1974028008183 V3=0 T=0 M2=0 M3=43.402837093683 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE29 CaseType=Combination P=-66.3624826959486 V2=37.2484736554318 V3=0 T=0 M2=0 M3=33.6306714226748 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE29 CaseType=Combination P=-65.9718576959486 V2=35.1019111554318 V3=0 T=0 M2=0 M3=31.3696779520228 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE30 CaseType=Combination P=-69.9047626299354 V2=29.2623640149825 V3=0 T=0 M2=0 M3=26.74131859313 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE30 CaseType=Combination P=-69.5141376299354 V2=27.1158015149825 V3=0 T=0 M2=0 M3=24.9794569750061 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE31 CaseType=Combination P=-69.9950901560447 V2=12.8359769737048 V3=0 T=0 M2=0 M3=25.2033935198854 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE31 CaseType=Combination P=-69.6044651560447 V2=11.8591019737048 V3=0 T=0 M2=0 M3=24.4317699590288 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE32 CaseType=Combination P=-69.9950901560447 V2=15.4402525289359 V3=0 T=0 M2=0 M3=27.3024792465473 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE32 CaseType=Combination P=-69.6044651560447 V2=14.4633775289359 V3=0 T=0 M2=0 M3=26.3680884634888 FrameElem=23-1  
ElemStation=0.0625

PROGETTO SDR

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Frame=23 Station=0 OutputCase=FRE33 CaseType=Combination P=-69.9950901560451 V2=15.4845252133749 V3=0 T=0 M2=0 M3=27.3381637039006 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE33 CaseType=Combination P=-69.6044651560451 V2=14.5076502133749 V3=0 T=0 M2=0 M3=26.4010058780647 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE34 CaseType=Combination P=-68.9111598458762 V2=12.7607371876453 V3=0 T=0 M2=0 M3=24.3140369994702 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE34 CaseType=Combination P=-68.5205348458762 V2=11.7838621876453 V3=0 T=0 M2=0 M3=23.5471159252424 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE35 CaseType=Combination P=-137.251487371724 V2=8.95711993712065 V3=0 T=0 M2=0 M3=42.6540921471574 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE35 CaseType=Combination P=-136.860862371724 V2=7.98024493712065 V3=0 T=0 M2=0 M3=42.1248971510874 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE36 CaseType=Combination P=-133.709207437475 V2=32.1822603048717 V3=0 T=0 M2=0 M3=50.1934021352613 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE36 CaseType=Combination P=-133.318582437475 V2=30.0356978048717 V3=0 T=0 M2=0 M3=48.2490469990194 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE37 CaseType=Combination P=-137.251487371462 V2=24.1961506644224 V3=0 T=0 M2=0 M3=43.3040493057165 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE37 CaseType=Combination P=-136.860862371462 V2=22.0495881644224 V3=0 T=0 M2=0 M3=41.8588260220026 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE38 CaseType=Combination P=-65.4592074374749 V2=36.1006590190359 V3=0 T=0 M2=0 M3=32.0149219362197 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE38 CaseType=Combination P=-65.0685824374749 V2=33.9540965190359 V3=0 T=0 M2=0 M3=29.8256668803424 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE39 CaseType=Combination P=-69.0014873714616 V2=28.1145493785866 V3=0 T=0 M2=0 M3=25.1255691066748 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE39 CaseType=Combination P=-68.6108623714616 V2=25.9679868785866 V3=0 T=0 M2=0 M3=23.4354459033257 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE40 CaseType=Combination P=-68.9111598458762 V2=11.4558994100297 V3=0 T=0 M2=0 M3=23.2644941361393 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE40 CaseType=Combination P=-68.5205348458762 V2=10.4817244100297 V3=0 T=0 M2=0 M3=22.5789566730124 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE41 CaseType=Combination P=-68.9111598458762 V2=14.0628749652608 V3=0 T=0 M2=0 M3=25.3635798628012 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE41 CaseType=Combination P=-68.5205348458762 V2=13.0859999652608 V3=0 T=0 M2=0 M3=24.5152751774724 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE42 CaseType=Combination P=-68.9111598458766 V2=14.1071474696998 V3=0 T=0 M2=0 M3=25.3992643201545 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE42 CaseType=Combination P=-68.5205348458766 V2=13.1302726496998 V3=0 T=0 M2=0 M3=24.5481925920482 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE43 CaseType=Combination P=-69.453125000961 V2=15.0651185239482 V3=0 T=0 M2=0 M3=26.5857594761644 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE43 CaseType=Combination P=-69.062500000961 V2=14.0882435239482 V3=0 T=0 M2=0 M3=25.6748145684176 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE44 CaseType=Combination P=-137.703125000961 V2=10.8774377173731 V3=0 T=0 M2=0 M3=44.5471942110692 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE44 CaseType=Combination P=-137.312500000961 V2=9.90056271737311 V3=0 T=0 M2=0 M3=43.8979793537334 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE45 CaseType=Combination P=-134.160845066712 V2=34.1025780851241 V3=0 T=0 M2=0 M3=52.0865041991731 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE45 CaseType=Combination P=-133.770220066712 V2=31.9560155851241 V3=0 T=0 M2=0 M3=50.0221292016654 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE46 CaseType=Combination P=-137.703125000699 V2=26.1164684446748 V3=0 T=0 M2=0 M3=45.1971513696283 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE46 CaseType=Combination P=-137.312500000699 V2=23.9699059446748 V3=0 T=0 M2=0 M3=43.6319082246487 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE47 CaseType=Combination P=-65.9108450667122 V2=38.0209767992883 V3=0 T=0 M2=0 M3=33.9080240001314 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE47 CaseType=Combination P=-65.5202200667122 V2=35.8744142992883 V3=0 T=0 M2=0 M3=31.5987490829884 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE48 CaseType=Combination P=-69.4531250006989 V2=30.0348671588391 V3=0 T=0 M2=0 M3=27.0186711705866 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE48 CaseType=Combination P=-69.0625000006989 V2=27.8883046588391 V3=0 T=0 M2=0 M3=25.2085281059717 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE49 CaseType=Combination P=-69.453125000961 V2=16.3672563015638 V3=0 T=0 M2=0 M3=27.6353023394953 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE49 CaseType=Combination P=-69.062500000961 V2=15.3903813015638 V3=0 T=0 M2=0 M3=26.6429738206476 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE50 CaseType=Combination P=-69.9047626301978 V2=15.6390258421462 V3=0 T=0 M2=0 M3=27.3936342193919 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE50 CaseType=Combination P=-69.5141376301978 V2=14.6621508421462 V3=0 T=0 M2=0 M3=26.4468201042578 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=FRE51 CaseType=Combination P=-69.0014873717241 V2=14.4912112057503 V3=0 T=0 M2=0 M3=25.7778847329368 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=FRE51 CaseType=Combination P=-68.6108623717241 V2=13.5143362057503 V3=0 T=0 M2=0 M3=24.9028090325774 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-65.4592074374749 V2=38.0209767992883 V3=0 T=0 M2=0 M3=52.0865041991731  
FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Max P=-65.0685824374749 V2=35.8744142992883 V3=0 T=0 M2=0  
M3=50.0221292016654 FrameElem=23-1 ElemStation=0.0625

PROVA SDR

Società di Progetto  
Brebem SpA





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3782004RCECOAIDA11000000100

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Frame=23 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-138.154762630197 V2=8.22888947770306 V3=0 T=0 M2=0 M3=23.2161605121186  
FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Min P=-137.764137630197 V2=7.25201447770306 V3=0 T=0 M2=0 M3=22.5397259297344  
FrameElem=23-1 ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE01 CaseType=Combination P=-70.6365776413877 V2=10.7131245039408 V3=0 T=0 M2=0 M3=22.8991618354627 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE01 CaseType=Combination P=-70.2459526413877 V2=9.73624950394078 V3=0 T=0 M2=0 M3=22.2602165539664 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE02 CaseType=Combination P=-70.6365776413877 V2=9.41098672632523 V3=0 T=0 M2=0 M3=21.8496189721318 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE02 CaseType=Combination P=-70.2459526413877 V2=8.43411172632523 V3=0 T=0 M2=0 M3=21.2920573017364 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE03 CaseType=Combination P=-70.6365776413877 V2=12.0152622815563 V3=0 T=0 M2=0 M3=23.9487046987937 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE03 CaseType=Combination P=-70.2459526413877 V2=11.0383872815563 V3=0 T=0 M2=0 M3=23.2283758061964 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE04 CaseType=Combination P=-71.0882152706246 V2=11.2870318221387 V3=0 T=0 M2=0 M3=23.7070365786903 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE04 CaseType=Combination P=-70.6975902706246 V2=10.3101568221387 V3=0 T=0 M2=0 M3=23.0322220898066 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE05 CaseType=Combination P=-70.1849400121508 V2=10.1392171857428 V3=0 T=0 M2=0 M3=22.0912870922352 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE05 CaseType=Combination P=-69.7943150121508 V2=9.16234218574282 V3=0 T=0 M2=0 M3=21.4882110181263 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE06 CaseType=Combination P=-70.6365776413882 V2=12.0595349659953 V3=0 T=0 M2=0 M3=23.984389156147 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE06 CaseType=Combination P=-70.2459526413882 V2=11.0826599659953 V3=0 T=0 M2=0 M3=23.2612932207723 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE07 CaseType=Combination P=-71.0882152706246 V2=9.98489404452319 V3=0 T=0 M2=0 M3=22.6574937153593 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE07 CaseType=Combination P=-70.6975902706246 V2=9.00801904452319 V3=0 T=0 M2=0 M3=22.0640628375766 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE08 CaseType=Combination P=-70.1849400121508 V2=8.83707940812728 V3=0 T=0 M2=0 M3=21.0417442289042 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE08 CaseType=Combination P=-69.7943150121508 V2=7.86020440812728 V3=0 T=0 M2=0 M3=20.5200517658963 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE09 CaseType=Combination P=-70.6365776413882 V2=10.7573971883797 V3=0 T=0 M2=0 M3=22.934846292816 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE09 CaseType=Combination P=-70.2459526413882 V2=9.78052218837974 V3=0 T=0 M2=0 M3=22.2931339685423 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE10 CaseType=Combination P=-68.2696723604458 V2=22.53406200707 V3=0 T=0 M2=0 M3=27.8901803418555 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE10 CaseType=Combination P=-67.8790473604458 V2=20.97531200707 V3=0 T=0 M2=0 M3=26.5306686539136 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE11 CaseType=Combination P=-68.2696723604458 V2=21.2319242294545 V3=0 T=0 M2=0 M3=26.8406374785245 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE11 CaseType=Combination P=-67.8790473604458 V2=19.6731742294545 V3=0 T=0 M2=0 M3=25.5625094016836 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE12 CaseType=Combination P=-68.2696723604458 V2=23.8361997846856 V3=0 T=0 M2=0 M3=28.9397232051864 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE12 CaseType=Combination P=-67.8790473604458 V2=22.2774497846856 V3=0 T=0 M2=0 M3=27.4988279061436 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE13 CaseType=Combination P=-68.7213099896827 V2=23.107969325268 V3=0 T=0 M2=0 M3=28.698055085083 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE13 CaseType=Combination P=-68.3306849896827 V2=21.549219325268 V3=0 T=0 M2=0 M3=27.3026741897538 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE14 CaseType=Combination P=-67.818034731209 V2=21.9601546888721 V3=0 T=0 M2=0 M3=27.0823055986279 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE14 CaseType=Combination P=-67.427409731209 V2=20.4014046888721 V3=0 T=0 M2=0 M3=25.7586631180734 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE15 CaseType=Combination P=-68.2696723604463 V2=23.8804724691245 V3=0 T=0 M2=0 M3=28.9754076625397 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE15 CaseType=Combination P=-67.8790473604463 V2=22.3217224691245 V3=0 T=0 M2=0 M3=27.5317453207194 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE16 CaseType=Combination P=-68.7213099896827 V2=21.8058315476524 V3=0 T=0 M2=0 M3=27.648512221752 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE16 CaseType=Combination P=-68.3306849896827 V2=20.2470815476524 V3=0 T=0 M2=0 M3=26.3345149375238 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE17 CaseType=Combination P=-67.818034731209 V2=20.6580169112565 V3=0 T=0 M2=0 M3=26.0327627352969 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE17 CaseType=Combination P=-67.427409731209 V2=19.0992669112565 V3=0 T=0 M2=0 M3=24.7905038658434 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=QPE18 CaseType=Combination P=-68.2696723604463 V2=22.578334691509 V3=0 T=0 M2=0 M3=27.9258647992087 FrameElem=23-1  
ElemStation=0  
Frame=23 Station=0.0625 OutputCase=QPE18 CaseType=Combination P=-67.8790473604463 V2=21.019584691509 V3=0 T=0 M2=0 M3=26.5635860684894 FrameElem=23-1  
ElemStation=0.0625  
Frame=23 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-67.818034731209 V2=23.8804724691245 V3=0 T=0 M2=0 M3=28.9754076625397  
FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Max P=-67.427409731209 V2=22.3217224691245 V3=0 T=0 M2=0 M3=27.5317453207194  
FrameElem=23-1 ElemStation=0.0625

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Frame=23 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-71.0882152706246 V2=8.83707940812728 V3=0 T=0 M2=0 M3=21.0417442289042  
FrameElem=23-1 ElemStation=0  
Frame=23 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Min P=-70.6975902706246 V2=7.86020440812728 V3=0 T=0 M2=0  
M3=20.5200517658963 FrameElem=23-1 ElemStation=0.0625  
Frame=30 Station=0 OutputCase=STR001 CaseType=Combination P=-16.0220388935557 V2=-18.3515625000384 V3=0 T=0 M2=0 M3=31.6626251638493 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR001 CaseType=Combination P=-16.0220388935557 V2=-3.83693077310454E-11 V3=0 T=0 M2=0 M3=35.1035431326137  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR002 CaseType=Combination P=-5.41812231830247 V2=-18.3515625000397 V3=0 T=0 M2=0 M3=32.8642053926771 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR002 CaseType=Combination P=-5.41812231830247 V2=-3.9744874058556E-11 V3=0 T=0 M2=0 M3=36.305123361442  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR003 CaseType=Combination P=-12.4712400038172 V2=-46.7015625000397 V3=0 T=0 M2=0 M3=82.7408049401031 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR003 CaseType=Combination P=-12.4712400038172 V2=-3.9744874058556E-11 V3=0 T=0 M2=0 M3=91.497347908868  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR004 CaseType=Combination P=-27.2228529994171 V2=-40.1625487174648 V3=0 T=0 M2=0 M3=83.6544728514226 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR004 CaseType=Combination P=-27.2228529994171 V2=-6.5390137825352 V3=0 T=0 M2=0 M3=89.9588856517219 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR005 CaseType=Combination P=-41.9744659977353 V2=-46.7015625000384 V3=0 T=0 M2=0 M3=79.6638804258007 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR005 CaseType=Combination P=-41.9744659977353 V2=-3.83693077310454E-11 V3=0 T=0 M2=0 M3=88.4204233945652  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR006 CaseType=Combination P=-21.1471870260812 V2=-7.05473621745462 V3=0 T=0 M2=0 M3=24.9876109810939 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR006 CaseType=Combination P=-21.1471870260812 V2=-6.53901378254539 V3=0 T=0 M2=0 M3=25.0843089376394 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR007 CaseType=Combination P=-35.8988000243994 V2=-13.5937500000282 V3=0 T=0 M2=0 M3=20.9970185554721 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR007 CaseType=Combination P=-35.8988000243994 V2=-2.81827894355047E-11 V3=0 T=0 M2=0 M3=23.5458466804827  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR008 CaseType=Combination P=-20.3127849005874 V2=-27.4339263091785 V3=0 T=0 M2=0 M3=73.5351619033667 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR008 CaseType=Combination P=-20.3127849005874 V2=-23.0971599005874 V3=0 T=0 M2=0 M3=76.3952475505586 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR009 CaseType=Combination P=-19.1471695598243 V2=-18.3515625000376 V3=0 T=0 M2=0 M3=28.9078700364999 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR009 CaseType=Combination P=-19.1471695598243 V2=-3.76189746020827E-11 V3=0 T=0 M2=0 M3=32.348788005264  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR010 CaseType=Combination P=-8.54325298457107 V2=-18.3515625000393 V3=0 T=0 M2=0 M3=30.1094502653277 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR010 CaseType=Combination P=-8.54325298457107 V2=-3.89945409295933E-11 V3=0 T=0 M2=0 M3=33.5503682340923  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR011 CaseType=Combination P=-14.3463184035784 V2=-46.7015625000393 V3=0 T=0 M2=0 M3=81.0879518636935 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR011 CaseType=Combination P=-14.3463184035784 V2=-3.92946741811784E-11 V3=0 T=0 M2=0 M3=89.8444948324582  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR012 CaseType=Combination P=-29.0979313991783 V2=-40.1625487174644 V3=0 T=0 M2=0 M3=82.0016197750129 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR012 CaseType=Combination P=-29.0979313991783 V2=-6.53901378253565 V3=0 T=0 M2=0 M3=88.3060325753121 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR013 CaseType=Combination P=-43.8495443974964 V2=-46.7015625000379 V3=0 T=0 M2=0 M3=78.0110273493911 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR013 CaseType=Combination P=-43.8495443974964 V2=-3.79191078536678E-11 V3=0 T=0 M2=0 M3=86.7675703181554  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR014 CaseType=Combination P=-23.0222654258424 V2=-7.05473621745417 V3=0 T=0 M2=0 M3=23.3347579046843 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR014 CaseType=Combination P=-23.0222654258424 V2=-6.53901378254584 V3=0 T=0 M2=0 M3=23.4314558612296 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR015 CaseType=Combination P=-37.7738784241605 V2=-13.5937500000277 V3=0 T=0 M2=0 M3=19.3441654790625 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR015 CaseType=Combination P=-37.7738784241605 V2=-2.77325895581271E-11 V3=0 T=0 M2=0 M3=21.8929936040729  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR016 CaseType=Combination P=-22.1878633003486 V2=-27.4339263091781 V3=0 T=0 M2=0 M3=71.8823088269571 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR016 CaseType=Combination P=-24.9722383003486 V2=-12.1801361908219 V3=0 T=0 M2=0 M3=74.7423944741488 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR017 CaseType=Combination P=-13.8330912487071 V2=-39.6140625000039 V3=0 T=0 M2=0 M3=67.5168999258972 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR017 CaseType=Combination P=-13.8330912487071 V2=-3.89945409295933E-11 V3=0 T=0 M2=0 M3=74.9445366446618  
FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR018 CaseType=Combination P=-26.2222905671704 V2=-34.1365209996131 V3=0 T=0 M2=0 M3=68.2669337670941 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR018 CaseType=Combination P=-26.2222905671704 V2=-5.47754150038693 V3=0 T=0 M2=0 M3=73.640492423199 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR019 CaseType=Combination P=-38.611489887959 V2=-39.6140625000376 V3=0 T=0 M2=0 M3=64.908814829635 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR019 CaseType=Combination P=-38.611489887959 V2=-3.76189746020827E-11 V3=0 T=0 M2=0 M3=72.3364482017276  
FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR020 CaseType=Combination P=-21.9099040152132 V2=-8.11620849960289 V3=0 T=0 M2=0 M3=22.069221783622 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR020 CaseType=Combination P=-21.9099040152132 V2=5.47754150039712 V3=0 T=0 M2=0 M3=22.5639718459731 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR021 CaseType=Combination P=-34.2991033360018 V2=-13.5937500000274 V3=0 T=0 M2=0 M3=18.7110994994914 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR021 CaseType=Combination P=-34.2991033360018 V2=-2.7432456306542E-11 V3=0 T=0 M2=0 M3=21.2599276245017 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR022 CaseType=Combination P=-18.3207430216194 V2=-19.0019206861387 V3=0 T=0 M2=0 M3=29.9520729220996 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR022 CaseType=Combination P=-18.3207430216194 V2=-0.650358186138712 V3=0 T=0 M2=0 M3=33.6368752106516 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR023 CaseType=Combination P=-7.71682644636615 V2=-19.0019206861401 V3=0 T=0 M2=0 M3=31.1536331509274 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR023 CaseType=Combination P=-7.71682644636615 V2=-0.650358186140088 V3=0 T=0 M2=0 M3=34.8384554394799 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR024 CaseType=Combination P=-13.0066647105022 V2=-40.2644206861401 V3=0 T=0 M2=0 M3=68.5611028114969 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR024 CaseType=Combination P=-13.0066647105022 V2=-0.650358186140088 V3=0 T=0 M2=0 M3=76.2326238500494 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR025 CaseType=Combination P=-25.3958640289654 V2=-34.7868791857142 V3=0 T=0 M2=0 M3=69.3111366526938 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR025 CaseType=Combination P=-25.3958640289654 V2=4.82718331428583 V3=0 T=0 M2=0 M3=74.9285796285866 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR026 CaseType=Combination P=-37.785063349754 V2=-40.2644206861387 V3=0 T=0 M2=0 M3=65.9530143685632 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR026 CaseType=Combination P=-37.785063349754 V2=-0.650358186138712 V3=0 T=0 M2=0 M3=73.6245354071152 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR027 CaseType=Combination P=-21.0834774770083 V2=-8.76656668570398 V3=0 T=0 M2=0 M3=23.1134246692217 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR027 CaseType=Combination P=-21.0834774770083 V2=4.82718331429602 V3=0 T=0 M2=0 M3=23.8520590513607 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR028 CaseType=Combination P=-33.4726767977969 V2=-14.2441081861285 V3=0 T=0 M2=0 M3=19.7553023850911 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR028 CaseType=Combination P=-33.4726767977969 V2=-0.650358186128526 V3=0 T=0 M2=0 M3=22.5480148298893 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR029 CaseType=Combination P=-19.9735960980292 V2=-17.7012043139365 V3=0 T=0 M2=0 M3=27.8636671509002 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR029 CaseType=Combination P=-19.9735960980292 V2=0.650358186063474 V3=0 T=0 M2=0 M3=31.0607007998764 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR030 CaseType=Combination P=-9.36967952277599 V2=-17.7012043139379 V3=0 T=0 M2=0 M3=29.0652473797281 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR030 CaseType=Combination P=-9.36967952277599 V2=0.650358186062099 V3=0 T=0 M2=0 M3=32.2622810287048 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR031 CaseType=Combination P=-14.6595177869121 V2=-38.9637043139379 V3=0 T=0 M2=0 M3=66.4726970402975 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR031 CaseType=Combination P=-14.6595177869121 V2=0.650358186062099 V3=0 T=0 M2=0 M3=73.6564494392743 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR032 CaseType=Combination P=-27.0487171053753 V2=-33.486162813512 V3=0 T=0 M2=0 M3=67.2227308814945 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR032 CaseType=Combination P=-27.0487171053753 V2=6.12789968648802 V3=0 T=0 M2=0 M3=72.3524052178115 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR033 CaseType=Combination P=-39.4379164261639 V2=-38.9637043139365 V3=0 T=0 M2=0 M3=63.8646085973638 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR033 CaseType=Combination P=-39.4379164261639 V2=0.650358186063474 V3=0 T=0 M2=0 M3=71.0483609963401 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR034 CaseType=Combination P=-22.7363305534181 V2=-7.46585031350179 V3=0 T=0 M2=0 M3=21.0250188980223 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR034 CaseType=Combination P=-22.7363305534181 V2=6.12789968649821 V3=0 T=0 M2=0 M3=21.2758846405855 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR035 CaseType=Combination P=-35.1255298742067 V2=-12.9433918139263 V3=0 T=0 M2=0 M3=17.6668966138917 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR035 CaseType=Combination P=-35.1255298742067 V2=0.650358186073661 V3=0 T=0 M2=0 M3=19.9718404191141 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR036 CaseType=Combination P=-17.2083384944713 V2=-18.3515625000381 V3=0 T=0 M2=0 M3=30.6169201175074 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR036 CaseType=Combination P=-17.2083384944713 V2=-3.81101017410401E-11 V3=0 T=0 M2=0 M3=34.0578380862718 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR037 CaseType=Combination P=-6.60442191921808 V2=-18.3515625000395 V3=0 T=0 M2=0 M3=31.8185003463353 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR037 CaseType=Combination P=-6.60442191921808 V2=-3.94856680685507E-11 V3=0 T=0 M2=0 M3=35.2594183151001 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR038 CaseType=Combination P=-11.8942601833541 V2=-39.6140625000395 V3=0 T=0 M2=0 M3=69.2259500069048 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR038 CaseType=Combination P=-11.8942601833541 V2=-3.94856680685507E-11 V3=0 T=0 M2=0 M3=76.6535867256696 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR039 CaseType=Combination P=-24.2834595018174 V2=-34.1365209996136 V3=0 T=0 M2=0 M3=69.975983481017 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR039 CaseType=Combination P=-24.2834595018174 V2=5.47754150038644 V3=0 T=0 M2=0 M3=75.3495425042068 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR040 CaseType=Combination P=-36.672658822606 V2=-39.6140625000381 V3=0 T=0 M2=0 M3=66.6178615639711 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR040 CaseType=Combination P=-36.672658822606 V2=-3.81101017410401E-11 V3=0 T=0 M2=0 M3=74.0454982827354 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR041 CaseType=Combination P=-19.9710729498602 V2=-8.11620849960338 V3=0 T=0 M2=0 M3=23.7782718646296 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR041 CaseType=Combination P=-19.9710729498602 V2=5.47754150039662 V3=0 T=0 M2=0 M3=24.2730219269808 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR042 CaseType=Combination P=-32.3602722706488 V2=-13.593750000279 V3=0 T=0 M2=0 M3=20.4201495804989 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR042 CaseType=Combination P=-32.3602722706488 V2=-2.79235834454994E-11 V3=0 T=0 M2=0 M3=22.9689777055094 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR043 CaseType=Combination P=-12.8969082272871 V2=-18.3515625000391 V3=0 T=0 M2=0 M3=34.4173802911986 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR043 CaseType=Combination P=-12.8969082272871 V2=-3.91196408600081E-11 V3=0 T=0 M2=0 M3=37.8582982599633 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR044 CaseType=Combination P=-2.29299165203386 V2=-18.3515625000405 V3=0 T=0 M2=0 M3=35.6189605200265 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR044 CaseType=Combination P=-2.29299165203386 V2=-4.04952071875186E-11 V3=0 T=0 M2=0 M3=39.0598784887917 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR045 CaseType=Combination P=-10.5961616040561 V2=-46.7015625000402 V3=0 T=0 M2=0 M3=84.3936580165127 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.5961616040561 V2=-4.01950739359336E-11 V3=0 T=0 M2=0 M3=93.1502009852778 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR046 CaseType=Combination P=-25.3477745996559 V2=-40.1625487174652 V3=0 T=0 M2=0 M3=85.3073259278322 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.3477745996559 V2=6.53901378253475 V3=0 T=0 M2=0 M3=91.6117387281317 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR047 CaseType=Combination P=-40.0993875979741 V2=-46.7015625000388 V3=0 T=0 M2=0 M3=81.3167335022104 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.0993875979741 V2=-3.8819507608423E-11 V3=0 T=0 M2=0 M3=90.073276470975 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR048 CaseType=Combination P=-19.27210862632 V2=-7.05473621745507 V3=0 T=0 M2=0 M3=26.6404640575036 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR048 CaseType=Combination P=-19.27210862632 V2=6.53901378254494 V3=0 T=0 M2=0 M3=26.7371620140492 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR049 CaseType=Combination P=-34.0237216246382 V2=-13.593750000286 V3=0 T=0 M2=0 M3=22.6498716318818 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR049 CaseType=Combination P=-34.0237216246382 V2=-2.86329893128823E-11 V3=0 T=0 M2=0 M3=25.1986997568925 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR050 CaseType=Combination P=-18.4377065008263 V2=-27.433926309179 V3=0 T=0 M2=0 M3=75.1880149797763 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR050 CaseType=Combination P=-21.2220815008263 V2=12.180136190821 V3=0 T=0 M2=0 M3=78.0481006269684 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR051 CaseType=Combination P=-7.58282991616993 V2=-39.6140625000405 V3=0 T=0 M2=0 M3=73.026410180596 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR051 CaseType=Combination P=-7.58282991616993 V2=-4.04952071875186E-11 V3=0 T=0 M2=0 M3=80.4540468993611 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR052 CaseType=Combination P=-19.9720292346331 V2=-34.1365209996146 V3=0 T=0 M2=0 M3=73.7764440217929 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR052 CaseType=Combination P=-19.9720292346331 V2=5.47754150038543 V3=0 T=0 M2=0 M3=79.1500026778984 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR053 CaseType=Combination P=-32.361228554218 V2=-39.6140625000391 V3=0 T=0 M2=0 M3=70.4183217376623 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR053 CaseType=Combination P=-32.361228554218 V2=-3.91196408600081E-11 V3=0 T=0 M2=0 M3=77.8459584564269 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR054 CaseType=Combination P=-15.659642682676 V2=-8.11620849960439 V3=0 T=0 M2=0 M3=27.5787320383208 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR054 CaseType=Combination P=-15.659642682676 V2=5.47754150039561 V3=0 T=0 M2=0 M3=28.0734821006724 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR055 CaseType=Combination P=-28.0488420034646 V2=-13.593750000289 V3=0 T=0 M2=0 M3=24.2206097541902 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR055 CaseType=Combination P=-28.0488420034646 V2=-2.89331225644673E-11 V3=0 T=0 M2=0 M3=26.769437879201 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR056 CaseType=Combination P=-12.0704816890822 V2=-19.0019206861402 V3=0 T=0 M2=0 M3=35.4615831767983 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR056 CaseType=Combination P=-12.0704816890822 V2=-0.650358186140213 V3=0 T=0 M2=0 M3=39.1463854653509 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR057 CaseType=Combination P=-1.46656511382894 V2=-19.0019206861416 V3=0 T=0 M2=0 M3=36.6631634056261 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR057 CaseType=Combination P=-1.46656511382894 V2=-0.650358186141589 V3=0 T=0 M2=0 M3=40.3479656941792 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR058 CaseType=Combination P=-6.75640337796501 V2=-40.2644206861416 V3=0 T=0 M2=0 M3=74.0706130661956 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR058 CaseType=Combination P=-6.75640337796501 V2=-0.650358186141589 V3=0 T=0 M2=0 M3=81.7421341047487 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR059 CaseType=Combination P=-19.1456026964282 V2=-34.786879187157 V3=0 T=0 M2=0 M3=74.8206469073926 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR059 CaseType=Combination P=-19.1456026964282 V2=4.82718331428433 V3=0 T=0 M2=0 M3=80.4380898832859 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR060 CaseType=Combination P=-31.5348020172168 V2=-40.2644206861402 V3=0 T=0 M2=0 M3=71.4625246232619 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR060 CaseType=Combination P=-31.5348020172168 V2=-0.650358186140213 V3=0 T=0 M2=0 M3=79.1340456618145 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR061 CaseType=Combination P=-14.833216144471 V2=-8.7665666870548 V3=0 T=0 M2=0 M3=28.6229349239204 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR061 CaseType=Combination P=-14.833216144471 V2=4.82718331429452 V3=0 T=0 M2=0 M3=29.36156930606 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR062 CaseType=Combination P=-27.2224154652596 V2=-14.24410818613 V3=0 T=0 M2=0 M3=25.2648126397898 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR062 CaseType=Combination P=-27.2224154652596 V2=-0.650358186130026 V3=0 T=0 M2=0 M3=28.0575250845886 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR063 CaseType=Combination P=-13.723334765492 V2=-17.701204313938 V3=0 T=0 M2=0 M3=33.373177405599 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR063 CaseType=Combination P=-13.723334765492 V2=0.650358186061974 V3=0 T=0 M2=0 M3=36.5702110545758 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR064 CaseType=Combination P=-3.11941819023878 V2=-17.7012043139394 V3=0 T=0 M2=0 M3=34.5747576344268 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR064 CaseType=Combination P=-3.11941819023878 V2=0.650358186060598 V3=0 T=0 M2=0 M3=37.7717912834041 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR065 CaseType=Combination P=-8.40925645437485 V2=-38.9637043139394 V3=0 T=0 M2=0 M3=71.9822072949963 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR065 CaseType=Combination P=-8.40925645437485 V2=0.650358186060598 V3=0 T=0 M2=0 M3=79.1659596939736 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR066 CaseType=Combination P=-20.7984557728381 V2=-33.4861628135135 V3=0 T=0 M2=0 M3=72.7322411361932 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR066 CaseType=Combination P=-20.7984557728381 V2=6.12789968648652 V3=0 T=0 M2=0 M3=77.8619154725108 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR067 CaseType=Combination P=-33.1876550936267 V2=-38.963704313938 V3=0 T=0 M2=0 M3=69.3741188520626 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR067 CaseType=Combination P=-33.1876550936267 V2=0.650358186061974 V3=0 T=0 M2=0 M3=76.5578712510394 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR068 CaseType=Combination P=-16.4860692208809 V2=-7.46585031350329 V3=0 T=0 M2=0 M3=26.5345291527211 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR068 CaseType=Combination P=-16.4860692208809 V2=6.12789968649671 V3=0 T=0 M2=0 M3=26.7853948952848 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR069 CaseType=Combination P=-28.8752685416695 V2=-12.9433918139278 V3=0 T=0 M2=0 M3=23.1764068685905 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR069 CaseType=Combination P=-28.8752685416695 V2=0.65035818607216 V3=0 T=0 M2=0 M3=25.4813506738134 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR070 CaseType=Combination P=-10.9580771619341 V2=-18.3515625000396 V3=0 T=0 M2=0 M3=36.1264303722062 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR070 CaseType=Combination P=-10.9580771619341 V2=-3.96107679989655E-11 V3=0 T=0 M2=0 M3=39.5673483409711 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR071 CaseType=Combination P=-0.354160586680863 V2=-18.351562500041 V3=0 T=0 M2=0 M3=37.328010601034 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR071 CaseType=Combination P=-0.354160586680863 V2=-4.0986334326476E-11 V3=0 T=0 M2=0 M3=40.7689285697994 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR072 CaseType=Combination P=-5.64399885081693 V2=-39.614062500041 V3=0 T=0 M2=0 M3=74.7354602616035 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR072 CaseType=Combination P=-5.64399885081693 V2=-4.0986334326476E-11 V3=0 T=0 M2=0 M3=82.1630969803689 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR073 CaseType=Combination P=-18.0331981692801 V2=-34.1365209996151 V3=0 T=0 M2=0 M3=75.4854941028005 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR073 CaseType=Combination P=-18.0331981692801 V2=5.47754150038494 V3=0 T=0 M2=0 M3=80.8590527589061 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR074 CaseType=Combination P=-30.4223974900688 V2=-39.6140625000396 V3=0 T=0 M2=0 M3=72.1273718186698 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR074 CaseType=Combination P=-30.4223974900688 V2=-3.96107679989655E-11 V3=0 T=0 M2=0 M3=79.5550085374347 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR075 CaseType=Combination P=-13.720811617323 V2=-8.11620849960488 V3=0 T=0 M2=0 M3=29.2877821193283 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR075 CaseType=Combination P=-13.720811617323 V2=5.47754150039512 V3=0 T=0 M2=0 M3=29.7825321816802 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR076 CaseType=Combination P=-26.1100109381116 V2=-13.593750000294 V3=0 T=0 M2=0 M3=25.9296598351977 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR076 CaseType=Combination P=-26.1100109381116 V2=-2.94242497034247E-11 V3=0 T=0 M2=0 M3=28.4784879602087 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR077 CaseType=Combination P=-14.6446613298808 V2=-19.4354928102069 V3=0 T=0 M2=0 M3=33.4029633065154 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR077 CaseType=Combination P=-14.6446613298808 V2=-1.08393031020686 V3=0 T=0 M2=0 M3=37.250355141593 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR078 CaseType=Combination P=-4.0407447546276 V2=-19.4354928102082 V3=0 T=0 M2=0 M3=34.6045435353432 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR078 CaseType=Combination P=-4.0407447546276 V2=-1.08393031020823 V3=0 T=0 M2=0 M3=38.4519353704213 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR079 CaseType=Combination P=-11.6448134656123 V2=-47.3519206861408 V3=0 T=0 M2=0 M3=83.7850078257027 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR079 CaseType=Combination P=-11.6448134656123 V2=-0.650358186140838 V3=0 T=0 M2=0 M3=92.7854351142556 FrameElem=30-1 ElemStation=0.375

PROGETTO SDR

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Frame=30 Station=0 OutputCase=STR080 CaseType=Combination P=-26.3964264612122 V2=-40.8129069035659 V3=0 T=0 M2=0 M3=84.6986757370222 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR080 CaseType=Combination P=-26.3964264612122 V2=5.88865559643411 V3=0 T=0 M2=0 M3=91.2469728571094 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR081 CaseType=Combination P=-41.1480394595303 V2=-47.3519206861395 V3=0 T=0 M2=0 M3=80.7080833114004 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR081 CaseType=Combination P=-41.1480394595303 V2=-0.650358186139463 V3=0 T=0 M2=0 M3=89.7085105999527 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR082 CaseType=Combination P=-20.3207604878763 V2=-7.7059440355571 V3=0 T=0 M2=0 M3=26.0318138666936 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR082 CaseType=Combination P=-20.3207604878763 V2=5.88865559644429 V3=0 T=0 M2=0 M3=26.372396143027 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR083 CaseType=Combination P=-35.0723734861945 V2=-14.2441081861293 V3=0 T=0 M2=0 M3=22.0412214410718 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR083 CaseType=Combination P=-35.0723734861945 V2=-0.650358186129276 V3=0 T=0 M2=0 M3=24.8339338858703 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR084 CaseType=Combination P=-19.4863583623825 V2=-28.0842844952796 V3=0 T=0 M2=0 M3=74.5793647889663 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR084 CaseType=Combination P=-22.2707333623825 V2=11.5297780047204 V3=0 T=0 M2=0 M3=77.6833347559462 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR085 CaseType=Combination P=-9.33058301876367 V2=-40.6979928102082 V3=0 T=0 M2=0 M3=72.0119931959127 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR085 CaseType=Combination P=-9.33058301876367 V2=-1.08393031020823 V3=0 T=0 M2=0 M3=79.8461037809908 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR086 CaseType=Combination P=-21.7197823372269 V2=-35.2204513097823 V3=0 T=0 M2=0 M3=72.7620270371096 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR086 CaseType=Combination P=-21.7197823372269 V2=4.39361119021769 V3=0 T=0 M2=0 M3=78.542059559528 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR087 CaseType=Combination P=-34.1089816580155 V2=-40.6979928102069 V3=0 T=0 M2=0 M3=69.403904752979 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR087 CaseType=Combination P=-34.1089816580155 V2=-1.08393031020686 V3=0 T=0 M2=0 M3=77.2380153380566 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR088 CaseType=Combination P=-17.4073957852697 V2=-9.20013880977213 V3=0 T=0 M2=0 M3=26.5643150536375 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR088 CaseType=Combination P=-17.4073957852697 V2=4.39361119022788 V3=0 T=0 M2=0 M3=27.4655389823021 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR089 CaseType=Combination P=-29.7965951060583 V2=-14.6776803101967 V3=0 T=0 M2=0 M3=23.2061927695069 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR089 CaseType=Combination P=-29.7965951060583 V2=-1.08393031019667 V3=0 T=0 M2=0 M3=26.1614947608306 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR090 CaseType=Combination P=-16.519739729642 V2=-19.4354928102064 V3=0 T=0 M2=0 M3=31.7501102301058 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR090 CaseType=Combination P=-16.519739729642 V2=-1.08393031020641 V3=0 T=0 M2=0 M3=35.5975020651832 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR091 CaseType=Combination P=-5.91582315438876 V2=-19.4354928102078 V3=0 T=0 M2=0 M3=32.9516904589336 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR091 CaseType=Combination P=-5.91582315438876 V2=-1.08393031020778 V3=0 T=0 M2=0 M3=36.7990822940115 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR092 CaseType=Combination P=-11.2056614185248 V2=-40.6979928102078 V3=0 T=0 M2=0 M3=70.3591401195031 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR092 CaseType=Combination P=-11.2056614185248 V2=-1.08393031020778 V3=0 T=0 M2=0 M3=78.193250704581 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR093 CaseType=Combination P=-23.5948607369881 V2=-35.2204513097819 V3=0 T=0 M2=0 M3=71.1091739607 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR093 CaseType=Combination P=-23.5948607369881 V2=4.39361119021814 V3=0 T=0 M2=0 M3=76.8892064831182 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR094 CaseType=Combination P=-35.9840600577767 V2=-40.6979928102064 V3=0 T=0 M2=0 M3=67.7510516765694 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.9840600577767 V2=-1.08393031020641 V3=0 T=0 M2=0 M3=75.5851622616468 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR095 CaseType=Combination P=-19.2824741850309 V2=-9.20013880977168 V3=0 T=0 M2=0 M3=24.9114619772279 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR095 CaseType=Combination P=-19.2824741850309 V2=4.39361119022833 V3=0 T=0 M2=0 M3=25.8126859058923 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR096 CaseType=Combination P=-31.6716735058195 V2=-14.6776803101962 V3=0 T=0 M2=0 M3=21.553339630973 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR096 CaseType=Combination P=-31.6716735058195 V2=-1.08393031019622 V3=0 T=0 M2=0 M3=24.5086416844208 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR097 CaseType=Combination P=-12.7695829301197 V2=-19.4354928102073 V3=0 T=0 M2=0 M3=35.055816382925 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR097 CaseType=Combination P=-12.7695829301197 V2=-1.08393031020731 V3=0 T=0 M2=0 M3=38.9032082180028 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR098 CaseType=Combination P=-2.16566635486644 V2=-19.4354928102087 V3=0 T=0 M2=0 M3=36.2573966117528 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR098 CaseType=Combination P=-2.16566635486644 V2=-1.08393031020868 V3=0 T=0 M2=0 M3=40.1047884468311 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR099 CaseType=Combination P=-7.45550461900251 V2=-40.6979928102087 V3=0 T=0 M2=0 M3=73.6648462723223 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR099 CaseType=Combination P=-7.45550461900251 V2=-1.08393031020868 V3=0 T=0 M2=0 M3=81.4989568574006 FrameElem=30-1 ElemStation=0.375

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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=30 Station=0 OutputCase=STR100 CaseType=Combination P=-19.8447039374657 V2=-35.2204513097828 V3=0 T=0 M2=0 M3=74.4148801135192 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR100 CaseType=Combination P=-19.8447039374657 V2=4.39361119021724 V3=0 T=0 M2=0 M3=80.1949126359378 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR101 CaseType=Combination P=-32.2339032582543 V2=-40.6979928102073 V3=0 T=0 M2=0 M3=71.0567578293886 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR101 CaseType=Combination P=-32.2339032582543 V2=-1.08393031020731 V3=0 T=0 M2=0 M3=78.8908684144664 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR102 CaseType=Combination P=-15.5323173855085 V2=-9.20013880977258 V3=0 T=0 M2=0 M3=28.2171681300471 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR102 CaseType=Combination P=-15.5323173855085 V2=4.39361119022743 V3=0 T=0 M2=0 M3=29.1183920587119 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR103 CaseType=Combination P=-27.9215167062971 V2=-14.6776803101971 V3=0 T=0 M2=0 M3=24.8590458459165 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR103 CaseType=Combination P=-27.9215167062971 V2=-1.08393031019712 V3=0 T=0 M2=0 M3=27.8143478372404 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR104 CaseType=Combination P=-12.7058302645278 V2=-19.4354928102074 V3=0 T=0 M2=0 M3=35.1120133875229 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR104 CaseType=Combination P=-12.7058302645278 V2=-1.08393031020735 V3=0 T=0 M2=0 M3=38.9594052226007 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR105 CaseType=Combination P=-2.1019136892746 V2=-19.4354928102087 V3=0 T=0 M2=0 M3=36.3135936163508 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR105 CaseType=Combination P=-2.1019136892746 V2=-1.08393031020872 V3=0 T=0 M2=0 M3=40.160985451429 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR106 CaseType=Combination P=-7.39175195341067 V2=-40.6979928102087 V3=0 T=0 M2=0 M3=73.7210432769203 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR106 CaseType=Combination P=-7.39175195341067 V2=-1.08393031020872 V3=0 T=0 M2=0 M3=81.5551538619985 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR107 CaseType=Combination P=-19.7809512718739 V2=-35.2204513097828 V3=0 T=0 M2=0 M3=74.4710771181172 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR107 CaseType=Combination P=-19.7809512718739 V2=4.3936111902172 V3=0 T=0 M2=0 M3=80.2511096405357 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR108 CaseType=Combination P=-32.1701505926625 V2=-40.6979928102074 V3=0 T=0 M2=0 M3=71.1129548339866 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR108 CaseType=Combination P=-32.1701505926625 V2=-1.08393031020735 V3=0 T=0 M2=0 M3=78.9470654190643 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR109 CaseType=Combination P=-15.4685647199167 V2=-9.20013880977262 V3=0 T=0 M2=0 M3=28.2733651346451 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR109 CaseType=Combination P=-15.4685647199167 V2=4.39361119022738 V3=0 T=0 M2=0 M3=29.1745890633098 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR110 CaseType=Combination P=-27.8577640407053 V2=-14.6776803101972 V3=0 T=0 M2=0 M3=24.9152428505144 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR110 CaseType=Combination P=-27.8577640407053 V2=-1.08393031019716 V3=0 T=0 M2=0 M3=27.8705448418384 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR111 CaseType=Combination P=-17.3994164572306 V2=-17.2676321898699 V3=0 T=0 M2=0 M3=29.9222870211832 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR111 CaseType=Combination P=-17.3994164572306 V2=-1.08393031013012 V3=0 T=0 M2=0 M3=32.9567311236344 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR112 CaseType=Combination P=-6.79549988197733 V2=-17.2676321898713 V3=0 T=0 M2=0 M3=31.123867250011 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR112 CaseType=Combination P=-6.79549988197733 V2=1.08393031012874 V3=0 T=0 M2=0 M3=34.1583113524627 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR113 CaseType=Combination P=-13.2976665420221 V2=-46.0512043139387 V3=0 T=0 M2=0 M3=81.6966020545034 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR113 CaseType=Combination P=-13.2976665420221 V2=0.650358186061349 V3=0 T=0 M2=0 M3=90.2092607034804 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR114 CaseType=Combination P=-28.049279537622 V2=-39.5121905313637 V3=0 T=0 M2=0 M3=82.6102699658229 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR114 CaseType=Combination P=-28.049279537622 V2=7.18937196863629 V3=0 T=0 M2=0 M3=88.6707984463343 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR115 CaseType=Combination P=-42.8008925359402 V2=-46.0512043139373 V3=0 T=0 M2=0 M3=78.6196775402011 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR115 CaseType=Combination P=-42.8008925359402 V2=0.650358186062724 V3=0 T=0 M2=0 M3=87.1323361891776 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR116 CaseType=Combination P=-21.9736135642861 V2=-6.40437803135352 V3=0 T=0 M2=0 M3=23.9434080954943 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR116 CaseType=Combination P=-21.9736135642861 V2=7.18937196864648 V3=0 T=0 M2=0 M3=23.7962217322518 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR117 CaseType=Combination P=-36.7252265626043 V2=-12.9433918139271 V3=0 T=0 M2=0 M3=19.9528156698725 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR117 CaseType=Combination P=-36.7252265626043 V2=0.650358186072911 V3=0 T=0 M2=0 M3=22.2577594750951 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR118 CaseType=Combination P=-21.1392114387924 V2=-26.7835681230774 V3=0 T=0 M2=0 M3=72.490959017767 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR118 CaseType=Combination P=-23.9235864387923 V2=12.8304943769226 V3=0 T=0 M2=0 M3=75.1071603451711 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR119 CaseType=Combination P=-12.0853381461134 V2=-38.5301321898713 V3=0 T=0 M2=0 M3=68.5313169105805 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR119 CaseType=Combination P=-12.0853381461134 V2=1.08393031012874 V3=0 T=0 M2=0 M3=75.5524797630322 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR120 CaseType=Combination P=-24.4745374645766 V2=-33.0525906894453 V3=0 T=0 M2=0 M3=69.2813507517774 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR120 CaseType=Combination P=-24.4745374645766 V2=-6.56147181055467 V3=0 T=0 M2=0 M3=74.2484355415694 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR121 CaseType=Combination P=-36.8637367853652 V2=-38.5301321898699 V3=0 T=0 M2=0 M3=65.9232284674648 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR121 CaseType=Combination P=-36.8637367853652 V2=1.08393031013012 V3=0 T=0 M2=0 M3=72.944391320098 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR122 CaseType=Combination P=-20.1621509126194 V2=-7.03227818943515 V3=0 T=0 M2=0 M3=23.0836387683053 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR122 CaseType=Combination P=-20.1621509126194 V2=6.56147181056485 V3=0 T=0 M2=0 M3=23.1719149643435 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR123 CaseType=Combination P=-32.551350233408 V2=-12.5098196898597 V3=0 T=0 M2=0 M3=19.7255164841747 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR123 CaseType=Combination P=-32.551350233408 V2=1.08393031014031 V3=0 T=0 M2=0 M3=21.8678707428721 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR124 CaseType=Combination P=-19.2744948569917 V2=-17.2676321898694 V3=0 T=0 M2=0 M3=28.2694339447735 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR124 CaseType=Combination P=-19.2744948569917 V2=1.08393031013057 V3=0 T=0 M2=0 M3=31.3038780472246 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR125 CaseType=Combination P=-8.6705782817385 V2=-17.2676321898708 V3=0 T=0 M2=0 M3=29.4710141736014 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR125 CaseType=Combination P=-8.6705782817385 V2=1.08393031012919 V3=0 T=0 M2=0 M3=32.5054582760529 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR126 CaseType=Combination P=-13.9604165458746 V2=-38.5301321898708 V3=0 T=0 M2=0 M3=66.8784638341709 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR126 CaseType=Combination P=-13.9604165458746 V2=1.08393031012919 V3=0 T=0 M2=0 M3=73.899626686224 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR127 CaseType=Combination P=-26.3496158643378 V2=-33.0525906894449 V3=0 T=0 M2=0 M3=67.6284976753678 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR127 CaseType=Combination P=-26.3496158643378 V2=6.56147181055512 V3=0 T=0 M2=0 M3=72.5955824651596 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR128 CaseType=Combination P=-38.7388151851264 V2=-38.5301321898694 V3=0 T=0 M2=0 M3=64.2703753912372 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR128 CaseType=Combination P=-38.7388151851264 V2=1.08393031013057 V3=0 T=0 M2=0 M3=71.2915382436882 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR129 CaseType=Combination P=-22.0372293123806 V2=-7.0322781894347 V3=0 T=0 M2=0 M3=21.4307856918957 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR129 CaseType=Combination P=-22.0372293123806 V2=6.5614718105653 V3=0 T=0 M2=0 M3=21.5190618879337 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR130 CaseType=Combination P=-34.4264286331692 V2=-12.5098196898592 V3=0 T=0 M2=0 M3=18.072663407765 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR130 CaseType=Combination P=-34.4264286331692 V2=1.08393031014076 V3=0 T=0 M2=0 M3=20.2150176664623 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR131 CaseType=Combination P=-15.5243380574694 V2=-17.2676321898703 V3=0 T=0 M2=0 M3=31.5751400975928 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR131 CaseType=Combination P=-15.5243380574694 V2=1.08393031012967 V3=0 T=0 M2=0 M3=34.6095842000442 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR132 CaseType=Combination P=-4.92042148221617 V2=-17.2676321898717 V3=0 T=0 M2=0 M3=32.7767203264206 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR132 CaseType=Combination P=-4.92042148221617 V2=1.08393031012829 V3=0 T=0 M2=0 M3=35.8111644288725 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR133 CaseType=Combination P=-10.2102597463522 V2=-38.5301321898717 V3=0 T=0 M2=0 M3=70.1841699869901 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.2102597463522 V2=1.08393031012829 V3=0 T=0 M2=0 M3=77.205332839442 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR134 CaseType=Combination P=-22.5994590648155 V2=-33.0525906894458 V3=0 T=0 M2=0 M3=70.934203828187 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR134 CaseType=Combination P=-22.5994590648155 V2=6.56147181055422 V3=0 T=0 M2=0 M3=75.9012886179792 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR135 CaseType=Combination P=-34.9886583856041 V2=-38.5301321898703 V3=0 T=0 M2=0 M3=67.5760815440564 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR135 CaseType=Combination P=-34.9886583856041 V2=1.08393031012967 V3=0 T=0 M2=0 M3=74.5972443965078 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR136 CaseType=Combination P=-18.2870725128583 V2=-7.0322781894356 V3=0 T=0 M2=0 M3=24.7364918447149 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR136 CaseType=Combination P=-18.2870725128583 V2=6.5614718105644 V3=0 T=0 M2=0 M3=24.8247680407533 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR137 CaseType=Combination P=-30.6762718336469 V2=-12.5098196898601 V3=0 T=0 M2=0 M3=21.3783695605843 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR137 CaseType=Combination P=-30.6762718336469 V2=1.08393031013986 V3=0 T=0 M2=0 M3=23.5207238192818 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR138 CaseType=Combination P=-15.4605853918776 V2=-17.2676321898704 V3=0 T=0 M2=0 M3=31.6313371021907 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR138 CaseType=Combination P=-15.4605853918776 V2=1.08393031012963 V3=0 T=0 M2=0 M3=34.6657812046421 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR139 CaseType=Combination P=-4.85666881662434 V2=-17.2676321898717 V3=0 T=0 M2=0 M3=32.8329173310186 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR139 CaseType=Combination P=-4.85666881662434 V2=1.08393031012825 V3=0 T=0 M2=0 M3=35.8673614334705 FrameElem=30-1  
ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR140 CaseType=Combination P=-10.1465070807604 V2=-38.5301321898717 V3=0 T=0 M2=0 M3=70.240366991588 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.1465070807604 V2=1.08393031012825 V3=0 T=0 M2=0 M3=77.2615298440399 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR141 CaseType=Combination P=-22.5357063992236 V2=-33.0525906894458 V3=0 T=0 M2=0 M3=70.990400832785 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR141 CaseType=Combination P=-22.5357063992236 V2=6.56147181055417 V3=0 T=0 M2=0 M3=75.957485625772 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR142 CaseType=Combination P=-34.9249057200122 V2=-38.5301321898704 V3=0 T=0 M2=0 M3=67.6322785486544 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR142 CaseType=Combination P=-34.9249057200122 V2=1.08393031012963 V3=0 T=0 M2=0 M3=74.6534414011057 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR143 CaseType=Combination P=-18.2233198472664 V2=-7.03227818943564 V3=0 T=0 M2=0 M3=24.7926888493128 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR143 CaseType=Combination P=-18.2233198472664 V2=6.56147181056436 V3=0 T=0 M2=0 M3=24.8809650453512 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR144 CaseType=Combination P=-30.612519168055 V2=-12.5098196898602 V3=0 T=0 M2=0 M3=21.4345665651822 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR144 CaseType=Combination P=-30.612519168055 V2=1.08393031013982 V3=0 T=0 M2=0 M3=23.5769208238798 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR145 CaseType=Combination P=-12.790653784634 V2=-18.3515625000392 V3=0 T=0 M2=0 M3=34.5110419655285 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR145 CaseType=Combination P=-12.790653784634 V2=-3.9187852962641E-11 V3=0 T=0 M2=0 M3=37.9519599342932 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR146 CaseType=Combination P=-2.1867372093808 V2=-18.3515625000406 V3=0 T=0 M2=0 M3=35.7126221943564 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR146 CaseType=Combination P=-2.1867372093808 V2=-4.05634192901516E-11 V3=0 T=0 M2=0 M3=39.1535401631216 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR147 CaseType=Combination P=-10.5324089384642 V2=-46.7015625000402 V3=0 T=0 M2=0 M3=84.4498550211107 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.5324089384642 V2=-4.02360011975134E-11 V3=0 T=0 M2=0 M3=93.2063979898757 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR148 CaseType=Combination P=-25.2840219340641 V2=-40.1625487174653 V3=0 T=0 M2=0 M3=85.3635229324301 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.2840219340641 V2=6.53901378253471 V3=0 T=0 M2=0 M3=91.6679357327296 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR149 CaseType=Combination P=-40.0356349323823 V2=-46.7015625000389 V3=0 T=0 M2=0 M3=81.3729305068083 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.0356349323823 V2=-3.88604348700028E-11 V3=0 T=0 M2=0 M3=90.1294734755729 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR150 CaseType=Combination P=-19.2083559607282 V2=-7.05473621745511 V3=0 T=0 M2=0 M3=26.6966610621015 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR150 CaseType=Combination P=-19.2083559607282 V2=6.53901378254489 V3=0 T=0 M2=0 M3=26.7933590186472 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR151 CaseType=Combination P=-33.9599689590464 V2=-13.593750000287 V3=0 T=0 M2=0 M3=22.7060686364797 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR151 CaseType=Combination P=-33.9599689590464 V2=-2.86739165744621E-11 V3=0 T=0 M2=0 M3=25.2548967614905 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR152 CaseType=Combination P=-18.3739538352344 V2=-27.433926309179 V3=0 T=0 M2=0 M3=75.2442119843742 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR152 CaseType=Combination P=-21.1583288352344 V2=12.180136190821 V3=0 T=0 M2=0 M3=78.1042976315664 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR153 CaseType=Combination P=-7.47657547351687 V2=-39.6140625000406 V3=0 T=0 M2=0 M3=73.1200718549259 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR153 CaseType=Combination P=-7.47657547351687 V2=-4.05634192901516E-11 V3=0 T=0 M2=0 M3=80.5477085736911 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR154 CaseType=Combination P=-19.8657747919801 V2=-34.1365209996146 V3=0 T=0 M2=0 M3=73.8701056961228 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR154 CaseType=Combination P=-19.8657747919801 V2=5.47754150038536 V3=0 T=0 M2=0 M3=79.2436643522283 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR155 CaseType=Combination P=-32.2549741127687 V2=-39.6140625000392 V3=0 T=0 M2=0 M3=70.5119834119922 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR155 CaseType=Combination P=-32.2549741127687 V2=-3.9187852962641E-11 V3=0 T=0 M2=0 M3=77.9396201307569 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR156 CaseType=Combination P=-15.5533882400229 V2=-8.11620849960446 V3=0 T=0 M2=0 M3=27.6723937126507 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR156 CaseType=Combination P=-15.5533882400229 V2=5.47754150039555 V3=0 T=0 M2=0 M3=28.1671437750023 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR157 CaseType=Combination P=-27.9425875608115 V2=-13.593750000029 V3=0 T=0 M2=0 M3=24.31427142852 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR157 CaseType=Combination P=-27.9425875608115 V2=-2.90013346671003E-11 V3=0 T=0 M2=0 M3=26.8630995535309 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR158 CaseType=Combination P=-14.6657321843952 V2=-18.3515625000387 V3=0 T=0 M2=0 M3=32.858188891189 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR158 CaseType=Combination P=-14.6657321843952 V2=-3.87376530852634E-11 V3=0 T=0 M2=0 M3=36.2991068578834 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR159 CaseType=Combination P=-4.06181560914197 V2=-18.3515625000401 V3=0 T=0 M2=0 M3=34.059791179467 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR159 CaseType=Combination P=-4.06181560914197 V2=-4.0113219412774E-11 V3=0 T=0 M2=0 M3=37.5006870867118 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=STR160 CaseType=Combination P=-9.35165387327804 V2=-39.6140625000401 V3=0 T=0 M2=0 M3=71.4672187785162 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR160 CaseType=Combination P=-9.35165387327804 V2=-4.0113219412774E-11 V3=0 T=0 M2=0 M3=78.8948554972813 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR161 CaseType=Combination P=-21.7408531917413 V2=-34.1365209996142 V3=0 T=0 M2=0 M3=72.2172526197132 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR161 CaseType=Combination P=-21.7408531917413 V2=5.47754150038581 V3=0 T=0 M2=0 M3=77.5908112758185 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR162 CaseType=Combination P=-34.1300525125299 V2=-39.6140625000387 V3=0 T=0 M2=0 M3=68.8591303355825 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR162 CaseType=Combination P=-34.1300525125299 V2=-3.87376530852634E-11 V3=0 T=0 M2=0 M3=76.2867670543471 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR163 CaseType=Combination P=-17.4284666397841 V2=-8.11620849960401 V3=0 T=0 M2=0 M3=26.019540636241 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR163 CaseType=Combination P=-17.4284666397841 V2=5.477541500396 V3=0 T=0 M2=0 M3=26.5142906985925 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR164 CaseType=Combination P=-29.8176659605727 V2=-13.593750000286 V3=0 T=0 M2=0 M3=22.6614183521104 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR164 CaseType=Combination P=-29.8176659605727 V2=-2.85511347897227E-11 V3=0 T=0 M2=0 M3=25.2102464771211 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR165 CaseType=Combination P=-10.9155753848729 V2=-18.3515625000396 V3=0 T=0 M2=0 M3=36.1638950419382 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR165 CaseType=Combination P=-10.9155753848729 V2=-3.96380528400186E-11 V3=0 T=0 M2=0 M3=39.604813010703 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR166 CaseType=Combination P=-0.311658809619639 V2=-18.351562500041 V3=0 T=0 M2=0 M3=37.365475270766 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR166 CaseType=Combination P=-0.311658809619639 V2=-4.10136191675292E-11 V3=0 T=0 M2=0 M3=40.8063932395314 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR167 CaseType=Combination P=-5.60149707375571 V2=-39.614062500041 V3=0 T=0 M2=0 M3=74.7729249313355 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR167 CaseType=Combination P=-5.60149707375571 V2=-4.10136191675292E-11 V3=0 T=0 M2=0 M3=82.2005616501009 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR168 CaseType=Combination P=-17.9906963922189 V2=-34.1365209996151 V3=0 T=0 M2=0 M3=75.5229587725324 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR168 CaseType=Combination P=-17.9906963922189 V2=5.47754150038491 V3=0 T=0 M2=0 M3=80.8965174286381 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR169 CaseType=Combination P=-30.3798957130075 V2=-39.6140625000396 V3=0 T=0 M2=0 M3=72.1648364884018 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR169 CaseType=Combination P=-30.3798957130075 V2=-3.96380528400186E-11 V3=0 T=0 M2=0 M3=79.5924732071666 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR170 CaseType=Combination P=-13.6783098402617 V2=-8.11620849960491 V3=0 T=0 M2=0 M3=29.3252467890603 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR170 CaseType=Combination P=-13.6783098402617 V2=5.4775415003951 V3=0 T=0 M2=0 M3=29.8199968514121 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR171 CaseType=Combination P=-26.0675091610503 V2=-13.593750000295 V3=0 T=0 M2=0 M3=25.9671245049297 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR171 CaseType=Combination P=-26.0675091610503 V2=-2.94515345444779E-11 V3=0 T=0 M2=0 M3=28.5159526299407 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR172 CaseType=Combination P=-11.9642272464291 V2=-19.0019206861403 V3=0 T=0 M2=0 M3=35.5552448511282 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR172 CaseType=Combination P=-11.9642272464291 V2=-0.650358186140281 V3=0 T=0 M2=0 M3=39.2400471396808 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR173 CaseType=Combination P=-1.36031067117588 V2=-19.0019206861417 V3=0 T=0 M2=0 M3=36.756825079956 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR173 CaseType=Combination P=-1.36031067117588 V2=-0.650358186141657 V3=0 T=0 M2=0 M3=40.4416273685092 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR174 CaseType=Combination P=-6.65014893531195 V2=-40.2644206861417 V3=0 T=0 M2=0 M3=74.1642747405255 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR174 CaseType=Combination P=-6.65014893531195 V2=-0.650358186141657 V3=0 T=0 M2=0 M3=81.8357957790786 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR175 CaseType=Combination P=-19.0393482537752 V2=-34.7868791857157 V3=0 T=0 M2=0 M3=74.9143085817224 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR175 CaseType=Combination P=-19.0393482537752 V2=4.82718331428427 V3=0 T=0 M2=0 M3=80.5317515576158 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR176 CaseType=Combination P=-31.4285475745638 V2=-40.2644206861403 V3=0 T=0 M2=0 M3=71.5561862975918 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR176 CaseType=Combination P=-31.4285475745638 V2=-0.650358186140281 V3=0 T=0 M2=0 M3=79.2277073361444 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR177 CaseType=Combination P=-14.726961701818 V2=-8.76656668570555 V3=0 T=0 M2=0 M3=28.7165965982503 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR177 CaseType=Combination P=-14.726961701818 V2=4.82718331429445 V3=0 T=0 M2=0 M3=29.4552309803899 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR178 CaseType=Combination P=-27.1161610226066 V2=-14.2441081861301 V3=0 T=0 M2=0 M3=25.3584743141197 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR178 CaseType=Combination P=-27.1161610226066 V2=-0.650358186130095 V3=0 T=0 M2=0 M3=28.1511867589185 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR179 CaseType=Combination P=-11.9642272464291 V2=-19.0019206861403 V3=0 T=0 M2=0 M3=35.5552448511282 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR179 CaseType=Combination P=-11.9642272464291 V2=-0.650358186140281 V3=0 T=0 M2=0 M3=39.2400471396808 FrameElem=30-1 ElemStation=0.375

PROVATO SDR

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Frame=30 Station=0 OutputCase=STR180 CaseType=Combination P=-13.617080322839 V2=-17.7012043139381 V3=0 T=0 M2=0 M3=33.4668390799289 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR180 CaseType=Combination P=-13.617080322839 V2=0.650358186061906 V3=0 T=0 M2=0 M3=36.6638727289057 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR181 CaseType=Combination P=-3.01316374758572 V2=-17.7012043139395 V3=0 T=0 M2=0 M3=34.6684193087567 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR181 CaseType=Combination P=-3.01316374758572 V2=0.65035818606053 V3=0 T=0 M2=0 M3=37.865452957734 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR182 CaseType=Combination P=-8.30300201172179 V2=-38.9637043139395 V3=0 T=0 M2=0 M3=72.0758689693262 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR182 CaseType=Combination P=-8.30300201172179 V2=0.65035818606053 V3=0 T=0 M2=0 M3=79.2596213683035 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR183 CaseType=Combination P=-20.692201330185 V2=-33.4861628135135 V3=0 T=0 M2=0 M3=72.8259028105231 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR183 CaseType=Combination P=-20.692201330185 V2=6.12789968648645 V3=0 T=0 M2=0 M3=77.9555771468407 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR184 CaseType=Combination P=-33.0814006509736 V2=-38.9637043139381 V3=0 T=0 M2=0 M3=69.4677805263925 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR184 CaseType=Combination P=-33.0814006509736 V2=0.650358186061906 V3=0 T=0 M2=0 M3=76.6515329253693 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR185 CaseType=Combination P=-16.3798147782278 V2=-7.46585031350336 V3=0 T=0 M2=0 M3=26.628190827051 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR185 CaseType=Combination P=-16.3798147782278 V2=6.12789968649664 V3=0 T=0 M2=0 M3=26.8790565696148 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR186 CaseType=Combination P=-28.7690140990164 V2=-12.9433918139279 V3=0 T=0 M2=0 M3=23.2700685429204 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR186 CaseType=Combination P=-28.7690140990164 V2=0.650358186072092 V3=0 T=0 M2=0 M3=25.5750123481433 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=STR187 CaseType=Combination P=-13.617080322839 V2=-17.7012043139381 V3=0 T=0 M2=0 M3=33.4668390799289 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=STR187 CaseType=Combination P=-13.617080322839 V2=0.650358186061906 V3=0 T=0 M2=0 M3=36.6638727289057 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809619639 V2=-6.40437803135352 V3=0 T=0 M2=0 M3=85.3635229324301 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809619639 V2=12.8304943769226 V3=0 T=0 M2=0 M3=93.2063979898757 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443974964 V2=-47.3519206861408 V3=0 T=0 M2=0 M3=17.6668966138917 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443974964 V2=-1.08393031020872 V3=0 T=0 M2=0 M3=19.9718404191141 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS01 CaseType=Combination P=-13.8725742658845 V2=-0.477967935580862 V3=0 T=0 M2=0 M3=26.5541396015669 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-17.6938242658845 V2=12.5397820644193 V3=0 T=0 M2=0 M3=24.2925494524096 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS02 CaseType=Combination P=-15.1747120434965 V2=-0.477967935580369 V3=0 T=0 M2=0 M3=25.4063249651713 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-18.9959620434965 V2=12.5397820644196 V3=0 T=0 M2=0 M3=23.1447348160139 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS03 CaseType=Combination P=-12.5704364882726 V2=-0.477967935580995 V3=0 T=0 M2=0 M3=27.7019542379624 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-16.3916864882726 V2=12.539782064419 V3=0 T=0 M2=0 M3=25.4403640888053 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS04 CaseType=Combination P=-13.298669476867 V2=-0.929605564817553 V3=0 T=0 M2=0 M3=27.2792804943444 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-17.1199169476867 V2=12.0881444351824 V3=0 T=0 M2=0 M3=25.187054456151 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS05 CaseType=Combination P=-14.446815840824 V2=-2.63303063438116E-02 V3=0 T=0 M2=0 M3=25.8289987087893 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-18.2677315840824 V2=12.9914196936562 V3=0 T=0 M2=0 M3=23.3980444486682 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS06 CaseType=Combination P=-12.5261638038339 V2=-0.477967935581023 V3=0 T=0 M2=0 M3=27.7409799355999 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-16.3474138038339 V2=12.539782064419 V3=0 T=0 M2=0 M3=25.4793897864428 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS07 CaseType=Combination P=-14.6008047252986 V2=-0.92960556481724 V3=0 T=0 M2=0 M3=26.1314658579488 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-18.4220547252986 V2=12.0881444351828 V3=0 T=0 M2=0 M3=24.0392398197553 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS08 CaseType=Combination P=-15.7486193616943 V2=-0.026330306343499 V3=0 T=0 M2=0 M3=24.6811840723937 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-19.5698693616943 V2=12.9914196936565 V3=0 T=0 M2=0 M3=22.2502298122725 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS09 CaseType=Combination P=-13.8283015814458 V2=-0.47796793558071 V3=0 T=0 M2=0 M3=26.5931652992043 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-17.6495515814458 V2=12.5397820644193 V3=0 T=0 M2=0 M3=24.3315751500471 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS10 CaseType=Combination P=-13.971679217723 V2=-1.62996793557745 V3=0 T=0 M2=0 M3=28.617289942269 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-17.792929217723 V2=12.5397820644225 V3=0 T=0 M2=0 M3=26.5716997931105 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=SIS11 CaseType=Combination P=-15.2738169953349 V2=-1.62996793557714 V3=0 T=0 M2=0 M3=27.4694753058734 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-19.0950669953349 V2=12.5397820644229 V3=0 T=0 M2=0 M3=25.4238851567148 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS12 CaseType=Combination P=-12.6695414401111 V2=-1.62996793557776 V3=0 T=0 M2=0 M3=29.7651045786645 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-16.4907914401111 V2=12.5397820644222 V3=0 T=0 M2=0 M3=27.7195144295062 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS13 CaseType=Combination P=-13.3977718995252 V2=-2.08160556481432 V3=0 T=0 M2=0 M3=29.3424308350465 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-17.2190218995252 V2=12.0881444351857 V3=0 T=0 M2=0 M3=27.4662047968519 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS14 CaseType=Combination P=-14.5455865359209 V2=-1.17833030634058 V3=0 T=0 M2=0 M3=27.8921490494914 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-18.3668365359209 V2=12.9914196936594 V3=0 T=0 M2=0 M3=25.6771947893691 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS15 CaseType=Combination P=-12.6252687556723 V2=-1.62996793557779 V3=0 T=0 M2=0 M3=29.804130276302 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-16.4465187556723 V2=12.5397820644222 V3=0 T=0 M2=0 M3=27.75854012171437 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS16 CaseType=Combination P=-14.6999096771371 V2=-2.08160556481401 V3=0 T=0 M2=0 M3=28.1946161986509 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-18.5211596771371 V2=12.088144435186 V3=0 T=0 M2=0 M3=26.3183901604562 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS17 CaseType=Combination P=-15.8477243135328 V2=-1.17833030634027 V3=0 T=0 M2=0 M3=26.7443344130959 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-19.6689743135328 V2=12.9914196936597 V3=0 T=0 M2=0 M3=24.5293801529735 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS18 CaseType=Combination P=-13.9274065332843 V2=-1.62996793557748 V3=0 T=0 M2=0 M3=28.6563156399064 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-17.7486565332843 V2=12.5397820644225 V3=0 T=0 M2=0 M3=26.610725490748 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS19 CaseType=Combination P=-16.431826822751 V2=-6.05393676635344 V3=0 T=0 M2=0 M3=21.5521425591986 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-17.578201822751 V2=5.61981323364656 V3=0 T=0 M2=0 M3=21.6335407215811 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS20 CaseType=Combination P=-17.7339646003629 V2=-6.05393676635313 V3=0 T=0 M2=0 M3=20.404327922803 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-18.8803396003629 V2=5.61981323364687 V3=0 T=0 M2=0 M3=20.4857260851854 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS21 CaseType=Combination P=-15.1296890451391 V2=-6.05393676635376 V3=0 T=0 M2=0 M3=22.6999571955941 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-16.2760640451391 V2=5.61981323364624 V3=0 T=0 M2=0 M3=22.7813553579768 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS22 CaseType=Combination P=-15.8579195045531 V2=-6.50557439559032 V3=0 T=0 M2=0 M3=22.2772834519761 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-17.0042945045531 V2=5.16817560440968 V3=0 T=0 M2=0 M3=22.5280457253225 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS23 CaseType=Combination P=-17.0057341409489 V2=-5.60229913711657 V3=0 T=0 M2=0 M3=20.827001666421 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-18.1521091409489 V2=6.07145086288343 V3=0 T=0 M2=0 M3=20.7390357178397 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS24 CaseType=Combination P=-15.0854163607003 V2=-6.05393676635379 V3=0 T=0 M2=0 M3=22.7389828932316 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-16.2317913607003 V2=5.61981323364621 V3=0 T=0 M2=0 M3=22.8203810556143 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS25 CaseType=Combination P=-17.160057282165 V2=-6.505574395959 V3=0 T=0 M2=0 M3=21.1294688155805 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-18.306432282165 V2=5.16817560441 V3=0 T=0 M2=0 M3=21.3802310889268 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS26 CaseType=Combination P=-18.3078719185608 V2=-5.60229913711626 V3=0 T=0 M2=0 M3=19.6791870300254 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-19.4542469185608 V2=6.07145086288374 V3=0 T=0 M2=0 M3=19.591221081444 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS27 CaseType=Combination P=-16.3875541383122 V2=-6.05393676635347 V3=0 T=0 M2=0 M3=21.591168256836 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-17.5339291383122 V2=5.61981323364653 V3=0 T=0 M2=0 M3=21.6725664192186 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS28 CaseType=Combination P=-16.7621766622126 V2=-9.89393676634268 V3=0 T=0 M2=0 M3=28.429310361539 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-17.9085516622126 V2=5.61981323365732 V3=0 T=0 M2=0 M3=29.2307085239175 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS29 CaseType=Combination P=-18.0643144398245 V2=-9.89393676634236 V3=0 T=0 M2=0 M3=27.2814957251434 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-19.2106894398245 V2=5.61981323365764 V3=0 T=0 M2=0 M3=28.0828938875218 FrameElem=30-1  
ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS30 CaseType=Combination P=-15.4600388846007 V2=-9.89393676634299 V3=0 T=0 M2=0 M3=29.577124979345 FrameElem=30-1  
ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-16.6064138846007 V2=5.61981323365701 V3=0 T=0 M2=0 M3=30.3785231603132 FrameElem=30-1  
ElemStation=0.375

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Frame=30 Station=0 OutputCase=SIS31 CaseType=Combination P=-16.1882693440147 V2=-10.3455743955795 V3=0 T=0 M2=0 M3=29.1544512543165 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-17.3346443440147 V2=5.16817560442045 V3=0 T=0 M2=0 M3=30.1252135276588 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS32 CaseType=Combination P=-17.3360839804105 V2=-9.44229913710581 V3=0 T=0 M2=0 M3=27.7041694687614 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-18.4824589804104 V2=6.07145086289419 V3=0 T=0 M2=0 M3=28.3362035201761 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS33 CaseType=Combination P=-15.4157662001619 V2=-9.89393676634302 V3=0 T=0 M2=0 M3=29.616150695572 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-16.5621412001619 V2=5.61981323365698 V3=0 T=0 M2=0 M3=30.4175488579506 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS34 CaseType=Combination P=-17.4904071216266 V2=-10.3455743955792 V3=0 T=0 M2=0 M3=28.0066366179209 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-18.6367821216266 V2=5.16817560442077 V3=0 T=0 M2=0 M3=28.9773988912631 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS35 CaseType=Combination P=-18.6382217580224 V2=-9.44229913710549 V3=0 T=0 M2=0 M3=26.5563548323658 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-19.7845967580224 V2=6.07145086289451 V3=0 T=0 M2=0 M3=27.1883888837804 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=SIS36 CaseType=Combination P=-16.7179039777738 V2=-9.8939367663427 V3=0 T=0 M2=0 M3=28.4683360591764 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-17.8642789777738 V2=5.6198132336573 V3=0 T=0 M2=0 M3=29.2697342215549 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-12.5261638038339 V2=-0.026330306343499 V3=0 T=0 M2=0 M3=29.804130276302 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-16.2317913607003 V2=12.9914196936597 V3=0 T=0 M2=0 M3=30.4175488579506 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-18.6382217580224 V2=-10.3455743955795 V3=0 T=0 M2=0 M3=19.6791870300254 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-19.7845967580224 V2=5.16817560440968 V3=0 T=0 M2=0 M3=19.591221081444 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR001 CaseType=Combination P=-11.8681769581894 V2=-13.5937500000284 V3=0 T=0 M2=0 M3=23.4537964176661 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-11.8681769581894 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=26.0026245426768 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR002 CaseType=Combination P=-11.6201056493812 V2=-34.5937500000296 V3=0 T=0 M2=0 M3=61.0195723641641 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-11.6201056493812 V2=-2.95585778076202E-11 V3=0 T=0 M2=0 M3=67.5059004891752 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR003 CaseType=Combination P=-21.356151341439 V2=-30.2651943012729 V3=0 T=0 M2=0 M3=61.6381354675639 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-21.356151341439 V2=4.32855569872709 V3=0 T=0 M2=0 M3=66.5012552055412 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR004 CaseType=Combination P=-31.0921970353594 V2=-34.5937500000284 V3=0 T=0 M2=0 M3=59.0102817968894 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-31.0921970353594 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=65.4966099219001 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR005 CaseType=Combination P=-16.1316197225392 V2=-9.26519430127291 V3=0 T=0 M2=0 M3=24.6925061731743 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-16.1316197225392 V2=4.32855569872709 V3=0 T=0 M2=0 M3=25.6181259111516 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR006 CaseType=Combination P=-25.8676654164596 V2=-13.5937500000284 V3=0 T=0 M2=0 M3=22.0646525024998 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-25.8676654164596 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=24.6134806275105 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR007 CaseType=Combination P=-16.2375823793429 V2=-20.8365851099497 V3=0 T=0 M2=0 M3=54.1423495801151 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-18.3000823793429 V2=8.50716489005026 V3=0 T=0 M2=0 M3=56.4541158713462 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR008 CaseType=Combination P=-8.99984958570519 V2=-13.5937500000289 V3=0 T=0 M2=0 M3=21.7783137969833 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-8.99984958570519 V2=-2.89333002001513E-11 V3=0 T=0 M2=0 M3=24.3271419219942 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR009 CaseType=Combination P=-13.1826709825155 V2=-34.5937500000292 V3=0 T=0 M2=0 M3=59.6421948004894 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-13.1826709825155 V2=-2.91834112431388E-11 V3=0 T=0 M2=0 M3=66.1285229255004 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR010 CaseType=Combination P=-22.9187166745733 V2=-30.2651943012725 V3=0 T=0 M2=0 M3=60.2607579038892 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-22.9187166745733 V2=4.32855569872746 V3=0 T=0 M2=0 M3=65.1238776418664 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR011 CaseType=Combination P=-32.6547623684937 V2=-34.593750000028 V3=0 T=0 M2=0 M3=57.6329042332148 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-32.6547623684937 V2=-2.80465428659227E-11 V3=0 T=0 M2=0 M3=64.1192323582253 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR012 CaseType=Combination P=-17.6941850556735 V2=-9.26519430127254 V3=0 T=0 M2=0 M3=23.3151286094996 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-17.6941850556735 V2=4.32855569872746 V3=0 T=0 M2=0 M3=24.2407483474768 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR013 CaseType=Combination P=-27.4302307495939 V2=-13.593750000028 V3=0 T=0 M2=0 M3=20.6872749388251 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-27.4302307495939 V2=-2.80465428659227E-11 V3=0 T=0 M2=0 M3=23.2361030638357 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR014 CaseType=Combination P=-17.8001477124772 V2=-20.8365851099494 V3=0 T=0 M2=0 M3=52.7649720164404 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-19.8626477124772 V2=-8.50716489005064 V3=0 T=0 M2=0 M3=55.0767383076714 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR015 CaseType=Combination P=-12.9182482998801 V2=-29.3437500000289 V3=0 T=0 M2=0 M3=49.4875357677755 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-12.9182482998801 V2=-2.89333002001513E-11 V3=0 T=0 M2=0 M3=54.9894888927864 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR016 CaseType=Combination P=-20.9043579347996 V2=-25.8014700658271 V3=0 T=0 M2=0 M3=49.9848884488623 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-20.9043579347996 V2=-3.54227993417288 V3=0 T=0 M2=0 M3=54.1584865985475 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR017 CaseType=Combination P=-28.8904675712908 V2=-29.3437500000278 V3=0 T=0 M2=0 M3=47.8255311792925 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-28.8904675712908 V2=-2.77964318229351E-11 V3=0 T=0 M2=0 M3=53.3274843043029 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR018 CaseType=Combination P=-16.9859592206247 V2=-10.0514700658271 V3=0 T=0 M2=0 M3=22.2756664780701 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-16.9859592206247 V2=-3.54227993417288 V3=0 T=0 M2=0 M3=23.4961396277553 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR019 CaseType=Combination P=-24.9720688571159 V2=-13.5937500000278 V3=0 T=0 M2=0 M3=20.1163092085003 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-24.9720688571159 V2=-2.77964318229351E-11 V3=0 T=0 M2=0 M3=22.6651373335107 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR020 CaseType=Combination P=-8.31116080386776 V2=-14.1357151551132 V3=0 T=0 M2=0 M3=22.6484828683164 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-8.31116080386776 V2=-0.541965155113178 V3=0 T=0 M2=0 M3=25.4005479264838 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR021 CaseType=Combination P=-12.2295595180426 V2=-29.8857151551132 V3=0 T=0 M2=0 M3=50.3577048391086 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-12.2295595180426 V2=-0.541965155113178 V3=0 T=0 M2=0 M3=56.062894897276 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR022 CaseType=Combination P=-20.2156691529622 V2=-26.3434352209114 V3=0 T=0 M2=0 M3=50.8550575201954 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-20.2156691529622 V2=-3.00031477908864 V3=0 T=0 M2=0 M3=55.2318926030371 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR023 CaseType=Combination P=-28.2017787894533 V2=-29.885715155112 V3=0 T=0 M2=0 M3=48.6957002506255 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-28.2017787894533 V2=-0.541965155112041 V3=0 T=0 M2=0 M3=54.4008903087925 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR024 CaseType=Combination P=-16.2972704387873 V2=-10.5934352209114 V3=0 T=0 M2=0 M3=23.1458355494032 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-16.2972704387873 V2=-3.00031477908864 V3=0 T=0 M2=0 M3=24.5695456322449 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR025 CaseType=Combination P=-24.2833800752785 V2=-14.135715155112 V3=0 T=0 M2=0 M3=20.9864782798333 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-24.2833800752785 V2=-0.541965155112041 V3=0 T=0 M2=0 M3=23.738543380003 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR026 CaseType=Combination P=-9.68853836754262 V2=-13.0517848449447 V3=0 T=0 M2=0 M3=20.9081447256503 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-9.68853836754262 V2=-0.541965155055311 V3=0 T=0 M2=0 M3=23.2537359175045 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR027 CaseType=Combination P=-13.6069370817175 V2=-28.8017848449447 V3=0 T=0 M2=0 M3=48.6173666964425 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-13.6069370817175 V2=-0.541965155055311 V3=0 T=0 M2=0 M3=53.9160828882967 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR028 CaseType=Combination P=-21.593046716637 V2=-25.2595049107429 V3=0 T=0 M2=0 M3=49.1147193775293 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-21.593046716637 V2=4.08424508925713 V3=0 T=0 M2=0 M3=53.0850805940579 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR029 CaseType=Combination P=-29.5791563531282 V2=-28.8017848449436 V3=0 T=0 M2=0 M3=46.9553621079594 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-29.5791563531282 V2=-0.541965155056448 V3=0 T=0 M2=0 M3=52.2540782998132 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR030 CaseType=Combination P=-17.6746480024622 V2=-9.50950491074287 V3=0 T=0 M2=0 M3=21.4054974067371 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-17.6746480024622 V2=4.08424508925713 V3=0 T=0 M2=0 M3=22.4227336232656 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR031 CaseType=Combination P=-25.6607576389533 V2=-13.0517848449436 V3=0 T=0 M2=0 M3=19.2461401371672 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-25.6607576389533 V2=-0.541965155056448 V3=0 T=0 M2=0 M3=21.591731329021 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR032 CaseType=Combination P=-7.38415703124436 V2=-13.5937500000293 V3=0 T=0 M2=0 M3=23.202522197823 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-7.38415703124436 V2=-2.93425728159491E-11 V3=0 T=0 M2=0 M3=25.751350322834 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR033 CaseType=Combination P=-11.3025557454192 V2=-29.3437500000293 V3=0 T=0 M2=0 M3=50.9117441686152 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-11.3025557454192 V2=-2.93425728159491E-11 V3=0 T=0 M2=0 M3=56.4136972936262 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR034 CaseType=Combination P=-19.2886653803388 V2=-25.8014700658275 V3=0 T=0 M2=0 M3=51.409096849702 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-19.2886653803388 V2=3.54227993417247 V3=0 T=0 M2=0 M3=55.5826949993873 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR035 CaseType=Combination P=-27.2747750168299 V2=-29.3437500000282 V3=0 T=0 M2=0 M3=49.2497395801321 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-27.2747750168299 V2=-2.82057044387329E-11 V3=0 T=0 M2=0 M3=54.7516927051427 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR036 CaseType=Combination P=-15.3702666661639 V2=-10.0514700658275 V3=0 T=0 M2=0 M3=23.6998748789098 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-15.3702666661639 V2=3.54227993417247 V3=0 T=0 M2=0 M3=24.9203480285951 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR037 CaseType=Combination P=-23.3563763026551 V2=-13.5937500000282 V3=0 T=0 M2=0 M3=21.5405176093399 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-23.3563763026551 V2=-2.82057044387329E-11 V3=0 T=0 M2=0 M3=24.0893457343505 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR038 CaseType=Combination P=-3.79129847525751 V2=-13.5937500000302 V3=0 T=0 M2=0 M3=26.3695723425656 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-3.79129847525751 V2=-3.01838554150891E-11 V3=0 T=0 M2=0 M3=28.9184004675769 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.0575403162469 V2=-34.5937500000299 V3=0 T=0 M2=0 M3=62.3969499278388 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.0575403162469 V2=-2.99337443721015E-11 V3=0 T=0 M2=0 M3=68.88327805285 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR040 CaseType=Combination P=-19.7935860083047 V2=-30.2651943012733 V3=0 T=0 M2=0 M3=63.0151130312386 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-19.7935860083047 V2=4.32855569872671 V3=0 T=0 M2=0 M3=67.8786327692161 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR041 CaseType=Combination P=-29.5296317022251 V2=-34.5937500000288 V3=0 T=0 M2=0 M3=60.3876593605641 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-29.5296317022251 V2=-2.87968759948853E-11 V3=0 T=0 M2=0 M3=66.8739874855749 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR042 CaseType=Combination P=-14.5690543894049 V2=-9.26519430127329 V3=0 T=0 M2=0 M3=26.069883736849 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-14.5690543894049 V2=4.32855569872671 V3=0 T=0 M2=0 M3=26.9955034748264 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR043 CaseType=Combination P=-24.3051000833253 V2=-13.5937500000288 V3=0 T=0 M2=0 M3=23.4420300661745 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-24.3051000833253 V2=-2.87968759948853E-11 V3=0 T=0 M2=0 M3=25.9908581911853 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR044 CaseType=Combination P=-14.6750170462086 V2=-20.8365851099501 V3=0 T=0 M2=0 M3=55.5197271437898 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-16.7375170462086 V2=8.50716489004989 V3=0 T=0 M2=0 M3=57.8314934350211 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR045 CaseType=Combination P=-7.70969718943237 V2=-29.3437500000302 V3=0 T=0 M2=0 M3=54.0787943133578 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-7.70969718943237 V2=-3.01838554150891E-11 V3=0 T=0 M2=0 M3=59.5807474383692 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR046 CaseType=Combination P=-15.6958068243519 V2=-25.8014700658284 V3=0 T=0 M2=0 M3=54.5761469944446 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-15.6958068243519 V2=3.54227993417163 V3=0 T=0 M2=0 M3=58.7497451441303 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR047 CaseType=Combination P=-23.6819164608431 V2=-29.3437500000299 V3=0 T=0 M2=0 M3=52.4167897248748 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-23.6819164608431 V2=-2.90469870378729E-11 V3=0 T=0 M2=0 M3=57.9187428498857 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR048 CaseType=Combination P=-11.7774081101771 V2=-10.0514700658284 V3=0 T=0 M2=0 M3=26.8669250236524 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-11.7774081101771 V2=3.54227993417163 V3=0 T=0 M2=0 M3=28.0873981733381 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR049 CaseType=Combination P=-19.7635177466682 V2=-13.5937500000299 V3=0 T=0 M2=0 M3=24.7075677540826 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-19.7635177466682 V2=-2.90469870378729E-11 V3=0 T=0 M2=0 M3=27.2563958790934 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR050 CaseType=Combination P=-3.10260969342008 V2=-14.1357151551144 V3=0 T=0 M2=0 M3=27.2397414138987 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-3.10260969342008 V2=-0.541965155114428 V3=0 T=0 M2=0 M3=29.9918064720666 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR051 CaseType=Combination P=-7.02100840759494 V2=-29.8857151551144 V3=0 T=0 M2=0 M3=54.9489633846909 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-7.02100840759494 V2=-0.541965155114428 V3=0 T=0 M2=0 M3=60.6541534428588 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR052 CaseType=Combination P=-15.0071180425145 V2=-26.3434352209126 V3=0 T=0 M2=0 M3=55.4463160657777 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-15.0071180425145 V2=3.00031477908739 V3=0 T=0 M2=0 M3=59.8231511486199 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR053 CaseType=Combination P=-22.9932276790057 V2=-29.8857151551133 V3=0 T=0 M2=0 M3=53.2869587962078 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-22.9932276790057 V2=-0.541965155113291 V3=0 T=0 M2=0 M3=58.9921488543753 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR054 CaseType=Combination P=-11.0887193283396 V2=-10.5934352209126 V3=0 T=0 M2=0 M3=27.7370940949855 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-11.0887193283396 V2=3.00031477908739 V3=0 T=0 M2=0 M3=29.1608041778277 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR055 CaseType=Combination P=-19.0748289648308 V2=-14.1357151551133 V3=0 T=0 M2=0 M3=25.5777368254156 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-19.0748289648308 V2=-0.541965155113291 V3=0 T=0 M2=0 M3=28.3298018835831 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR056 CaseType=Combination P=-4.47998725709494 V2=-13.0517848449459 V3=0 T=0 M2=0 M3=25.4994032712326 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-4.47998725709494 V2=0.541965155054061 V3=0 T=0 M2=0 M3=27.8449944630873 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR057 CaseType=Combination P=-8.39838597126981 V2=-28.8017848449459 V3=0 T=0 M2=0 M3=53.2086252420248 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-8.39838597126981 V2=0.541965155054061 V3=0 T=0 M2=0 M3=58.5073414338795 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR058 CaseType=Combination P=-16.3844956061894 V2=-25.2595049107441 V3=0 T=0 M2=0 M3=53.7059779231116 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-16.3844956061894 V2=4.08424508925588 V3=0 T=0 M2=0 M3=57.6763391396406 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR059 CaseType=Combination P=-24.3706052426805 V2=-28.8017848449448 V3=0 T=0 M2=0 M3=51.5466206535417 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-24.3706052426805 V2=0.541965155055197 V3=0 T=0 M2=0 M3=56.845336845396 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR060 CaseType=Combination P=-12.4660968920145 V2=-9.50950491074412 V3=0 T=0 M2=0 M3=25.9967559523194 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-12.4660968920145 V2=4.08424508925588 V3=0 T=0 M2=0 M3=27.0139921688484 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR061 CaseType=Combination P=-20.4522065285057 V2=-13.0517848449448 V3=0 T=0 M2=0 M3=23.8373986827495 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-20.4522065285057 V2=0.541965155055197 V3=0 T=0 M2=0 M3=26.1829898746038 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR062 CaseType=Combination P=-2.17560592079668 V2=-13.5937500000306 V3=0 T=0 M2=0 M3=27.7937807434053 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-2.17560592079668 V2=3.05931280308869E-11 V3=0 T=0 M2=0 M3=30.3426088684167 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR063 CaseType=Combination P=-6.09400463497154 V2=-29.3437500000306 V3=0 T=0 M2=0 M3=55.5030027141975 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-6.09400463497154 V2=3.05931280308869E-11 V3=0 T=0 M2=0 M3=61.0049558392089 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR064 CaseType=Combination P=-14.0801142698911 V2=-25.8014700658288 V3=0 T=0 M2=0 M3=56.0003553952843 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-14.0801142698911 V2=3.54227993417122 V3=0 T=0 M2=0 M3=60.1739535449701 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR065 CaseType=Combination P=-22.0662239063823 V2=-29.3437500000295 V3=0 T=0 M2=0 M3=53.8409981257144 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-22.0662239063823 V2=-2.94562596536707E-11 V3=0 T=0 M2=0 M3=59.3429512507254 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR066 CaseType=Combination P=-10.1617155557162 V2=-10.0514700658288 V3=0 T=0 M2=0 M3=28.291133424492 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-10.1617155557162 V2=3.54227993417122 V3=0 T=0 M2=0 M3=29.5116065741778 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR067 CaseType=Combination P=-18.1478251922074 V2=-13.5937500000295 V3=0 T=0 M2=0 M3=26.1317761549222 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-18.1478251922074 V2=-2.94562596536707E-11 V3=0 T=0 M2=0 M3=28.6806042799332 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR068 CaseType=Combination P=-5.24775939408563 V2=-14.4970252585033 V3=0 T=0 M2=0 M3=25.5242248553296 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-5.24775939408563 V2=-0.903275258503299 V3=0 T=0 M2=0 M3=28.4117812022683 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR069 CaseType=Combination P=-10.9314168675437 V2=-35.1357151551138 V3=0 T=0 M2=0 M3=61.8897414354972 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-10.9314168675437 V2=-0.541965155113803 V3=0 T=0 M2=0 M3=68.5793064936648 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR070 CaseType=Combination P=-20.6674625596016 V2=-30.8071594563572 V3=0 T=0 M2=0 M3=62.5083045388969 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-20.6674625596016 V2=3.78659054364284 V3=0 T=0 M2=0 M3=67.5746612100309 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR071 CaseType=Combination P=-30.403508253522 V2=-35.1357151551127 V3=0 T=0 M2=0 M3=59.8804508682225 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-30.403508253522 V2=-0.541965155112666 V3=0 T=0 M2=0 M3=66.5700159263897 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR072 CaseType=Combination P=-15.4429309407017 V2=-9.80715945635716 V3=0 T=0 M2=0 M3=25.5626752445073 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-15.4429309407017 V2=3.78659054364284 V3=0 T=0 M2=0 M3=26.6915319156413 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR073 CaseType=Combination P=-25.1789766346222 V2=-14.1357151551127 V3=0 T=0 M2=0 M3=22.9348215738329 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-25.1789766346222 V2=-0.541965155112666 V3=0 T=0 M2=0 M3=25.6868866320001 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR074 CaseType=Combination P=-15.5488935975055 V2=-21.378550265034 V3=0 T=0 M2=0 M3=55.0125186514481 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-17.6113935975055 V2=7.96519973496602 V3=0 T=0 M2=0 M3=57.5275218758359 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR075 CaseType=Combination P=-9.16615810826049 V2=-30.2470252585033 V3=0 T=0 M2=0 M3=53.2334468261218 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-9.16615810826049 V2=-0.903275258503299 V3=0 T=0 M2=0 M3=59.0741281730605 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR076 CaseType=Combination P=-17.15226774318 V2=-26.7047453243015 V3=0 T=0 M2=0 M3=53.7307995072086 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-17.15226774318 V2=2.63900467569852 V3=0 T=0 M2=0 M3=58.2431258788216 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR077 CaseType=Combination P=-25.1383773796712 V2=-30.2470252585022 V3=0 T=0 M2=0 M3=51.5714422376387 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-25.1383773796712 V2=-0.903275258502163 V3=0 T=0 M2=0 M3=57.412123584577 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR078 CaseType=Combination P=-13.2338690290052 V2=-10.9547453243015 V3=0 T=0 M2=0 M3=26.0215775364164 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-13.2338690290052 V2=2.63900467569852 V3=0 T=0 M2=0 M3=27.5807789080294 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR079 CaseType=Combination P=-21.2199786654963 V2=-14.4970252585022 V3=0 T=0 M2=0 M3=23.8622202668465 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-21.2199786654963 V2=-0.903275258502163 V3=0 T=0 M2=0 M3=26.7497766137848 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR080 CaseType=Combination P=-6.81032472721993 V2=-14.4970252585029 V3=0 T=0 M2=0 M3=24.1468472916549 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-6.81032472721993 V2=-0.903275258502924 V3=0 T=0 M2=0 M3=27.0344036385935 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.7287234413948 V2=-30.2470252585029 V3=0 T=0 M2=0 M3=51.8560692624471 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.7287234413948 V2=-0.903275258502924 V3=0 T=0 M2=0 M3=57.6967506093857 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.7148330763143 V2=-26.7047453243011 V3=0 T=0 M2=0 M3=52.3534219435339 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.7148330763143 V2=2.63900467569889 V3=0 T=0 M2=0 M3=56.8657483151468 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.7009427128055 V2=-30.2470252585018 V3=0 T=0 M2=0 M3=50.194064673964 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.7009427128055 V2=-0.903275258501787 V3=0 T=0 M2=0 M3=56.0347460209022 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR084 CaseType=Combination P=-14.7964343621395 V2=-10.9547453243011 V3=0 T=0 M2=0 M3=24.6441999727417 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-14.7964343621395 V2=2.63900467569889 V3=0 T=0 M2=0 M3=26.2034013443546 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR085 CaseType=Combination P=-22.7825439986307 V2=-14.4970252585018 V3=0 T=0 M2=0 M3=22.4848427031718 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-22.7825439986307 V2=-0.903275258501787 V3=0 T=0 M2=0 M3=25.37239905011 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR086 CaseType=Combination P=-3.68519406095132 V2=-14.4970252585037 V3=0 T=0 M2=0 M3=26.9016024190043 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-3.68519406095132 V2=-0.903275258503675 V3=0 T=0 M2=0 M3=29.7891587659431 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR087 CaseType=Combination P=-7.60359277512619 V2=-30.2470252585037 V3=0 T=0 M2=0 M3=54.6108243897965 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-7.60359277512619 V2=-0.903275258503675 V3=0 T=0 M2=0 M3=60.4515057367354 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR088 CaseType=Combination P=-15.5897024100457 V2=-26.7047453243019 V3=0 T=0 M2=0 M3=55.1081770708833 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-15.5897024100457 V2=2.63900467569814 V3=0 T=0 M2=0 M3=59.6205034424965 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR089 CaseType=Combination P=-23.5758120465369 V2=-30.2470252585025 V3=0 T=0 M2=0 M3=52.9488198013134 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-23.5758120465369 V2=-0.903275258502538 V3=0 T=0 M2=0 M3=58.7895011482518 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR090 CaseType=Combination P=-11.6713036958709 V2=-10.9547453243019 V3=0 T=0 M2=0 M3=27.398955100091 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-11.6713036958709 V2=2.63900467569814 V3=0 T=0 M2=0 M3=28.9581564717042 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR091 CaseType=Combination P=-19.657413332362 V2=-14.4970252585025 V3=0 T=0 M2=0 M3=25.2395978305212 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-19.657413332362 V2=-0.903275258502538 V3=0 T=0 M2=0 M3=28.1271541774596 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR092 CaseType=Combination P=-3.63206683962479 V2=-14.4970252585037 V3=0 T=0 M2=0 M3=26.948432561692 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-3.63206683962479 V2=-0.903275258503709 V3=0 T=0 M2=0 M3=29.8359896031081 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR093 CaseType=Combination P=-7.55046555379966 V2=-30.2470252585037 V3=0 T=0 M2=0 M3=54.6576552269614 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-7.55046555379966 V2=-0.903275258503709 V3=0 T=0 M2=0 M3=60.4983365739003 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR094 CaseType=Combination P=-15.5365751887192 V2=-26.7047453243019 V3=0 T=0 M2=0 M3=55.1550079080482 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-15.5365751887192 V2=2.63900467569811 V3=0 T=0 M2=0 M3=59.6673342796614 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR095 CaseType=Combination P=-23.5226848252104 V2=-30.2470252585026 V3=0 T=0 M2=0 M3=52.9956506384783 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-23.5226848252104 V2=-0.903275258502572 V3=0 T=0 M2=0 M3=58.8363319854168 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR096 CaseType=Combination P=-11.6181764745444 V2=-10.9547453243019 V3=0 T=0 M2=0 M3=27.445785937256 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-11.6181764745444 V2=2.63900467569811 V3=0 T=0 M2=0 M3=29.0049873088692 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR097 CaseType=Combination P=-19.6042861110355 V2=-14.4970252585026 V3=0 T=0 M2=0 M3=25.2864286676861 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-19.6042861110355 V2=-0.903275258502572 V3=0 T=0 M2=0 M3=28.1739850146246 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR098 CaseType=Combination P=-7.5433886687707 V2=-12.6904747415558 V3=0 T=0 M2=0 M3=22.6236612842194 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-7.5433886687707 V2=0.903275258444182 V3=0 T=0 M2=0 M3=24.8337611873028 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR099 CaseType=Combination P=-12.3087944312186 V2=-34.0517848449453 V3=0 T=0 M2=0 M3=60.149403292831 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-12.3087944312186 V2=0.541965155054686 V3=0 T=0 M2=0 M3=66.4324944846855 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR100 CaseType=Combination P=-22.0448401232764 V2=-29.7232291461887 V3=0 T=0 M2=0 M3=60.7679663962308 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-22.0448401232764 V2=4.87052085381133 V3=0 T=0 M2=0 M3=65.4278492010516 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR101 CaseType=Combination P=-31.7808858171969 V2=-34.0517848449442 V3=0 T=0 M2=0 M3=58.1401127255564 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-31.7808858171969 V2=0.541965155055823 V3=0 T=0 M2=0 M3=64.4232039174105 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR102 CaseType=Combination P=-16.8203085043766 V2=-8.72322914618867 V3=0 T=0 M2=0 M3=23.8223371018412 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-16.8203085043766 V2=4.87052085381133 V3=0 T=0 M2=0 M3=24.544719906662 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR103 CaseType=Combination P=-26.5563541982971 V2=-13.0517848449442 V3=0 T=0 M2=0 M3=21.1944834311668 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-26.5563541982971 V2=0.541965155055823 V3=0 T=0 M2=0 M3=23.5400746230208 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR104 CaseType=Combination P=-16.9262711611804 V2=-20.2946199548655 V3=0 T=0 M2=0 M3=53.272180508782 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-18.9887711611804 V2=9.04913004513451 V3=0 T=0 M2=0 M3=55.3807098668566 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR105 CaseType=Combination P=-11.4617873810519 V2=-28.4404747415558 V3=0 T=0 M2=0 M3=50.3328832550116 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-11.4617873810519 V2=0.903275258444182 V3=0 T=0 M2=0 M3=55.496108158095 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR106 CaseType=Combination P=-19.4478970159715 V2=-24.898194807354 V3=0 T=0 M2=0 M3=50.8302359360984 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-19.4478970159715 V2=4.445555192646 V3=0 T=0 M2=0 M3=54.6651058638561 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR107 CaseType=Combination P=-27.4340066524627 V2=-28.4404747415547 V3=0 T=0 M2=0 M3=48.6708786665285 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-27.4340066524627 V2=0.903275258445319 V3=0 T=0 M2=0 M3=53.8341035696115 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR108 CaseType=Combination P=-15.5294983017966 V2=-9.148194807354 V3=0 T=0 M2=0 M3=23.1210139653062 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-15.5294983017966 V2=4.445555192646 V3=0 T=0 M2=0 M3=24.0027588930639 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR109 CaseType=Combination P=-23.5156079382878 V2=-12.6904747415547 V3=0 T=0 M2=0 M3=20.9616566957363 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-23.5156079382878 V2=0.903275258445319 V3=0 T=0 M2=0 M3=23.1717565988193 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR110 CaseType=Combination P=-9.10595400001137 V2=-12.6904747415554 V3=0 T=0 M2=0 M3=21.2462837205447 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-9.10595400001137 V2=0.903275258444557 V3=0 T=0 M2=0 M3=23.456383623628 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR111 CaseType=Combination P=-13.0243527141862 V2=-28.4404747415554 V3=0 T=0 M2=0 M3=48.9555056913369 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-13.0243527141862 V2=0.903275258444557 V3=0 T=0 M2=0 M3=54.1187305944202 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR112 CaseType=Combination P=-21.0104623491058 V2=-24.8981948073536 V3=0 T=0 M2=0 M3=49.4528583724237 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-21.0104623491058 V2=4.44555519264637 V3=0 T=0 M2=0 M3=53.2877283001813 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR113 CaseType=Combination P=-28.996571985597 V2=-28.4404747415543 V3=0 T=0 M2=0 M3=47.2935011028538 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-28.996571985597 V2=0.903275258445694 V3=0 T=0 M2=0 M3=52.4567260059367 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR114 CaseType=Combination P=-17.0920636349309 V2=-9.14819480735363 V3=0 T=0 M2=0 M3=21.7436364016315 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-17.0920636349309 V2=4.44555519264637 V3=0 T=0 M2=0 M3=22.6253813293891 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR115 CaseType=Combination P=-25.0781732714221 V2=-12.6904747415543 V3=0 T=0 M2=0 M3=19.5842791320616 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-25.0781732714221 V2=0.903275258445694 V3=0 T=0 M2=0 M3=21.7943790351445 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR116 CaseType=Combination P=-5.9808233374277 V2=-12.6904747415562 V3=0 T=0 M2=0 M3=24.0010388478941 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-5.9808233374277 V2=0.903275258443807 V3=0 T=0 M2=0 M3=26.2111387509777 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR117 CaseType=Combination P=-9.89922204791763 V2=-28.4404747415562 V3=0 T=0 M2=0 M3=51.7102608186863 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-9.89922204791763 V2=0.903275258443807 V3=0 T=0 M2=0 M3=56.8734857217699 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR118 CaseType=Combination P=-17.8853316828372 V2=-24.8981948073544 V3=0 T=0 M2=0 M3=52.2076134997731 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-17.8853316828372 V2=4.44555519264562 V3=0 T=0 M2=0 M3=56.042483427531 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR119 CaseType=Combination P=-25.8714413193284 V2=-28.4404747415551 V3=0 T=0 M2=0 M3=50.0482562302032 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-25.8714413193284 V2=0.903275258444944 V3=0 T=0 M2=0 M3=55.2114811332864 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR120 CaseType=Combination P=-13.9669329686623 V2=-9.14819480735438 V3=0 T=0 M2=0 M3=24.4983915289809 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-13.9669329686623 V2=4.44555519264562 V3=0 T=0 M2=0 M3=25.3801364567388 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR121 CaseType=Combination P=-21.9530426051535 V2=-12.6904747415551 V3=0 T=0 M2=0 M3=22.339034259411 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-21.9530426051535 V2=0.903275258444944 V3=0 T=0 M2=0 M3=24.5491341624941 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR122 CaseType=Combination P=-5.92769611241624 V2=-12.6904747415562 V3=0 T=0 M2=0 M3=24.047869685059 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-5.92769611241624 V2=0.903275258443773 V3=0 T=0 M2=0 M3=26.2579695881426 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR123 CaseType=Combination P=-9.8460948265911 V2=-28.4404747415562 V3=0 T=0 M2=0 M3=51.7570916558512 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-9.8460948265911 V2=0.903275258443773 V3=0 T=0 M2=0 M3=56.9203165589348 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR124 CaseType=Combination P=-17.8322044615107 V2=-24.8981948073544 V3=0 T=0 M2=0 M3=52.25444336938 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-17.8322044615107 V2=4.44555519264559 V3=0 T=0 M2=0 M3=56.0893142646959 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR125 CaseType=Combination P=-25.8183140980018 V2=-28.4404747415551 V3=0 T=0 M2=0 M3=50.0958070673682 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-25.8183140980018 V2=0.90327525844491 V3=0 T=0 M2=0 M3=55.2583119704513 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR126 CaseType=Combination P=-13.9138057473358 V2=-9.14819480735441 V3=0 T=0 M2=0 M3=24.5452223661458 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-13.9138057473358 V2=4.44555519264559 V3=0 T=0 M2=0 M3=25.4269672939037 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR127 CaseType=Combination P=-21.899915383827 V2=-12.6904747415551 V3=0 T=0 M2=0 M3=22.3858650965759 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-21.899915383827 V2=0.90327525844491 V3=0 T=0 M2=0 M3=24.5959649996591 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR128 CaseType=Combination P=-3.70275310637996 V2=-13.5937500000302 V3=0 T=0 M2=0 M3=26.4476237378405 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-3.70275310637996 V2=3.02406988339499E-11 V3=0 T=0 M2=0 M3=28.9964518628519 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.0044130949203 V2=-34.593750000003 V3=0 T=0 M2=0 M3=62.4437807650037 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.0044130949203 V2=-2.9967850423418E-11 V3=0 T=0 M2=0 M3=68.930108890015 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR130 CaseType=Combination P=-19.7404587869782 V2=-30.2651943012733 V3=0 T=0 M2=0 M3=63.0623438684035 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-19.7404587869782 V2=4.32855569872668 V3=0 T=0 M2=0 M3=67.925463606381 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR131 CaseType=Combination P=-29.4765044808986 V2=-34.5937500000288 V3=0 T=0 M2=0 M3=60.4344901977291 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-29.4765044808986 V2=-2.88309820462018E-11 V3=0 T=0 M2=0 M3=66.9208183227399 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR132 CaseType=Combination P=-14.5159271680783 V2=-9.26519430127332 V3=0 T=0 M2=0 M3=26.1167145740139 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-14.5159271680783 V2=4.32855569872668 V3=0 T=0 M2=0 M3=27.0423343119914 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=RAR133 CaseType=Combination P=-24.2519728619988 V2=-13.5937500000288 V3=0 T=0 M2=0 M3=23.4888609033395 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-24.2519728619988 V2=-2.88309820462018E-11 V3=0 T=0 M2=0 M3=26.0376890283503 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR134 CaseType=Combination P=-14.6218898248821 V2=-20.8365851099501 V3=0 T=0 M2=0 M3=55.5665579809547 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-16.6843898248821 V2=-8.50716489004985 V3=0 T=0 M2=0 M3=57.878324272186 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR135 CaseType=Combination P=-7.62115182055483 V2=-29.3437500000302 V3=0 T=0 M2=0 M3=54.1568457086327 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-7.62115182055483 V2=-3.02406988339499E-11 V3=0 T=0 M2=0 M3=59.6587988336441 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR136 CaseType=Combination P=-15.6072614554744 V2=-25.8014700658284 V3=0 T=0 M2=0 M3=54.6541983897195 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-15.6072614554744 V2=-3.54227993417157 V3=0 T=0 M2=0 M3=58.8277965394052 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR137 CaseType=Combination P=-23.5933710919655 V2=-29.3437500000291 V3=0 T=0 M2=0 M3=52.4948411201497 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-23.5933710919655 V2=-2.91038304567337E-11 V3=0 T=0 M2=0 M3=57.9967942451606 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR138 CaseType=Combination P=-11.6888627412995 V2=-10.0514700658284 V3=0 T=0 M2=0 M3=26.9449764189273 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-11.6888627412995 V2=-3.54227993417157 V3=0 T=0 M2=0 M3=28.165449568613 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR139 CaseType=Combination P=-19.6749723777907 V2=-13.5937500000291 V3=0 T=0 M2=0 M3=24.7856191493575 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-19.6749723777907 V2=-2.91038304567337E-11 V3=0 T=0 M2=0 M3=27.3344472743684 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR140 CaseType=Combination P=-5.26531843951427 V2=-13.5937500000299 V3=0 T=0 M2=0 M3=25.0702461741658 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-5.26531843951427 V2=-2.98655322694685E-11 V3=0 T=0 M2=0 M3=27.619074299177 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR141 CaseType=Combination P=-9.18371715368913 V2=-29.3437500000299 V3=0 T=0 M2=0 M3=52.7794681449581 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-9.18371715368913 V2=-2.98655322694685E-11 V3=0 T=0 M2=0 M3=58.2814212699693 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR142 CaseType=Combination P=-17.1698267886087 V2=-25.8014700658284 V3=0 T=0 M2=0 M3=53.2768208260448 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-17.1698267886087 V2=-3.54227993417195 V3=0 T=0 M2=0 M3=57.4504189757304 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR143 CaseType=Combination P=-25.1559364250998 V2=-29.3437500000287 V3=0 T=0 M2=0 M3=51.117463556475 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-25.1559364250998 V2=-2.87286638922524E-11 V3=0 T=0 M2=0 M3=56.6194166814858 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR144 CaseType=Combination P=-13.2514280744338 V2=-10.0514700658281 V3=0 T=0 M2=0 M3=25.5675988552526 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-13.2514280744338 V2=-3.54227993417195 V3=0 T=0 M2=0 M3=26.7880720049382 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR145 CaseType=Combination P=-21.237537710925 V2=-13.5937500000287 V3=0 T=0 M2=0 M3=23.4082415856828 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-21.237537710925 V2=-2.87286638922524E-11 V3=0 T=0 M2=0 M3=25.9570697106935 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR146 CaseType=Combination P=-2.14018777324566 V2=-13.5937500000306 V3=0 T=0 M2=0 M3=27.8250013015152 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-2.14018777324566 V2=-3.06158653984312E-11 V3=0 T=0 M2=0 M3=30.3738294265267 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR147 CaseType=Combination P=-6.05858648742052 V2=-29.3437500000306 V3=0 T=0 M2=0 M3=55.5342232723074 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-6.05858648742052 V2=-3.06158653984312E-11 V3=0 T=0 M2=0 M3=61.0361763973189 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR148 CaseType=Combination P=-14.0446961223401 V2=-25.8014700658288 V3=0 T=0 M2=0 M3=56.0315759533942 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-14.0446961223401 V2=-3.5422799341712 V3=0 T=0 M2=0 M3=60.20517410308 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR149 CaseType=Combination P=-22.0308057588312 V2=-29.3437500000295 V3=0 T=0 M2=0 M3=53.8722186838244 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-22.0308057588312 V2=-2.9478997021215E-11 V3=0 T=0 M2=0 M3=59.3741718088354 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR150 CaseType=Combination P=-10.1262974081652 V2=-10.0514700658288 V3=0 T=0 M2=0 M3=28.322353982602 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-10.1262974081652 V2=-3.5422799341712 V3=0 T=0 M2=0 M3=29.5428271322878 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR151 CaseType=Combination P=-18.1124070446564 V2=-13.5937500000295 V3=0 T=0 M2=0 M3=26.1629967130321 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-18.1124070446564 V2=-2.9478997021215E-11 V3=0 T=0 M2=0 M3=28.7118248380432 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR152 CaseType=Combination P=-3.01406432454253 V2=-14.1357151551145 V3=0 T=0 M2=0 M3=27.3177928091736 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-3.01406432454253 V2=-0.541965155114485 V3=0 T=0 M2=0 M3=30.0698578673415 FrameElem=30-1 ElemStation=0.375

Società di Progetto  
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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=30 Station=0 OutputCase=RAR153 CaseType=Combination P=-6.93246303871739 V2=-29.8857151551145 V3=0 T=0 M2=0 M3=55.0270147799658 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-6.93246303871739 V2=-0.541965155114485 V3=0 T=0 M2=0 M3=60.7322048381337 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR154 CaseType=Combination P=-14.9185726736369 V2=-26.3434352209127 V3=0 T=0 M2=0 M3=55.5243674610526 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-14.9185726736369 V2=3.00031477908733 V3=0 T=0 M2=0 M3=59.9012025438948 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR155 CaseType=Combination P=-22.9046823101281 V2=-29.8857151551133 V3=0 T=0 M2=0 M3=53.3650101914827 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-22.9046823101281 V2=-0.541965155113348 V3=0 T=0 M2=0 M3=59.0702002496502 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR156 CaseType=Combination P=-11.0001739594621 V2=-10.5934352209127 V3=0 T=0 M2=0 M3=27.8151454902604 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-11.0001739594621 V2=3.00031477908733 V3=0 T=0 M2=0 M3=29.2388555731026 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR157 CaseType=Combination P=-18.9862835959533 V2=-14.1357151551133 V3=0 T=0 M2=0 M3=25.6557882206905 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-18.9862835959533 V2=-0.541965155113348 V3=0 T=0 M2=0 M3=28.407853278858 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR158 CaseType=Combination P=-4.3914418882174 V2=-13.051784844946 V3=0 T=0 M2=0 M3=25.5774546665075 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-4.3914418882174 V2=0.541965155054004 V3=0 T=0 M2=0 M3=27.9230458583622 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR159 CaseType=Combination P=-8.30984060239226 V2=-28.801784844946 V3=0 T=0 M2=0 M3=53.2866766372997 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-8.30984060239226 V2=0.541965155054004 V3=0 T=0 M2=0 M3=58.5853928291544 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR160 CaseType=Combination P=-16.2959502373118 V2=-25.2595049107442 V3=0 T=0 M2=0 M3=53.7840293183865 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-16.2959502373118 V2=4.08424508925582 V3=0 T=0 M2=0 M3=57.7543905349155 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR161 CaseType=Combination P=-24.282059873803 V2=-28.801784844949 V3=0 T=0 M2=0 M3=51.6246720488166 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-24.282059873803 V2=0.541965155055141 V3=0 T=0 M2=0 M3=56.9233882406709 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR162 CaseType=Combination P=-12.377551523137 V2=-9.50950491074418 V3=0 T=0 M2=0 M3=26.0748073475943 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-12.377551523137 V2=4.08424508925582 V3=0 T=0 M2=0 M3=27.0920435641233 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=RAR163 CaseType=Combination P=-20.3636611596281 V2=-13.051784844949 V3=0 T=0 M2=0 M3=23.9154500780244 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-20.3636611596281 V2=0.541965155055141 V3=0 T=0 M2=0 M3=26.2610412698787 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777324566 V2=-8.72322914618867 V3=0 T=0 M2=0 M3=63.0623438684035 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777324566 V2=9.04913004513451 V3=0 T=0 M2=0 M3=68.930108890015 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623684937 V2=-35.1357151551138 V3=0 T=0 M2=0 M3=19.2461401371672 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623684937 V2=-0.903275258503709 V3=0 T=0 M2=0 M3=21.591731329021 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE01 CaseType=Combination P=-11.8681769581894 V2=-13.5937500000284 V3=0 T=0 M2=0 M3=23.4537964176661 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-11.8681769581894 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=26.0026245426768 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.3139727446562 V2=-29.3437500000296 V3=0 T=0 M2=0 M3=51.7831650405667 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.3139727446562 V2=-2.95585778076202E-11 V3=0 T=0 M2=0 M3=57.2851181655778 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.3000823795758 V2=-25.8014700658277 V3=0 T=0 M2=0 M3=52.2805177216535 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.3000823795758 V2=3.54227993417226 V3=0 T=0 M2=0 M3=56.4541158713389 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.2861920160669 V2=-29.3437500000284 V3=0 T=0 M2=0 M3=50.1211604520836 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.2861920160669 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=55.6231135770943 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE05 CaseType=Combination P=-14.3816836654009 V2=-10.0514700658277 V3=0 T=0 M2=0 M3=24.5712957508613 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-14.3816836654009 V2=3.54227993417226 V3=0 T=0 M2=0 M3=25.7917689005467 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE06 CaseType=Combination P=-22.3677933018921 V2=-13.5937500000284 V3=0 T=0 M2=0 M3=22.4119384812914 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-22.3677933018921 V2=-2.8421709430404E-11 V3=0 T=0 M2=0 M3=24.960766603021 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE07 CaseType=Combination P=-7.95813936361565 V2=-13.5937500000292 V3=0 T=0 M2=0 M3=22.6965655060998 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-7.95813936361565 V2=-2.91834112431388E-11 V3=0 T=0 M2=0 M3=25.2453936311107 FrameElem=30-1 ElemStation=0.375

PROGETTO SDR  
Società di Progetto  
Brebemi SpA





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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

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Frame=30 Station=0 OutputCase=FRE08 CaseType=Combination P=-11.6161105222681 V2=-29.3437500000292 V3=0 T=0 M2=0 M3=50.6353504041711 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-11.6161105222681 V2=-2.92459390038857E-11 V3=0 T=0 M2=0 M3=56.1373035291821 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE09 CaseType=Combination P=-19.6022201571877 V2=-25.8014700658274 V3=0 T=0 M2=0 M3=51.1327030852579 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-19.6022201571877 V2=3.54227993417257 V3=0 T=0 M2=0 M3=55.3063012349432 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE10 CaseType=Combination P=-27.5883297936789 V2=-29.3437500000281 V3=0 T=0 M2=0 M3=48.973345815688 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-27.5883297936789 V2=-2.81090706266696E-11 V3=0 T=0 M2=0 M3=54.4752989406986 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE11 CaseType=Combination P=-15.6838214430128 V2=-10.0514700658274 V3=0 T=0 M2=0 M3=23.4234811144657 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-15.6838214430128 V2=3.54227993417257 V3=0 T=0 M2=0 M3=24.643954264151 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE12 CaseType=Combination P=-23.669931079504 V2=-13.5937500000281 V3=0 T=0 M2=0 M3=21.2641238448958 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-23.669931079504 V2=-2.81090706266696E-11 V3=0 T=0 M2=0 M3=23.8129519699064 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE13 CaseType=Combination P=-7.38423204541779 V2=-14.0453876292661 V3=0 T=0 M2=0 M3=23.4217063988773 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-7.38423204541779 V2=-0.451637629266054 V3=0 T=0 M2=0 M3=26.1398986348521 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE14 CaseType=Combination P=-8.53204668181351 V2=-13.1421123707923 V3=0 T=0 M2=0 M3=21.9714246133222 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-8.53204668181351 V2=0.451637629207687 V3=0 T=0 M2=0 M3=24.3508886273694 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE15 CaseType=Combination P=-6.61172890156496 V2=-13.5937500000295 V3=0 T=0 M2=0 M3=23.8834058401328 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-6.61172890156496 V2=-2.95244717563037E-11 V3=0 T=0 M2=0 M3=26.4322339651439 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE16 CaseType=Combination P=-4.83300869734705 V2=-13.5937500000299 V3=0 T=0 M2=0 M3=25.4513206334492 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-4.83300869734705 V2=-2.99337443721015E-11 V3=0 T=0 M2=0 M3=28.0001487584604 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE17 CaseType=Combination P=-9.01183496704429 V2=-29.3437500000299 V3=0 T=0 M2=0 M3=52.9309796769623 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-9.01183496704429 V2=-2.98712166113546E-11 V3=0 T=0 M2=0 M3=58.4329328019735 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE18 CaseType=Combination P=-16.9979446019639 V2=-25.8014700658281 V3=0 T=0 M2=0 M3=53.428323580491 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-16.9979446019639 V2=3.54227993417194 V3=0 T=0 M2=0 M3=57.6019305077346 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE19 CaseType=Combination P=-24.984054238455 V2=-29.3437500000287 V3=0 T=0 M2=0 M3=51.2689750884792 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-24.984054238455 V2=-2.87343482341385E-11 V3=0 T=0 M2=0 M3=56.77092821349 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE20 CaseType=Combination P=-13.079545887789 V2=-10.0514700658281 V3=0 T=0 M2=0 M3=25.7191103872568 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-13.079545887789 V2=3.54227993417194 V3=0 T=0 M2=0 M3=26.9395835369424 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE21 CaseType=Combination P=-21.065655242802 V2=-13.5937500000287 V3=0 T=0 M2=0 M3=23.559753117687 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-21.065655242802 V2=-2.87343482341385E-11 V3=0 T=0 M2=0 M3=26.1085812426978 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE22 CaseType=Combination P=-4.25910137914918 V2=-14.0453876292668 V3=0 T=0 M2=0 M3=26.1764615262267 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-4.25910137914918 V2=0.451637629266804 V3=0 T=0 M2=0 M3=28.8946537622018 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE23 CaseType=Combination P=-5.40691601554491 V2=-13.1421123707931 V3=0 T=0 M2=0 M3=24.7261797406716 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-5.40691601554491 V2=0.451637629206937 V3=0 T=0 M2=0 M3=27.105643754719 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE24 CaseType=Combination P=-3.48659823529635 V2=-13.5937500000303 V3=0 T=0 M2=0 M3=26.6381609674822 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-3.48659823529635 V2=-3.02748048852664E-11 V3=0 T=0 M2=0 M3=29.1869890924935 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE25 CaseType=Combination P=-5.70688524864392 V2=-14.1357151551138 V3=0 T=0 M2=0 M3=24.9441121411075 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-5.70688524864392 V2=-0.541965155113803 V3=0 T=0 M2=0 M3=27.6961771992752 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE26 CaseType=Combination P=-9.74006542645835 V2=-29.7953876292664 V3=0 T=0 M2=0 M3=52.5083059333442 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-9.74006542645835 V2=-0.451637629266429 V3=0 T=0 M2=0 M3=58.1796231693192 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE27 CaseType=Combination P=-17.7261750613779 V2=-26.2531076950646 V3=0 T=0 M2=0 M3=53.005658614431 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-17.7261750613779 V2=3.09064230493539 V3=0 T=0 M2=0 M3=57.3486208750803 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=FRE28 CaseType=Combination P=-25.7122846978691 V2=-29.7953876292653 V3=0 T=0 M2=0 M3=50.8463013448612 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-25.7122846978691 V2=-0.451637629265292 V3=0 T=0 M2=0 M3=56.5176185808356 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE29 CaseType=Combination P=-13.807776347203 V2=-10.5031076950646 V3=0 T=0 M2=0 M3=25.2964366436388 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-13.807776347203 V2=3.09064230493539 V3=0 T=0 M2=0 M3=26.686273904288 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE30 CaseType=Combination P=-21.7938859836942 V2=-14.0453876292653 V3=0 T=0 M2=0 M3=23.1370793740689 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-21.7938859836942 V2=-0.451637629265292 V3=0 T=0 M2=0 M3=25.8552716100434 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE31 CaseType=Combination P=-7.00902302625584 V2=-14.1357151551135 V3=0 T=0 M2=0 M3=23.796297504712 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-7.00902302625584 V2=-0.54196515511349 V3=0 T=0 M2=0 M3=26.5483625628795 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE32 CaseType=Combination P=-4.404747471032 V2=-14.1357151551141 V3=0 T=0 M2=0 M3=26.0919267775031 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-4.404747471032 V2=-0.541965155114116 V3=0 T=0 M2=0 M3=28.8439918356709 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE33 CaseType=Combination P=-4.36047478659322 V2=-14.1357151551141 V3=0 T=0 M2=0 M3=26.1309524751406 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-4.36047478659322 V2=-0.541965155114144 V3=0 T=0 M2=0 M3=28.8830175333084 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE34 CaseType=Combination P=-7.08426281231878 V2=-13.0517848449453 V3=0 T=0 M2=0 M3=23.2037739984414 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-7.08426281231878 V2=-0.541965155054686 V3=0 T=0 M2=0 M3=25.5493651902959 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE35 CaseType=Combination P=-10.8878800628541 V2=-28.8921123707927 V3=0 T=0 M2=0 M3=51.0580241477891 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-10.8878800628541 V2=0.451637629207312 V3=0 T=0 M2=0 M3=56.3906131618364 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.8739896977736 V2=-25.3498324365909 V3=0 T=0 M2=0 M3=51.5553768288759 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.8739896977736 V2=3.99391756340913 V3=0 T=0 M2=0 M3=55.5596108675975 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.8600993342648 V2=-28.8921123707916 V3=0 T=0 M2=0 M3=49.3960195593061 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.8600993342648 V2=0.451637629208449 V3=0 T=0 M2=0 M3=54.7286085733529 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE38 CaseType=Combination P=-14.9555909835988 V2=-9.59983243659087 V3=0 T=0 M2=0 M3=23.8461548580837 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-14.9555909835988 V2=3.99391756340913 V3=0 T=0 M2=0 M3=24.8972638968053 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE39 CaseType=Combination P=-22.9417006200899 V2=-13.1421123707916 V3=0 T=0 M2=0 M3=21.6867975885139 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-22.9417006200899 V2=0.451637629208449 V3=0 T=0 M2=0 M3=24.0662616025607 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE40 CaseType=Combination P=-8.3864005899307 V2=-13.051784844945 V3=0 T=0 M2=0 M3=22.0559593620459 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE40 CaseType=Combination P=-8.3864005899307 V2=-0.541965155054999 V3=0 T=0 M2=0 M3=24.4015505539002 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE41 CaseType=Combination P=-5.78212503470686 V2=-13.0517848449456 V3=0 T=0 M2=0 M3=24.351588634837 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-5.78212503470686 V2=0.541965155054373 V3=0 T=0 M2=0 M3=26.6971798266916 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE42 CaseType=Combination P=-5.73785235026809 V2=-13.0517848449457 V3=0 T=0 M2=0 M3=24.3906143324744 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-5.73785235026809 V2=0.541965155054345 V3=0 T=0 M2=0 M3=26.7362055243291 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE43 CaseType=Combination P=-4.77988147602052 V2=-13.59375000003 V3=0 T=0 M2=0 M3=25.4981514706141 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-4.77988147602052 V2=-2.9967850423418E-11 V3=0 T=0 M2=0 M3=28.0469795956253 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE44 CaseType=Combination P=-8.96756228260552 V2=-29.3437500000299 V3=0 T=0 M2=0 M3=52.9700053745997 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-8.96756228260552 V2=-2.9899638320785E-11 V3=0 T=0 M2=0 M3=58.4719584996109 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE45 CaseType=Combination P=-16.9536719175251 V2=-25.8014700658281 V3=0 T=0 M2=0 M3=53.4673580556865 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-16.9536719175251 V2=3.54227993417192 V3=0 T=0 M2=0 M3=57.640956205372 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE46 CaseType=Combination P=-24.9397815540162 V2=-29.3437500000288 V3=0 T=0 M2=0 M3=51.3080007861166 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-24.9397815540162 V2=-2.87627699435689E-11 V3=0 T=0 M2=0 M3=56.8099539111274 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE47 CaseType=Combination P=-13.0352732033502 V2=-10.0514700658281 V3=0 T=0 M2=0 M3=25.7581360848943 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-13.0352732033502 V2=3.54227993417192 V3=0 T=0 M2=0 M3=26.9786092345798 FrameElem=30-1 ElemStation=0.375

PROVATO S.D.P.

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Frame=30 Station=0 OutputCase=FRE48 CaseType=Combination P=-21.0213828398414 V2=-13.5937500000288 V3=0 T=0 M2=0 M3=23.5987788153244 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-21.0213828398414 V2=-2.87627699435689E-11 V3=0 T=0 M2=0 M3=26.1476069403352 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE49 CaseType=Combination P=-3.4777436984086 V2=-13.5937500000303 V3=0 T=0 M2=0 M3=26.6459661070097 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-3.4777436984086 V2=-3.02804892271524E-11 V3=0 T=0 M2=0 M3=29.194794232021 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE50 CaseType=Combination P=-4.20597415782266 V2=-14.0453876292668 V3=0 T=0 M2=0 M3=26.2232923633917 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-4.20597415782266 V2=-0.451637629266838 V3=0 T=0 M2=0 M3=28.9414845993667 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=FRE51 CaseType=Combination P=-5.35378879421838 V2=-13.1421123707931 V3=0 T=0 M2=0 M3=24.7730105778366 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-5.35378879421838 V2=0.451637629206903 V3=0 T=0 M2=0 M3=27.152474591884 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.4777436984086 V2=-9.59983243659087 V3=0 T=0 M2=0 M3=53.4673580556865 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.4777436984086 V2=-3.99391756340913 V3=0 T=0 M2=0 M3=58.4719584996109 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297936789 V2=-29.7953876292664 V3=0 T=0 M2=0 M3=21.2641238448958 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297936789 V2=-0.541965155114144 V3=0 T=0 M2=0 M3=23.8129519699064 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE01 CaseType=Combination P=-9.13187549468463 V2=-14.7772026405657 V3=0 T=0 M2=0 M3=23.3200750035183 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE01 CaseType=Combination P=-9.13187549468463 V2=-1.18345264056575 V3=0 T=0 M2=0 M3=26.3126978687305 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE02 CaseType=Combination P=-10.4340132722965 V2=-14.7772026405654 V3=0 T=0 M2=0 M3=22.1722603671228 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE02 CaseType=Combination P=-10.4340132722965 V2=-1.18345264056543 V3=0 T=0 M2=0 M3=25.1648832323348 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE03 CaseType=Combination P=-7.82973771707271 V2=-14.7772026405661 V3=0 T=0 M2=0 M3=24.4678896399139 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE03 CaseType=Combination P=-7.82973771707271 V2=-1.18345264056606 V3=0 T=0 M2=0 M3=27.4605125051262 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE04 CaseType=Combination P=-8.55796817648677 V2=-15.2288402698026 V3=0 T=0 M2=0 M3=24.0452158962959 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-8.55796817648677 V2=-1.63509026980262 V3=0 T=0 M2=0 M3=27.2072028724719 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE05 CaseType=Combination P=-9.70578281288249 V2=-14.3255650113289 V3=0 T=0 M2=0 M3=22.5949341107408 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-9.70578281288249 V2=-0.731815011328877 V3=0 T=0 M2=0 M3=25.4181928649891 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE06 CaseType=Combination P=-7.78546503263394 V2=-14.7772026405661 V3=0 T=0 M2=0 M3=24.5069153375514 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-7.78546503263394 V2=-1.18345264056609 V3=0 T=0 M2=0 M3=27.4995382027636 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE07 CaseType=Combination P=-9.86010595409869 V2=-15.2288402698023 V3=0 T=0 M2=0 M3=22.8974012599003 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-9.86010595409869 V2=-1.6350902698023 V3=0 T=0 M2=0 M3=26.0593882360762 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE08 CaseType=Combination P=-11.0079205904944 V2=-14.3255650113286 V3=0 T=0 M2=0 M3=21.4471194743452 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-11.0079205904944 V2=-0.731815011328564 V3=0 T=0 M2=0 M3=24.2703782285934 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE09 CaseType=Combination P=-9.08760281024585 V2=-14.7772026405658 V3=0 T=0 M2=0 M3=23.3591007011558 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-9.08760281024585 V2=-1.18345264056578 V3=0 T=0 M2=0 M3=26.351723566368 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE10 CaseType=Combination P=-9.13187549398614 V2=-12.4102973594922 V3=0 T=0 M2=0 M3=24.2076644839223 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-9.13187549398614 V2=1.18345264050777 V3=0 T=0 M2=0 M3=26.3126978687319 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE11 CaseType=Combination P=-10.4340132715981 V2=-12.4102973594919 V3=0 T=0 M2=0 M3=23.0598498475267 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-10.4340132715981 V2=1.18345264050808 V3=0 T=0 M2=0 M3=25.1648832323362 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE12 CaseType=Combination P=-7.82973771637422 V2=-12.4102973594925 V3=0 T=0 M2=0 M3=25.3554791203178 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-7.82973771637422 V2=-1.18345264050745 V3=0 T=0 M2=0 M3=27.4605125051276 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE13 CaseType=Combination P=-8.55796817578828 V2=-12.8619349887291 V3=0 T=0 M2=0 M3=24.9328053766998 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-8.55796817578828 V2=0.731815011270896 V3=0 T=0 M2=0 M3=27.2072028724732 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE14 CaseType=Combination P=-9.705782812184 V2=-11.9586597302554 V3=0 T=0 M2=0 M3=23.4825235911447 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-9.705782812184 V2=1.63509026974464 V3=0 T=0 M2=0 M3=25.4181928649905 FrameElem=30-1 ElemStation=0.375

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Frame=30 Station=0 OutputCase=QPE15 CaseType=Combination P=-7.78546503193544 V2=-12.4102973594926 V3=0 T=0 M2=0 M3=25.3945048179553 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-7.78546503193544 V2=1.18345264050743 V3=0 T=0 M2=0 M3=27.499538202765 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE16 CaseType=Combination P=-9.8601059534002 V2=-12.8619349887288 V3=0 T=0 M2=0 M3=23.7849907403042 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-9.8601059534002 V2=0.731815011271209 V3=0 T=0 M2=0 M3=26.0593882360775 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE17 CaseType=Combination P=-11.0079205897959 V2=-11.9586597302551 V3=0 T=0 M2=0 M3=22.3347089547492 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-11.0079205897959 V2=1.63509026974495 V3=0 T=0 M2=0 M3=24.2703782285948 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=QPE18 CaseType=Combination P=-9.08760280954736 V2=-12.4102973594923 V3=0 T=0 M2=0 M3=24.2466901815597 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-9.08760280954736 V2=1.18345264050774 V3=0 T=0 M2=0 M3=26.3517235663693 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503193544 V2=-11.9586597302551 V3=0 T=0 M2=0 M3=25.3945048179553 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503193544 V2=1.63509026974495 V3=0 T=0 M2=0 M3=27.499538202765 FrameElem=30-1 ElemStation=0.375  
Frame=30 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205904944 V2=-15.2288402698026 V3=0 T=0 M2=0 M3=21.4471194743452 FrameElem=30-1 ElemStation=0  
Frame=30 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205904944 V2=-1.63509026980262 V3=0 T=0 M2=0 M3=24.2703782285934 FrameElem=30-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR001 CaseType=Combination P=-16.0220388940272 V2=1.99511518417239E-11 V3=0 T=0 M2=0 M3=35.103543132602 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR001 CaseType=Combination P=-16.0220388940272 V2=18.35156250002 V3=0 T=0 M2=0 M3=31.6626251638445 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR002 CaseType=Combination P=-5.41812231824426 V2=1.93041138629724E-11 V3=0 T=0 M2=0 M3=36.3051233614298 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR002 CaseType=Combination P=-5.41812231824426 V2=18.3515625000193 V3=0 T=0 M2=0 M3=32.8642053926725 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR003 CaseType=Combination P=-12.471240003759 V2=2.912665664212E-11 V3=0 T=0 M2=0 M3=91.4973479088656 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR003 CaseType=Combination P=-12.471240003759 V2=46.7015625000291 V3=0 T=0 M2=0 M3=82.7408049401047 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR004 CaseType=Combination P=-27.2228530002204 V2=6.53901378260676 V3=0 T=0 M2=0 M3=89.9588856517201 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR004 CaseType=Combination P=-27.2228530002204 V2=53.2405762826068 V3=0 T=0 M2=0 M3=78.7502125144926 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR005 CaseType=Combination P=-41.9744659985211 V2=3.03872482732004E-11 V3=0 T=0 M2=0 M3=88.4204233945628 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR005 CaseType=Combination P=-41.9744659985211 V2=46.7015625000304 V3=0 T=0 M2=0 M3=79.6638804258014 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR006 CaseType=Combination P=-21.1471870268845 V2=6.53901378259185 V3=0 T=0 M2=0 M3=25.084308937631 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR006 CaseType=Combination P=-21.1471870268845 V2=20.1327637825918 V3=0 T=0 M2=0 M3=20.0833506441591 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR007 CaseType=Combination P=-35.8988000251852 V2=1.54720680711762E-11 V3=0 T=0 M2=0 M3=23.5458466804737 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR007 CaseType=Combination P=-35.8988000251852 V2=13.593750000155 V3=0 T=0 M2=0 M3=20.9970185554679 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR008 CaseType=Combination P=-23.0971599009978 V2=12.1801361908938 V3=0 T=0 M2=0 M3=76.3952475505549 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR008 CaseType=Combination P=-23.0971599009978 V2=51.7941986908938 V3=0 T=0 M2=0 M3=64.4000597602197 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR009 CaseType=Combination P=-19.1471695602959 V2=2.07355910220031E-11 V3=0 T=0 M2=0 M3=32.3487880052523 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR009 CaseType=Combination P=-19.1471695602959 V2=18.3515625000207 V3=0 T=0 M2=0 M3=28.9078700364945 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR010 CaseType=Combination P=-8.54325298451296 V2=2.00885530432515E-11 V3=0 T=0 M2=0 M3=33.5503682340801 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR010 CaseType=Combination P=-8.54325298451296 V2=18.3515625000201 V3=0 T=0 M2=0 M3=30.1094502653225 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR011 CaseType=Combination P=-14.3463184035202 V2=2.95973201502875E-11 V3=0 T=0 M2=0 M3=89.8444948324558 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR011 CaseType=Combination P=-14.3463184035202 V2=46.7015625000296 V3=0 T=0 M2=0 M3=81.0879518636947 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR012 CaseType=Combination P=-29.0979313999816 V2=6.53901378260723 V3=0 T=0 M2=0 M3=88.3060325753103 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR012 CaseType=Combination P=-29.0979313999816 V2=53.2405762826072 V3=0 T=0 M2=0 M3=77.0973594380826 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR013 CaseType=Combination P=-43.8495443982823 V2=3.08579117813679E-11 V3=0 T=0 M2=0 M3=86.767570318153 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR013 CaseType=Combination P=-43.8495443982823 V2=46.7015625000309 V3=0 T=0 M2=0 M3=78.0110273493914 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR014 CaseType=Combination P=-23.0222654266457 V2=6.53901378259232 V3=0 T=0 M2=0 M3=23.4314558612212 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR014 CaseType=Combination P=-23.0222654266457 V2=20.1327637825923 V3=0 T=0 M2=0 M3=18.4304975677491 FrameElem=31-1 ElemStation=0.375

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3782004RCECOAIDA11000000100

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Frame=31 Station=0 OutputCase=STR015 CaseType=Combination P=-37.7738784249464 V2=1.59427315793437E-11 V3=0 T=0 M2=0 M3=21.8929936040639 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR015 CaseType=Combination P=-37.7738784249464 V2=13.5937500000159 V3=0 T=0 M2=0 M3=19.3441654790579 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR016 CaseType=Combination P=-24.972238300759 V2=12.1801361908943 V3=0 T=0 M2=0 M3=74.7423944741451 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR016 CaseType=Combination P=-27.756613300759 V2=51.7941986908943 V3=0 T=0 M2=0 M3=62.7472066838097 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR017 CaseType=Combination P=-13.833091248649 V2=2.74554601276122E-11 V3=0 T=0 M2=0 M3=74.9445366446569 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR017 CaseType=Combination P=-13.833091248649 V2=39.6140625000275 V3=0 T=0 M2=0 M3=67.516899258966 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR018 CaseType=Combination P=-26.2222905678951 V2=5.47754150045561 V3=0 T=0 M2=0 M3=73.6404924231948 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR018 CaseType=Combination P=-26.2222905678951 V2=45.0916040004556 V3=0 T=0 M2=0 M3=64.158776417739 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR019 CaseType=Combination P=-38.6114898886663 V2=2.85631074348203E-11 V3=0 T=0 M2=0 M3=72.3364482017229 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR019 CaseType=Combination P=-38.6114898886663 V2=39.6140625000286 V3=0 T=0 M2=0 M3=64.9088114829622 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR020 CaseType=Combination P=-21.909904015938 V2=5.47754150044315 V3=0 T=0 M2=0 M3=22.5639718459646 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR020 CaseType=Combination P=-21.909904015938 V2=19.0712915004432 V3=0 T=0 M2=0 M3=17.9610656582985 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR021 CaseType=Combination P=-34.2991033367091 V2=1.61032964740571E-11 V3=0 T=0 M2=0 M3=21.2599276244928 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR021 CaseType=Combination P=-34.2991033367091 V2=13.5937500000161 V3=0 T=0 M2=0 M3=18.7110994994868 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR022 CaseType=Combination P=-18.320743022091 V2=-0.650358186080358 V3=0 T=0 M2=0 M3=33.6368752106399 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR022 CaseType=Combination P=-18.320743022091 V2=17.7012043139196 V3=0 T=0 M2=0 M3=30.43984156167 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR023 CaseType=Combination P=-7.71682644630804 V2=-0.650358186081005 V3=0 T=0 M2=0 M3=34.8384554394677 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR023 CaseType=Combination P=-7.71682644630804 V2=17.701204313919 V3=0 T=0 M2=0 M3=31.641421790498 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR024 CaseType=Combination P=-13.0066647104441 V2=-0.650358186073638 V3=0 T=0 M2=0 M3=76.2326238500445 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR024 CaseType=Combination P=-13.0066647104441 V2=38.9637043139264 V3=0 T=0 M2=0 M3=69.0488714510721 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR025 CaseType=Combination P=-25.3958640296902 V2=4.82718331435452 V3=0 T=0 M2=0 M3=74.9285796285823 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR025 CaseType=Combination P=-25.3958640296902 V2=44.4412458143545 V3=0 T=0 M2=0 M3=65.6907491669494 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR026 CaseType=Combination P=-37.7850633504614 V2=-0.65035818607253 V3=0 T=0 M2=0 M3=73.6245354071105 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR026 CaseType=Combination P=-37.7850633504614 V2=38.9637043139275 V3=0 T=0 M2=0 M3=66.4407830081377 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR027 CaseType=Combination P=-21.083477477733 V2=4.82718331434206 V3=0 T=0 M2=0 M3=23.8520590513522 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR027 CaseType=Combination P=-21.083477477733 V2=18.4209333143421 V3=0 T=0 M2=0 M3=19.4930371834739 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR028 CaseType=Combination P=-33.4726767985042 V2=-0.65035818608499 V3=0 T=0 M2=0 M3=22.5480148298804 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR028 CaseType=Combination P=-33.4726767985042 V2=12.943391813915 V3=0 T=0 M2=0 M3=20.2430710246622 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR029 CaseType=Combination P=-19.9735960985008 V2=0.650358186121829 V3=0 T=0 M2=0 M3=31.0607007998647 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR029 CaseType=Combination P=-19.9735960985008 V2=19.0019206861218 V3=0 T=0 M2=0 M3=27.375898511319 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR030 CaseType=Combination P=-9.36967952271789 V2=0.650358186121182 V3=0 T=0 M2=0 M3=32.2622810286925 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR030 CaseType=Combination P=-9.36967952271789 V2=19.0019206861212 V3=0 T=0 M2=0 M3=28.5774787401471 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR031 CaseType=Combination P=-14.659517786854 V2=0.650358186128549 V3=0 T=0 M2=0 M3=73.6564494392694 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR031 CaseType=Combination P=-14.659517786854 V2=40.2644206861285 V3=0 T=0 M2=0 M3=65.9849284007211 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR032 CaseType=Combination P=-27.0487171061001 V2=6.12789968655671 V3=0 T=0 M2=0 M3=72.3524052178072 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR032 CaseType=Combination P=-27.0487171061001 V2=45.7419621865567 V3=0 T=0 M2=0 M3=62.6268061165984 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR033 CaseType=Combination P=-39.4379164268712 V2=0.650358186129657 V3=0 T=0 M2=0 M3=71.0483609963353 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR033 CaseType=Combination P=-39.4379164268712 V2=40.2644206861297 V3=0 T=0 M2=0 M3=63.3768399577867 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR034 CaseType=Combination P=-22.7363305541429 V2=6.12789968654425 V3=0 T=0 M2=0 M3=21.2758946405771 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR034 CaseType=Combination P=-22.7363305541429 V2=19.7216496865442 V3=0 T=0 M2=0 M3=16.429094133123 FrameElem=31-1 ElemStation=0.375

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3782004RCECOAIDA11000000100

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Frame=31 Station=0 OutputCase=STR035 CaseType=Combination P=-35.125529874914 V2=0.650358186117197 V3=0 T=0 M2=0 M3=19.9718404191052 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR035 CaseType=Combination P=-35.125529874914 V2=14.2441081861172 V3=0 T=0 M2=0 M3=17.1791279743113 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR036 CaseType=Combination P=-17.2083384949429 V2=2.02853911446255E-11 V3=0 T=0 M2=0 M3=34.05783808626 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR036 CaseType=Combination P=-17.2083384949429 V2=18.3515625000203 V3=0 T=0 M2=0 M3=30.6169201175024 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR037 CaseType=Combination P=-6.60442191915996 V2=1.96383531658739E-11 V3=0 T=0 M2=0 M3=35.2594183150878 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR037 CaseType=Combination P=-6.60442191915996 V2=18.3515625000196 V3=0 T=0 M2=0 M3=31.8185003463305 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR038 CaseType=Combination P=-11.894260183296 V2=2.70052602502346E-11 V3=0 T=0 M2=0 M3=76.6535867256647 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR038 CaseType=Combination P=-11.894260183296 V2=39.614062500027 V3=0 T=0 M2=0 M3=69.2259500069046 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR039 CaseType=Combination P=-24.2834595025421 V2=5.47754150045516 V3=0 T=0 M2=0 M3=75.3495425042025 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR039 CaseType=Combination P=-24.2834595025421 V2=45.0916040004552 V3=0 T=0 M2=0 M3=65.8678272727818 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR040 CaseType=Combination P=-36.6726588233133 V2=2.81129075574427E-11 V3=0 T=0 M2=0 M3=74.0454982827307 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR040 CaseType=Combination P=-36.6726588233133 V2=39.6140625000281 V3=0 T=0 M2=0 M3=66.6178615639701 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR041 CaseType=Combination P=-19.971072950585 V2=5.4775415004427 V3=0 T=0 M2=0 M3=24.2730219269724 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR041 CaseType=Combination P=-19.971072950585 V2=19.0712915004427 V3=0 T=0 M2=0 M3=19.6701157393064 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR042 CaseType=Combination P=-32.3602722713561 V2=1.56530965966795E-11 V3=0 T=0 M2=0 M3=22.9689777055005 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR042 CaseType=Combination P=-32.3602722713561 V2=13.593750000157 V3=0 T=0 M2=0 M3=20.4201495804947 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR043 CaseType=Combination P=-12.8969082277585 V2=1.91667126614448E-11 V3=0 T=0 M2=0 M3=37.8582982599516 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR043 CaseType=Combination P=-12.8969082277585 V2=18.3515625000192 V3=0 T=0 M2=0 M3=34.4173802911945 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR044 CaseType=Combination P=-2.29299165197555 V2=1.85196746826932E-11 V3=0 T=0 M2=0 M3=39.0598784887794 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR044 CaseType=Combination P=-2.29299165197555 V2=18.3515625000185 V3=0 T=0 M2=0 M3=35.6189605200225 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR045 CaseType=Combination P=-10.5961616039978 V2=2.8655993139525E-11 V3=0 T=0 M2=0 M3=93.1502009852754 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.5961616039978 V2=46.7015625000287 V3=0 T=0 M2=0 M3=84.3936580165146 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR046 CaseType=Combination P=-25.3477746004591 V2=6.53901378260629 V3=0 T=0 M2=0 M3=91.6117387281299 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.3477746004591 V2=53.2405762826063 V3=0 T=0 M2=0 M3=80.4030655909025 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR047 CaseType=Combination P=-40.0993875987598 V2=2.99165847650329E-11 V3=0 T=0 M2=0 M3=90.0732764709726 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.0993875987598 V2=46.7015625000299 V3=0 T=0 M2=0 M3=81.3167335022114 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR048 CaseType=Combination P=-19.2721086271233 V2=6.53901378259138 V3=0 T=0 M2=0 M3=26.7371620140408 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR048 CaseType=Combination P=-19.2721086271233 V2=20.1327637825914 V3=0 T=0 M2=0 M3=21.7362037205691 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR049 CaseType=Combination P=-34.023721625424 V2=1.50014045630087E-11 V3=0 T=0 M2=0 M3=25.1986997568835 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR049 CaseType=Combination P=-34.023721625424 V2=13.593750000015 V3=0 T=0 M2=0 M3=22.6498716318779 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR050 CaseType=Combination P=-21.2220815012366 V2=12.1801361908933 V3=0 T=0 M2=0 M3=78.0481006269647 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR050 CaseType=Combination P=-24.0064565012366 V2=51.7941986908934 V3=0 T=0 M2=0 M3=66.0529128366297 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR051 CaseType=Combination P=-7.58282991611162 V2=2.58865817670539E-11 V3=0 T=0 M2=0 M3=80.4540468993563 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR051 CaseType=Combination P=-7.58282991611162 V2=39.6140625000259 V3=0 T=0 M2=0 M3=73.0264101805966 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR052 CaseType=Combination P=-19.9720292353577 V2=5.47754150045404 V3=0 T=0 M2=0 M3=79.1500026778941 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR052 CaseType=Combination P=-19.9720292353577 V2=45.091604000454 V3=0 T=0 M2=0 M3=69.6682878964739 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR053 CaseType=Combination P=-32.3612285561289 V2=2.6994229074262E-11 V3=0 T=0 M2=0 M3=77.8459584564223 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR053 CaseType=Combination P=-32.3612285561289 V2=39.614062500027 V3=0 T=0 M2=0 M3=70.4183217376622 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR054 CaseType=Combination P=-15.6596426834005 V2=5.47754150044158 V3=0 T=0 M2=0 M3=28.073482100664 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR054 CaseType=Combination P=-15.6596426834005 V2=19.0712915004416 V3=0 T=0 M2=0 M3=23.4705759129984 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR055 CaseType=Combination P=-28.0488420041717 V2=1.45344181134988E-11 V3=0 T=0 M2=0 M3=26.7694378791922 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR055 CaseType=Combination P=-28.0488420041717 V2=13.5937500000145 V3=0 T=0 M2=0 M3=24.2206097541867 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR056 CaseType=Combination P=-12.0704816895536 V2=-0.650358186081927 V3=0 T=0 M2=0 M3=39.1463854653392 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR056 CaseType=Combination P=-12.0704816895536 V2=17.7012043139181 V3=0 T=0 M2=0 M3=35.9493518163699 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR057 CaseType=Combination P=-1.46656511377063 V2=-0.650358186082574 V3=0 T=0 M2=0 M3=40.347965694167 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR057 CaseType=Combination P=-1.46656511377063 V2=17.7012043139174 V3=0 T=0 M2=0 M3=37.150932045198 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR058 CaseType=Combination P=-6.7564033779067 V2=-0.650358186075207 V3=0 T=0 M2=0 M3=81.7421341047439 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR058 CaseType=Combination P=-6.7564033779067 V2=38.9637043139248 V3=0 T=0 M2=0 M3=74.5583817057721 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR059 CaseType=Combination P=-19.1456026971528 V2=4.82718331435295 V3=0 T=0 M2=0 M3=80.4380898832817 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR059 CaseType=Combination P=-19.1456026971528 V2=44.441245814353 V3=0 T=0 M2=0 M3=71.2002594216493 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR060 CaseType=Combination P=-31.534802017924 V2=-0.650358186074099 V3=0 T=0 M2=0 M3=79.1340456618099 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR060 CaseType=Combination P=-31.534802017924 V2=38.9637043139259 V3=0 T=0 M2=0 M3=71.9502932628376 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR061 CaseType=Combination P=-14.8332161451956 V2=4.82718331434049 V3=0 T=0 M2=0 M3=29.3615693060516 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR061 CaseType=Combination P=-14.8332161451956 V2=18.4209333143405 V3=0 T=0 M2=0 M3=25.0025474381739 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR062 CaseType=Combination P=-27.2224154659668 V2=-0.650358186086559 V3=0 T=0 M2=0 M3=28.0572520845797 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR062 CaseType=Combination P=-27.2224154659668 V2=12.9433918139134 V3=0 T=0 M2=0 M3=25.7525812793622 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR063 CaseType=Combination P=-13.7233347659634 V2=-0.65035818612026 V3=0 T=0 M2=0 M3=36.5702110545641 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR063 CaseType=Combination P=-13.7233347659634 V2=19.0019206861203 V3=0 T=0 M2=0 M3=32.885408766019 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR064 CaseType=Combination P=-3.11941819018048 V2=-0.650358186119613 V3=0 T=0 M2=0 M3=37.7717912833919 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR064 CaseType=Combination P=-3.11941819018048 V2=19.0019206861196 V3=0 T=0 M2=0 M3=34.086988994847 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR065 CaseType=Combination P=-8.40925645431655 V2=-0.65035818612698 V3=0 T=0 M2=0 M3=79.165959639687 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR065 CaseType=Combination P=-8.40925645431655 V2=40.264420686127 V3=0 T=0 M2=0 M3=71.4944386554211 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR066 CaseType=Combination P=-20.7984557735627 V2=6.12789968655514 V3=0 T=0 M2=0 M3=77.8619154725065 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR066 CaseType=Combination P=-20.7984557735627 V2=45.7419621865551 V3=0 T=0 M2=0 M3=68.1363163712984 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR067 CaseType=Combination P=-33.1876550943338 V2=-0.650358186128088 V3=0 T=0 M2=0 M3=76.5578712510347 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR067 CaseType=Combination P=-33.1876550943338 V2=40.2644206861281 V3=0 T=0 M2=0 M3=68.8863502124867 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR068 CaseType=Combination P=-16.4860692216055 V2=6.12789968654268 V3=0 T=0 M2=0 M3=26.7853948952764 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR068 CaseType=Combination P=-16.4860692216055 V2=19.7216496865427 V3=0 T=0 M2=0 M3=21.9386043878229 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR069 CaseType=Combination P=-28.8752685423766 V2=-0.650358186115628 V3=0 T=0 M2=0 M3=25.4813506738046 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR069 CaseType=Combination P=-28.8752685423766 V2=14.2441081861156 V3=0 T=0 M2=0 M3=22.6886382290112 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR070 CaseType=Combination P=-10.9580771624055 V2=1.87165127840672E-11 V3=0 T=0 M2=0 M3=39.5673483409594 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR070 CaseType=Combination P=-10.9580771624055 V2=18.3515625000187 V3=0 T=0 M2=0 M3=36.1264303722024 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR071 CaseType=Combination P=-0.354160586622548 V2=1.80694748053156E-11 V3=0 T=0 M2=0 M3=40.7689285697872 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR071 CaseType=Combination P=-0.354160586622548 V2=18.3515625000181 V3=0 T=0 M2=0 M3=37.3280106010304 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR072 CaseType=Combination P=-5.64399885075862 V2=2.54363818896763E-11 V3=0 T=0 M2=0 M3=82.163096980364 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR072 CaseType=Combination P=-5.64399885075862 V2=39.6140625000254 V3=0 T=0 M2=0 M3=74.7354602616045 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR073 CaseType=Combination P=-18.0331981700047 V2=5.47754150045359 V3=0 T=0 M2=0 M3=80.8590527589019 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR073 CaseType=Combination P=-18.0331981700047 V2=45.0916040004536 V3=0 T=0 M2=0 M3=71.3773379774818 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR074 CaseType=Combination P=-30.4223974907759 V2=2.65440291968844E-11 V3=0 T=0 M2=0 M3=79.55900853743 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR074 CaseType=Combination P=-30.4223974907759 V2=39.6140625000265 V3=0 T=0 M2=0 M3=72.1273718186701 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR075 CaseType=Combination P=-13.7208116180475 V2=5.47754150044113 V3=0 T=0 M2=0 M3=29.7825321816717 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR075 CaseType=Combination P=-13.7208116180475 V2=19.0712915004411 V3=0 T=0 M2=0 M3=25.1796259940063 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR076 CaseType=Combination P=-26.1100109388187 V2=-1.408421823621212E-11 V3=0 T=0 M2=0 M3=28.4784879601999 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR076 CaseType=Combination P=-26.1100109388187 V2=13.5937500000141 V3=0 T=0 M2=0 M3=25.926598351946 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR077 CaseType=Combination P=-14.6446613303523 V2=-1.08393031014854 V3=0 T=0 M2=0 M3=37.2503551415813 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR077 CaseType=Combination P=-14.6446613303523 V2=17.2676321898515 V3=0 T=0 M2=0 M3=34.215911039137 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR078 CaseType=Combination P=-4.04074475456938 V2=-1.08393031014918 V3=0 T=0 M2=0 M3=38.4519353704091 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR078 CaseType=Combination P=-4.04074475456938 V2=17.2676321898508 V3=0 T=0 M2=0 M3=35.417491267965 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR079 CaseType=Combination P=-11.6448134655541 V2=-0.650358186071967 V3=0 T=0 M2=0 M3=92.7854351142532 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR079 CaseType=Combination P=-11.6448134655541 V2=46.051204313928 V3=0 T=0 M2=0 M3=84.2727764652801 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR080 CaseType=Combination P=-26.3964264620154 V2=5.88865559650567 V3=0 T=0 M2=0 M3=91.2469728571077 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR080 CaseType=Combination P=-26.3964264620154 V2=52.5902180965057 V3=0 T=0 M2=0 M3=80.2821840396681 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR081 CaseType=Combination P=-41.1480394603161 V2=-0.650358186070706 V3=0 T=0 M2=0 M3=89.7085105999504 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR081 CaseType=Combination P=-41.1480394603161 V2=46.0512043139293 V3=0 T=0 M2=0 M3=81.1958519509769 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR082 CaseType=Combination P=-20.3207604886796 V2=5.88865559649076 V3=0 T=0 M2=0 M3=26.3723961430186 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR082 CaseType=Combination P=-20.3207604886796 V2=19.4824055964908 V3=0 T=0 M2=0 M3=21.6153221693346 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR083 CaseType=Combination P=-35.0723734869802 V2=-0.650358186085621 V3=0 T=0 M2=0 M3=24.8339338858613 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR083 CaseType=Combination P=-35.0723734869802 V2=12.9433918139144 V3=0 T=0 M2=0 M3=22.5289900806434 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR084 CaseType=Combination P=-22.2707333627929 V2=-11.5297780047927 V3=0 T=0 M2=0 M3=77.6833347559425 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR084 CaseType=Combination P=-25.0551083627929 V2=51.1438405047927 V3=0 T=0 M2=0 M3=65.9320312853952 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR085 CaseType=Combination P=-9.33058301870545 V2=-1.08393031014182 V3=0 T=0 M2=0 M3=79.8461037809859 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR085 CaseType=Combination P=-9.33058301870545 V2=38.5301321898582 V3=0 T=0 M2=0 M3=72.8249409285391 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR086 CaseType=Combination P=-21.7197823379516 V2=4.39361119028634 V3=0 T=0 M2=0 M3=78.5420595595237 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR086 CaseType=Combination P=-21.7197823379516 V2=44.0076736902863 V3=0 T=0 M2=0 M3=69.4668186444164 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR087 CaseType=Combination P=-34.1089816587227 V2=-1.08393031014071 V3=0 T=0 M2=0 M3=77.2380153380519 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR087 CaseType=Combination P=-34.1089816587227 V2=38.5301321898593 V3=0 T=0 M2=0 M3=70.2168524856047 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR088 CaseType=Combination P=-17.4073957859944 V2=4.39361119027388 V3=0 T=0 M2=0 M3=27.4655389822936 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR088 CaseType=Combination P=-17.4073957859944 V2=17.9873611902739 V3=0 T=0 M2=0 M3=23.2691066609409 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR089 CaseType=Combination P=-29.7965951067655 V2=-1.08393031015317 V3=0 T=0 M2=0 M3=26.1614947608218 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR089 CaseType=Combination P=-29.7965951067655 V2=12.5098196898468 V3=0 T=0 M2=0 M3=24.0191405021292 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR090 CaseType=Combination P=-16.5197397301135 V2=-1.08393031014807 V3=0 T=0 M2=0 M3=35.5975020651715 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR090 CaseType=Combination P=-16.5197397301135 V2=17.2676321898519 V3=0 T=0 M2=0 M3=32.563057962727 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR091 CaseType=Combination P=-5.91582315433061 V2=-1.08393031014871 V3=0 T=0 M2=0 M3=36.7990822939992 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR091 CaseType=Combination P=-5.91582315433061 V2=17.2676321898513 V3=0 T=0 M2=0 M3=33.764638191555 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR092 CaseType=Combination P=-11.2056614184667 V2=-1.08393031014135 V3=0 T=0 M2=0 M3=78.1932507045761 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR092 CaseType=Combination P=-11.2056614184667 V2=38.5301321898586 V3=0 T=0 M2=0 M3=71.1720878521291 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR093 CaseType=Combination P=-23.5948607377128 V2=4.39361119028681 V3=0 T=0 M2=0 M3=76.8892064831139 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR093 CaseType=Combination P=-23.5948607377128 V2=44.0076736902868 V3=0 T=0 M2=0 M3=67.8139655680064 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR094 CaseType=Combination P=-35.9840600584839 V2=-1.08393031014024 V3=0 T=0 M2=0 M3=75.5851622616421 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.9840600584839 V2=38.5301321898598 V3=0 T=0 M2=0 M3=68.5639994091947 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR095 CaseType=Combination P=-19.2824741857556 V2=4.39361119027435 V3=0 T=0 M2=0 M3=25.8126859058838 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR095 CaseType=Combination P=-19.2824741857556 V2=17.9873611902743 V3=0 T=0 M2=0 M3=21.6162535845309 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR096 CaseType=Combination P=-31.6716735065267 V2=-1.0839303101527 V3=0 T=0 M2=0 M3=24.508641684412 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR096 CaseType=Combination P=-31.6716735065267 V2=12.5098196898473 V3=0 T=0 M2=0 M3=22.3662874257192 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR097 CaseType=Combination P=-12.7695829305911 V2=-1.08393031014901 V3=0 T=0 M2=0 M3=38.9032082179911 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR097 CaseType=Combination P=-12.7695829305911 V2=17.267632189851 V3=0 T=0 M2=0 M3=35.8687641155469 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR098 CaseType=Combination P=-2.16566635480816 V2=-1.08393031014966 V3=0 T=0 M2=0 M3=40.1047884468189 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR098 CaseType=Combination P=-2.16566635480816 V2=17.2676321898503 V3=0 T=0 M2=0 M3=37.070344344375 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR099 CaseType=Combination P=-7.45550461894423 V2=-1.08393031014229 V3=0 T=0 M2=0 M3=81.4989568573957 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR099 CaseType=Combination P=-7.45550461894423 V2=38.5301321898577 V3=0 T=0 M2=0 M3=74.4777940049491 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR100 CaseType=Combination P=-19.8447039381903 V2=4.39361119028587 V3=0 T=0 M2=0 M3=80.1949126359335 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR100 CaseType=Combination P=-19.8447039381903 V2=44.0076736902859 V3=0 T=0 M2=0 M3=71.1196717208263 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR101 CaseType=Combination P=-32.2339032589615 V2=-1.08393031014118 V3=0 T=0 M2=0 M3=78.8908684144617 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR101 CaseType=Combination P=-32.2339032589615 V2=38.5301321898588 V3=0 T=0 M2=0 M3=71.8697055620146 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR102 CaseType=Combination P=-15.5323173862332 V2=4.39361119027341 V3=0 T=0 M2=0 M3=29.1183920587034 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR102 CaseType=Combination P=-15.5323173862332 V2=17.9873611902734 V3=0 T=0 M2=0 M3=24.9219597373509 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR103 CaseType=Combination P=-27.9215167070043 V2=-1.08393031015364 V3=0 T=0 M2=0 M3=27.8143478372316 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR103 CaseType=Combination P=-27.9215167070043 V2=12.5098196898464 V3=0 T=0 M2=0 M3=25.6719935785392 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR104 CaseType=Combination P=-12.7058302649993 V2=-1.08393031014899 V3=0 T=0 M2=0 M3=38.959405222589 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR104 CaseType=Combination P=-12.7058302649993 V2=17.267632189851 V3=0 T=0 M2=0 M3=35.9249611201449 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR105 CaseType=Combination P=-2.10191368921638 V2=-1.08393031014964 V3=0 T=0 M2=0 M3=40.1609854514168 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR105 CaseType=Combination P=-2.10191368921638 V2=17.2676321898504 V3=0 T=0 M2=0 M3=37.1265413489729 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR106 CaseType=Combination P=-7.39175195335245 V2=-1.08393031014227 V3=0 T=0 M2=0 M3=81.5551538619937 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR106 CaseType=Combination P=-7.39175195335245 V2=38.5301321898577 V3=0 T=0 M2=0 M3=74.533991009547 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR107 CaseType=Combination P=-19.7809512725986 V2=4.39361119028589 V3=0 T=0 M2=0 M3=80.2511096405315 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR107 CaseType=Combination P=-19.7809512725986 V2=44.0076736902859 V3=0 T=0 M2=0 M3=71.1758687254243 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR108 CaseType=Combination P=-32.1701505933697 V2=-1.08393031014116 V3=0 T=0 M2=0 M3=78.9470654190596 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR108 CaseType=Combination P=-32.1701505933697 V2=38.5301321898588 V3=0 T=0 M2=0 M3=71.9259025666126 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR109 CaseType=Combination P=-15.4685647206414 V2=4.39361119027343 V3=0 T=0 M2=0 M3=29.1745890633014 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR109 CaseType=Combination P=-15.4685647206414 V2=17.9873611902734 V3=0 T=0 M2=0 M3=24.9781567419488 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR110 CaseType=Combination P=-27.8577640414125 V2=-1.08393031015362 V3=0 T=0 M2=0 M3=27.8705448418295 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR110 CaseType=Combination P=-27.8577640414125 V2=12.5098196898464 V3=0 T=0 M2=0 M3=25.7281905831371 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR111 CaseType=Combination P=-17.3994164577021 V2=1.08393031018844 V3=0 T=0 M2=0 M3=32.9567311236227 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR111 CaseType=Combination P=-17.3994164577021 V2=19.4354928101884 V3=0 T=0 M2=0 M3=29.109339288552 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR112 CaseType=Combination P=-6.79549988191913 V2=1.08393031018779 V3=0 T=0 M2=0 M3=34.1583113524505 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR112 CaseType=Combination P=-6.79549988191913 V2=19.4354928101878 V3=0 T=0 M2=0 M3=30.31091951738 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR113 CaseType=Combination P=-13.297665419639 V2=0.65035818613022 V3=0 T=0 M2=0 M3=90.209260703478 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR113 CaseType=Combination P=-13.297665419639 V2=47.3519206861302 V3=0 T=0 M2=0 M3=81.2088334149292 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR114 CaseType=Combination P=-28.0492795384253 V2=7.18937196870786 V3=0 T=0 M2=0 M3=88.6707984463325 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR114 CaseType=Combination P=-28.0492795384253 V2=53.8909344687079 V3=0 T=0 M2=0 M3=77.2182409893171 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR115 CaseType=Combination P=-42.800892536726 V2=0.650358186131481 V3=0 T=0 M2=0 M3=87.1323361891752 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR115 CaseType=Combination P=-42.800892536726 V2=47.3519206861315 V3=0 T=0 M2=0 M3=78.1319089006259 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR116 CaseType=Combination P=-21.9736135650894 V2=7.18937196869294 V3=0 T=0 M2=0 M3=23.7962217322434 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR116 CaseType=Combination P=-21.9736135650894 V2=20.7831219686929 V3=0 T=0 M2=0 M3=18.5513791189836 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR117 CaseType=Combination P=-36.7252265633901 V2=0.650358186116565 V3=0 T=0 M2=0 M3=22.2577594750862 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR117 CaseType=Combination P=-36.7252265633901 V2=14.2441081861166 V3=0 T=0 M2=0 M3=19.4654070302924 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR118 CaseType=Combination P=-23.9235864392027 V2=12.8304943769949 V3=0 T=0 M2=0 M3=75.1071603451673 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR118 CaseType=Combination P=-26.7079614392027 V2=52.4445568769949 V3=0 T=0 M2=0 M3=62.8680882350442 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR119 CaseType=Combination P=-12.0853381460552 V2=1.08393031019516 V3=0 T=0 M2=0 M3=75.5524797630273 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR119 CaseType=Combination P=-12.0853381460552 V2=40.6979928101952 V3=0 T=0 M2=0 M3=67.7183691779541 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR120 CaseType=Combination P=-24.4745374653013 V2=6.56147181062332 V3=0 T=0 M2=0 M3=74.2484355415651 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR120 CaseType=Combination P=-24.4745374653013 V2=46.1755343106233 V3=0 T=0 M2=0 M3=64.3602468938314 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR121 CaseType=Combination P=-36.8637367860725 V2=1.08393031019627 V3=0 T=0 M2=0 M3=72.9443913200933 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR121 CaseType=Combination P=-36.8637367860725 V2=40.6979928101963 V3=0 T=0 M2=0 M3=65.1102807350197 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR122 CaseType=Combination P=-20.1621509133441 V2=6.56147181061086 V3=0 T=0 M2=0 M3=23.171914964335 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR122 CaseType=Combination P=-20.1621509133441 V2=20.1552218106109 V3=0 T=0 M2=0 M3=18.1625349103559 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR123 CaseType=Combination P=-32.5513502341153 V2=1.08393031018381 V3=0 T=0 M2=0 M3=21.8678707428632 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR123 CaseType=Combination P=-32.5513502341153 V2=14.6776803101838 V3=0 T=0 M2=0 M3=18.9125687515442 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR124 CaseType=Combination P=-19.2744948574633 V2=1.08393031018891 V3=0 T=0 M2=0 M3=31.3038780472129 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR124 CaseType=Combination P=-19.2744948574633 V2=19.4354928101889 V3=0 T=0 M2=0 M3=27.456486212142 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR125 CaseType=Combination P=-8.67057828168036 V2=1.08393031018826 V3=0 T=0 M2=0 M3=32.5054582760407 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR125 CaseType=Combination P=-8.67057828168036 V2=19.4354928101883 V3=0 T=0 M2=0 M3=28.6580664409701 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR126 CaseType=Combination P=-13.9604165458164 V2=1.08393031019563 V3=0 T=0 M2=0 M3=73.8996266866175 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR126 CaseType=Combination P=-13.9604165458164 V2=40.6979928101956 V3=0 T=0 M2=0 M3=66.0655161015441 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR127 CaseType=Combination P=-26.3496158650625 V2=6.56147181062379 V3=0 T=0 M2=0 M3=72.5955824651553 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR127 CaseType=Combination P=-26.3496158650625 V2=46.1755343106238 V3=0 T=0 M2=0 M3=62.7073938174214 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR128 CaseType=Combination P=-38.7388151858337 V2=1.08393031019674 V3=0 T=0 M2=0 M3=71.2915382436835 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR128 CaseType=Combination P=-38.7388151858337 V2=40.6979928101967 V3=0 T=0 M2=0 M3=63.4574276586097 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR129 CaseType=Combination P=-22.0372293131054 V2=6.56147181061133 V3=0 T=0 M2=0 M3=21.5190618879252 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR129 CaseType=Combination P=-22.0372293131054 V2=20.1552218106113 V3=0 T=0 M2=0 M3=16.509681833946 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR130 CaseType=Combination P=-34.4264286338765 V2=1.08393031018428 V3=0 T=0 M2=0 M3=20.2150176664534 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR130 CaseType=Combination P=-34.4264286338765 V2=14.6776803101843 V3=0 T=0 M2=0 M3=17.2597156751343 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR131 CaseType=Combination P=-15.5243380579408 V2=1.08393031018797 V3=0 T=0 M2=0 M3=34.6095842000325 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR131 CaseType=Combination P=-15.5243380579408 V2=19.435492810188 V3=0 T=0 M2=0 M3=30.762192364962 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR132 CaseType=Combination P=-4.92042148215791 V2=1.08393031018732 V3=0 T=0 M2=0 M3=35.8111644288603 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR132 CaseType=Combination P=-4.92042148215791 V2=19.4354928101873 V3=0 T=0 M2=0 M3=31.96377259379 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR133 CaseType=Combination P=-10.210259746294 V2=1.08393031019469 V3=0 T=0 M2=0 M3=77.2053328394371 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.210259746294 V2=40.6979928101947 V3=0 T=0 M2=0 M3=69.3712222543641 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR134 CaseType=Combination P=-22.5994590655401 V2=6.56147181062285 V3=0 T=0 M2=0 M3=75.901288617975 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR134 CaseType=Combination P=-22.5994590655401 V2=46.1755343106229 V3=0 T=0 M2=0 M3=66.0130999702414 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR135 CaseType=Combination P=-34.9886583863112 V2=1.0839303101958 V3=0 T=0 M2=0 M3=74.5972443965031 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR135 CaseType=Combination P=-34.9886583863112 V2=40.6979928101958 V3=0 T=0 M2=0 M3=66.7631338114297 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR136 CaseType=Combination P=-18.2870725135829 V2=6.56147181061039 V3=0 T=0 M2=0 M3=24.8247680407448 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR136 CaseType=Combination P=-18.2870725135829 V2=20.1552218106104 V3=0 T=0 M2=0 M3=19.8153879867659 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR137 CaseType=Combination P=-30.6762718343541 V2=1.08393031018334 V3=0 T=0 M2=0 M3=23.520723819273 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR137 CaseType=Combination P=-30.6762718343541 V2=14.6776803101833 V3=0 T=0 M2=0 M3=20.5654218279542 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR138 CaseType=Combination P=-15.4605853923491 V2=1.08393031018799 V3=0 T=0 M2=0 M3=34.6657812046304 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR138 CaseType=Combination P=-15.4605853923491 V2=19.435492810188 V3=0 T=0 M2=0 M3=30.8183893695599 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR139 CaseType=Combination P=-4.85666881656613 V2=1.08393031018734 V3=0 T=0 M2=0 M3=35.8673614334582 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR139 CaseType=Combination P=-4.85666881656613 V2=19.4354928101873 V3=0 T=0 M2=0 M3=32.019969598388 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR140 CaseType=Combination P=-10.1465070807022 V2=1.08393031019471 V3=0 T=0 M2=0 M3=77.2615298440351 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.1465070807022 V2=40.6979928101947 V3=0 T=0 M2=0 M3=69.427419258962 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR141 CaseType=Combination P=-22.5357063999483 V2=6.56147181062287 V3=0 T=0 M2=0 M3=75.9574856225729 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR141 CaseType=Combination P=-22.5357063999483 V2=46.1755343106229 V3=0 T=0 M2=0 M3=66.0692969748393 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR142 CaseType=Combination P=-34.9249057207195 V2=1.08393031019582 V3=0 T=0 M2=0 M3=74.653441401101 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR142 CaseType=Combination P=-34.9249057207195 V2=40.6979928101958 V3=0 T=0 M2=0 M3=66.8193308160276 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR143 CaseType=Combination P=-18.2233198479911 V2=6.56147181061041 V3=0 T=0 M2=0 M3=24.8809650453428 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR143 CaseType=Combination P=-18.2233198479911 V2=20.1552218106104 V3=0 T=0 M2=0 M3=19.8715849913639 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR144 CaseType=Combination P=-30.6125191687623 V2=1.08393031018336 V3=0 T=0 M2=0 M3=23.5769208238709 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR144 CaseType=Combination P=-30.6125191687623 V2=14.6776803101834 V3=0 T=0 M2=0 M3=20.6216188325522 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR145 CaseType=Combination P=-12.7906537851055 V2=1.92008187127612E-11 V3=0 T=0 M2=0 M3=37.9519599342815 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR145 CaseType=Combination P=-12.7906537851055 V2=18.3515625000192 V3=0 T=0 M2=0 M3=34.5110419655243 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR146 CaseType=Combination P=-2.18673720932258 V2=1.85537807340097E-11 V3=0 T=0 M2=0 M3=39.1535401631093 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR146 CaseType=Combination P=-2.18673720932258 V2=18.3515625000186 V3=0 T=0 M2=0 M3=35.7126221943524 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR147 CaseType=Combination P=-10.532408938406 V2=2.86764567647424E-11 V3=0 T=0 M2=0 M3=93.2063979898733 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.532408938406 V2=46.7015625000287 V3=0 T=0 M2=0 M3=84.4498550211126 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR148 CaseType=Combination P=-25.2840219348673 V2=6.53901378260631 V3=0 T=0 M2=0 M3=91.6679357327278 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.2840219348673 V2=53.2405762826063 V3=0 T=0 M2=0 M3=80.4592625955005 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR149 CaseType=Combination P=-40.035634933168 V2=2.99370483958228E-11 V3=0 T=0 M2=0 M3=90.1294734755706 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.035634933168 V2=46.7015625000299 V3=0 T=0 M2=0 M3=81.3729305068093 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR150 CaseType=Combination P=-19.2083559615315 V2=6.5390137825914 V3=0 T=0 M2=0 M3=26.7933590186388 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR150 CaseType=Combination P=-19.2083559615315 V2=20.1327637825914 V3=0 T=0 M2=0 M3=21.792400725167 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR151 CaseType=Combination P=-33.9599689598322 V2=1.50218681937986E-11 V3=0 T=0 M2=0 M3=25.2548967614815 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR151 CaseType=Combination P=-33.9599689598322 V2=13.593750000015 V3=0 T=0 M2=0 M3=22.7060686364758 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR152 CaseType=Combination P=-21.1583288356448 V2=12.1801361908934 V3=0 T=0 M2=0 M3=78.1042976315626 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR152 CaseType=Combination P=-23.9427038356448 V2=51.7941986908934 V3=0 T=0 M2=0 M3=66.1091098412276 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR153 CaseType=Combination P=-7.47657547345865 V2=2.59206878183704E-11 V3=0 T=0 M2=0 M3=80.5477085736862 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR153 CaseType=Combination P=-7.47657547345865 V2=39.6140625000259 V3=0 T=0 M2=0 M3=73.1200718549265 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR154 CaseType=Combination P=-19.8657747927048 V2=5.47754150045408 V3=0 T=0 M2=0 M3=79.243664352224 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR154 CaseType=Combination P=-19.8657747927048 V2=45.0916040004541 V3=0 T=0 M2=0 M3=69.7619495708037 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR155 CaseType=Combination P=-32.2549741134759 V2=2.70283351255785E-11 V3=0 T=0 M2=0 M3=77.9396201307522 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR155 CaseType=Combination P=-32.2549741134759 V2=39.6140625000027 V3=0 T=0 M2=0 M3=70.511983411992 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR156 CaseType=Combination P=-15.5533882407476 V2=5.47754150044162 V3=0 T=0 M2=0 M3=28.1671437749939 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR156 CaseType=Combination P=-15.5533882407476 V2=19.0712915004416 V3=0 T=0 M2=0 M3=23.5642375873283 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR157 CaseType=Combination P=-27.9425875615187 V2=1.45685241648152E-11 V3=0 T=0 M2=0 M3=26.8630995535221 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR157 CaseType=Combination P=-27.9425875615187 V2=13.5937500000146 V3=0 T=0 M2=0 M3=24.3142714285166 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR158 CaseType=Combination P=-14.6657321848667 V2=1.96714822209287E-11 V3=0 T=0 M2=0 M3=36.2991068578717 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR158 CaseType=Combination P=-14.6657321848667 V2=18.3515625000197 V3=0 T=0 M2=0 M3=32.8581888891144 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR159 CaseType=Combination P=-4.06181560908381 V2=1.90244442421772E-11 V3=0 T=0 M2=0 M3=37.5006870866995 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR159 CaseType=Combination P=-4.06181560908381 V2=18.351562500019 V3=0 T=0 M2=0 M3=34.05976911179424 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR160 CaseType=Combination P=-9.35165387321988 V2=2.63913513265379E-11 V3=0 T=0 M2=0 M3=78.8948554972764 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR160 CaseType=Combination P=-9.35165387321988 V2=39.6140625000264 V3=0 T=0 M2=0 M3=71.4672187785165 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR161 CaseType=Combination P=-21.740853192466 V2=5.47754150045455 V3=0 T=0 M2=0 M3=77.5908112758142 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR161 CaseType=Combination P=-21.740853192466 V2=45.0916040004545 V3=0 T=0 M2=0 M3=68.1090964943938 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR162 CaseType=Combination P=-34.1300525132371 V2=2.74989986337459E-11 V3=0 T=0 M2=0 M3=76.2867670543424 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR162 CaseType=Combination P=-34.1300525132371 V2=39.6140625000275 V3=0 T=0 M2=0 M3=68.859130335821 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR163 CaseType=Combination P=-17.4284666405088 V2=5.47754150044209 V3=0 T=0 M2=0 M3=26.5142906985841 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR163 CaseType=Combination P=-17.4284666405088 V2=19.0712915004421 V3=0 T=0 M2=0 M3=21.9113845109183 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR164 CaseType=Combination P=-29.8176659612799 V2=1.50391876729827E-11 V3=0 T=0 M2=0 M3=25.2102464771122 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR164 CaseType=Combination P=-29.8176659612799 V2=13.593750000015 V3=0 T=0 M2=0 M3=22.6614183521066 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR165 CaseType=Combination P=-10.9155753853443 V2=1.87301552045938E-11 V3=0 T=0 M2=0 M3=39.6048130106914 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR165 CaseType=Combination P=-10.9155753853443 V2=18.3515625000187 V3=0 T=0 M2=0 M3=36.1638950419343 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR166 CaseType=Combination P=-0.311658809561359 V2=1.80831172258422E-11 V3=0 T=0 M2=0 M3=40.8063932395192 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR166 CaseType=Combination P=-0.311658809561359 V2=18.3515625000181 V3=0 T=0 M2=0 M3=37.3654752707624 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR167 CaseType=Combination P=-5.60149707369743 V2=2.54500243102029E-11 V3=0 T=0 M2=0 M3=82.200561650096 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR167 CaseType=Combination P=-5.60149707369743 V2=39.6140625000254 V3=0 T=0 M2=0 M3=74.7729249313365 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR168 CaseType=Combination P=-17.9906963929435 V2=5.47754150045361 V3=0 T=0 M2=0 M3=80.8965174286338 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR168 CaseType=Combination P=-17.9906963929435 V2=45.0916040004536 V3=0 T=0 M2=0 M3=71.4148026472137 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR169 CaseType=Combination P=-30.3798957137147 V2=2.6557671617411E-11 V3=0 T=0 M2=0 M3=79.592473207162 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR169 CaseType=Combination P=-30.3798957137147 V2=39.6140625000266 V3=0 T=0 M2=0 M3=72.164836488402 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR170 CaseType=Combination P=-13.6783098409864 V2=5.47754150044115 V3=0 T=0 M2=0 M3=29.8199968514037 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR170 CaseType=Combination P=-13.6783098409864 V2=19.0712915004411 V3=0 T=0 M2=0 M3=25.2170906637383 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR171 CaseType=Combination P=-26.0675091617575 V2=1.40978606566478E-11 V3=0 T=0 M2=0 M3=28.5159526299319 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR171 CaseType=Combination P=-26.0675091617575 V2=13.5937500000141 V3=0 T=0 M2=0 M3=25.9671245049266 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR172 CaseType=Combination P=-11.9642272469006 V2=-0.650358186081893 V3=0 T=0 M2=0 M3=39.2400471396691 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR172 CaseType=Combination P=-11.9642272469006 V2=17.7012043139181 V3=0 T=0 M2=0 M3=36.0430134906998 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR173 CaseType=Combination P=-1.36031067111766 V2=-0.65035818608254 V3=0 T=0 M2=0 M3=40.4416273684969 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR173 CaseType=Combination P=-1.36031067111766 V2=17.7012043139175 V3=0 T=0 M2=0 M3=37.2445937195279 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR174 CaseType=Combination P=-6.65014893525373 V2=-0.650358186075173 V3=0 T=0 M2=0 M3=81.8357957790738 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR174 CaseType=Combination P=-6.65014893525373 V2=38.9637043139248 V3=0 T=0 M2=0 M3=74.652043380102 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=STR175 CaseType=Combination P=-19.0393482544998 V2=4.82718331435298 V3=0 T=0 M2=0 M3=80.5317515576116 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR175 CaseType=Combination P=-19.0393482544998 V2=44.441245814353 V3=0 T=0 M2=0 M3=71.2939210959792 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR176 CaseType=Combination P=-31.428547575271 V2=-0.650358186074065 V3=0 T=0 M2=0 M3=79.2277073361398 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR176 CaseType=Combination P=-31.428547575271 V2=38.9637043139259 V3=0 T=0 M2=0 M3=72.0439549371675 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR177 CaseType=Combination P=-14.7269617025427 V2=4.82718331434052 V3=0 T=0 M2=0 M3=29.4552309803815 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR177 CaseType=Combination P=-14.7269617025427 V2=18.4209333143405 V3=0 T=0 M2=0 M3=25.0962091125038 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR178 CaseType=Combination P=-27.1161610233138 V2=-0.650358186086525 V3=0 T=0 M2=0 M3=28.1511867589096 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR178 CaseType=Combination P=-27.1161610233138 V2=12.9433918139135 V3=0 T=0 M2=0 M3=25.8462429536921 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR179 CaseType=Combination P=-11.9642272469006 V2=-0.650358186081893 V3=0 T=0 M2=0 M3=39.2400471396691 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR179 CaseType=Combination P=-11.9642272469006 V2=17.7012043139181 V3=0 T=0 M2=0 M3=36.0430134906998 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR180 CaseType=Combination P=-13.6170803233104 V2=-0.650358186120294 V3=0 T=0 M2=0 M3=36.663872728894 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR180 CaseType=Combination P=-13.6170803233104 V2=19.0019206861203 V3=0 T=0 M2=0 M3=32.9790704403488 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR181 CaseType=Combination P=-3.01316374752751 V2=-0.650358186119647 V3=0 T=0 M2=0 M3=37.8654529577218 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR181 CaseType=Combination P=-3.01316374752751 V2=19.0019206861197 V3=0 T=0 M2=0 M3=34.1806506691769 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR182 CaseType=Combination P=-8.30300201166358 V2=-0.650358186127014 V3=0 T=0 M2=0 M3=79.2596213682986 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR182 CaseType=Combination P=-8.30300201166358 V2=40.264420686127 V3=0 T=0 M2=0 M3=71.588100329751 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR183 CaseType=Combination P=-20.6922013309097 V2=6.12789968655517 V3=0 T=0 M2=0 M3=77.9555771468364 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR183 CaseType=Combination P=-20.6922013309097 V2=45.7419621865552 V3=0 T=0 M2=0 M3=68.2299780456282 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR184 CaseType=Combination P=-33.0814006516808 V2=-0.650358186128122 V3=0 T=0 M2=0 M3=76.6515329253646 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR184 CaseType=Combination P=-33.0814006516808 V2=40.2644206861281 V3=0 T=0 M2=0 M3=68.9800118868165 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR185 CaseType=Combination P=-16.3798147789525 V2=6.12789968654271 V3=0 T=0 M2=0 M3=26.8790565696063 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR185 CaseType=Combination P=-16.3798147789525 V2=19.7216496865427 V3=0 T=0 M2=0 M3=22.0322660621528 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR186 CaseType=Combination P=-28.7690140997236 V2=-0.650358186115662 V3=0 T=0 M2=0 M3=25.5750123481345 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR186 CaseType=Combination P=-28.7690140997236 V2=14.2441081861157 V3=0 T=0 M2=0 M3=22.7822999033411 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=STR187 CaseType=Combination P=-13.6170803233104 V2=-0.650358186120294 V3=0 T=0 M2=0 M3=36.663872728894 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=STR187 CaseType=Combination P=-13.6170803233104 V2=19.0019206861203 V3=0 T=0 M2=0 M3=32.9790704403488 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809561359 V2=12.8304943769949 V3=0 T=0 M2=0 M3=93.2063979898733 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809561359 V2=53.8909344687079 V3=0 T=0 M2=0 M3=84.4498550211126 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443982823 V2=-1.08393031015364 V3=0 T=0 M2=0 M3=19.9718404191052 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443982823 V2=12.5098196898464 V3=0 T=0 M2=0 M3=16.429094133123 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS01 CaseType=Combination P=-17.6938242660382 V2=12.53978206447 V3=0 T=0 M2=0 M3=24.2925494524003 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-21.5150742660382 V2=25.55753206447 V3=0 T=0 M2=0 M3=17.149303053224 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS02 CaseType=Combination P=-18.9959620436502 V2=12.5397820644704 V3=0 T=0 M2=0 M3=23.1447348160046 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-22.8172120436502 V2=25.5575320644704 V3=0 T=0 M2=0 M3=16.0014884168282 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS03 CaseType=Combination P=-16.3916864884263 V2=12.5397820644697 V3=0 T=0 M2=0 M3=25.440364088796 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-20.2129364884263 V2=25.5575320644697 V3=0 T=0 M2=0 M3=18.2971176896199 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS04 CaseType=Combination P=-17.1199169478404 V2=12.0881444352332 V3=0 T=0 M2=0 M3=25.1870544561417 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-20.9411669478404 V2=25.1058944352332 V3=0 T=0 M2=0 M3=18.2131721679292 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS05 CaseType=Combination P=-18.2677315842361 V2=12.9914196937069 V3=0 T=0 M2=0 M3=23.398044486589 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-22.0889815842361 V2=26.0091696937069 V3=0 T=0 M2=0 M3=16.0854339835188 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=SIS06 CaseType=Combination P=-16.3474138039875 V2=12.5397820644697 V3=0 T=0 M2=0 M3=25.4793897864335 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-20.1686638039875 V2=25.557320644697 V3=0 T=0 M2=0 M3=18.3361433872573 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS07 CaseType=Combination P=-18.4220547254523 V2=12.0881444352335 V3=0 T=0 M2=0 M3=24.039239819746 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-22.2433047254523 V2=25.1058944352335 V3=0 T=0 M2=0 M3=17.0653575315334 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS08 CaseType=Combination P=-19.569869361848 V2=12.9914196937072 V3=0 T=0 M2=0 M3=22.2502298122632 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-23.391119361848 V2=26.0091696937072 V3=0 T=0 M2=0 M3=14.937619302123 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS09 CaseType=Combination P=-17.6495515815995 V2=12.5397820644701 V3=0 T=0 M2=0 M3=24.3315751500378 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-21.4708015815995 V2=25.557320644701 V3=0 T=0 M2=0 M3=17.1883287508615 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS10 CaseType=Combination P=-17.7929292178767 V2=12.53978206447 V3=0 T=0 M2=0 M3=26.5716997931017 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-21.6141792178767 V2=26.70953206447 V3=0 T=0 M2=0 M3=19.2124533939254 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS11 CaseType=Combination P=-19.0950669954887 V2=12.5397820644704 V3=0 T=0 M2=0 M3=25.423885156706 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-22.9163169954887 V2=26.7095320644704 V3=0 T=0 M2=0 M3=18.0646387575296 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS12 CaseType=Combination P=-16.4907914402647 V2=12.5397820644697 V3=0 T=0 M2=0 M3=27.7195144294974 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-20.3120414402647 V2=26.7095320644697 V3=0 T=0 M2=0 M3=20.3602680303212 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS13 CaseType=Combination P=-17.2190218996788 V2=12.0881444352332 V3=0 T=0 M2=0 M3=27.4662047968431 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-21.0402718996788 V2=26.2578944352332 V3=0 T=0 M2=0 M3=20.2763225086306 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS14 CaseType=Combination P=-18.3668365360746 V2=12.9914196937069 V3=0 T=0 M2=0 M3=25.6771947893603 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-22.1880865360746 V2=27.1611696937069 V3=0 T=0 M2=0 M3=18.1485842792202 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS15 CaseType=Combination P=-16.446518755826 V2=12.5397820644697 V3=0 T=0 M2=0 M3=27.7585401271348 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-20.267768755826 V2=26.7095320644697 V3=0 T=0 M2=0 M3=20.3992937279587 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS16 CaseType=Combination P=-18.5211596772908 V2=12.0881444352335 V3=0 T=0 M2=0 M3=26.3183901604474 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-22.3424096772908 V2=26.2578944352335 V3=0 T=0 M2=0 M3=19.1285078722348 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS17 CaseType=Combination P=-19.6689743136865 V2=12.9914196937072 V3=0 T=0 M2=0 M3=24.5293801529646 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-23.4902243136865 V2=27.1611696937072 V3=0 T=0 M2=0 M3=17.0007696428244 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS18 CaseType=Combination P=-17.748656533438 V2=12.5397820644701 V3=0 T=0 M2=0 M3=26.6107254907391 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-21.569906533438 V2=26.7095320644701 V3=0 T=0 M2=0 M3=19.2514790915629 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS19 CaseType=Combination P=-17.5782018228786 V2=5.6198132336985 V3=0 T=0 M2=0 M3=21.6335407215715 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-18.7245768228786 V2=17.2935632336985 V3=0 T=0 M2=0 M3=17.3372826339346 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS20 CaseType=Combination P=-18.8803396004905 V2=5.6198132336988 V3=0 T=0 M2=0 M3=20.4857260851758 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-20.0267146004905 V2=17.2935632336988 V3=0 T=0 M2=0 M3=16.1894679975388 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS21 CaseType=Combination P=-16.2760640452666 V2=5.61981323369818 V3=0 T=0 M2=0 M3=22.7813553579672 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-17.4224390452666 V2=17.2935632336982 V3=0 T=0 M2=0 M3=18.4850972703304 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS22 CaseType=Combination P=-17.0042945046807 V2=5.16817560446163 V3=0 T=0 M2=0 M3=22.5280457253129 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-18.1506695046807 V2=16.8419256044616 V3=0 T=0 M2=0 M3=18.4011517486398 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS23 CaseType=Combination P=-18.1521091410764 V2=6.07145086293538 V3=0 T=0 M2=0 M3=20.7390357178301 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-19.2984841410764 V2=17.7452008629354 V3=0 T=0 M2=0 M3=16.2734135192294 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS24 CaseType=Combination P=-16.2317913608279 V2=5.61981323369819 V3=0 T=0 M2=0 M3=22.8203810556047 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-17.3781663608279 V2=17.2935632336982 V3=0 T=0 M2=0 M3=18.5241229679679 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS25 CaseType=Combination P=-18.3064322822927 V2=5.16817560446196 V3=0 T=0 M2=0 M3=21.3802310889172 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-19.4528072822927 V2=16.841925604462 V3=0 T=0 M2=0 M3=17.253337112244 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=SIS26 CaseType=Combination P=-19.4542469186884 V2=6.0714508629357 V3=0 T=0 M2=0 M3=19.5912210814344 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-20.6006219186884 V2=17.7452008629357 V3=0 T=0 M2=0 M3=15.1255988828336 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS27 CaseType=Combination P=-17.5339291384398 V2=5.61981323369852 V3=0 T=0 M2=0 M3=21.672566419209 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-18.6803041384398 V2=17.2935632336985 V3=0 T=0 M2=0 M3=17.376308331572 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS28 CaseType=Combination P=-17.9085516623402 V2=5.6198132336985 V3=0 T=0 M2=0 M3=29.2307085239095 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-19.0549266623402 V2=21.1335632336985 V3=0 T=0 M2=0 M3=24.2144504362725 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS29 CaseType=Combination P=-19.2106894399521 V2=5.61981323369883 V3=0 T=0 M2=0 M3=28.0828938875138 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-20.3570644399521 V2=21.1335632336988 V3=0 T=0 M2=0 M3=23.0666357998767 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS30 CaseType=Combination P=-16.6064138847282 V2=5.61981323369818 V3=0 T=0 M2=0 M3=30.3785231603052 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-17.7527888847282 V2=21.1335632336982 V3=0 T=0 M2=0 M3=25.3622650726683 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS31 CaseType=Combination P=-17.3346443441423 V2=5.16817560446163 V3=0 T=0 M2=0 M3=30.1252135276508 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-18.4810193441423 V2=20.6819256044616 V3=0 T=0 M2=0 M3=25.2783195509777 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS32 CaseType=Combination P=-18.482458980538 V2=6.07145086293538 V3=0 T=0 M2=0 M3=28.3362035201681 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-19.628833980538 V2=21.5852008629354 V3=0 T=0 M2=0 M3=23.1505813215673 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS33 CaseType=Combination P=-16.5621412002895 V2=5.61981323369819 V3=0 T=0 M2=0 M3=30.4175488579426 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-17.7085162002895 V2=21.1335632336982 V3=0 T=0 M2=0 M3=25.4012907703058 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS34 CaseType=Combination P=-18.6367821217543 V2=5.16817560446196 V3=0 T=0 M2=0 M3=28.9773988912551 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-19.7831571217543 V2=20.681925604462 V3=0 T=0 M2=0 M3=24.1305049145819 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS35 CaseType=Combination P=-19.78459675815 V2=6.0714508629357 V3=0 T=0 M2=0 M3=27.1883888837724 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-20.93097175815 V2=21.5852008629357 V3=0 T=0 M2=0 M3=22.0027666851715 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=SIS36 CaseType=Combination P=-17.864278979014 V2=5.61981323369852 V3=0 T=0 M2=0 M3=29.2697342215469 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-19.0106539779014 V2=21.1335632336985 V3=0 T=0 M2=0 M3=24.25347613391 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-16.2317913608279 V2=12.9914196937072 V3=0 T=0 M2=0 M3=30.4175488579426  
FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-17.3781663608279 V2=27.1611696937072 V3=0 T=0 M2=0 M3=25.4012907703058  
FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-19.78459675815 V2=5.16817560446163 V3=0 T=0 M2=0 M3=19.5912210814344  
FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-23.4902243136865 V2=16.8419256044616 V3=0 T=0 M2=0 M3=14.937619302123  
FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR001 CaseType=Combination P=-11.8681769585387 V2=1.47792889038101E-11 V3=0 T=0 M2=0 M3=26.0026245426681 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-11.8681769585387 V2=13.5937500000148 V3=0 T=0 M2=0 M3=23.4537964176626 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR002 CaseType=Combination P=-11.620105649323 V2=2.14868123293854E-11 V3=0 T=0 M2=0 M3=67.5059004891734 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-11.620105649323 V2=34.5937500000215 V3=0 T=0 M2=0 M3=61.0195723641653 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR003 CaseType=Combination P=-21.3561513420793 V2=4.32855569877995 V3=0 T=0 M2=0 M3=66.5012552055399 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-21.3561513420793 V2=38.92230569878 V3=0 T=0 M2=0 M3=58.3917186934974 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR004 CaseType=Combination P=-31.0921970359415 V2=2.250999386888E-11 V3=0 T=0 M2=0 M3=65.4966099218984 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-31.0921970359415 V2=34.5937500000225 V3=0 T=0 M2=0 M3=59.0102817968899 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR005 CaseType=Combination P=-16.1316197231794 V2=4.32855569877268 V3=0 T=0 M2=0 M3=25.618125911143 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-16.1316197231794 V2=17.9223056987727 V3=0 T=0 M2=0 M3=21.4460893991033 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR006 CaseType=Combination P=-25.8676654170417 V2=1.52340362546965E-11 V3=0 T=0 M2=0 M3=24.6134806275015 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-25.8676654170417 V2=13.5937500000152 V3=0 T=0 M2=0 M3=22.0646525024958 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR007 CaseType=Combination P=-18.3000823796922 V2=8.5071648901037 V3=0 T=0 M2=0 M3=56.4541158713434 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-20.3625823796922 V2=37.8509148901037 V3=0 T=0 M2=0 M3=47.7619759125546 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=RAR008 CaseType=Combination P=-8.99984958564706 V2=1.48645540321013E-11 V3=0 T=0 M2=0 M3=24.3271419219851 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-8.99984958564706 V2=13.5937500000149 V3=0 T=0 M2=0 M3=21.7783137969795 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR009 CaseType=Combination P=-13.1826709824573 V2=2.1879031919525E-11 V3=0 T=0 M2=0 M3=66.1285229254986 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-13.1826709824573 V2=34.5937500000219 V3=0 T=0 M2=0 M3=59.6421948004904 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR010 CaseType=Combination P=-22.9187166752136 V2=4.32855569878034 V3=0 T=0 M2=0 M3=65.1238776418651 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-22.9187166752136 V2=38.9223056987803 V3=0 T=0 M2=0 M3=57.0143411298224 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR011 CaseType=Combination P=-32.6547623690759 V2=2.29022134590195E-11 V3=0 T=0 M2=0 M3=64.1192323582235 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-32.6547623690759 V2=34.5937500000229 V3=0 T=0 M2=0 M3=57.6329042332149 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR012 CaseType=Combination P=-17.6941850563138 V2=4.32855569877307 V3=0 T=0 M2=0 M3=24.2407483474682 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-17.6941850563138 V2=17.9223056987731 V3=0 T=0 M2=0 M3=20.0687118354283 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR013 CaseType=Combination P=-27.4302307501761 V2=1.56262558448361E-11 V3=0 T=0 M2=0 M3=23.2361030638266 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-27.4302307501761 V2=13.5937500000156 V3=0 T=0 M2=0 M3=20.6872749388208 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR014 CaseType=Combination P=-19.8626477128265 V2=8.50716489010409 V3=0 T=0 M2=0 M3=55.0767383076686 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-21.9251477128265 V2=37.8509148901041 V3=0 T=0 M2=0 M3=46.3845983488796 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR015 CaseType=Combination P=-12.9182482998219 V2=2.03215222427389E-11 V3=0 T=0 M2=0 M3=54.9894888927828 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-12.9182482998219 V2=29.3437500000203 V3=0 T=0 M2=0 M3=49.4875357677752 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR016 CaseType=Combination P=-20.9043579353818 V2=3.54227993422361 V3=0 T=0 M2=0 M3=54.1584865985443 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-20.9043579353818 V2=32.8860299342236 V3=0 T=0 M2=0 M3=47.3281784982105 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR017 CaseType=Combination P=-28.8904675718147 V2=2.12310169445118E-11 V3=0 T=0 M2=0 M3=53.3274843042994 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-28.8904675718147 V2=29.3437500000212 V3=0 T=0 M2=0 M3=47.8255311792914 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR018 CaseType=Combination P=-16.9859592212069 V2=3.54227993421816 V3=0 T=0 M2=0 M3=23.4961396277466 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-16.9859592212069 V2=17.1360299342182 V3=0 T=0 M2=0 M3=19.6189565274148 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR019 CaseType=Combination P=-24.9720688576399 V2=1.57740487338742E-11 V3=0 T=0 M2=0 M3=22.6651373335017 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-24.9720688576399 V2=13.5937500000158 V3=0 T=0 M2=0 M3=20.1163092084958 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR020 CaseType=Combination P=-8.31116080380962 V2=-0.54196515506938 V3=0 T=0 M2=0 M3=25.4005479264748 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-8.31116080380962 V2=13.0517848449306 V3=0 T=0 M2=0 M3=23.0549567346258 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR021 CaseType=Combination P=-12.2295595179845 V2=-0.541965155063923 V3=0 T=0 M2=0 M3=56.0628948972724 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-12.2295595179845 V2=28.8017848449361 V3=0 T=0 M2=0 M3=50.7641787054214 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR022 CaseType=Combination P=-20.2156691535443 V2=3.00031477913937 V3=0 T=0 M2=0 M3=55.231892603034 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-20.2156691535443 V2=32.3440647791394 V3=0 T=0 M2=0 M3=48.6048214358567 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR023 CaseType=Combination P=-28.2017787899773 V2=-0.541965155063013 V3=0 T=0 M2=0 M3=54.4008903087891 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-28.2017787899773 V2=28.801784844937 V3=0 T=0 M2=0 M3=49.1021741169377 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR024 CaseType=Combination P=-16.2972704393695 V2=3.00031477913391 V3=0 T=0 M2=0 M3=24.5695456322363 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-16.2972704393695 V2=16.5940647791339 V3=0 T=0 M2=0 M3=20.8955994650611 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR025 CaseType=Combination P=-24.2833800758024 V2=-0.54196515506847 V3=0 T=0 M2=0 M3=23.7385433379914 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-24.2833800758024 V2=13.0517848449315 V3=0 T=0 M2=0 M3=21.3929521461421 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR026 CaseType=Combination P=-9.6885383674845 V2=0.541965155099109 V3=0 T=0 M2=0 M3=23.2537359174955 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-9.6885383674845 V2=14.1357151550991 V3=0 T=0 M2=0 M3=20.5016708593333 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR027 CaseType=Combination P=-13.6069370816594 V2=0.541965155104566 V3=0 T=0 M2=0 M3=53.9160923882931 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-13.6069370816594 V2=29.8857151551046 V3=0 T=0 M2=0 M3=48.2108928301289 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=RAR028 CaseType=Combination P=-21.5930467172192 V2=4.08424508930786 V3=0 T=0 M2=0 M3=53.0850805940547 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-21.5930467172192 V2=33.4279950893079 V3=0 T=0 M2=0 M3=46.0515355605642 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR029 CaseType=Combination P=-29.5791563536522 V2=0.541965155105475 V3=0 T=0 M2=0 M3=52.2540782998098 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-29.5791563536522 V2=29.8857151551055 V3=0 T=0 M2=0 M3=46.5488882416452 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR030 CaseType=Combination P=-17.6746480030443 V2=4.0842450893024 V3=0 T=0 M2=0 M3=22.422733623257 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-17.6746480030443 V2=17.6779950893024 V3=0 T=0 M2=0 M3=18.3423135897686 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR031 CaseType=Combination P=-25.6607576394773 V2=0.541965155100019 V3=0 T=0 M2=0 M3=21.5917313290121 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-25.6607576394773 V2=14.1357151551 V3=0 T=0 M2=0 M3=18.8396662708496 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR032 CaseType=Combination P=-7.38415703118622 V2=1.448938746762E-11 V3=0 T=0 M2=0 M3=25.7513503228249 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-7.38415703118622 V2=13.5937500000145 V3=0 T=0 M2=0 M3=23.2025221978195 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR033 CaseType=Combination P=-11.3025557453611 V2=1.99463556782575E-11 V3=0 T=0 M2=0 M3=56.4136972936226 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-11.3025557453611 V2=29.3437500000199 V3=0 T=0 M2=0 M3=50.9117441686151 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR034 CaseType=Combination P=-19.2886653809209 V2=3.54227993422324 V3=0 T=0 M2=0 M3=55.5826949993841 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-19.2886653809209 V2=32.8860299342232 V3=0 T=0 M2=0 M3=48.7523868990504 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR035 CaseType=Combination P=-27.2747750173539 V2=2.08558503800305E-11 V3=0 T=0 M2=0 M3=54.7516927051392 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-27.2747750173539 V2=29.3437500000209 V3=0 T=0 M2=0 M3=49.2497395801314 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR036 CaseType=Combination P=-15.3702666667461 V2=3.54227993421778 V3=0 T=0 M2=0 M3=24.9203480285864 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-15.3702666667461 V2=17.1360299342178 V3=0 T=0 M2=0 M3=21.0431649282548 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR037 CaseType=Combination P=-23.356376303179 V2=1.53988821693929E-11 V3=0 T=0 M2=0 M3=24.0893457343415 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-23.356376303179 V2=13.5937500000154 V3=0 T=0 M2=0 M3=21.5405176093357 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR038 CaseType=Combination P=-3.79129847519922 V2=1.35571553983027E-11 V3=0 T=0 M2=0 M3=28.9184004675679 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-3.79129847519922 V2=13.5937500000136 V3=0 T=0 M2=0 M3=26.3695723425628 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.0575403161886 V2=2.10945927392459E-11 V3=0 T=0 M2=0 M3=68.8832780528482 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.0575403161886 V2=34.5937500000211 V3=0 T=0 M2=0 M3=62.3969499278403 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR040 CaseType=Combination P=-19.7935860089449 V2=4.32855569877956 V3=0 T=0 M2=0 M3=67.8786327692147 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-19.7935860089449 V2=38.9223056987796 V3=0 T=0 M2=0 M3=59.7690962571724 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR041 CaseType=Combination P=-29.5296317028072 V2=2.21177742787404E-11 V3=0 T=0 M2=0 M3=66.8739874855732 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-29.5296317028072 V2=34.5937500000221 V3=0 T=0 M2=0 M3=60.3876593605649 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR042 CaseType=Combination P=-14.5690543900451 V2=4.32855569877228 V3=0 T=0 M2=0 M3=26.9955034748179 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-14.5690543900451 V2=17.9223056987723 V3=0 T=0 M2=0 M3=22.8234669627782 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR043 CaseType=Combination P=-24.3051000839073 V2=1.4841816664557E-11 V3=0 T=0 M2=0 M3=25.9908581911763 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-24.3051000839073 V2=13.5937500000148 V3=0 T=0 M2=0 M3=23.4420300661707 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR044 CaseType=Combination P=-16.7375170465578 V2=8.5071648901033 V3=0 T=0 M2=0 M3=57.8314934350183 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-18.8000170465578 V2=37.8509148901033 V3=0 T=0 M2=0 M3=49.1393534762296 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR045 CaseType=Combination P=-7.70969718937408 V2=1.90141236089403E-11 V3=0 T=0 M2=0 M3=59.5807474383656 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-7.70969718937408 V2=29.3437500000019 V3=0 T=0 M2=0 M3=54.0787943133584 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR046 CaseType=Combination P=-15.6958068249339 V2=3.54227993422231 V3=0 T=0 M2=0 M3=58.7497451441271 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-15.6958068249339 V2=32.8860299342223 V3=0 T=0 M2=0 M3=51.9194370437937 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR047 CaseType=Combination P=-23.6819164613669 V2=1.99236183107132E-11 V3=0 T=0 M2=0 M3=57.9187428498822 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-23.6819164613669 V2=29.3437500000019 V3=0 T=0 M2=0 M3=52.4167897248747 FrameElem=31-1  
ElemStation=0.375

PROVATO SDP

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Frame=31 Station=0 OutputCase=RAR048 CaseType=Combination P=-11.7774081107591 V2=3.54227993421685 V3=0 T=0 M2=0 M3=28.0873981733294 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-11.7774081107591 V2=17.1360299342169 V3=0 T=0 M2=0 M3=24.2102150729981 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR049 CaseType=Combination P=-19.763517747192 V2=1.44666501000756E-11 V3=0 T=0 M2=0 M3=27.2563958790845 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-19.763517747192 V2=13.5937500000145 V3=0 T=0 M2=0 M3=24.7075677540791 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR050 CaseType=Combination P=-3.10260969336178 V2=-0.541965155070687 V3=0 T=0 M2=0 M3=29.9918064720576 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-3.10260969336178 V2=13.0517848449293 V3=0 T=0 M2=0 M3=27.6462152802091 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR051 CaseType=Combination P=-7.02100840753665 V2=-0.54196515506523 V3=0 T=0 M2=0 M3=60.6541534428552 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-7.02100840753665 V2=28.8017848449348 V3=0 T=0 M2=0 M3=55.3554372510047 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR052 CaseType=Combination P=-15.0071180430965 V2=3.00031477913806 V3=0 T=0 M2=0 M3=59.8231511486168 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-15.0071180430965 V2=32.3440647791381 V3=0 T=0 M2=0 M3=53.19607998144 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR053 CaseType=Combination P=-22.9932276795294 V2=-0.541965155064321 V3=0 T=0 M2=0 M3=58.9921488543719 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-22.9932276795294 V2=28.8017848449357 V3=0 T=0 M2=0 M3=53.693432662521 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR054 CaseType=Combination P=-11.0887193289216 V2=3.00031477913261 V3=0 T=0 M2=0 M3=29.1608041778191 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-11.0887193289216 V2=16.5940647791326 V3=0 T=0 M2=0 M3=25.4868580106444 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR055 CaseType=Combination P=-19.0748289653546 V2=-0.541965155069778 V3=0 T=0 M2=0 M3=28.3298018835742 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-19.0748289653546 V2=13.0517848449302 V3=0 T=0 M2=0 M3=25.9842106917254 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR056 CaseType=Combination P=-4.47998725703666 V2=0.541965155097802 V3=0 T=0 M2=0 M3=27.8449944630783 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-4.47998725703666 V2=14.1357151550978 V3=0 T=0 M2=0 M3=25.0929294049166 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR057 CaseType=Combination P=-8.39838597121152 V2=0.541965155103259 V3=0 T=0 M2=0 M3=58.5073414338759 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-8.39838597121152 V2=29.8857151551033 V3=0 T=0 M2=0 M3=52.8021513757122 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR058 CaseType=Combination P=-16.3844956067714 V2=4.08424508930655 V3=0 T=0 M2=0 M3=57.6763391396375 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-16.3844956067714 V2=33.4279950893065 V3=0 T=0 M2=0 M3=50.6427941061475 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR059 CaseType=Combination P=-24.3706052432043 V2=0.541965155104168 V3=0 T=0 M2=0 M3=56.8453368453926 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-24.3706052432043 V2=29.8857151551042 V3=0 T=0 M2=0 M3=51.1401467872285 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR060 CaseType=Combination P=-12.4660968925965 V2=4.08424508930109 V3=0 T=0 M2=0 M3=27.0139921688398 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-12.4660968925965 V2=17.6779950893011 V3=0 T=0 M2=0 M3=22.9335721353519 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR061 CaseType=Combination P=-20.4522065290295 V2=0.541965155098711 V3=0 T=0 M2=0 M3=26.1829898745949 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-20.4522065290295 V2=14.1357151550987 V3=0 T=0 M2=0 M3=23.4309248164329 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR062 CaseType=Combination P=-2.17560592073838 V2=1.31819888338214E-11 V3=0 T=0 M2=0 M3=30.3426088684077 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-2.17560592073838 V2=13.5937500000132 V3=0 T=0 M2=0 M3=27.7937807434028 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR063 CaseType=Combination P=-6.09400463491325 V2=1.86389570444589E-11 V3=0 T=0 M2=0 M3=61.0049558392054 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-6.09400463491325 V2=29.3437500000186 V3=0 T=0 M2=0 M3=55.5030027141984 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR064 CaseType=Combination P=-14.0801142704731 V2=3.54227993422193 V3=0 T=0 M2=0 M3=60.1739535449669 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-14.0801142704731 V2=32.8860299342219 V3=0 T=0 M2=0 M3=53.3436454446337 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR065 CaseType=Combination P=-22.066223906906 V2=1.95484517462319E-11 V3=0 T=0 M2=0 M3=59.342951250722 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-22.066223906906 V2=29.3437500000195 V3=0 T=0 M2=0 M3=53.8409981257147 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR066 CaseType=Combination P=-10.1617155562982 V2=3.54227993421648 V3=0 T=0 M2=0 M3=29.5116065741692 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-10.1617155562982 V2=17.1360299342165 V3=0 T=0 M2=0 M3=25.6344234738381 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR067 CaseType=Combination P=-18.1478251927312 V2=1.40914835355943E-11 V3=0 T=0 M2=0 M3=28.6806042799243 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-18.1478251927312 V2=13.5937500000141 V3=0 T=0 M2=0 M3=26.131776154919 FrameElem=31-1  
ElemStation=0.375

PROGETTO SDR  
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Frame=31 Station=0 OutputCase=RAR068 CaseType=Combination P=-5.24775939402741 V2=-0.90327525845953 V3=0 T=0 M2=0 M3=28.4117812022593 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-5.24775939402741 V2=12.6904747415405 V3=0 T=0 M2=0 M3=26.2016812991816 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR069 CaseType=Combination P=-10.9314168674855 V2=-0.541965155062758 V3=0 T=0 M2=0 M3=68.5793064936631 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-10.9314168674855 V2=34.0517848449372 V3=0 T=0 M2=0 M3=62.2962153018116 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR070 CaseType=Combination P=-20.6674625602418 V2=3.78659054369571 V3=0 T=0 M2=0 M3=67.5746612100296 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-20.6674625602418 V2=38.3803405436957 V3=0 T=0 M2=0 M3=59.6683616311437 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR071 CaseType=Combination P=-30.4035082541041 V2=-0.541965155061734 V3=0 T=0 M2=0 M3=66.570015926388 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-30.4035082541041 V2=34.0517848449383 V3=0 T=0 M2=0 M3=60.2869247345362 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR072 CaseType=Combination P=-15.442930941342 V2=3.78659054368843 V3=0 T=0 M2=0 M3=26.6915319156327 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-15.442930941342 V2=17.3803405436884 V3=0 T=0 M2=0 M3=22.7227323367495 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR073 CaseType=Combination P=-25.1789766352043 V2=-0.54196515506901 V3=0 T=0 M2=0 M3=25.6868866319911 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-25.1789766352043 V2=13.051784844931 V3=0 T=0 M2=0 M3=23.341295440142 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR074 CaseType=Combination P=-17.6113935978548 V2=7.96519973501945 V3=0 T=0 M2=0 M3=57.5275218758331 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-19.6738935978548 V2=37.3089497350195 V3=0 T=0 M2=0 M3=49.0386188502008 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR075 CaseType=Combination P=-9.16615810820228 V2=-0.903275258454073 V3=0 T=0 M2=0 M3=59.0741281730569 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-9.16615810820228 V2=28.4404747415459 V3=0 T=0 M2=0 M3=53.9109032699772 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR076 CaseType=Combination P=-17.1522677437621 V2=2.63900467574922 V3=0 T=0 M2=0 M3=58.2431258788185 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-17.1522677437621 V2=31.9827546757492 V3=0 T=0 M2=0 M3=51.7515460004125 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR077 CaseType=Combination P=-25.1383773801951 V2=-0.903275258453164 V3=0 T=0 M2=0 M3=57.4121235845736 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-25.1383773801951 V2=28.4404747415468 V3=0 T=0 M2=0 M3=52.2488986814935 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR078 CaseType=Combination P=-13.2338690295873 V2=2.63900467574376 V3=0 T=0 M2=0 M3=27.5807789080208 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-13.2338690295873 V2=16.2327546757438 V3=0 T=0 M2=0 M3=24.0423240296169 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR079 CaseType=Combination P=-21.2199786660202 V2=-0.903275258458621 V3=0 T=0 M2=0 M3=26.7497766137759 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-21.2199786660202 V2=12.6904747415414 V3=0 T=0 M2=0 M3=24.5396767106979 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR080 CaseType=Combination P=-6.81032472716176 V2=-0.903275258459138 V3=0 T=0 M2=0 M3=27.0344036385844 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-6.81032472716176 V2=12.6904747415409 V3=0 T=0 M2=0 M3=24.8243037355066 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.7287234413366 V2=-0.903275258453681 V3=0 T=0 M2=0 M3=57.6967506093821 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.7287234413366 V2=28.4404747415463 V3=0 T=0 M2=0 M3=52.5335257063022 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.7148330768965 V2=2.63900467574961 V3=0 T=0 M2=0 M3=56.8657483151436 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.7148330768965 V2=31.9827546757496 V3=0 T=0 M2=0 M3=50.3741684367375 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.7009427133294 V2=-0.903275258452771 V3=0 T=0 M2=0 M3=56.0347460208987 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.7009427133294 V2=28.4404747415472 V3=0 T=0 M2=0 M3=50.8715211178185 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR084 CaseType=Combination P=-14.7964343627216 V2=2.63900467574416 V3=0 T=0 M2=0 M3=26.203401344346 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-14.7964343627216 V2=16.2327546757442 V3=0 T=0 M2=0 M3=22.6649464659419 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR085 CaseType=Combination P=-22.7825439991546 V2=-0.903275258458228 V3=0 T=0 M2=0 M3=25.372399050101 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-22.7825439991546 V2=12.6904747415418 V3=0 T=0 M2=0 M3=23.1622991470229 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR086 CaseType=Combination P=-3.68519406089306 V2=-0.903275258459922 V3=0 T=0 M2=0 M3=29.7891587659341 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-3.68519406089306 V2=12.6904747415401 V3=0 T=0 M2=0 M3=27.5790588628566 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR087 CaseType=Combination P=-7.60359277506792 V2=-0.903275258454465 V3=0 T=0 M2=0 M3=60.4515957367318 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-7.60359277506792 V2=28.4404747415455 V3=0 T=0 M2=0 M3=55.2882808336522 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=RAR088 CaseType=Combination P=-15.5897024106278 V2=2.63900467574883 V3=0 T=0 M2=0 M3=59.6205034424933 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-15.5897024106278 V2=31.9827546757488 V3=0 T=0 M2=0 M3=53.1289235640875 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR089 CaseType=Combination P=-23.5758120470607 V2=-0.903275258453556 V3=0 T=0 M2=0 M3=58.7895011482484 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-23.5758120470607 V2=28.4404747415464 V3=0 T=0 M2=0 M3=53.6262762451685 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR090 CaseType=Combination P=-11.6713036964529 V2=2.63900467574337 V3=0 T=0 M2=0 M3=28.9581564716956 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-11.6713036964529 V2=16.2327546757434 V3=0 T=0 M2=0 M3=25.4197015932919 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR091 CaseType=Combination P=-19.6574133328859 V2=-0.903275258459013 V3=0 T=0 M2=0 M3=28.1271541774507 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-19.6574133328859 V2=12.690474741541 V3=0 T=0 M2=0 M3=25.9170542743729 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR092 CaseType=Combination P=-3.63206683956657 V2=-0.903275258459905 V3=0 T=0 M2=0 M3=29.835989603099 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-3.63206683956657 V2=12.6904747415401 V3=0 T=0 M2=0 M3=27.6258897000215 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR093 CaseType=Combination P=-7.55046555374144 V2=-0.903275258454448 V3=0 T=0 M2=0 M3=60.4983365738967 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-7.55046555374144 V2=28.4404747415456 V3=0 T=0 M2=0 M3=55.3351116708171 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR094 CaseType=Combination P=-15.5365751893013 V2=2.63900467574884 V3=0 T=0 M2=0 M3=59.6673342796583 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-15.5365751893013 V2=31.9827546757488 V3=0 T=0 M2=0 M3=53.1757544012524 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR095 CaseType=Combination P=-23.5226848257342 V2=-0.903275258453539 V3=0 T=0 M2=0 M3=58.8363319854133 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-23.5226848257342 V2=28.4404747415465 V3=0 T=0 M2=0 M3=53.6731070823334 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR096 CaseType=Combination P=-11.6181764751264 V2=2.63900467574339 V3=0 T=0 M2=0 M3=29.0049873088606 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-11.6181764751264 V2=16.2327546757434 V3=0 T=0 M2=0 M3=25.4665324304568 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR097 CaseType=Combination P=-19.6042861115594 V2=-0.903275258458996 V3=0 T=0 M2=0 M3=28.1739850146157 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-19.6042861115594 V2=12.690474741541 V3=0 T=0 M2=0 M3=25.9638851115378 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR098 CaseType=Combination P=-7.54338866681887 V2=-0.903275258487952 V3=0 T=0 M2=0 M3=24.8337611872938 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-7.54338866681887 V2=14.4970252584888 V3=0 T=0 M2=0 M3=21.9462048403608 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR099 CaseType=Combination P=-12.3087944311604 V2=0.541965155105731 V3=0 T=0 M2=0 M3=66.4324944846837 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-12.3087944311604 V2=35.1357151551057 V3=0 T=0 M2=0 M3=59.7429294265191 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR100 CaseType=Combination P=-22.0448401239167 V2=4.8705208538642 V3=0 T=0 M2=0 M3=65.4278492010503 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-22.0448401239167 V2=39.4642708538642 V3=0 T=0 M2=0 M3=57.1150757558512 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR101 CaseType=Combination P=-31.780885817779 V2=0.541965155106754 V3=0 T=0 M2=0 M3=64.4232039174087 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-31.780885817779 V2=35.1357151551068 V3=0 T=0 M2=0 M3=57.7336388592437 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR102 CaseType=Combination P=-16.8203085050169 V2=4.87052085385692 V3=0 T=0 M2=0 M3=24.5447199066534 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-16.8203085050169 V2=18.4642708538569 V3=0 T=0 M2=0 M3=20.169446461457 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR103 CaseType=Combination P=-26.5563541988791 V2=0.541965155099479 V3=0 T=0 M2=0 M3=23.5400746230118 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-26.5563541988791 V2=14.1357151550995 V3=0 T=0 M2=0 M3=20.7880095648495 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR104 CaseType=Combination P=-18.9887711615296 V2=9.04913004518794 V3=0 T=0 M2=0 M3=55.3807098668538 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-21.0512711615296 V2=38.3928800451879 V3=0 T=0 M2=0 M3=46.4853329749083 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR105 CaseType=Combination P=-11.4617873809937 V2=-0.903275258493409 V3=0 T=0 M2=0 M3=55.4961081580914 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-11.4617873809937 V2=30.2470252584934 V3=0 T=0 M2=0 M3=49.6554268111564 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR106 CaseType=Combination P=-19.4478970165536 V2=4.4455551926967 V3=0 T=0 M2=0 M3=54.665105863853 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-19.4478970165536 V2=33.7893051926967 V3=0 T=0 M2=0 M3=47.4960695415917 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR107 CaseType=Combination P=-27.4340066529865 V2=-0.903275258494318 V3=0 T=0 M2=0 M3=53.8341055696081 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-27.4340066529865 V2=30.2470252584943 V3=0 T=0 M2=0 M3=47.9934222226727 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=RAR108 CaseType=Combination P=-15.5294983023787 V2=4.44555519269124 V3=0 T=0 M2=0 M3=24.0027588930553 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-15.5294983023787 V2=18.0393051926912 V3=0 T=0 M2=0 M3=19.7868475707961 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR109 CaseType=Combination P=-23.5156079388117 V2=0.903275258488861 V3=0 T=0 M2=0 M3=23.1717565988104 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-23.5156079388117 V2=14.4970252584889 V3=0 T=0 M2=0 M3=20.2842002518771 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR110 CaseType=Combination P=-9.10595399995322 V2=0.903275258488344 V3=0 T=0 M2=0 M3=23.4563836236189 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-9.10595399995322 V2=14.4970252584883 V3=0 T=0 M2=0 M3=20.5688272766858 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR111 CaseType=Combination P=-13.0243527141281 V2=0.903275258493801 V3=0 T=0 M2=0 M3=54.1187305944166 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-13.0243527141281 V2=30.2470252584938 V3=0 T=0 M2=0 M3=48.2780492474814 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR112 CaseType=Combination P=-21.0104623496879 V2=4.44555519269709 V3=0 T=0 M2=0 M3=53.2877283001781 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-21.0104623496879 V2=33.7893051926971 V3=0 T=0 M2=0 M3=46.1186919779167 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR113 CaseType=Combination P=-28.9965719861209 V2=0.90327525849471 V3=0 T=0 M2=0 M3=52.4567260059332 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-28.9965719861209 V2=30.2470252584947 V3=0 T=0 M2=0 M3=46.6160446589977 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR114 CaseType=Combination P=-17.0920636355131 V2=4.44555519269164 V3=0 T=0 M2=0 M3=22.6253813293805 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-17.0920636355131 V2=18.0393051926916 V3=0 T=0 M2=0 M3=18.4094700071211 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR115 CaseType=Combination P=-25.078173271946 V2=0.903275258489254 V3=0 T=0 M2=0 M3=21.7943790351355 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-25.078173271946 V2=14.4970252584893 V3=0 T=0 M2=0 M3=18.9068226882021 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR116 CaseType=Combination P=-5.98082333368452 V2=0.90327525848756 V3=0 T=0 M2=0 M3=26.2111387509686 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-5.98082333368452 V2=14.4970252584876 V3=0 T=0 M2=0 M3=23.3235824040358 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR117 CaseType=Combination P=-9.89922204785938 V2=0.903275258493016 V3=0 T=0 M2=0 M3=56.8734857217663 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-9.89922204785938 V2=30.247025258493 V3=0 T=0 M2=0 M3=51.0328043748314 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR118 CaseType=Combination P=-17.8853316834192 V2=4.44555519269631 V3=0 T=0 M2=0 M3=56.0424834275278 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-17.8853316834192 V2=33.7893051926963 V3=0 T=0 M2=0 M3=48.8734471052667 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR119 CaseType=Combination P=-25.8714413198522 V2=0.903275258493926 V3=0 T=0 M2=0 M3=55.2114811332829 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-25.8714413198522 V2=30.2470252584939 V3=0 T=0 M2=0 M3=49.3707997863477 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR120 CaseType=Combination P=-13.9669329692444 V2=4.44555519269085 V3=0 T=0 M2=0 M3=25.3801364567301 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-13.9669329692444 V2=18.0393051926909 V3=0 T=0 M2=0 M3=21.1642251344711 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR121 CaseType=Combination P=-21.9530426056773 V2=0.903275258488469 V3=0 T=0 M2=0 M3=24.5491341624852 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-21.9530426056773 V2=14.4970252584885 V3=0 T=0 M2=0 M3=21.6615778155521 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR122 CaseType=Combination P=-5.92769611235803 V2=0.903275258487577 V3=0 T=0 M2=0 M3=26.2579695881335 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-5.92769611235803 V2=14.4970252584876 V3=0 T=0 M2=0 M3=23.3704132412007 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR123 CaseType=Combination P=-9.8460948265329 V2=0.903275258493034 V3=0 T=0 M2=0 M3=56.9203165589312 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-9.8460948265329 V2=30.247025258493 V3=0 T=0 M2=0 M3=51.0796352119963 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR124 CaseType=Combination P=-17.8322044620927 V2=4.44555519269633 V3=0 T=0 M2=0 M3=56.0893142646928 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-17.8322044620927 V2=33.7893051926963 V3=0 T=0 M2=0 M3=48.9202779424316 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR125 CaseType=Combination P=-25.8183140985257 V2=0.903275258493943 V3=0 T=0 M2=0 M3=55.2583119704478 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-25.8183140985257 V2=30.2470252584939 V3=0 T=0 M2=0 M3=49.4176306235126 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR126 CaseType=Combination P=-13.9138057479179 V2=4.44555519269087 V3=0 T=0 M2=0 M3=25.4269672938951 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-13.9138057479179 V2=18.0393051926909 V3=0 T=0 M2=0 M3=21.211055971636 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR127 CaseType=Combination P=-21.8999153843508 V2=0.903275258488486 V3=0 T=0 M2=0 M3=24.5959649996502 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-21.8999153843508 V2=14.4970252584885 V3=0 T=0 M2=0 M3=21.708408652717 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=RAR128 CaseType=Combination P=-3.70275310632174 V2=1.35855771077331E-11 V3=0 T=0 M2=0 M3=28.9964518628428 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-3.70275310632174 V2=13.5937500000136 V3=0 T=0 M2=0 M3=26.4476237378377 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.0044130948621 V2=2.11116457649041E-11 V3=0 T=0 M2=0 M3=68.9301088900132 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.0044130948621 V2=34.5937500000211 V3=0 T=0 M2=0 M3=62.4437807650053 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR130 CaseType=Combination P=-19.7404587876184 V2=4.32855569877958 V3=0 T=0 M2=0 M3=67.9254636063797 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-19.7404587876184 V2=38.9223056987796 V3=0 T=0 M2=0 M3=59.8159270943374 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR131 CaseType=Combination P=-29.4765044814807 V2=2.21348273043986E-11 V3=0 T=0 M2=0 M3=66.9208183227382 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-29.4765044814807 V2=34.5937500000221 V3=0 T=0 M2=0 M3=60.4344901977299 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR132 CaseType=Combination P=-14.5159271687186 V2=4.3285556987723 V3=0 T=0 M2=0 M3=27.0423343119828 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-14.5159271687186 V2=17.9223056987723 V3=0 T=0 M2=0 M3=22.8702977999432 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR133 CaseType=Combination P=-24.2519728625809 V2=1.48588696902152E-11 V3=0 T=0 M2=0 M3=26.0376890283413 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-24.2519728625809 V2=13.5937500000149 V3=0 T=0 M2=0 M3=23.4888609033357 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR134 CaseType=Combination P=-16.6843898252313 V2=8.50716489010332 V3=0 T=0 M2=0 M3=57.8783242721832 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-18.7468898252313 V2=37.8509148901033 V3=0 T=0 M2=0 M3=49.1861843133945 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR135 CaseType=Combination P=-7.62115182049661 V2=1.90425453183707E-11 V3=0 T=0 M2=0 M3=59.6587988336405 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-7.62115182049661 V2=29.3437500000019 V3=0 T=0 M2=0 M3=54.1568457086333 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR136 CaseType=Combination P=-15.6072614560565 V2=3.54227993422234 V3=0 T=0 M2=0 M3=58.827796539402 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-15.6072614560565 V2=32.8860299342223 V3=0 T=0 M2=0 M3=51.9974884390687 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR137 CaseType=Combination P=-23.5933710924894 V2=1.99520400210436E-11 V3=0 T=0 M2=0 M3=57.9967942451571 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-23.5933710924894 V2=29.343750000002 V3=0 T=0 M2=0 M3=52.4948411201496 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR138 CaseType=Combination P=-11.6888627418816 V2=3.54227993421688 V3=0 T=0 M2=0 M3=28.1654495686044 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-11.6888627418816 V2=17.1360299342169 V3=0 T=0 M2=0 M3=24.288266468273 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR139 CaseType=Combination P=-19.6749723783145 V2=1.4495071809506E-11 V3=0 T=0 M2=0 M3=27.3344472743594 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-19.6749723783145 V2=13.5937500000145 V3=0 T=0 M2=0 M3=24.785619149354 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR140 CaseType=Combination P=-5.2653184394561 V2=1.3977966978727E-11 V3=0 T=0 M2=0 M3=27.619074299168 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-5.2653184394561 V2=13.5937500000014 V3=0 T=0 M2=0 M3=25.0702461741627 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR141 CaseType=Combination P=-9.18371715363096 V2=1.94347649085103E-11 V3=0 T=0 M2=0 M3=58.2814212699656 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-9.18371715363096 V2=29.34375000000194 V3=0 T=0 M2=0 M3=52.7794681449584 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR142 CaseType=Combination P=-17.1698267891908 V2=3.54227993422273 V3=0 T=0 M2=0 M3=57.4504189757272 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-17.1698267891908 V2=32.8860299342227 V3=0 T=0 M2=0 M3=50.6201108753937 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR143 CaseType=Combination P=-25.1559364256238 V2=2.03442596102832E-11 V3=0 T=0 M2=0 M3=56.6194166814823 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-25.1559364256238 V2=29.34375000000203 V3=0 T=0 M2=0 M3=51.1174635564746 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR144 CaseType=Combination P=-13.2514280750159 V2=3.54227993421727 V3=0 T=0 M2=0 M3=26.7880720049295 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-13.2514280750159 V2=17.1360299342173 V3=0 T=0 M2=0 M3=22.910888904598 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR145 CaseType=Combination P=-21.2375377114489 V2=1.48872913996456E-11 V3=0 T=0 M2=0 M3=25.9570697106846 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-21.2375377114489 V2=13.5937500000149 V3=0 T=0 M2=0 M3=23.408241585679 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR146 CaseType=Combination P=-2.14018777318739 V2=1.31933575175935E-11 V3=0 T=0 M2=0 M3=30.3738294265177 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-2.14018777318739 V2=13.5937500000132 V3=0 T=0 M2=0 M3=27.8250013015127 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR147 CaseType=Combination P=-6.05858648736226 V2=1.86503257282311E-11 V3=0 T=0 M2=0 M3=61.0364763978153 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-6.05858648736226 V2=29.3437500000187 V3=0 T=0 M2=0 M3=55.5342232723083 FrameElem=31-1 ElemStation=0.375

PROGETTO SDR

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3782004RCECOAIDA11000000100

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Frame=31 Station=0 OutputCase=RAR148 CaseType=Combination P=-14.0446961229221 V2=3.54227993422194 V3=0 T=0 M2=0 M3=60.2051741030769 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-14.0446961229221 V2=32.8860299342219 V3=0 T=0 M2=0 M3=53.3748660027436 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR149 CaseType=Combination P=-22.0308057593551 V2=1.9559820430004E-11 V3=0 T=0 M2=0 M3=59.374171808832 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-22.0308057593551 V2=29.3437500000196 V3=0 T=0 M2=0 M3=53.8722186838246 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR150 CaseType=Combination P=-10.1262974087472 V2=3.54227993421649 V3=0 T=0 M2=0 M3=29.5428271322792 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-10.1262974087472 V2=17.1360299342165 V3=0 T=0 M2=0 M3=25.665644031948 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR151 CaseType=Combination P=-18.1124070451802 V2=1.41028522193665E-11 V3=0 T=0 M2=0 M3=28.7118248380343 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-18.1124070451802 V2=13.5937500000141 V3=0 T=0 M2=0 M3=26.162996713029 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR152 CaseType=Combination P=-3.01406432448431 V2=-0.541965155070659 V3=0 T=0 M2=0 M3=30.698578673325 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-3.01406432448431 V2=13.0517848449293 V3=0 T=0 M2=0 M3=27.724266675484 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR153 CaseType=Combination P=-6.93246303865917 V2=-0.541965155065202 V3=0 T=0 M2=0 M3=60.7322048381301 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-6.93246303865917 V2=28.8017848449348 V3=0 T=0 M2=0 M3=55.4334886462796 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR154 CaseType=Combination P=-14.918572674219 V2=3.00031477913809 V3=0 T=0 M2=0 M3=59.9012025438917 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-14.918572674219 V2=32.3440647791381 V3=0 T=0 M2=0 M3=53.2741313767149 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR155 CaseType=Combination P=-22.904682310652 V2=-0.541965155064292 V3=0 T=0 M2=0 M3=59.0702002496468 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-22.904682310652 V2=28.8017848449357 V3=0 T=0 M2=0 M3=53.7714840577959 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR156 CaseType=Combination P=-11.0001739600441 V2=3.00031477913263 V3=0 T=0 M2=0 M3=29.238855573094 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-11.0001739600441 V2=16.5940647791326 V3=0 T=0 M2=0 M3=25.5649094059193 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR157 CaseType=Combination P=-18.9862835964771 V2=-0.541965155069749 V3=0 T=0 M2=0 M3=28.4078532788491 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-18.9862835964771 V2=13.0517848449302 V3=0 T=0 M2=0 M3=26.0622620870003 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR158 CaseType=Combination P=-4.39144188815918 V2=0.54196515509783 V3=0 T=0 M2=0 M3=27.9230458583532 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-4.39144188815918 V2=14.1357151550978 V3=0 T=0 M2=0 M3=25.1709808001915 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR159 CaseType=Combination P=-8.30984060233405 V2=0.541965155103287 V3=0 T=0 M2=0 M3=58.5853928291508 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-8.30984060233405 V2=29.8857151551033 V3=0 T=0 M2=0 M3=52.8802027709871 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR160 CaseType=Combination P=-16.2959502378939 V2=4.08424508930658 V3=0 T=0 M2=0 M3=57.7543905349124 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-16.2959502378939 V2=33.4279950893066 V3=0 T=0 M2=0 M3=50.7208455014224 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR161 CaseType=Combination P=-24.2820598743268 V2=0.541965155104197 V3=0 T=0 M2=0 M3=56.9233882406675 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-24.2820598743268 V2=29.8857151551042 V3=0 T=0 M2=0 M3=51.2181981825034 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR162 CaseType=Combination P=-12.377551523719 V2=4.08424508930112 V3=0 T=0 M2=0 M3=27.0920435641147 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-12.377551523719 V2=17.6779950893011 V3=0 T=0 M2=0 M3=23.0116235306268 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=RAR163 CaseType=Combination P=-20.363661160152 V2=0.54196515509874 V3=0 T=0 M2=0 M3=26.2610412698698 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-20.363661160152 V2=14.1357151550987 V3=0 T=0 M2=0 M3=23.5089762117078 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777318739 V2=9.04913004518794 V3=0 T=0 M2=0 M3=68.9301088900132 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777318739 V2=39.4642708538642 V3=0 T=0 M2=0 M3=62.4437807650053 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623690759 V2=-0.903275258459922 V3=0 T=0 M2=0 M3=21.5917313290121 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623690759 V2=12.6904747415401 V3=0 T=0 M2=0 M3=18.3423135897686 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE01 CaseType=Combination P=-11.8681769585387 V2=1.47792889038101E-11 V3=0 T=0 M2=0 M3=26.0026245426681 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-11.8681769585387 V2=13.5937500000148 V3=0 T=0 M2=0 M3=23.4537964176626 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.313972744598 V2=1.96678229258396E-11 V3=0 T=0 M2=0 M3=57.285181655742 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.313972744598 V2=29.3437500000197 V3=0 T=0 M2=0 M3=51.7831650405668 FrameElem=31-1 ElemStation=0.375

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3782004RCECOAIDA1100000100

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Frame=31 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.3000823801579 V2=3.54227993422296 V3=0 T=0 M2=0 M3=56.4541158713357 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.3000823801579 V2=32.886029934223 V3=0 T=0 M2=0 M3=49.623807710021 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.2861920165908 V2=2.05773176276125E-11 V3=0 T=0 M2=0 M3=55.6231135770908 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.2861920165908 V2=29.3437500000206 V3=0 T=0 M2=0 M3=50.1211604520831 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE05 CaseType=Combination P=-14.381683665983 V2=3.5422799342175 V3=0 T=0 M2=0 M3=25.791768900538 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-14.381683665983 V2=17.1360299342175 V3=0 T=0 M2=0 M3=21.9145858002065 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE06 CaseType=Combination P=-22.3677933024159 V2=1.51203494169749E-11 V3=0 T=0 M2=0 M3=24.9607666062931 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-22.3677933024159 V2=13.5937500000151 V3=0 T=0 M2=0 M3=22.4119384812875 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE07 CaseType=Combination P=-7.95813936355749 V2=1.46030743053416E-11 V3=0 T=0 M2=0 M3=25.2453936311017 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-7.95813936355749 V2=13.5937500000146 V3=0 T=0 M2=0 M3=22.6965655060962 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE08 CaseType=Combination P=-11.61611052221 V2=1.99946725842892E-11 V3=0 T=0 M2=0 M3=56.1373035291785 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-11.61611052221 V2=29.343750000002 V3=0 T=0 M2=0 M3=50.635305404171 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE09 CaseType=Combination P=-19.6022201577698 V2=3.54227993422329 V3=0 T=0 M2=0 M3=55.30630123494 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-19.6022201577698 V2=32.8860299342233 V3=0 T=0 M2=0 M3=48.4759931346063 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE10 CaseType=Combination P=-27.5883297942028 V2=2.09041672860621E-11 V3=0 T=0 M2=0 M3=54.4752989406951 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-27.5883297942028 V2=29.3437500000209 V3=0 T=0 M2=0 M3=48.9733458156873 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE11 CaseType=Combination P=-15.6838214435949 V2=3.54227993421783 V3=0 T=0 M2=0 M3=24.6439542641423 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-15.6838214435949 V2=17.1360299342178 V3=0 T=0 M2=0 M3=20.7667711638107 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE12 CaseType=Combination P=-23.6699310800279 V2=1.54471990754246E-11 V3=0 T=0 M2=0 M3=23.8129519698974 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-23.6699310800279 V2=13.5937500000154 V3=0 T=0 M2=0 M3=21.2641238448916 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE13 CaseType=Combination P=-7.38423204535963 V2=-0.45163762922267 V3=0 T=0 M2=0 M3=26.139898634843 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-7.38423204535963 V2=13.1421123707777 V3=0 T=0 M2=0 M3=23.7604346208014 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE14 CaseType=Combination P=-8.53204668175536 V2=0.451637629251474 V3=0 T=0 M2=0 M3=24.3508886273603 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-8.53204668175536 V2=14.0453876292515 V3=0 T=0 M2=0 M3=21.632696391391 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE15 CaseType=Combination P=-6.61172890150679 V2=1.42904355016071E-11 V3=0 T=0 M2=0 M3=26.4322339651348 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-6.61172890150679 V2=13.5937500000143 V3=0 T=0 M2=0 M3=23.8834058401295 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE16 CaseType=Combination P=-4.83300869728879 V2=1.38186351250624E-11 V3=0 T=0 M2=0 M3=28.0001487584513 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-4.83300869728879 V2=13.5937500000138 V3=0 T=0 M2=0 M3=25.4513206334462 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE17 CaseType=Combination P=-9.01183496698605 V2=1.93409732673899E-11 V3=0 T=0 M2=0 M3=58.4329328019699 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-9.01183496698605 V2=29.3437500000193 V3=0 T=0 M2=0 M3=52.9309796769626 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE18 CaseType=Combination P=-16.9979446025459 V2=3.54227993422263 V3=0 T=0 M2=0 M3=57.6019305077314 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-16.9979446025459 V2=32.8860299342226 V3=0 T=0 M2=0 M3=50.7716224073979 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE19 CaseType=Combination P=-24.9840542389788 V2=2.02504679691629E-11 V3=0 T=0 M2=0 M3=56.7709282134865 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-24.9840542389788 V2=29.3437500000203 V3=0 T=0 M2=0 M3=51.2689750884789 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE20 CaseType=Combination P=-13.079545888371 V2=3.54227993421718 V3=0 T=0 M2=0 M3=26.9395835369337 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-13.079545888371 V2=17.1360299342172 V3=0 T=0 M2=0 M3=23.0624004366023 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE21 CaseType=Combination P=-21.065655524804 V2=1.47934997585253E-11 V3=0 T=0 M2=0 M3=26.1085812426888 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-21.065655524804 V2=13.5937500000148 V3=0 T=0 M2=0 M3=23.5597531176833 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE22 CaseType=Combination P=-4.25910137909092 V2=-0.451637629223052 V3=0 T=0 M2=0 M3=28.894657621927 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-4.25910137909092 V2=13.1421123707769 V3=0 T=0 M2=0 M3=26.5151897481514 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=FRE23 CaseType=Combination P=-5.40691601548665 V2=0.451637629250689 V3=0 T=0 M2=0 M3=27.10564375471 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-5.40691601548665 V2=14.0453876292507 V3=0 T=0 M2=0 M3=24.387451518741 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE24 CaseType=Combination P=-3.48659823523809 V2=1.3505996321328E-11 V3=0 T=0 M2=0 M3=29.1869890924845 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-3.48659823523809 V2=13.5937500000135 V3=0 T=0 M2=0 M3=26.6381609674794 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE25 CaseType=Combination P=-5.7068852485857 V2=-0.541965155070034 V3=0 T=0 M2=0 M3=27.6961771992662 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-5.7068852485857 V2=13.05178484493 V3=0 T=0 M2=0 M3=25.3505860074174 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE26 CaseType=Combination P=-9.74006542640014 V2=-0.451637629217203 V3=0 T=0 M2=0 M3=58.1796231693155 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-9.74006542640014 V2=28.8921123707828 V3=0 T=0 M2=0 M3=52.847034155272 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE27 CaseType=Combination P=-17.72617506196 V2=3.09064230498609 V3=0 T=0 M2=0 M3=57.3486208750771 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-17.72617506196 V2=32.4343923049861 V3=0 T=0 M2=0 M3=50.6876768857073 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE28 CaseType=Combination P=-25.7122846983929 V2=-0.451637629216293 V3=0 T=0 M2=0 M3=56.5176185808322 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-25.7122846983929 V2=28.8921123707837 V3=0 T=0 M2=0 M3=51.1850295667883 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE29 CaseType=Combination P=-13.8077763477851 V2=3.09064230498063 V3=0 T=0 M2=0 M3=26.6862739042794 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-13.8077763477851 V2=16.6843923049806 V3=0 T=0 M2=0 M3=22.9784549149117 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE30 CaseType=Combination P=-21.7938859842181 V2=-0.45163762922175 V3=0 T=0 M2=0 M3=25.8552716100345 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-21.7938859842181 V2=13.1421123707782 V3=0 T=0 M2=0 M3=23.4758075959927 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE31 CaseType=Combination P=-7.00902302619766 V2=-0.541965155069707 V3=0 T=0 M2=0 M3=26.5483625628705 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-7.00902302619766 V2=13.0517848449303 V3=0 T=0 M2=0 M3=24.2027713710216 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE32 CaseType=Combination P=-4.40474747097374 V2=-0.54196515507036 V3=0 T=0 M2=0 M3=28.8439918356619 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-4.40474747097374 V2=13.0517848449296 V3=0 T=0 M2=0 M3=26.4984006438132 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE33 CaseType=Combination P=-4.360474786535 V2=-0.541965155070346 V3=0 T=0 M2=0 M3=28.8830175332993 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-4.360474786535 V2=13.0517848449297 V3=0 T=0 M2=0 M3=26.5374263414507 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE34 CaseType=Combination P=-7.08426281226058 V2=0.541965155098455 V3=0 T=0 M2=0 M3=25.5493651902869 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-7.08426281226058 V2=14.1357151550985 V3=0 T=0 M2=0 M3=22.7973001321249 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE35 CaseType=Combination P=-10.8878800627959 V2=0.451637629256538 V3=0 T=0 M2=0 M3=56.3906131618328 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-10.8878800627959 V2=29.7953876292565 V3=0 T=0 M2=0 M3=50.7192959258616 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.8739896983557 V2=3.99391756345983 V3=0 T=0 M2=0 M3=55.5596108675943 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.8739896983557 V2=33.3376675634598 V3=0 T=0 M2=0 M3=48.5599386562969 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.8600993347887 V2=0.451637629257448 V3=0 T=0 M2=0 M3=54.7286085733494 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.8600993347887 V2=29.7953876292574 V3=0 T=0 M2=0 M3=49.0572913373779 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE38 CaseType=Combination P=-14.9555909841808 V2=3.99391756345437 V3=0 T=0 M2=0 M3=24.8972638967967 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-14.9555909841808 V2=17.5876675634544 V3=0 T=0 M2=0 M3=20.8507166855013 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE39 CaseType=Combination P=-22.9417006206138 V2=0.451637629251991 V3=0 T=0 M2=0 M3=24.0662616025518 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-22.9417006206138 V2=14.045387629252 V3=0 T=0 M2=0 M3=21.3480693665823 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE40 CaseType=Combination P=-8.38640058987254 V2=0.541965155098782 V3=0 T=0 M2=0 M3=24.4015505538912 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE40 CaseType=Combination P=-8.38640058987254 V2=14.1357151550988 V3=0 T=0 M2=0 M3=21.6494854957291 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE41 CaseType=Combination P=-5.78212503464862 V2=0.541965155098128 V3=0 T=0 M2=0 M3=26.6971798266826 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-5.78212503464862 V2=14.1357151550981 V3=0 T=0 M2=0 M3=23.9451147685208 FrameElem=31-1  
ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE42 CaseType=Combination P=-5.73785235020988 V2=0.541965155098143 V3=0 T=0 M2=0 M3=26.73620552432 FrameElem=31-1  
ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-5.73785235020988 V2=14.1357151550981 V3=0 T=0 M2=0 M3=23.9841404661582 FrameElem=31-1  
ElemStation=0.375

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Frame=31 Station=0 OutputCase=FRE43 CaseType=Combination P=-4.7798814759623 V2=1.38356881507207E-11 V3=0 T=0 M2=0 M3=28.0469795956163 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-4.7798814759623 V2=13.5937500000138 V3=0 T=0 M2=0 M3=25.4981514706111 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE44 CaseType=Combination P=-8.96756228254731 V2=1.93551841221051E-11 V3=0 T=0 M2=0 M3=58.4719584996073 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-8.96756228254731 V2=29.3437500000194 V3=0 T=0 M2=0 M3=52.9700053746001 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE45 CaseType=Combination P=-16.9536719181072 V2=3.54227993422265 V3=0 T=0 M2=0 M3=57.6409562053689 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-16.9536719181072 V2=32.8860299342226 V3=0 T=0 M2=0 M3=50.8106481050354 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE46 CaseType=Combination P=-24.9397815545401 V2=2.02646788238781E-11 V3=0 T=0 M2=0 M3=56.809953911124 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-24.9397815545401 V2=29.3437500000203 V3=0 T=0 M2=0 M3=51.3080007861164 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE47 CaseType=Combination P=-13.0352732039323 V2=3.54227993421719 V3=0 T=0 M2=0 M3=26.9786092345712 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-13.0352732039323 V2=17.1360299342172 V3=0 T=0 M2=0 M3=23.1014261342398 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE48 CaseType=Combination P=-21.0213828403652 V2=1.48077106132405E-11 V3=0 T=0 M2=0 M3=26.1476069403263 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-21.0213828403652 V2=13.5937500000148 V3=0 T=0 M2=0 M3=23.5987788153207 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE49 CaseType=Combination P=-3.47774369835034 V2=1.3508838492271E-11 V3=0 T=0 M2=0 M3=29.194794232012 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-3.47774369835034 V2=13.5937500000135 V3=0 T=0 M2=0 M3=26.6459661070069 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE50 CaseType=Combination P=-4.20597415776444 V2=-0.451637629223035 V3=0 T=0 M2=0 M3=28.9414845993577 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-4.20597415776444 V2=13.142112370777 V3=0 T=0 M2=0 M3=26.5620205853163 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=FRE51 CaseType=Combination P=-5.35378879416017 V2=-0.451637629250706 V3=0 T=0 M2=0 M3=27.1524745918749 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-5.35378879416017 V2=14.0453876292507 V3=0 T=0 M2=0 M3=24.434823559059 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369835034 V2=3.99391756345983 V3=0 T=0 M2=0 M3=58.4719584996073 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369835034 V2=33.3376675634598 V3=0 T=0 M2=0 M3=52.9700053746001 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297942028 V2=-0.54196515507036 V3=0 T=0 M2=0 M3=23.8129519698974 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297942028 V2=13.0517848449296 V3=0 T=0 M2=0 M3=20.7667711638107 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE01 CaseType=Combination P=-9.13187549456821 V2=-1.183452640523 V3=0 T=0 M2=0 M3=26.3126978687215 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE01 CaseType=Combination P=-9.13187549456821 V2=12.410297359477 V3=0 T=0 M2=0 M3=24.2076644839176 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE02 CaseType=Combination P=-10.4340132721802 V2=-1.18345264052267 V3=0 T=0 M2=0 M3=25.1648832323258 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE02 CaseType=Combination P=-10.4340132721802 V2=12.4102973594773 V3=0 T=0 M2=0 M3=23.0598498475218 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE03 CaseType=Combination P=-7.82973771695625 V2=-1.18345264052333 V3=0 T=0 M2=0 M3=27.4605125051172 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE03 CaseType=Combination P=-7.82973771695625 V2=12.4102973594767 V3=0 T=0 M2=0 M3=25.3554791203134 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE04 CaseType=Combination P=-8.55796817637035 V2=-1.63509026975987 V3=0 T=0 M2=0 M3=27.2072028724628 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-8.55796817637035 V2=11.9586597302401 V3=0 T=0 M2=0 M3=25.2715335986228 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE05 CaseType=Combination P=-9.70578281276608 V2=-0.73181501128613 V3=0 T=0 M2=0 M3=25.4181928649801 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-9.70578281276608 V2=12.8619349887139 V3=0 T=0 M2=0 M3=23.1437953692124 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE06 CaseType=Combination P=-7.78546503251751 V2=-1.18345264052331 V3=0 T=0 M2=0 M3=27.4995382027546 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-7.78546503251751 V2=12.4102973594767 V3=0 T=0 M2=0 M3=25.3945048179509 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE07 CaseType=Combination P=-9.86010595398231 V2=-1.63509026975954 V3=0 T=0 M2=0 M3=26.0593882360671 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-9.86010595398231 V2=11.9586597302405 V3=0 T=0 M2=0 M3=24.123718962227 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE08 CaseType=Combination P=-11.007920590378 V2=-0.731815011285804 V3=0 T=0 M2=0 M3=24.2703782285844 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-11.007920590378 V2=12.8619349887142 V3=0 T=0 M2=0 M3=21.9959807328166 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE09 CaseType=Combination P=-9.08760281012948 V2=-1.18345264052299 V3=0 T=0 M2=0 M3=26.3517295663589 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-9.08760281012948 V2=12.410297359477 V3=0 T=0 M2=0 M3=24.246690181555 FrameElem=31-1 ElemStation=0.375

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Frame=31 Station=0 OutputCase=QPE10 CaseType=Combination P=-9.13187549439359 V2=1.18345264055199 V3=0 T=0 M2=0 M3=26.3126978687231 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-9.13187549439359 V2=14.777202640552 V3=0 T=0 M2=0 M3=23.3200750035162 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE11 CaseType=Combination P=-10.4340132720056 V2=1.18345264055232 V3=0 T=0 M2=0 M3=25.1648832323274 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-10.4340132720056 V2=14.7772026405523 V3=0 T=0 M2=0 M3=22.1722603671203 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE12 CaseType=Combination P=-7.82973771678163 V2=1.18345264055166 V3=0 T=0 M2=0 M3=27.4605125051188 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-7.82973771678163 V2=14.7772026405517 V3=0 T=0 M2=0 M3=24.467889639912 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE13 CaseType=Combination P=-8.55796817619573 V2=0.731815011315121 V3=0 T=0 M2=0 M3=27.2072028724645 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-8.55796817619573 V2=14.3255650113151 V3=0 T=0 M2=0 M3=24.3839441182214 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE14 CaseType=Combination P=-9.70578281259145 V2=1.63509026978886 V3=0 T=0 M2=0 M3=25.4181928649818 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-9.70578281259145 V2=15.2288402697889 V3=0 T=0 M2=0 M3=22.256205888811 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE15 CaseType=Combination P=-7.78546503234289 V2=1.18345264055168 V3=0 T=0 M2=0 M3=27.4995382027563 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-7.78546503234289 V2=14.7772026405517 V3=0 T=0 M2=0 M3=24.5069153375494 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE16 CaseType=Combination P=-9.86010595380769 V2=0.731815011315447 V3=0 T=0 M2=0 M3=26.0593882360688 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-9.86010595380769 V2=14.3255650113154 V3=0 T=0 M2=0 M3=23.2361294818255 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE17 CaseType=Combination P=-11.0079205902034 V2=1.63509026978919 V3=0 T=0 M2=0 M3=24.2703782285861 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-11.0079205902034 V2=15.2288402697892 V3=0 T=0 M2=0 M3=21.1083912524151 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=QPE18 CaseType=Combination P=-9.08760280995485 V2=1.18345264055201 V3=0 T=0 M2=0 M3=26.3517235663606 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-9.08760280995485 V2=14.777202640552 V3=0 T=0 M2=0 M3=23.3591007011536 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503234289 V2=1.63509026978919 V3=0 T=0 M2=0 M3=27.4995382027563 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503234289 V2=15.2288402697892 V3=0 T=0 M2=0 M3=25.3945048179509 FrameElem=31-1 ElemStation=0.375  
Frame=31 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.007920590378 V2=-1.63509026975987 V3=0 T=0 M2=0 M3=24.2703782285844 FrameElem=31-1 ElemStation=0  
Frame=31 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.007920590378 V2=-11.9586597302401 V3=0 T=0 M2=0 M3=21.1083912524151 FrameElem=31-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR001 CaseType=Combination P=-16.0220388935557 V2=55.0546875000172 V3=0 T=0 M2=0 M3=4.13528141389961 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR001 CaseType=Combination P=-16.0220388935557 V2=73.4062500000172 V3=0 T=0 M2=0 M3=-19.9511443673568 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR002 CaseType=Combination P=-5.41812231818606 V2=55.054687500016 V3=0 T=0 M2=0 M3=5.33686164272845 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR002 CaseType=Combination P=-5.41812231818606 V2=73.406250000016 V3=0 T=0 M2=0 M3=-18.7495641385276 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR003 CaseType=Combination P=-12.4712400037008 V2=140.104687499987 V3=0 T=0 M2=0 M3=-12.6884611901962 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR003 CaseType=Combination P=-12.4712400037008 V2=186.806249999987 V3=0 T=0 M2=0 M3=-48.6073395910488 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR004 CaseType=Combination P=-27.2228530005405 V2=146.643701282566 V3=0 T=0 M2=0 M3=3.7936084276595 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR004 CaseType=Combination P=-27.2228530005405 V2=193.345263782566 V3=0 T=0 M2=0 M3=-59.9543225220529 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR005 CaseType=Combination P=-41.9744659980496 V2=140.104687499978 V3=0 T=0 M2=0 M3=9.61153667588992 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR005 CaseType=Combination P=-41.9744659980496 V2=186.806249999978 V3=0 T=0 M2=0 M3=-51.6842641053518 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR006 CaseType=Combination P=-21.1471870272046 V2=47.3202637825907 V3=0 T=0 M2=0 M3=-5.21153469272422 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR006 CaseType=Combination P=-21.1471870272046 V2=60.9140137825907 V3=0 T=0 M2=0 M3=-25.5054617361957 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR007 CaseType=Combination P=-35.8988000247137 V2=40.7812500000023 V3=0 T=0 M2=0 M3=0.606393555506201 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR007 CaseType=Combination P=-35.8988000247137 V2=54.3750000000023 V3=0 T=0 M2=0 M3=-17.2354033194947 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR008 CaseType=Combination P=-31.4502849015537 V2=131.022323690872 V3=0 T=0 M2=0 M3=-4.15613613283017 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR008 CaseType=Combination P=-34.2346599015537 V2=170.636386190872 V3=0 T=0 M2=0 M3=-60.717144235657 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR009 CaseType=Combination P=-19.147169559825 V2=55.054687500018 V3=0 T=0 M2=0 M3=1.38052628654904 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR009 CaseType=Combination P=-19.147169559825 V2=73.406250000018 V3=0 T=0 M2=0 M3=-22.7058994947077 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR010 CaseType=Combination P=-8.54325298445531 V2=55.0546875000169 V3=0 T=0 M2=0 M3=2.58210651537788 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR010 CaseType=Combination P=-8.54325298445531 V2=73.4062500000169 V3=0 T=0 M2=0 M3=-21.5043192658784 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR011 CaseType=Combination P=-14.3463184034624 V2=140.1046874999987 V3=0 T=0 M2=0 M3=11.0356081137858 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR011 CaseType=Combination P=-14.3463184034624 V2=186.8062499999987 V3=0 T=0 M2=0 M3=-50.2601926674593 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR012 CaseType=Combination P=-29.097931400302 V2=146.643701282567 V3=0 T=0 M2=0 M3=2.14075535124916 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR012 CaseType=Combination P=-29.097931400302 V2=193.345263782567 V3=0 T=0 M2=0 M3=-61.6071755984634 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR013 CaseType=Combination P=-43.8495443978111 V2=140.1046874999987 V3=0 T=0 M2=0 M3=7.95868359947958 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR013 CaseType=Combination P=-43.8495443978111 V2=186.8062499999987 V3=0 T=0 M2=0 M3=-53.3371171817623 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR014 CaseType=Combination P=-23.0222654269662 V2=47.3202637825912 V3=0 T=0 M2=0 M3=-6.86438776913456 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR014 CaseType=Combination P=-23.0222654269662 V2=60.9140137825912 V3=0 T=0 M2=0 M3=-27.1583148126062 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR015 CaseType=Combination P=-37.7738784244752 V2=40.7812500000028 V3=0 T=0 M2=0 M3=-1.04645952090414 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR015 CaseType=Combination P=-37.7738784244752 V2=54.3750000000028 V3=0 T=0 M2=0 M3=-18.8882563959052 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR016 CaseType=Combination P=-33.3253633013152 V2=131.022323690872 V3=0 T=0 M2=0 M3=-5.80898920924051 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR016 CaseType=Combination P=-36.1097383013152 V2=170.636386190872 V3=0 T=0 M2=0 M3=-62.3699973120676 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR017 CaseType=Combination P=-13.8330912485914 V2=118.8421874999995 V3=0 T=0 M2=0 M3=8.09580617597868 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR017 CaseType=Combination P=-13.8330912485914 V2=158.4562499999995 V3=0 T=0 M2=0 M3=-43.8976508552694 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR018 CaseType=Combination P=-26.2222905681373 V2=124.319729000425 V3=0 T=0 M2=0 M3=0.629527766542102 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR018 CaseType=Combination P=-26.2222905681373 V2=163.933791500425 V3=0 T=0 M2=0 M3=-53.4180073273672 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR019 CaseType=Combination P=-38.6114898881954 V2=118.8421874999987 V3=0 T=0 M2=0 M3=5.48771773304178 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR019 CaseType=Combination P=-38.6114898881954 V2=158.4562499999989 V3=0 T=0 M2=0 M3=-46.5057392982039 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR020 CaseType=Combination P=-21.9099040161801 V2=46.2587915004419 V3=0 T=0 M2=0 M3=-6.53771546697468 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR020 CaseType=Combination P=-21.9099040161801 V2=59.8525415004419 V3=0 T=0 M2=0 M3=-26.4335904046404 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR021 CaseType=Combination P=-34.2991033362382 V2=40.7812500000056 V3=0 T=0 M2=0 M3=-1.67952550047501 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR021 CaseType=Combination P=-34.2991033362382 V2=54.3750000000056 V3=0 T=0 M2=0 M3=-19.5213223754771 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR022 CaseType=Combination P=-18.3207430216201 V2=54.404329313917 V3=0 T=0 M2=0 M3=3.40026645130035 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR022 CaseType=Combination P=-18.3207430216201 V2=72.755891813917 V3=0 T=0 M2=0 M3=-20.4422750101685 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR023 CaseType=Combination P=-7.7168264462504 V2=54.4043293139158 V3=0 T=0 M2=0 M3=4.60184668012918 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR023 CaseType=Combination P=-7.7168264462504 V2=72.7558918139158 V3=0 T=0 M2=0 M3=-19.2406947813392 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR024 CaseType=Combination P=-13.0066647103865 V2=118.191829313894 V3=0 T=0 M2=0 M3=10.11554634073 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR024 CaseType=Combination P=-13.0066647103865 V2=157.805891813894 V3=0 T=0 M2=0 M3=-41.6340263707301 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR025 CaseType=Combination P=-25.3958640299323 V2=123.669370814324 V3=0 T=0 M2=0 M3=2.6492679312934 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR025 CaseType=Combination P=-25.3958640299323 V2=163.283433314324 V3=0 T=0 M2=0 M3=-51.154382842828 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR026 CaseType=Combination P=-37.7850633499904 V2=118.191829313887 V3=0 T=0 M2=0 M3=7.50745789779308 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR026 CaseType=Combination P=-37.7850633499904 V2=157.805891813888 V3=0 T=0 M2=0 M3=-44.2421148136647 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR027 CaseType=Combination P=-21.0834774779752 V2=45.6084333143408 V3=0 T=0 M2=0 M3=-4.51797530222338 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR027 CaseType=Combination P=-21.0834774779752 V2=59.2021833143408 V3=0 T=0 M2=0 M3=-24.1699659201012 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR028 CaseType=Combination P=-33.4726767980333 V2=40.1308918139045 V3=0 T=0 M2=0 M3=0.340214664272693 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR028 CaseType=Combination P=-33.4726767980333 V2=53.7246418139045 V3=0 T=0 M2=0 M3=-17.2576978909379 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR029 CaseType=Combination P=-19.9735960980299 V2=55.7050456861191 V3=0 T=0 M2=0 M3=-0.639213878202257 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR029 CaseType=Combination P=-19.9735960980299 V2=74.0566081861191 V3=0 T=0 M2=0 M3=-24.9695239792469 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR030 CaseType=Combination P=-9.36967952266022 V2=55.7050456861179 V3=0 T=0 M2=0 M3=0.562366350626577 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR030 CaseType=Combination P=-9.36967952266022 V2=74.0566081861179 V3=0 T=0 M2=0 M3=-23.7679437504177 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR031 CaseType=Combination P=-14.6595177867963 V2=119.492545686096 V3=0 T=0 M2=0 M3=6.07606601122738 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR031 CaseType=Combination P=-14.6595177867963 V2=159.106608186096 V3=0 T=0 M2=0 M3=-46.1612753398086 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR032 CaseType=Combination P=-27.0487171063422 V2=124.970087186526 V3=0 T=0 M2=0 M3=-1.3902123982092 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR032 CaseType=Combination P=-27.0487171063422 V2=164.584149686526 V3=0 T=0 M2=0 M3=-55.6816318119064 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR033 CaseType=Combination P=-39.4379164264003 V2=119.49254568609 V3=0 T=0 M2=0 M3=3.46797756829047 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR033 CaseType=Combination P=-39.4379164264003 V2=159.10660818609 V3=0 T=0 M2=0 M3=-48.7693637827431 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR034 CaseType=Combination P=-22.736330554385 V2=46.9091496865429 V3=0 T=0 M2=0 M3=-8.55745563172599 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR034 CaseType=Combination P=-22.736330554385 V2=60.5028996865429 V3=0 T=0 M2=0 M3=-28.6972148891796 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR035 CaseType=Combination P=-35.1255298744431 V2=41.4316081861067 V3=0 T=0 M2=0 M3=-3.69926566522631 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR035 CaseType=Combination P=-35.1255298744431 V2=55.0253581861067 V3=0 T=0 M2=0 M3=-21.7849468600163 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR036 CaseType=Combination P=-17.2083384944716 V2=55.0546875000175 V3=0 T=0 M2=0 M3=3.08957636755731 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR036 CaseType=Combination P=-17.2083384944716 V2=73.4062500000176 V3=0 T=0 M2=0 M3=-20.9968494136993 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR037 CaseType=Combination P=-6.60442191910197 V2=55.0546875000164 V3=0 T=0 M2=0 M3=4.29115659638615 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR037 CaseType=Combination P=-6.60442191910197 V2=73.4062500000164 V3=0 T=0 M2=0 M3=-19.79526918487 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR038 CaseType=Combination P=-11.894260183238 V2=118.842187499994 V3=0 T=0 M2=0 M3=9.80485625698695 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR038 CaseType=Combination P=-11.894260183238 V2=158.456249999994 V3=0 T=0 M2=0 M3=-42.1886007742609 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR039 CaseType=Combination P=-24.2834595027839 V2=124.319729000424 V3=0 T=0 M2=0 M3=2.33857784755037 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR039 CaseType=Combination P=-24.2834595027839 V2=163.933791500424 V3=0 T=0 M2=0 M3=-51.7089572463588 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR040 CaseType=Combination P=-36.672658822842 V2=118.842187499988 V3=0 T=0 M2=0 M3=7.19676781405005 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR040 CaseType=Combination P=-36.672658822842 V2=158.456249999988 V3=0 T=0 M2=0 M3=-44.7966892171955 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR041 CaseType=Combination P=-19.9710729508267 V2=46.2587915004414 V3=0 T=0 M2=0 M3=4.82866538596641 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR041 CaseType=Combination P=-19.9710729508267 V2=59.8525415004414 V3=0 T=0 M2=0 M3=-24.7245403236319 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR042 CaseType=Combination P=-32.3602722708848 V2=40.7812500000051 V3=0 T=0 M2=0 M3=2.95245805332607E-02 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR042 CaseType=Combination P=-32.3602722708848 V2=54.3750000000051 V3=0 T=0 M2=0 M3=-17.8122722944686 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR043 CaseType=Combination P=-12.8969082272865 V2=55.0546875000163 V3=0 T=0 M2=0 M3=6.89003654125018 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR043 CaseType=Combination P=-12.8969082272865 V2=73.4062500000164 V3=0 T=0 M2=0 M3=-17.196389240006 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR044 CaseType=Combination P=-2.2929916519168 V2=55.0546875000152 V3=0 T=0 M2=0 M3=8.09161677007901 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR044 CaseType=Combination P=-2.2929916519168 V2=73.4062500000152 V3=0 T=0 M2=0 M3=-15.9948090111767 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR045 CaseType=Combination P=-10.5961616039393 V2=140.104687499986 V3=0 T=0 M2=0 M3=14.3413142666065 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.5961616039393 V2=186.806249999986 V3=0 T=0 M2=0 M3=-46.9544865146383 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR046 CaseType=Combination P=-25.3477746007789 V2=146.643701282566 V3=0 T=0 M2=0 M3=5.44646150406984 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.3477746007789 V2=193.345263782566 V3=0 T=0 M2=0 M3=-58.3014694456423 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR047 CaseType=Combination P=-40.099387598288 V2=140.104687499977 V3=0 T=0 M2=0 M3=-11.2643897523003 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.099387598288 V2=186.806249999977 V3=0 T=0 M2=0 M3=-50.0314110289413 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR048 CaseType=Combination P=-19.2721086274431 V2=47.3202637825902 V3=0 T=0 M2=0 M3=-3.55868161631388 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR048 CaseType=Combination P=-19.2721086274431 V2=60.9140137825902 V3=0 T=0 M2=0 M3=-23.8526086597852 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR049 CaseType=Combination P=-34.0237216249521 V2=40.7812500000018 V3=0 T=0 M2=0 M3=2.25924663191654 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR049 CaseType=Combination P=-34.0237216249521 V2=54.3750000000018 V3=0 T=0 M2=0 M3=-15.5825502430841 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR050 CaseType=Combination P=-29.5752065017921 V2=131.022323690871 V3=0 T=0 M2=0 M3=-2.50328305641983 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR050 CaseType=Combination P=-32.3595815017921 V2=170.636386190871 V3=0 T=0 M2=0 M3=-59.0642911592465 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR051 CaseType=Combination P=-7.58282991605287 V2=118.842187499993 V3=0 T=0 M2=0 M3=13.6053164306798 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR051 CaseType=Combination P=-7.58282991605287 V2=158.456249999993 V3=0 T=0 M2=0 M3=-38.3881406005676 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR052 CaseType=Combination P=-19.9720292355988 V2=124.319729000423 V3=0 T=0 M2=0 M3=6.13903802124324 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR052 CaseType=Combination P=-19.9720292355988 V2=163.933791500423 V3=0 T=0 M2=0 M3=-47.9084970726655 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR053 CaseType=Combination P=-32.3612285556569 V2=118.842187499987 V3=0 T=0 M2=0 M3=10.9972279877429 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR053 CaseType=Combination P=-32.3612285556569 V2=158.456249999987 V3=0 T=0 M2=0 M3=-40.9962290435022 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR054 CaseType=Combination P=-15.6596426836416 V2=46.2587915004402 V3=0 T=0 M2=0 M3=-1.02820521227355 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR054 CaseType=Combination P=-15.6596426836416 V2=59.8525415004402 V3=0 T=0 M2=0 M3=-20.9240801499386 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR055 CaseType=Combination P=-28.0488420036997 V2=40.7812500000039 V3=0 T=0 M2=0 M3=3.82998475422612 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR055 CaseType=Combination P=-28.0488420036997 V2=54.3750000000039 V3=0 T=0 M2=0 M3=-14.0118121207753 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR056 CaseType=Combination P=-12.0704816890816 V2=54.4043293139153 V3=0 T=0 M2=0 M3=8.90977670600148 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR056 CaseType=Combination P=-12.0704816890816 V2=72.7558918139153 V3=0 T=0 M2=0 M3=-14.9327647554667 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR057 CaseType=Combination P=-1.46656511371189 V2=54.4043293139141 V3=0 T=0 M2=0 M3=10.1113569348303 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR057 CaseType=Combination P=-1.46656511371189 V2=72.7558918139141 V3=0 T=0 M2=0 M3=-13.7311845266375 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR058 CaseType=Combination P=-6.75640337784796 V2=118.191829313892 V3=0 T=0 M2=0 M3=15.6250565954311 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR058 CaseType=Combination P=-6.75640337784796 V2=157.805891813892 V3=0 T=0 M2=0 M3=-36.1245161160284 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR059 CaseType=Combination P=-19.1456026973938 V2=123.669370814322 V3=0 T=0 M2=0 M3=8.15877818599454 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR059 CaseType=Combination P=-19.1456026973938 V2=163.28343314322 V3=0 T=0 M2=0 M3=-45.6448725881263 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR060 CaseType=Combination P=-31.5348020174519 V2=118.191829313886 V3=0 T=0 M2=0 M3=13.0169681524942 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR060 CaseType=Combination P=-31.5348020174519 V2=157.805891813886 V3=0 T=0 M2=0 M3=-38.732604558963 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR061 CaseType=Combination P=-14.8332161454367 V2=45.6084333143391 V3=0 T=0 M2=0 M3=0.991534952477752 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR061 CaseType=Combination P=-14.8332161454367 V2=59.2021833143391 V3=0 T=0 M2=0 M3=-18.660455653994 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR062 CaseType=Combination P=-27.2224154654948 V2=40.1308918139028 V3=0 T=0 M2=0 M3=5.84972491897743 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR062 CaseType=Combination P=-27.2224154654948 V2=53.7246418139028 V3=0 T=0 M2=0 M3=-11.7481876362361 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR063 CaseType=Combination P=-13.7233347654914 V2=55.7050456861174 V3=0 T=0 M2=0 M3=4.87029637649888 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR063 CaseType=Combination P=-13.7233347654914 V2=74.0566081861175 V3=0 T=0 M2=0 M3=-19.4600137245452 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR064 CaseType=Combination P=-3.11941819012171 V2=55.7050456861162 V3=0 T=0 M2=0 M3=6.07187660532771 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR064 CaseType=Combination P=-3.11941819012171 V2=74.0566081861163 V3=0 T=0 M2=0 M3=-18.2584334957159 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR065 CaseType=Combination P=-8.40925645425778 V2=119.492545686094 V3=0 T=0 M2=0 M3=11.5855762659285 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR065 CaseType=Combination P=-8.40925645425778 V2=159.106608186094 V3=0 T=0 M2=0 M3=-40.6517650851068 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR066 CaseType=Combination P=-20.7984557738037 V2=124.970087186524 V3=0 T=0 M2=0 M3=4.11929785649193 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR066 CaseType=Combination P=-20.7984557738037 V2=164.584149686524 V3=0 T=0 M2=0 M3=-50.1721215572047 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR067 CaseType=Combination P=-33.1876550938618 V2=119.492545686088 V3=0 T=0 M2=0 M3=8.97748782299161 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR067 CaseType=Combination P=-33.1876550938618 V2=159.106608186088 V3=0 T=0 M2=0 M3=-43.2598535280414 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR068 CaseType=Combination P=-16.4860692218465 V2=46.9091496865413 V3=0 T=0 M2=0 M3=-3.04794537702485 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR068 CaseType=Combination P=-16.4860692218465 V2=60.5028996865413 V3=0 T=0 M2=0 M3=-23.1877046344778 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR069 CaseType=Combination P=-28.8752685419046 V2=41.431608186105 V3=0 T=0 M2=0 M3=1.81024458947482 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR069 CaseType=Combination P=-28.8752685419046 V2=55.025358186105 V3=0 T=0 M2=0 M3=-16.2754366053145 FrameElem=34-1  
ElemStation=0.375

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REV.  
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Frame=34 Station=0 OutputCase=STR070 CaseType=Combination P=-10.9580771619331 V2=55.0546875000158 V3=0 T=0 M2=0 M3=8.59908662225845 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR070 CaseType=Combination P=-10.9580771619331 V2=73.4062500000159 V3=0 T=0 M2=0 M3=-15.4873391589975 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR071 CaseType=Combination P=-0.354160586563471 V2=55.0546875000147 V3=0 T=0 M2=0 M3=9.80066685108728 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR071 CaseType=Combination P=-0.354160586563471 V2=73.4062500000147 V3=0 T=0 M2=0 M3=-14.2857589301682  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR072 CaseType=Combination P=-5.64399885069954 V2=118.842187499993 V3=0 T=0 M2=0 M3=15.3143665116881 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR072 CaseType=Combination P=-5.64399885069954 V2=158.456249999993 V3=0 T=0 M2=0 M3=-36.6790905195591 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR073 CaseType=Combination P=-18.0331981702454 V2=124.319729000423 V3=0 T=0 M2=0 M3=7.84808810225151 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR073 CaseType=Combination P=-18.0331981702454 V2=163.933791500423 V3=0 T=0 M2=0 M3=-46.199446991657 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR074 CaseType=Combination P=-30.4223974903035 V2=118.842187499998 V3=0 T=0 M2=0 M3=12.7062780687512 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR074 CaseType=Combination P=-30.4223974903035 V2=158.456249999998 V3=0 T=0 M2=0 M3=-39.2871789624937 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR075 CaseType=Combination P=-13.7208116182882 V2=46.2587915004397 V3=0 T=0 M2=0 M3=0.68084486873472 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR075 CaseType=Combination P=-13.7208116182882 V2=59.8525415004397 V3=0 T=0 M2=0 M3=-19.2150300689302 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR076 CaseType=Combination P=-26.1100109383463 V2=40.7812500000034 V3=0 T=0 M2=0 M3=5.53903483523439 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR076 CaseType=Combination P=-26.1100109383463 V2=54.3750000000034 V3=0 T=0 M2=0 M3=-12.3027620397669 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR077 CaseType=Combination P=-14.6446613298809 V2=53.9707571898487 V3=0 T=0 M2=0 M3=7.50151502181845 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR077 CaseType=Combination P=-14.6446613298809 V2=72.3223196898487 V3=0 T=0 M2=0 M3=-16.1784368931248 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR078 CaseType=Combination P=-4.04074475451121 V2=53.9707571898475 V3=0 T=0 M2=0 M3=8.70309525064728 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR078 CaseType=Combination P=-4.04074475451121 V2=72.3223196898475 V3=0 T=0 M2=0 M3=-14.9768566642955 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR079 CaseType=Combination P=-11.6448134654959 V2=139.454329313885 V3=0 T=0 M2=0 M3=14.7082013549475 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR079 CaseType=Combination P=-11.6448134654959 V2=186.155891813885 V3=0 T=0 M2=0 M3=-46.3437151065096 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR080 CaseType=Combination P=-26.3964264623356 V2=145.993343096465 V3=0 T=0 M2=0 M3=5.8133485924108 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR080 CaseType=Combination P=-26.3964264623356 V2=192.694905596465 V3=0 T=0 M2=0 M3=-57.6906980375136 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR081 CaseType=Combination P=-41.1480394598447 V2=139.454329313877 V3=0 T=0 M2=0 M3=11.6312768406412 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR081 CaseType=Combination P=-41.1480394598447 V2=186.155891813877 V3=0 T=0 M2=0 M3=-49.4206396208126 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR082 CaseType=Combination P=-20.3207604889997 V2=46.6699055964896 V3=0 T=0 M2=0 M3=-3.19179452797292 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR082 CaseType=Combination P=-20.3207604889997 V2=60.2636555964896 V3=0 T=0 M2=0 M3=-23.2418372516565 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR083 CaseType=Combination P=-35.0723734865088 V2=40.1308918139012 V3=0 T=0 M2=0 M3=2.6261337202575 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR083 CaseType=Combination P=-35.0723734865088 V2=53.7246418139012 V3=0 T=0 M2=0 M3=-14.9717788349554 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR084 CaseType=Combination P=-30.6238583633488 V2=130.371965504771 V3=0 T=0 M2=0 M3=-2.13639596807887 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR084 CaseType=Combination P=-30.6238583633488 V2=169.986028004771 V3=0 T=0 M2=0 M3=-58.4535197511178 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR085 CaseType=Combination P=-9.33058301864727 V2=117.758257189825 V3=0 T=0 M2=0 M3=14.2167949112481 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR085 CaseType=Combination P=-9.33058301864727 V2=157.372319689825 V3=0 T=0 M2=0 M3=-37.3701882536865 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR086 CaseType=Combination P=-21.7197823381932 V2=123.235798690256 V3=0 T=0 M2=0 M3=6.75051650181151 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR086 CaseType=Combination P=-21.7197823381932 V2=162.849861190256 V3=0 T=0 M2=0 M3=-46.8905447257843 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR087 CaseType=Combination P=-34.1089816582513 V2=117.758257189819 V3=0 T=0 M2=0 M3=11.6087064683112 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR087 CaseType=Combination P=-34.1089816582513 V2=157.372319689819 V3=0 T=0 M2=0 M3=-39.978276696621 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR088 CaseType=Combination P=-17.407395786236 V2=45.1748611902726 V3=0 T=0 M2=0 M3=-0.41672673170528 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR088 CaseType=Combination P=-17.407395786236 V2=58.7686111902726 V3=0 T=0 M2=0 M3=-19.9061278030575 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR089 CaseType=Combination P=-29.7965951062941 V2=39.6973196898363 V3=0 T=0 M2=0 M3=4.44146323479439 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR089 CaseType=Combination P=-29.7965951062941 V2=53.2910696898363 V3=0 T=0 M2=0 M3=-12.9938597738942 FrameElem=34-1  
ElemStation=0.375

PROGETTO SDR

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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=34 Station=0 OutputCase=STR090 CaseType=Combination P=-16.5197397296424 V2=53.9707571898492 V3=0 T=0 M2=0 M3=5.84866194540811 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR090 CaseType=Combination P=-16.5197397296424 V2=72.3223196898493 V3=0 T=0 M2=0 M3=-17.8312899695354 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR091 CaseType=Combination P=-5.91582315427276 V2=53.970757189848 V3=0 T=0 M2=0 M3=7.05024217423694 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR091 CaseType=Combination P=-5.91582315427276 V2=72.3223196898481 V3=0 T=0 M2=0 M3=-16.6297097407061 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR092 CaseType=Combination P=-11.2056614184088 V2=117.758257189826 V3=0 T=0 M2=0 M3=12.5639418348377 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR092 CaseType=Combination P=-11.2056614184088 V2=157.372319689826 V3=0 T=0 M2=0 M3=-39.023041330097 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR093 CaseType=Combination P=-23.5948607379547 V2=123.235798690256 V3=0 T=0 M2=0 M3=5.09766342540117 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR093 CaseType=Combination P=-23.5948607379547 V2=162.849861190256 V3=0 T=0 M2=0 M3=-48.5433978021949 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR094 CaseType=Combination P=-35.9840600580128 V2=117.75825718982 V3=0 T=0 M2=0 M3=9.95585339190084 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.9840600580128 V2=157.37231968982 V3=0 T=0 M2=0 M3=-41.6311297730316 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR095 CaseType=Combination P=-19.2824741859975 V2=45.1748611902731 V3=0 T=0 M2=0 M3=-2.06957980811562 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR095 CaseType=Combination P=-19.2824741859975 V2=58.7686111902731 V3=0 T=0 M2=0 M3=-21.558980879468 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR096 CaseType=Combination P=-31.6716735060556 V2=39.6973196898368 V3=0 T=0 M2=0 M3=2.78861015838405 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR096 CaseType=Combination P=-31.6716735060556 V2=53.2910696898368 V3=0 T=0 M2=0 M3=-14.6467128503047 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR097 CaseType=Combination P=-12.7695829301193 V2=53.9707571898482 V3=0 T=0 M2=0 M3=9.15436809822879 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR097 CaseType=Combination P=-12.7695829301193 V2=72.3223196898482 V3=0 T=0 M2=0 M3=-14.5255838167143 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR098 CaseType=Combination P=-2.16566635474966 V2=53.970757189847 V3=0 T=0 M2=0 M3=10.3559483270576 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR098 CaseType=Combination P=-2.16566635474966 V2=72.322319689847 V3=0 T=0 M2=0 M3=-13.324003587885 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR099 CaseType=Combination P=-7.45550461888572 V2=117.758257189825 V3=0 T=0 M2=0 M3=15.8696479876584 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR099 CaseType=Combination P=-7.45550461888572 V2=157.372319689825 V3=0 T=0 M2=0 M3=-35.7173351772759 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR100 CaseType=Combination P=-19.8447039384316 V2=123.235798690255 V3=0 T=0 M2=0 M3=8.40336957822185 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR100 CaseType=Combination P=-19.8447039384316 V2=162.849861190255 V3=0 T=0 M2=0 M3=-45.2376916493738 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR101 CaseType=Combination P=-32.2339032584897 V2=117.758257189819 V3=0 T=0 M2=0 M3=13.2615595447215 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR101 CaseType=Combination P=-32.2339032584897 V2=157.372319689819 V3=0 T=0 M2=0 M3=-38.3254236202105 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR102 CaseType=Combination P=-15.5323173864744 V2=45.174861190272 V3=0 T=0 M2=0 M3=1.23612634470506 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR102 CaseType=Combination P=-15.5323173864744 V2=58.768611190272 V3=0 T=0 M2=0 M3=-18.253274726647 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR103 CaseType=Combination P=-27.9215167065325 V2=39.6973196898358 V3=0 T=0 M2=0 M3=6.09431631120473 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR103 CaseType=Combination P=-27.9215167065325 V2=53.2910696898358 V3=0 T=0 M2=0 M3=-11.3410066974837 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR104 CaseType=Combination P=-12.7058302645275 V2=53.9707571898482 V3=0 T=0 M2=0 M3=9.21056510282672 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR104 CaseType=Combination P=-12.7058302645275 V2=72.3223196898482 V3=0 T=0 M2=0 M3=-14.4693868121164 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR105 CaseType=Combination P=-2.10191368915787 V2=53.970757189847 V3=0 T=0 M2=0 M3=10.4121453316556 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR105 CaseType=Combination P=-2.10191368915787 V2=72.322319689847 V3=0 T=0 M2=0 M3=-13.2678065832871 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR106 CaseType=Combination P=-7.39175195329394 V2=117.758257189825 V3=0 T=0 M2=0 M3=15.9258449922564 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR106 CaseType=Combination P=-7.39175195329394 V2=157.372319689825 V3=0 T=0 M2=0 M3=-35.661138172678 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR107 CaseType=Combination P=-19.7809512728398 V2=123.235798690255 V3=0 T=0 M2=0 M3=8.45956658281978 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR107 CaseType=Combination P=-19.7809512728398 V2=162.849861190255 V3=0 T=0 M2=0 M3=-45.1814946447759 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR108 CaseType=Combination P=-32.1701505928979 V2=117.758257189819 V3=0 T=0 M2=0 M3=13.3177565493194 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR108 CaseType=Combination P=-32.1701505928979 V2=157.372319689819 V3=0 T=0 M2=0 M3=-38.2692266156126 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR109 CaseType=Combination P=-15.4685647208826 V2=45.174861190272 V3=0 T=0 M2=0 M3=1.29232334930299 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR109 CaseType=Combination P=-15.4685647208826 V2=58.768611190272 V3=0 T=0 M2=0 M3=-18.197077722049 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR110 CaseType=Combination P=-27.8577640409407 V2=39.6973196898358 V3=0 T=0 M2=0 M3=6.15051331580266 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR110 CaseType=Combination P=-27.8577640409407 V2=53.2910696898358 V3=0 T=0 M2=0 M3=-11.2848096928857 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR111 CaseType=Combination P=-17.3994164572306 V2=56.1386178101857 V3=0 T=0 M2=0 M3=0.769047805980775 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR111 CaseType=Combination P=-17.3994164572306 V2=74.4901803101857 V3=0 T=0 M2=0 M3=-23.7238518415888 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR112 CaseType=Combination P=-6.79549988186091 V2=56.1386178101845 V3=0 T=0 M2=0 M3=1.97062803480961 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR112 CaseType=Combination P=-6.79549988186091 V2=74.4901803101845 V3=0 T=0 M2=0 M3=-22.5222716127596 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR113 CaseType=Combination P=-13.2976665419057 V2=140.755045686088 V3=0 T=0 M2=0 M3=10.6687210254449 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR113 CaseType=Combination P=-13.2976665419057 V2=187.456608186088 V3=0 T=0 M2=0 M3=-50.870964075588 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR114 CaseType=Combination P=-28.0492795387454 V2=147.294059468667 V3=0 T=0 M2=0 M3=1.7738682629082 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR114 CaseType=Combination P=-28.0492795387454 V2=193.995621968667 V3=0 T=0 M2=0 M3=-62.2179470065921 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR115 CaseType=Combination P=-42.8008925362545 V2=140.755045686079 V3=0 T=0 M2=0 M3=7.59179651113862 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR115 CaseType=Combination P=-42.8008925362545 V2=187.456608186079 V3=0 T=0 M2=0 M3=-53.947888589891 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR116 CaseType=Combination P=-21.9736135654095 V2=47.9706219686917 V3=0 T=0 M2=0 M3=-7.23127485747552 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR116 CaseType=Combination P=-21.9736135654095 V2=61.5643719686917 V3=0 T=0 M2=0 M3=-27.7690862207349 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR117 CaseType=Combination P=-36.7252265629186 V2=41.4316081861033 V3=0 T=0 M2=0 M3=-1.4133466092451 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR117 CaseType=Combination P=-36.7252265629186 V2=55.0253581861033 V3=0 T=0 M2=0 M3=-19.4990278040339 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR118 CaseType=Combination P=-32.2767114397586 V2=131.672681876973 V3=0 T=0 M2=0 M3=-6.17587629758147 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR118 CaseType=Combination P=-32.2767114397586 V2=171.286744376973 V3=0 T=0 M2=0 M3=-62.9807687201962 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR119 CaseType=Combination P=-12.085338145997 V2=119.926117810162 V3=0 T=0 M2=0 M3=7.48432769541041 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR119 CaseType=Combination P=-12.085338145997 V2=159.540180310162 V3=0 T=0 M2=0 M3=-44.9156032021505 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR120 CaseType=Combination P=-24.4745374655428 V2=125.403659310592 V3=0 T=0 M2=0 M3=1.80492859738322E-02 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR120 CaseType=Combination P=-24.4745374655428 V2=165.017721810592 V3=0 T=0 M2=0 M3=-54.4359596742484 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR121 CaseType=Combination P=-36.863736785601 V2=119.926117810156 V3=0 T=0 M2=0 M3=4.87623925247351 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR121 CaseType=Combination P=-36.863736785601 V2=159.540180310156 V3=0 T=0 M2=0 M3=-47.5236916450851 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR122 CaseType=Combination P=-20.1621509135857 V2=47.3427218106095 V3=0 T=0 M2=0 M3=-7.14919394754295 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR122 CaseType=Combination P=-20.1621509135857 V2=60.9364718106095 V3=0 T=0 M2=0 M3=-27.4515427515215 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR123 CaseType=Combination P=-32.5513502336438 V2=41.8651803101732 V3=0 T=0 M2=0 M3=-2.29100398104328 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR123 CaseType=Combination P=-32.5513502336438 V2=55.4589303101732 V3=0 T=0 M2=0 M3=-20.5392747223582 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR124 CaseType=Combination P=-19.2744948569921 V2=56.1386178101862 V3=0 T=0 M2=0 M3=-0.883805270429565 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR124 CaseType=Combination P=-19.2744948569921 V2=74.4901803101862 V3=0 T=0 M2=0 M3=-25.3767049179994 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR125 CaseType=Combination P=-8.67057828162246 V2=56.138617810185 V3=0 T=0 M2=0 M3=0.317774958399269 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR125 CaseType=Combination P=-8.67057828162246 V2=74.490180310185 V3=0 T=0 M2=0 M3=-24.1751246891701 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR126 CaseType=Combination P=-13.9604165457585 V2=119.926117810163 V3=0 T=0 M2=0 M3=5.83147461900007 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR126 CaseType=Combination P=-13.9604165457585 V2=159.540180310163 V3=0 T=0 M2=0 M3=-46.568456278561 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR127 CaseType=Combination P=-26.3496158653044 V2=125.403659310593 V3=0 T=0 M2=0 M3=-1.63480379043651 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR127 CaseType=Combination P=-26.3496158653044 V2=165.017721810593 V3=0 T=0 M2=0 M3=-56.0888127506589 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR128 CaseType=Combination P=-38.7388151853625 V2=119.926117810157 V3=0 T=0 M2=0 M3=3.22338617606317 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR128 CaseType=Combination P=-38.7388151853625 V2=159.540180310157 V3=0 T=0 M2=0 M3=-49.1765447214956 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR129 CaseType=Combination P=-22.0372293133472 V2=47.34272181061 V3=0 T=0 M2=0 M3=-8.80204702395329 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR129 CaseType=Combination P=-22.0372293133472 V2=60.93647181061 V3=0 T=0 M2=0 M3=-29.104395827932 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR130 CaseType=Combination P=-34.4264286334053 V2=41.8651803101737 V3=0 T=0 M2=0 M3=-3.94385705745362 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR130 CaseType=Combination P=-34.4264286334053 V2=55.4589303101737 V3=0 T=0 M2=0 M3=-22.1921277987688 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR131 CaseType=Combination P=-15.524338057469 V2=56.1386178101852 V3=0 T=0 M2=0 M3=2.42190088239111 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR131 CaseType=Combination P=-15.524338057469 V2=74.4901803101852 V3=0 T=0 M2=0 M3=-22.0709987651783 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR132 CaseType=Combination P=-4.92042148209935 V2=56.138617810184 V3=0 T=0 M2=0 M3=3.62348111121995 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR132 CaseType=Combination P=-4.92042148209935 V2=74.490180310184 V3=0 T=0 M2=0 M3=-20.869418536349 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR133 CaseType=Combination P=-10.2102597462354 V2=119.926117810162 V3=0 T=0 M2=0 M3=9.13718077182075 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.2102597462354 V2=159.540180310162 V3=0 T=0 M2=0 M3=-43.26275012574 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR134 CaseType=Combination P=-22.5994590657813 V2=125.403659310592 V3=0 T=0 M2=0 M3=1.67090236238417 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR134 CaseType=Combination P=-22.5994590657813 V2=165.017721810592 V3=0 T=0 M2=0 M3=-52.7831065978378 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR135 CaseType=Combination P=-34.9886583858394 V2=119.926117810156 V3=0 T=0 M2=0 M3=6.52909232888385 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR135 CaseType=Combination P=-34.9886583858394 V2=159.540180310156 V3=0 T=0 M2=0 M3=-45.8708385686745 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR136 CaseType=Combination P=-18.2870725138241 V2=47.342721810609 V3=0 T=0 M2=0 M3=-5.49634087113261 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR136 CaseType=Combination P=-18.2870725138241 V2=60.936471810609 V3=0 T=0 M2=0 M3=-25.798689675111 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR137 CaseType=Combination P=-30.6762718338822 V2=41.8651803101727 V3=0 T=0 M2=0 M3=-0.638150904632939 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR137 CaseType=Combination P=-30.6762718338822 V2=55.4589303101727 V3=0 T=0 M2=0 M3=-18.8864216459477 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR138 CaseType=Combination P=-15.4605853918772 V2=56.1386178101852 V3=0 T=0 M2=0 M3=2.47809788698904 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR138 CaseType=Combination P=-15.4605853918772 V2=74.4901803101852 V3=0 T=0 M2=0 M3=-22.0148017605804 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR139 CaseType=Combination P=-4.85666881650757 V2=56.138617810184 V3=0 T=0 M2=0 M3=3.67967811581788 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR139 CaseType=Combination P=-4.85666881650757 V2=74.490180310184 V3=0 T=0 M2=0 M3=-20.8132215317511 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR140 CaseType=Combination P=-10.146507806436 V2=119.926117810162 V3=0 T=0 M2=0 M3=9.1933777641868 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.146507806436 V2=159.540180310162 V3=0 T=0 M2=0 M3=-43.206553121142 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR141 CaseType=Combination P=-22.5357064001895 V2=125.403659310592 V3=0 T=0 M2=0 M3=1.7270993669821 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR141 CaseType=Combination P=-22.5357064001895 V2=165.017721810592 V3=0 T=0 M2=0 M3=-52.7269095932399 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR142 CaseType=Combination P=-34.9249057202476 V2=119.926117810156 V3=0 T=0 M2=0 M3=6.58528933348178 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR142 CaseType=Combination P=-34.9249057202476 V2=159.540180310156 V3=0 T=0 M2=0 M3=-45.8146415640766 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR143 CaseType=Combination P=-18.2233198482323 V2=47.342721810609 V3=0 T=0 M2=0 M3=-5.44014386653468 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR143 CaseType=Combination P=-18.2233198482323 V2=60.936471810609 V3=0 T=0 M2=0 M3=-25.7424926705131 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR144 CaseType=Combination P=-30.6125191682904 V2=41.8651803101727 V3=0 T=0 M2=0 M3=-0.581953900035009 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR144 CaseType=Combination P=-30.6125191682904 V2=55.4589303101727 V3=0 T=0 M2=0 M3=-18.8302246413498 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR145 CaseType=Combination P=-12.7906537846335 V2=55.0546875000164 V3=0 T=0 M2=0 M3=6.98369821558006 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR145 CaseType=Combination P=-12.7906537846335 V2=73.4062500000164 V3=0 T=0 M2=0 M3=-17.1027275656761 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR146 CaseType=Combination P=-2.18673720926383 V2=55.0546875000152 V3=0 T=0 M2=0 M3=8.1852784444089 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR146 CaseType=Combination P=-2.18673720926383 V2=73.4062500000152 V3=0 T=0 M2=0 M3=-15.9011473368468 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR147 CaseType=Combination P=-10.5324089383475 V2=140.1046874999986 V3=0 T=0 M2=0 M3=14.3975112712044 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.5324089383475 V2=186.8062499999986 V3=0 T=0 M2=0 M3=-46.8982895100403 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR148 CaseType=Combination P=-25.2840219351872 V2=146.643701282566 V3=0 T=0 M2=0 M3=5.50265850866777 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.2840219351872 V2=193.345263782566 V3=0 T=0 M2=0 M3=-58.2452724410444 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR149 CaseType=Combination P=-40.0356349326962 V2=140.1046874999977 V3=0 T=0 M2=0 M3=11.3205867568982 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.0356349326962 V2=186.806249999977 V3=0 T=0 M2=0 M3=-49.9752140243433 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=STR150 CaseType=Combination P=-19.2083559618513 V2=47.3202637825902 V3=0 T=0 M2=0 M3=-3.50248461171595 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR150 CaseType=Combination P=-19.2083559618513 V2=60.9140137825902 V3=0 T=0 M2=0 M3=-23.7964116551873 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR151 CaseType=Combination P=-33.9599689593604 V2=40.7812500000018 V3=0 T=0 M2=0 M3=-2.31544363651447 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR151 CaseType=Combination P=-33.9599689593604 V2=54.3750000000018 V3=0 T=0 M2=0 M3=-15.5263532384862 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR152 CaseType=Combination P=-29.5114538362003 V2=131.022323690871 V3=0 T=0 M2=0 M3=-2.4470860518219 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR152 CaseType=Combination P=-32.2958288362004 V2=170.636386190871 V3=0 T=0 M2=0 M3=-59.0080941546486 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR153 CaseType=Combination P=-7.4765754733999 V2=118.842187499993 V3=0 T=0 M2=0 M3=-13.6989781050097 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR153 CaseType=Combination P=-7.4765754733999 V2=158.456249999993 V3=0 T=0 M2=0 M3=-38.2944789262377 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR154 CaseType=Combination P=-19.8657747929458 V2=124.319729000423 V3=0 T=0 M2=0 M3=-6.23269969557312 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR154 CaseType=Combination P=-19.8657747929458 V2=163.933791500423 V3=0 T=0 M2=0 M3=-47.8148353983356 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR155 CaseType=Combination P=-32.2549741130039 V2=118.842187499987 V3=0 T=0 M2=0 M3=-11.0908896620728 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR155 CaseType=Combination P=-32.2549741130039 V2=158.456249999987 V3=0 T=0 M2=0 M3=-40.9025673691723 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR156 CaseType=Combination P=-15.5533882409886 V2=46.2587915004402 V3=0 T=0 M2=0 M3=-0.934543537943666 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR156 CaseType=Combination P=-15.5533882409886 V2=59.8525415004402 V3=0 T=0 M2=0 M3=-20.8304184756087 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR157 CaseType=Combination P=-27.9425875610467 V2=40.7812500000039 V3=0 T=0 M2=0 M3=-3.92364642855601 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR157 CaseType=Combination P=-27.9425875610467 V2=54.3750000000039 V3=0 T=0 M2=0 M3=-13.9181504464455 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR158 CaseType=Combination P=-14.665732184395 V2=55.0546875000169 V3=0 T=0 M2=0 M3=-5.33084513916972 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR158 CaseType=Combination P=-14.665732184395 V2=73.4062500000169 V3=0 T=0 M2=0 M3=-18.7555806420866 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR159 CaseType=Combination P=-4.06181560902538 V2=55.0546875000157 V3=0 T=0 M2=0 M3=-6.53242536799856 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR159 CaseType=Combination P=-4.06181560902538 V2=73.4062500000157 V3=0 T=0 M2=0 M3=-17.5540004132573 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR160 CaseType=Combination P=-9.35165387316145 V2=118.842187499994 V3=0 T=0 M2=0 M3=-12.0461250285994 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR160 CaseType=Combination P=-9.35165387316145 V2=158.456249999994 V3=0 T=0 M2=0 M3=-39.9473320026482 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR161 CaseType=Combination P=-21.7408531927073 V2=124.319729000424 V3=0 T=0 M2=0 M3=-4.57984661916278 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR161 CaseType=Combination P=-21.7408531927073 V2=163.933791500424 V3=0 T=0 M2=0 M3=-49.4676884747461 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR162 CaseType=Combination P=-34.1300525127654 V2=118.842187499987 V3=0 T=0 M2=0 M3=-9.43803658566245 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR162 CaseType=Combination P=-34.1300525127654 V2=158.456249999987 V3=0 T=0 M2=0 M3=-42.5554204455828 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR163 CaseType=Combination P=-17.4284666407501 V2=46.2587915004407 V3=0 T=0 M2=0 M3=-2.58739661435401 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR163 CaseType=Combination P=-17.4284666407501 V2=59.8525415004407 V3=0 T=0 M2=0 M3=-22.4832715520193 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR164 CaseType=Combination P=-29.8176659608082 V2=40.7812500000044 V3=0 T=0 M2=0 M3=-2.27079335214567 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR164 CaseType=Combination P=-29.8176659608082 V2=54.3750000000044 V3=0 T=0 M2=0 M3=-15.571003522856 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR165 CaseType=Combination P=-10.9155753848719 V2=55.0546875000158 V3=0 T=0 M2=0 M3=-8.6365512919904 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR165 CaseType=Combination P=-10.9155753848719 V2=73.4062500000159 V3=0 T=0 M2=0 M3=-15.4498744892655 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR166 CaseType=Combination P=-0.311658809502283 V2=55.0546875000147 V3=0 T=0 M2=0 M3=-9.83813152081924 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR166 CaseType=Combination P=-0.311658809502283 V2=73.4062500000147 V3=0 T=0 M2=0 M3=-14.2482942604363 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR167 CaseType=Combination P=-5.60149707363835 V2=118.842187499993 V3=0 T=0 M2=0 M3=-15.35183118142 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR167 CaseType=Combination P=-5.60149707363835 V2=158.456249999993 V3=0 T=0 M2=0 M3=-36.6416258498272 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR168 CaseType=Combination P=-17.9906963931842 V2=124.319729000423 V3=0 T=0 M2=0 M3=-7.8855277198346 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR168 CaseType=Combination P=-17.9906963931842 V2=163.933791500423 V3=0 T=0 M2=0 M3=-46.1619823219251 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR169 CaseType=Combination P=-30.3798957132423 V2=118.842187499986 V3=0 T=0 M2=0 M3=-12.7437427384831 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR169 CaseType=Combination P=-30.3798957132423 V2=158.456249999986 V3=0 T=0 M2=0 M3=-39.2497142927618 FrameElem=34-1  
ElemStation=0.375

PROVATO S.D.P.

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3782004RCECOAIDA11000000100

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Frame=34 Station=0 OutputCase=STR170 CaseType=Combination P=-13.678309841227 V2=46.2587915004397 V3=0 T=0 M2=0 M3=0.718309538466674 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR170 CaseType=Combination P=-13.678309841227 V2=59.8525415004397 V3=0 T=0 M2=0 M3=-19.1775653991982 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR171 CaseType=Combination P=-26.0675091612851 V2=40.78125000000034 V3=0 T=0 M2=0 M3=5.57649950496635 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR171 CaseType=Combination P=-26.0675091612851 V2=54.37500000000034 V3=0 T=0 M2=0 M3=-12.2652973700349 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR172 CaseType=Combination P=-11.9642272464286 V2=54.4043293139153 V3=0 T=0 M2=0 M3=9.00343838033136 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR172 CaseType=Combination P=-11.9642272464286 V2=72.7558918139153 V3=0 T=0 M2=0 M3=-14.8391030811369 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR173 CaseType=Combination P=-1.36031067105892 V2=54.4043293139141 V3=0 T=0 M2=0 M3=10.2050186091602 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR173 CaseType=Combination P=-1.36031067105892 V2=72.7558918139141 V3=0 T=0 M2=0 M3=-13.6375228523076 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR174 CaseType=Combination P=-6.65014893519499 V2=118.191829313892 V3=0 T=0 M2=0 M3=15.718718269761 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR174 CaseType=Combination P=-6.65014893519499 V2=157.805891813892 V3=0 T=0 M2=0 M3=-36.0308544416985 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR175 CaseType=Combination P=-19.0393482547409 V2=123.669370814322 V3=0 T=0 M2=0 M3=8.25243986032442 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR175 CaseType=Combination P=-19.0393482547409 V2=163.283433314322 V3=0 T=0 M2=0 M3=-45.5512109137964 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR176 CaseType=Combination P=-31.428547574799 V2=118.191829313886 V3=0 T=0 M2=0 M3=13.1106298268241 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR176 CaseType=Combination P=-31.428547574799 V2=157.805891813886 V3=0 T=0 M2=0 M3=-38.6389428846331 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR177 CaseType=Combination P=-14.7269617027837 V2=45.6084333143391 V3=0 T=0 M2=0 M3=1.08519662680764 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR177 CaseType=Combination P=-14.7269617027837 V2=59.2021833143391 V3=0 T=0 M2=0 M3=-18.5667939910695 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR178 CaseType=Combination P=-27.1161610228418 V2=40.1308918139028 V3=0 T=0 M2=0 M3=5.94338659330731 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR178 CaseType=Combination P=-27.1161610228418 V2=53.7246418139028 V3=0 T=0 M2=0 M3=-11.6545259619062 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR179 CaseType=Combination P=-11.9642272464286 V2=54.4043293139153 V3=0 T=0 M2=0 M3=9.00343838033136 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR179 CaseType=Combination P=-11.9642272464286 V2=72.7558918139153 V3=0 T=0 M2=0 M3=-14.8391030811369 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR180 CaseType=Combination P=-13.6170803228384 V2=55.7050456861174 V3=0 T=0 M2=0 M3=4.96395805082876 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR180 CaseType=Combination P=-13.6170803228384 V2=74.0566081861175 V3=0 T=0 M2=0 M3=-19.3663520502153 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR181 CaseType=Combination P=-3.01316374746874 V2=55.7050456861163 V3=0 T=0 M2=0 M3=6.16553827965759 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR181 CaseType=Combination P=-3.01316374746874 V2=74.0566081861163 V3=0 T=0 M2=0 M3=-18.164771821386 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR182 CaseType=Combination P=-8.30300201160481 V2=119.492545686094 V3=0 T=0 M2=0 M3=11.6792379402584 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR182 CaseType=Combination P=-8.30300201160481 V2=159.106608186094 V3=0 T=0 M2=0 M3=-40.5581034107769 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR183 CaseType=Combination P=-20.6922013311507 V2=124.970087186524 V3=0 T=0 M2=0 M3=4.21295953082182 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR183 CaseType=Combination P=-20.6922013311507 V2=164.584149686524 V3=0 T=0 M2=0 M3=-50.0784598828748 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR184 CaseType=Combination P=-33.0814006512088 V2=119.492545686088 V3=0 T=0 M2=0 M3=9.07114949732149 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR184 CaseType=Combination P=-33.0814006512088 V2=159.106608186088 V3=0 T=0 M2=0 M3=-43.1661918537115 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR185 CaseType=Combination P=-16.3798147791935 V2=46.9091496865413 V3=0 T=0 M2=0 M3=-2.95428370269497 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR185 CaseType=Combination P=-16.3798147791935 V2=60.5028996865413 V3=0 T=0 M2=0 M3=-23.0940429601479 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR186 CaseType=Combination P=-28.7690140992516 V2=41.431608186105 V3=0 T=0 M2=0 M3=1.90390626380471 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR186 CaseType=Combination P=-28.7690140992516 V2=55.025358186105 V3=0 T=0 M2=0 M3=-16.1817749309847 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=STR187 CaseType=Combination P=-13.6170803228384 V2=55.7050456861174 V3=0 T=0 M2=0 M3=4.96395805082876 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=STR187 CaseType=Combination P=-13.6170803228384 V2=74.0566081861175 V3=0 T=0 M2=0 M3=-19.3663520502153 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809502283 V2=147.294059468667 V3=0 T=0 M2=0 M3=15.9258449922564 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658809502283 V2=193.995621968667 V3=0 T=0 M2=0 M3=-11.2848096928857 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443978111 V2=39.6973196898358 V3=0 T=0 M2=0 M3=8.80204702395329 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495443978111 V2=53.2910696898358 V3=0 T=0 M2=0 M3=-62.9807687201962 FrameElem=34-1 ElemStation=0.375

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REV.  
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Frame=34 Station=0 OutputCase=SIS01 CaseType=Combination P=-29.1575742670231 V2=51.59303206447 V3=0 T=0 M2=0 M3=-11.7821584950631 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-32.9788242670231 V2=64.61078206447 V3=0 T=0 M2=0 M3=-33.5703736442394 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS02 CaseType=Combination P=-30.4597120446353 V2=51.5930320644704 V3=0 T=0 M2=0 M3=-12.9299731314592 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-34.2809620446353 V2=64.6107820644704 V3=0 T=0 M2=0 M3=-34.7181882806356 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS03 CaseType=Combination P=-27.8554364894109 V2=51.5930320644697 V3=0 T=0 M2=0 M3=-10.634343858667 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-31.6766864894109 V2=64.6107820644697 V3=0 T=0 M2=0 M3=-32.4225590078431 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS04 CaseType=Combination P=-28.5836669488252 V2=51.1413944352332 V3=0 T=0 M2=0 M3=-10.3795611584302 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-32.4049169488252 V2=64.1591444352332 V3=0 T=0 M2=0 M3=-31.9984121966427 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS05 CaseType=Combination P=-29.7314815852209 V2=52.0446696937069 V3=0 T=0 M2=0 M3=-13.1847558316959 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-33.5527315852209 V2=65.0624196937069 V3=0 T=0 M2=0 M3=-35.142335091836 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS06 CaseType=Combination P=-27.8111638049722 V2=51.5930320644697 V3=0 T=0 M2=0 M3=-10.5953181610296 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-31.6324138049722 V2=64.6107820644697 V3=0 T=0 M2=0 M3=-32.3835333102057 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS07 CaseType=Combination P=-29.8858047264374 V2=51.1413944352335 V3=0 T=0 M2=0 M3=-11.5273757948263 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-33.7070547264374 V2=64.1591444352335 V3=0 T=0 M2=0 M3=-33.1462268330389 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS08 CaseType=Combination P=-31.0336193628331 V2=52.0446696937072 V3=0 T=0 M2=0 M3=-14.332570468092 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-34.8548693628331 V2=65.0624196937072 V3=0 T=0 M2=0 M3=-36.2901497282322 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS09 CaseType=Combination P=-29.1133015825844 V2=51.59303206447 V3=0 T=0 M2=0 M3=-11.7431327974256 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-32.9345515825844 V2=64.61078206447 V3=0 T=0 M2=0 M3=-33.5313479466019 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS10 CaseType=Combination P=-29.2566792188616 V2=55.0490320644669 V3=0 T=0 M2=0 M3=-11.4470081543594 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-33.0779292188616 V2=69.2187820644669 V3=0 T=0 M2=0 M3=-34.7472233035345 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS11 CaseType=Combination P=-30.5588169964738 V2=55.0490320644672 V3=0 T=0 M2=0 M3=-12.5948227907555 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-34.3800669964738 V2=69.2187820644672 V3=0 T=0 M2=0 M3=-35.8950379399307 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS12 CaseType=Combination P=-27.9545414412494 V2=55.0490320644665 V3=0 T=0 M2=0 M3=-10.2991935179633 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-31.7757914412494 V2=69.2187820644665 V3=0 T=0 M2=0 M3=-33.5994086671383 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS13 CaseType=Combination P=-28.6827719006637 V2=54.59739443523 V3=0 T=0 M2=0 M3=-10.0444108177266 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-32.5040219006637 V2=68.76714443523 V3=0 T=0 M2=0 M3=-33.1752618559378 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS14 CaseType=Combination P=-29.8305865370594 V2=55.5006696937037 V3=0 T=0 M2=0 M3=-12.8496054909922 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-33.6518365370594 V2=69.6704196937037 V3=0 T=0 M2=0 M3=-36.3191847511312 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS15 CaseType=Combination P=-27.9102687568106 V2=55.0490320644665 V3=0 T=0 M2=0 M3=-10.2601678203259 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-31.7315187568106 V2=69.2187820644665 V3=0 T=0 M2=0 M3=-33.5603829695008 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS16 CaseType=Combination P=-29.9849096782759 V2=54.5973944352304 V3=0 T=0 M2=0 M3=-11.1922254541226 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-33.8061596782759 V2=68.7671444352304 V3=0 T=0 M2=0 M3=-34.323076492334 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS17 CaseType=Combination P=-31.1327243146716 V2=55.5006696937041 V3=0 T=0 M2=0 M3=-13.9974201273883 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-34.9539743146716 V2=69.6704196937041 V3=0 T=0 M2=0 M3=-37.4669993875274 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS18 CaseType=Combination P=-29.2124065344228 V2=55.0490320644669 V3=0 T=0 M2=0 M3=-11.4079824567219 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-33.0336565344228 V2=69.2187820644669 V3=0 T=0 M2=0 M3=-34.708197605897 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS19 CaseType=Combination P=-21.0173268231333 V2=40.6410632337072 V3=0 T=0 M2=0 M3=-4.38820229128328 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-22.1637018231333 V2=52.3148132337072 V3=0 T=0 M2=0 M3=-21.8174291289235 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS20 CaseType=Combination P=-22.3194646007455 V2=40.6410632337076 V3=0 T=0 M2=0 M3=-5.53601692767935 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-23.4658396007455 V2=52.3148132337076 V3=0 T=0 M2=0 M3=-22.9652437653197 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=SIS21 CaseType=Combination P=-19.7151890455211 V2=40.6410632337069 V3=0 T=0 M2=0 M3=-3.24038765488721 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-20.8615640455211 V2=52.3148132337069 V3=0 T=0 M2=0 M3=-20.6696144925273 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS22 CaseType=Combination P=-20.4434195049354 V2=40.1894256044704 V3=0 T=0 M2=0 M3=-2.98560495465043 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-21.5897945049354 V2=51.8631756044704 V3=0 T=0 M2=0 M3=-20.2454676813268 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS23 CaseType=Combination P=-21.5912341413312 V2=41.0927008629441 V3=0 T=0 M2=0 M3=-5.79079962791613 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-22.7376091413312 V2=52.7664508629441 V3=0 T=0 M2=0 M3=-23.3893905765202 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS24 CaseType=Combination P=-19.6709163610824 V2=40.6410632337069 V3=0 T=0 M2=0 M3=-3.20136195724976 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-20.8172913610824 V2=52.3148132337069 V3=0 T=0 M2=0 M3=-20.6305887948898 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS25 CaseType=Combination P=-21.7455572825476 V2=40.1894256044707 V3=0 T=0 M2=0 M3=-4.1334195910465 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-22.8919322825476 V2=51.8631756044707 V3=0 T=0 M2=0 M3=-21.393282317723 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS26 CaseType=Combination P=-22.8933719189433 V2=41.0927008629445 V3=0 T=0 M2=0 M3=-6.9386142643122 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-24.0397469189433 V2=52.7664508629445 V3=0 T=0 M2=0 M3=-24.5372052129164 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS27 CaseType=Combination P=-20.9730541386946 V2=40.6410632337073 V3=0 T=0 M2=0 M3=-4.34917659364583 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-22.1194291386946 V2=52.3148132337072 V3=0 T=0 M2=0 M3=-21.778403431286 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS28 CaseType=Combination P=-21.3476766625949 V2=52.1610632336968 V3=0 T=0 M2=0 M3=-3.27103448893763 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-22.4940516625949 V2=67.6748132336968 V3=0 T=0 M2=0 M3=-25.7402613265739 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS29 CaseType=Combination P=-22.6498144402071 V2=52.1610632336971 V3=0 T=0 M2=0 M3=-4.4188491253337 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-23.7961894402071 V2=67.6748132336971 V3=0 T=0 M2=0 M3=-26.8880759629701 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS30 CaseType=Combination P=-20.0455388849827 V2=52.1610632336964 V3=0 T=0 M2=0 M3=-2.12321985254156 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-21.1919138849827 V2=67.6748132336964 V3=0 T=0 M2=0 M3=-24.5924466901777 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS31 CaseType=Combination P=-20.773769344397 V2=51.7094256044599 V3=0 T=0 M2=0 M3=-1.86843715230478 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-21.920144344397 V2=67.2231756044599 V3=0 T=0 M2=0 M3=-24.1682998789772 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS32 CaseType=Combination P=-21.9215839807928 V2=52.6127008629336 V3=0 T=0 M2=0 M3=-4.67363182557048 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-23.0679589807927 V2=68.1264508629336 V3=0 T=0 M2=0 M3=-27.3122227741706 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS33 CaseType=Combination P=-20.001266200544 V2=52.1610632336964 V3=0 T=0 M2=0 M3=-2.08419415490411 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-21.147641200544 V2=67.6748132336964 V3=0 T=0 M2=0 M3=-24.5534209925403 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS34 CaseType=Combination P=-22.0759071220092 V2=51.7094256044603 V3=0 T=0 M2=0 M3=-3.01625178870085 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-23.2222821220092 V2=67.2231756044603 V3=0 T=0 M2=0 M3=-25.3161145153734 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS35 CaseType=Combination P=-23.2237217584049 V2=52.612700862934 V3=0 T=0 M2=0 M3=-5.82144646196655 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-24.3700967584049 V2=68.126450862934 V3=0 T=0 M2=0 M3=-28.4600374105668 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=SIS36 CaseType=Combination P=-21.3034039781562 V2=52.1610632336968 V3=0 T=0 M2=0 M3=-3.23200879130018 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-22.4497789781562 V2=67.6748132336968 V3=0 T=0 M2=0 M3=-25.7012356289365 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-19.6709163610824 V2=55.5006696937041 V3=0 T=0 M2=0 M3=-1.86843715230478 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-20.8172913610824 V2=69.6704196937041 V3=0 T=0 M2=0 M3=-20.2454676813268 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-31.1327243146716 V2=40.1894256044704 V3=0 T=0 M2=0 M3=-14.332570468092 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-34.9539743146716 V2=51.8631756044704 V3=0 T=0 M2=0 M3=-37.4669993875274 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR001 CaseType=Combination P=-11.8681769581894 V2=40.7812500000127 V3=0 T=0 M2=0 M3=3.06317141770342 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-11.8681769581894 V2=54.3750000000127 V3=0 T=0 M2=0 M3=-14.7786254573014 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR002 CaseType=Combination P=-11.6201056492648 V2=103.7812499999989 V3=0 T=0 M2=0 M3=9.128947364233 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-11.6201056492648 V2=138.3749999999989 V3=0 T=0 M2=0 M3=-36.2753495107629 FrameElem=34-1 ElemStation=0.375

APPROVATO S.D.P.

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Frame=34 Station=0 OutputCase=RAR003 CaseType=Combination P=-21.3561513421957 V2=108.109805698748 V3=0 T=0 M2=0 M3=3.25467691950189 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-21.3561513421957 V2=142.703555698748 V3=0 T=0 M2=0 M3=-43.7728283425288 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR004 CaseType=Combination P=-31.0921970355923 V2=103.781249999984 V3=0 T=0 M2=0 M3=7.1196567969555 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-31.0921970355923 V2=138.374999999984 V3=0 T=0 M2=0 M3=-38.2846400780384 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR005 CaseType=Combination P=-16.1316197232959 V2=45.1098056987703 V3=0 T=0 M2=0 M3=-2.19095237491865 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-16.1316197232959 V2=58.7035556987703 V3=0 T=0 M2=0 M3=-21.6559576369575 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR006 CaseType=Combination P=-25.8676654166925 V2=40.7812500000055 V3=0 T=0 M2=0 M3=1.67402750253495 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-25.8676654166925 V2=54.3750000000055 V3=0 T=0 M2=0 M3=-16.1677693724671 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR007 CaseType=Combination P=-24.4875823799832 V2=96.5384148900857 V3=0 T=0 M2=0 M3=-2.6340227549349 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-26.5500823799832 V2=125.882164890086 V3=0 T=0 M2=0 M3=-44.3378814637171 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR008 CaseType=Combination P=-8.99984958558931 V2=40.781250000116 V3=0 T=0 M2=0 M3=1.38768879702032 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-8.99984958558931 V2=54.375000000116 V3=0 T=0 M2=0 M3=-16.454108077984 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR009 CaseType=Combination P=-13.1826709823994 V2=103.781249999999 V3=0 T=0 M2=0 M3=7.75156980055772 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-13.1826709823994 V2=138.374999999999 V3=0 T=0 M2=0 M3=-37.6527270744384 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR010 CaseType=Combination P=-22.9187166753303 V2=108.109805698749 V3=0 T=0 M2=0 M3=1.87729935582661 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-22.9187166753303 V2=142.703555698749 V3=0 T=0 M2=0 M3=-45.1502059062042 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR011 CaseType=Combination P=-32.6547623687269 V2=103.781249999984 V3=0 T=0 M2=0 M3=5.74227923328021 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-32.6547623687269 V2=138.374999999984 V3=0 T=0 M2=0 M3=-39.6620176417138 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR012 CaseType=Combination P=-17.6941850564305 V2=45.1098056987707 V3=0 T=0 M2=0 M3=-3.56832993859394 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-17.6941850564305 V2=58.7035556987707 V3=0 T=0 M2=0 M3=-23.03335200633 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR013 CaseType=Combination P=-27.4302307498271 V2=40.7812500000059 V3=0 T=0 M2=0 M3=0.296649938859671 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-27.4302307498271 V2=54.3750000000059 V3=0 T=0 M2=0 M3=-17.5451469361425 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR014 CaseType=Combination P=-26.0501477131178 V2=96.5384148900862 V3=0 T=0 M2=0 M3=4.01140031861019 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-28.1126477131178 V2=125.882164890086 V3=0 T=0 M2=0 M3=-45.7152590273925 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR015 CaseType=Combination P=-12.9182482997642 V2=88.0312499999953 V3=0 T=0 M2=0 M3=5.47191076783573 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-12.9182482997642 V2=117.374999999995 V3=0 T=0 M2=0 M3=-33.0417611071625 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR016 CaseType=Combination P=-20.9043579354404 V2=91.5735299341993 V3=0 T=0 M2=0 M3=0.655843547623208 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-20.9043579354404 V2=120.917279934199 V3=0 T=0 M2=0 M3=-39.1861833027015 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR017 CaseType=Combination P=-28.8904675714659 V2=88.0312499999916 V3=0 T=0 M2=0 M3=3.80990617935034 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-28.8904675714659 V2=117.374999999992 V3=0 T=0 M2=0 M3=-34.7037656956465 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR018 CaseType=Combination P=-16.9859592212656 V2=44.3235299342157 V3=0 T=0 M2=0 M3=-3.4283784231922 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-16.9859592212656 V2=57.9172799342157 V3=0 T=0 M2=0 M3=-22.5985302735231 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR019 CaseType=Combination P=-24.9720688572911 V2=40.781250000008 V3=0 T=0 M2=0 M3=-0.274315791465069 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-24.9720688572911 V2=54.375000000008 V3=0 T=0 M2=0 M3=-18.1161126664681 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR020 CaseType=Combination P=-8.31116080375189 V2=40.2392848449274 V3=0 T=0 M2=0 M3=3.07080560097974 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-8.31116080375189 V2=53.8330348449274 V3=0 T=0 M2=0 M3=-14.567754340868 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR021 CaseType=Combination P=-12.2295595179268 V2=87.489284844911 V3=0 T=0 M2=0 M3=7.15502757179514 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-12.2295595179268 V2=116.833034844911 V3=0 T=0 M2=0 M3=-31.1554073700465 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR022 CaseType=Combination P=-20.215669153603 V2=91.0315647791151 V3=0 T=0 M2=0 M3=2.33896095158263 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-20.215669153603 V2=120.375314779115 V3=0 T=0 M2=0 M3=-37.2998295655855 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR023 CaseType=Combination P=-28.2017787896285 V2=87.4892848449074 V3=0 T=0 M2=0 M3=5.49302298330976 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-28.2017787896285 V2=116.833034844907 V3=0 T=0 M2=0 M3=-32.8174119585305 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR024 CaseType=Combination P=-16.2972704394281 V2=43.7815647791315 V3=0 T=0 M2=0 M3=-1.74526161923278 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-16.2972704394281 V2=57.3753147791315 V3=0 T=0 M2=0 M3=-20.7121765364071 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR025 CaseType=Combination P=-24.2833800754536 V2=40.2392848449237 V3=0 T=0 M2=0 M3=1.40880101249435 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-24.2833800754536 V2=53.8330348449237 V3=0 T=0 M2=0 M3=-16.2297589293521 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR026 CaseType=Combination P=-9.68853836742674 V2=41.3232151550959 V3=0 T=0 M2=0 M3=-0.2954280069391 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-9.68853836742674 V2=54.9169651550959 V3=0 T=0 M2=0 M3=-18.3404618151 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR027 CaseType=Combination P=-13.6069370816016 V2=88.5732151550795 V3=0 T=0 M2=0 M3=3.78879396387631 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-13.6069370816016 V2=117.916965155079 V3=0 T=0 M2=0 M3=-34.9281148442785 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR028 CaseType=Combination P=-21.5930467172779 V2=92.1154950892836 V3=0 T=0 M2=0 M3=-1.02727325633621 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-21.5930467172779 V2=121.459245089284 V3=0 T=0 M2=0 M3=-41.0725370398175 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR029 CaseType=Combination P=-29.5791563533034 V2=88.5732151550758 V3=0 T=0 M2=0 M3=2.12678937539092 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-29.5791563533034 V2=117.916965155076 V3=0 T=0 M2=0 M3=-36.5901194327625 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR030 CaseType=Combination P=-17.674648003103 V2=44.8654950892999 V3=0 T=0 M2=0 M3=-5.11149522715162 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-17.674648003103 V2=58.4592450892999 V3=0 T=0 M2=0 M3=-24.4848840106391 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR031 CaseType=Combination P=-25.6607576391285 V2=41.3232151550922 V3=0 T=0 M2=0 M3=-1.95743259542449 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-25.6607576391285 V2=54.9169651550922 V3=0 T=0 M2=0 M3=-20.0024664035841 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR032 CaseType=Combination P=-7.3841570311282 V2=40.7812500000112 V3=0 T=0 M2=0 M3=2.81189719786054 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-7.3841570311282 V2=54.3750000000112 V3=0 T=0 M2=0 M3=-15.0298996771437 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR033 CaseType=Combination P=-11.3025557453031 V2=88.0312499999948 V3=0 T=0 M2=0 M3=6.89611916867595 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-11.3025557453031 V2=117.374999999995 V3=0 T=0 M2=0 M3=-31.6175527063221 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR034 CaseType=Combination P=-19.2886653809793 V2=91.5735299341989 V3=0 T=0 M2=0 M3=2.08005194846343 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-19.2886653809793 V2=120.917279934199 V3=0 T=0 M2=0 M3=-37.7619749018612 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR035 CaseType=Combination P=-27.2747750170048 V2=88.0312499999912 V3=0 T=0 M2=0 M3=5.23411458019056 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-27.2747750170048 V2=117.374999999991 V3=0 T=0 M2=0 M3=-33.2795572948061 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR036 CaseType=Combination P=-15.3702666668045 V2=44.3235299342153 V3=0 T=0 M2=0 M3=-2.00417002235197 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-15.3702666668045 V2=57.9172799342153 V3=0 T=0 M2=0 M3=-21.1743218726827 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR037 CaseType=Combination P=-23.35637630283 V2=40.7812500000076 V3=0 T=0 M2=0 M3=1.14989260937516 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-23.35637630283 V2=54.3750000000076 V3=0 T=0 M2=0 M3=-16.69190426562777 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR038 CaseType=Combination P=-3.79129847514056 V2=40.7812500000102 V3=0 T=0 M2=0 M3=5.9789473426046 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-3.79129847514056 V2=54.3750000000102 V3=0 T=0 M2=0 M3=-11.8628495323992 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.0575403161301 V2=103.781249999989 V3=0 T=0 M2=0 M3=10.5063249279083 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.0575403161301 V2=138.374999999989 V3=0 T=0 M2=0 M3=-34.8979719470875 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR040 CaseType=Combination P=-19.7935860090611 V2=108.109805698748 V3=0 T=0 M2=0 M3=4.63205448317717 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-19.7935860090611 V2=142.703555698748 V3=0 T=0 M2=0 M3=-42.3954507788533 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR041 CaseType=Combination P=-29.5296317024577 V2=103.781249999983 V3=0 T=0 M2=0 M3=8.49703436063078 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-29.5296317024577 V2=138.374999999983 V3=0 T=0 M2=0 M3=-36.9072625143629 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR042 CaseType=Combination P=-14.5690543901612 V2=45.1098056987699 V3=0 T=0 M2=0 M3=-0.813574811243369 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-14.5690543901612 V2=58.7035556987699 V3=0 T=0 M2=0 M3=-20.2785800732821 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR043 CaseType=Combination P=-24.3051000835578 V2=40.781250000005 V3=0 T=0 M2=0 M3=3.05140506621024 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-24.3051000835578 V2=54.375000000005 V3=0 T=0 M2=0 M3=-14.7903918087917 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR044 CaseType=Combination P=-22.9250170468486 V2=96.5384148900853 V3=0 T=0 M2=0 M3=-1.25664519125962 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-24.9875170468486 V2=125.882164890085 V3=0 T=0 M2=0 M3=-42.9605039000416 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR045 CaseType=Combination P=-7.70969718931542 V2=88.0312499999938 V3=0 T=0 M2=0 M3=10.06316931342 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-7.70969718931542 V2=117.374999999994 V3=0 T=0 M2=0 M3=-28.4505025615777 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR046 CaseType=Combination P=-15.6958068249917 V2=91.5735299341979 V3=0 T=0 M2=0 M3=5.24710209320749 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-15.6958068249917 V2=120.917279934198 V3=0 T=0 M2=0 M3=-34.5949247571167 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR047 CaseType=Combination P=-23.6819164610172 V2=88.0312499999902 V3=0 T=0 M2=0 M3=8.40116472493462 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-23.6819164610172 V2=117.37499999999 V3=0 T=0 M2=0 M3=-30.1125071500617 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR048 CaseType=Combination P=-11.7774081108168 V2=44.3235299342143 V3=0 T=0 M2=0 M3=1.16288012239208 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-11.7774081108168 V2=57.9172799342143 V3=0 T=0 M2=0 M3=-18.0027217279383 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR049 CaseType=Combination P=-19.7635177468423 V2=40.7812500000066 V3=0 T=0 M2=0 M3=4.31694275411921 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-19.7635177468423 V2=54.3750000000066 V3=0 T=0 M2=0 M3=-13.5248541208833 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR050 CaseType=Combination P=-3.10260969330313 V2=40.239284844926 V3=0 T=0 M2=0 M3=7.66206414656402 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-3.10260969330313 V2=53.833034844926 V3=0 T=0 M2=0 M3=-9.97649579528322 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR051 CaseType=Combination P=-7.021008407478 V2=87.4892848449096 V3=0 T=0 M2=0 M3=11.7462861173794 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-7.021008407478 V2=116.83303484491 V3=0 T=0 M2=0 M3=-26.5641488244617 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR052 CaseType=Combination P=-15.0071180431543 V2=91.0315647791137 V3=0 T=0 M2=0 M3=6.9302188971669 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-15.0071180431543 V2=120.375314779114 V3=0 T=0 M2=0 M3=-32.7085710200007 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR053 CaseType=Combination P=-22.9932276791798 V2=87.489284844906 V3=0 T=0 M2=0 M3=10.084281528894 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-22.9932276791798 V2=116.833034844906 V3=0 T=0 M2=0 M3=-28.2261534129457 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR054 CaseType=Combination P=-11.0887193289794 V2=43.7815647791301 V3=0 T=0 M2=0 M3=2.8459969263515 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-11.0887193289794 V2=57.3753147791301 V3=0 T=0 M2=0 M3=-16.1209179908223 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR055 CaseType=Combination P=-19.0748289650049 V2=40.2392848449223 V3=0 T=0 M2=0 M3=6.00005955807863 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-19.0748289650049 V2=53.8330348449223 V3=0 T=0 M2=0 M3=-11.6385003837672 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR056 CaseType=Combination P=-4.47998725697798 V2=41.3232151550944 V3=0 T=0 M2=0 M3=4.29583053864518 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-4.47998725697798 V2=54.9169651550944 V3=0 T=0 M2=0 M3=-13.7492032695152 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR057 CaseType=Combination P=-8.39838597115285 V2=88.5732151550781 V3=0 T=0 M2=0 M3=8.38005250946058 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-8.39838597115285 V2=117.916965155078 V3=0 T=0 M2=0 M3=-30.3368562986937 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR058 CaseType=Combination P=-16.3844956068291 V2=92.1154950892821 V3=0 T=0 M2=0 M3=3.56398528924807 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-16.3844956068291 V2=121.459245089282 V3=0 T=0 M2=0 M3=-36.4812784942327 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR059 CaseType=Combination P=-24.3706052428546 V2=88.5732151550744 V3=0 T=0 M2=0 M3=6.7180479209752 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-24.3706052428546 V2=117.916965155074 V3=0 T=0 M2=0 M3=-31.9988608871777 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR060 CaseType=Combination P=-12.4660968926542 V2=44.8654950892985 V3=0 T=0 M2=0 M3=-0.520236681567338 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-12.4660968926542 V2=58.4592450892985 V3=0 T=0 M2=0 M3=-19.8936254650543 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR061 CaseType=Combination P=-20.4522065286797 V2=41.3232151550908 V3=0 T=0 M2=0 M3=2.63382595015979 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-20.4522065286797 V2=54.9169651550908 V3=0 T=0 M2=0 M3=-15.4112078579993 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR062 CaseType=Combination P=-2.17560592067945 V2=40.7812500000098 V3=0 T=0 M2=0 M3=7.4031574344482 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-2.17560592067945 V2=54.3750000000098 V3=0 T=0 M2=0 M3=-10.4386411315588 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR063 CaseType=Combination P=-6.09400463485431 V2=88.0312499999934 V3=0 T=0 M2=0 M3=11.4873777142602 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-6.09400463485431 V2=117.374999999993 V3=0 T=0 M2=0 M3=-27.0262941607373 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR064 CaseType=Combination P=-14.0801142705306 V2=91.5735299341975 V3=0 T=0 M2=0 M3=6.67131049404771 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-14.0801142705306 V2=120.917279934198 V3=0 T=0 M2=0 M3=-33.1707163562764 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR065 CaseType=Combination P=-22.0662239065561 V2=88.0312499999898 V3=0 T=0 M2=0 M3=9.82537312577484 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-22.0662239065561 V2=117.37499999999 V3=0 T=0 M2=0 M3=-28.6882987492213 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR066 CaseType=Combination P=-10.1617155563557 V2=44.3235299342139 V3=0 T=0 M2=0 M3=2.58708852323231 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-10.1617155563557 V2=57.9172799342139 V3=0 T=0 M2=0 M3=-16.5830633270979 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR067 CaseType=Combination P=-18.1478251923812 V2=40.7812500000062 V3=0 T=0 M2=0 M3=5.74115115495943 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-18.1478251923812 V2=54.3750000000062 V3=0 T=0 M2=0 M3=-12.1006457200429 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR068 CaseType=Combination P=-5.24775939396923 V2=39.8779747415372 V3=0 T=0 M2=0 M3=6.48851274307816 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-5.24775939396923 V2=53.4717247415372 V3=0 T=0 M2=0 M3=-11.0145559099983 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR069 CaseType=Combination P=-10.9314168674273 V2=103.239284844905 V3=0 T=0 M2=0 M3=10.8120641681924 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-10.9314168674273 V2=137.833034844905 V3=0 T=0 M2=0 M3=-34.3889957736469 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR070 CaseType=Combination P=-20.6674625603583 V2=107.567840543664 V3=0 T=0 M2=0 M3=4.93779372346131 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-20.6674625603583 V2=142.161590543664 V3=0 T=0 M2=0 M3=-41.8864746054128 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR071 CaseType=Combination P=-30.4035082537549 V2=103.239284844899 V3=0 T=0 M2=0 M3=8.80277360091491 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-30.4035082537549 V2=137.833034844899 V3=0 T=0 M2=0 M3=-36.3982863409224 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR072 CaseType=Combination P=-15.4429309414584 V2=44.5678405436861 V3=0 T=0 M2=0 M3=-0.507835570959233 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-15.4429309414584 V2=58.1615905436861 V3=0 T=0 M2=0 M3=-19.7696038998415 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR073 CaseType=Combination P=-25.178976634855 V2=40.2392848449212 V3=0 T=0 M2=0 M3=3.35714430649437 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-25.178976634855 V2=53.8330348449212 V3=0 T=0 M2=0 M3=-14.28141563353511 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR074 CaseType=Combination P=-23.7988935981458 V2=95.9964497350015 V3=0 T=0 M2=0 M3=-0.950905950975485 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-25.8613935981458 V2=125.340199735002 V3=0 T=0 M2=0 M3=-42.4515277266011 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR075 CaseType=Combination P=-9.16615810814409 V2=87.1279747415208 V3=0 T=0 M2=0 M3=10.5727347138936 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-9.16615810814409 V2=116.471724741521 V3=0 T=0 M2=0 M3=-27.6022089391767 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR076 CaseType=Combination P=-17.1522677438203 V2=90.6702546757249 V3=0 T=0 M2=0 M3=5.75666749368104 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-17.1522677438203 V2=120.014004675725 V3=0 T=0 M2=0 M3=-33.7466311347158 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR077 CaseType=Combination P=-25.1383773798458 V2=87.1279747415172 V3=0 T=0 M2=0 M3=8.91073012540817 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-25.1383773798458 V2=116.471724741517 V3=0 T=0 M2=0 M3=-29.2642135276608 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR078 CaseType=Combination P=-13.2338690296455 V2=43.4202546757413 V3=0 T=0 M2=0 M3=1.67244552286564 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-13.2338690296455 V2=57.0140046757413 V3=0 T=0 M2=0 M3=-17.1589781055373 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR079 CaseType=Combination P=-21.219978665671 V2=39.8779747415335 V3=0 T=0 M2=0 M3=4.82650815459277 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-21.219978665671 V2=53.4717247415335 V3=0 T=0 M2=0 M3=-12.6765604984823 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR080 CaseType=Combination P=-6.81032472710385 V2=39.8779747415376 V3=0 T=0 M2=0 M3=5.11113517940287 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-6.81032472710385 V2=53.4717247415376 V3=0 T=0 M2=0 M3=-12.3919334736737 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.7287234412787 V2=87.1279747415212 V3=0 T=0 M2=0 M3=9.19535715021828 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.7287234412787 V2=116.471724741521 V3=0 T=0 M2=0 M3=-28.9795865028522 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.714833076955 V2=90.6702546757253 V3=0 T=0 M2=0 M3=4.37928993000576 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.714833076955 V2=120.014004675725 V3=0 T=0 M2=0 M3=-35.1240086983912 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.7009427129805 V2=87.1279747415176 V3=0 T=0 M2=0 M3=7.53335256173289 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.7009427129805 V2=116.471724741518 V3=0 T=0 M2=0 M3=-30.6415910913362 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR084 CaseType=Combination P=-14.7964343627801 V2=43.4202546757417 V3=0 T=0 M2=0 M3=0.295067959190355 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-14.7964343627801 V2=57.0140046757417 V3=0 T=0 M2=0 M3=-18.5363556692128 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR085 CaseType=Combination P=-22.7825439988056 V2=39.8779747415331 V3=0 T=0 M2=0 M3=3.44913059091748 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-22.7825439988056 V2=53.4717247415331 V3=0 T=0 M2=0 M3=-14.0539380621578 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR086 CaseType=Combination P=-3.6851940608346 V2=39.8779747415368 V3=0 T=0 M2=0 M3=7.86589030675344 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-3.6851940608346 V2=53.4717247415368 V3=0 T=0 M2=0 M3=-9.63717834632285 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR087 CaseType=Combination P=-7.60359277500947 V2=87.1279747415204 V3=0 T=0 M2=0 M3=11.9501122775688 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-7.60359277500947 V2=116.4717247415204 V3=0 T=0 M2=0 M3=-26.2248313755013 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR088 CaseType=Combination P=-15.5897024106857 V2=90.6702546757245 V3=0 T=0 M2=0 M3=7.13404505735633 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-15.5897024106857 V2=120.0140046757245 V3=0 T=0 M2=0 M3=-32.3692535710404 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR089 CaseType=Combination P=-23.5758120467112 V2=87.1279747415168 V3=0 T=0 M2=0 M3=10.2881076890835 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-23.5758120467112 V2=116.4717247415168 V3=0 T=0 M2=0 M3=-27.886835639853 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR090 CaseType=Combination P=-11.6713036965109 V2=43.4202546757409 V3=0 T=0 M2=0 M3=3.04982308654092 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-11.6713036965109 V2=57.0140046757409 V3=0 T=0 M2=0 M3=-15.7816005418619 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR091 CaseType=Combination P=-19.6574133325364 V2=39.8779747415331 V3=0 T=0 M2=0 M3=6.20388571826805 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-19.6574133325364 V2=53.4717247415331 V3=0 T=0 M2=0 M3=-11.2991829348069 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR092 CaseType=Combination P=-3.63206683950812 V2=39.8779747415368 V3=0 T=0 M2=0 M3=7.91272114391838 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-3.63206683950812 V2=53.4717247415368 V3=0 T=0 M2=0 M3=-9.59034750915791 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR093 CaseType=Combination P=-7.55046555368298 V2=87.1279747415204 V3=0 T=0 M2=0 M3=11.996431147338 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-7.55046555368298 V2=116.4717247415204 V3=0 T=0 M2=0 M3=-26.1780005383364 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR094 CaseType=Combination P=-15.5365751893592 V2=90.6702546757245 V3=0 T=0 M2=0 M3=7.18087589452127 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-15.5365751893592 V2=120.0140046757245 V3=0 T=0 M2=0 M3=-32.3224227338754 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR095 CaseType=Combination P=-23.5226848253847 V2=87.1279747415168 V3=0 T=0 M2=0 M3=10.3349385262484 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-23.5226848253847 V2=116.4717247415168 V3=0 T=0 M2=0 M3=-27.8400051268204 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR096 CaseType=Combination P=-11.6181764751844 V2=43.4202546757409 V3=0 T=0 M2=0 M3=3.09665392370586 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-11.6181764751844 V2=57.0140046757409 V3=0 T=0 M2=0 M3=-15.734769704697 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR097 CaseType=Combination P=-19.6042861112099 V2=39.8779747415331 V3=0 T=0 M2=0 M3=6.25071655543299 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-19.6042861112099 V2=53.4717247415331 V3=0 T=0 M2=0 M3=-11.2523520976419 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR098 CaseType=Combination P=-7.54338866676064 V2=41.6845252584846 V3=0 T=0 M2=0 M3=0.87812339654676 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-7.54338866676064 V2=55.2782752584846 V3=0 T=0 M2=0 M3=-17.302401700385 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR099 CaseType=Combination P=-12.3087944311022 V2=104.323215155073 V3=0 T=0 M2=0 M3=7.44583056027358 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-12.3087944311022 V2=138.916965155073 V3=0 T=0 M2=0 M3=-38.1617032478789 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR100 CaseType=Combination P=-22.0448401240331 V2=108.651770853833 V3=0 T=0 M2=0 M3=1.57156011554247 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-22.0448401240331 V2=143.245520853833 V3=0 T=0 M2=0 M3=-45.6591820796448 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR101 CaseType=Combination P=-31.7808858174297 V2=104.323215155068 V3=0 T=0 M2=0 M3=5.43653999299608 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-31.7808858174297 V2=138.916965155068 V3=0 T=0 M2=0 M3=-40.1709938151544 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR102 CaseType=Combination P=-16.8203085051333 V2=45.6517708538545 V3=0 T=0 M2=0 M3=-3.87406917887807 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-16.8203085051333 V2=59.2455208538545 V3=0 T=0 M2=0 M3=-23.5423113740735 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR103 CaseType=Combination P=-26.5563541985299 V2=41.3232151550897 V3=0 T=0 M2=0 M3=-9.08930142446374E-03  
FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-26.5563541985299 V2=54.9169651550897 V3=0 T=0 M2=0 M3=-18.0541231095831  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR104 CaseType=Combination P=-25.1762711618206 V2=97.08038004517 V3=0 T=0 M2=0 M3=-4.31713955889432 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-27.2387711618206 V2=126.42413004517 V3=0 T=0 M2=0 M3=-46.2242352008331 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR105 CaseType=Combination P=-11.4617873809355 V2=88.9345252584683 V3=0 T=0 M2=0 M3=4.96234536736217 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-11.4617873809355 V2=118.278275258468 V3=0 T=0 M2=0 M3=-33.8900547295634  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR106 CaseType=Combination P=-19.4478970166118 V2=92.4768051926724 V3=0 T=0 M2=0 M3=0.146278147149649 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-19.4478970166118 V2=121.820555192672 V3=0 T=0 M2=0 M3=-40.0344769251025  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR107 CaseType=Combination P=-27.4340066526373 V2=88.9345252584646 V3=0 T=0 M2=0 M3=3.30034077887678 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-27.4340066526373 V2=118.278275258465 V3=0 T=0 M2=0 M3=-35.5520593180475  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR108 CaseType=Combination P=-15.5294983024369 V2=45.2268051926887 V3=0 T=0 M2=0 M3=-3.93794382366576 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-15.5294983024369 V2=58.8205551926887 V3=0 T=0 M2=0 M3=-23.446823895924 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR109 CaseType=Combination P=-23.5156079384624 V2=41.684525258481 V3=0 T=0 M2=0 M3=-0.783881191938628 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-23.5156079384624 V2=55.278275258481 V3=0 T=0 M2=0 M3=-18.964406288869 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR110 CaseType=Combination P=-9.10595399989527 V2=41.6845252584851 V3=0 T=0 M2=0 M3=-0.499254167128523 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-9.10595399989527 V2=55.2782752584851 V3=0 T=0 M2=0 M3=-18.679792640604  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR111 CaseType=Combination P=-13.0243527140701 V2=88.9345252584687 V3=0 T=0 M2=0 M3=3.58496780368688 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-13.0243527140701 V2=118.278275258469 V3=0 T=0 M2=0 M3=-35.2674322923289  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR112 CaseType=Combination P=-21.0104623497464 V2=92.4768051926728 V3=0 T=0 M2=0 M3=-1.23109941652563 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-21.0104623497464 V2=121.820555192673 V3=0 T=0 M2=0 M3=-41.4118544887779  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR113 CaseType=Combination P=-28.9965719857719 V2=88.9345252584651 V3=0 T=0 M2=0 M3=1.9229632152015 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-28.9965719857719 V2=118.278275258465 V3=0 T=0 M2=0 M3=-36.9294368817229  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR114 CaseType=Combination P=-17.0920636355715 V2=45.2268051926891 V3=0 T=0 M2=0 M3=-5.31532138734104 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-17.0920636355715 V2=58.8205551926891 V3=0 T=0 M2=0 M3=-24.8242014595995  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR115 CaseType=Combination P=-25.078173271597 V2=41.6845252584814 V3=0 T=0 M2=0 M3=-2.16125875561391 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-25.078173271597 V2=55.2782752584814 V3=0 T=0 M2=0 M3=-20.3417835825444 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR116 CaseType=Combination P=-5.9808233362602 V2=41.6845252584842 V3=0 T=0 M2=0 M3=2.25550096022204 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-5.9808233362602 V2=55.2782752584842 V3=0 T=0 M2=0 M3=-15.9250241367095  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR117 CaseType=Combination P=-9.89922204780088 V2=88.9345252584678 V3=0 T=0 M2=0 M3=6.33972293103745 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-9.89922204780088 V2=118.278275258468 V3=0 T=0 M2=0 M3=-32.512677165888 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR118 CaseType=Combination P=-17.8853316834771 V2=92.4768051926719 V3=0 T=0 M2=0 M3=1.52365571082493 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-17.8853316834771 V2=121.820555192672 V3=0 T=0 M2=0 M3=-38.657099361427 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR119 CaseType=Combination P=-25.8714413195026 V2=88.9345252584642 V3=0 T=0 M2=0 M3=4.67771834255206 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-25.8714413195026 V2=118.278275258464 V3=0 T=0 M2=0 M3=-34.174681754372 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR120 CaseType=Combination P=-13.9669329693023 V2=45.2268051926883 V3=0 T=0 M2=0 M3=-2.56056625999047 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-13.9669329693023 V2=58.8205551926883 V3=0 T=0 M2=0 M3=-22.0694463322486  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR121 CaseType=Combination P=-21.9530426053278 V2=41.6845252584806 V3=0 T=0 M2=0 M3=0.593496371736656 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-21.9530426053278 V2=55.2782752584806 V3=0 T=0 M2=0 M3=-17.5870287251936  
FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR122 CaseType=Combination P=-5.92769611229953 V2=41.6845252584842 V3=0 T=0 M2=0 M3=2.30233179738699 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-5.92769611229953 V2=55.2782752584842 V3=0 T=0 M2=0 M3=-15.8781932995446  
FrameElem=34-1 ElemStation=0.375

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REV.  
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Frame=34 Station=0 OutputCase=RAR123 CaseType=Combination P=-9.8460948264744 V2=88.9345252584679 V3=0 T=0 M2=0 M3=6.38655376820239 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-9.8460948264744 V2=118.278275258468 V3=0 T=0 M2=0 M3=-32.465846328723 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR124 CaseType=Combination P=-17.8322044621506 V2=92.4768051926719 V3=0 T=0 M2=0 M3=1.57048654798987 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-17.8322044621506 V2=121.820555192672 V3=0 T=0 M2=0 M3=-38.6102685242621 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR125 CaseType=Combination P=-25.8183140981762 V2=88.9345252584642 V3=0 T=0 M2=0 M3=4.724549179717 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-25.8183140981762 V2=118.278275258464 V3=0 T=0 M2=0 M3=-34.1278509172071 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR126 CaseType=Combination P=-13.9138057479758 V2=45.2268051926883 V3=0 T=0 M2=0 M3=-2.51373542282553 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-13.9138057479758 V2=58.8205551926883 V3=0 T=0 M2=0 M3=-22.0226154950836 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR127 CaseType=Combination P=-21.8999153840013 V2=41.6845252584806 V3=0 T=0 M2=0 M3=0.640327208901597 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-21.8999153840013 V2=55.2782752584806 V3=0 T=0 M2=0 M3=-17.5401978880286 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR128 CaseType=Combination P=-3.70275310626308 V2=40.7812500000102 V3=0 T=0 M2=0 M3=6.0569987378795 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-3.70275310626308 V2=54.3750000000102 V3=0 T=0 M2=0 M3=-11.7847981371243 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.0044130948036 V2=103.7812499999989 V3=0 T=0 M2=0 M3=10.5531557650732 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.0044130948036 V2=138.3749999999989 V3=0 T=0 M2=0 M3=-34.8511411099225 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR130 CaseType=Combination P=-19.7404587877346 V2=108.109805698748 V3=0 T=0 M2=0 M3=4.67888532034211 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-19.7404587877346 V2=142.703555698748 V3=0 T=0 M2=0 M3=-42.3486199416884 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR131 CaseType=Combination P=-29.4765044811312 V2=103.7812499999983 V3=0 T=0 M2=0 M3=8.54386519779572 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-29.4765044811312 V2=138.3749999999983 V3=0 T=0 M2=0 M3=-36.860431677198 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR132 CaseType=Combination P=-14.519271688348 V2=45.1098056987699 V3=0 T=0 M2=0 M3=-0.766743974078427 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-14.519271688348 V2=58.7035556987699 V3=0 T=0 M2=0 M3=-20.2317492361171 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR133 CaseType=Combination P=-24.2519728622313 V2=40.7812500000005 V3=0 T=0 M2=0 M3=3.09823590337518 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-24.2519728622313 V2=54.3750000000005 V3=0 T=0 M2=0 M3=-14.7435609716267 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR134 CaseType=Combination P=-22.8718898255221 V2=96.5384148900853 V3=0 T=0 M2=0 M3=-1.20981435409468 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-24.9343898255221 V2=125.882164890085 V3=0 T=0 M2=0 M3=-42.9136730628767 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR135 CaseType=Combination P=-7.62115182043795 V2=88.0312499999938 V3=0 T=0 M2=0 M3=10.1412207086949 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-7.62115182043795 V2=117.374999999994 V3=0 T=0 M2=0 M3=-28.3724511663028 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR136 CaseType=Combination P=-15.6072614561142 V2=91.5735299341979 V3=0 T=0 M2=0 M3=5.32515348848239 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-15.6072614561142 V2=120.917279934198 V3=0 T=0 M2=0 M3=-34.5168733618418 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR137 CaseType=Combination P=-23.5933710921397 V2=88.0312499999902 V3=0 T=0 M2=0 M3=8.47921612020952 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-23.5933710921397 V2=117.37499999999 V3=0 T=0 M2=0 M3=-30.0344557547868 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR138 CaseType=Combination P=-11.6888627419393 V2=44.3235299342143 V3=0 T=0 M2=0 M3=1.24093151766698 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-11.6888627419393 V2=57.9172799342143 V3=0 T=0 M2=0 M3=-17.9292203326634 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR139 CaseType=Combination P=-19.6749723779648 V2=40.7812500000066 V3=0 T=0 M2=0 M3=4.39499414939411 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-19.6749723779648 V2=54.3750000000066 V3=0 T=0 M2=0 M3=-13.4468027256084 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR140 CaseType=Combination P=-5.26531843939771 V2=40.7812500000106 V3=0 T=0 M2=0 M3=4.67962117420422 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-5.26531843939771 V2=54.3750000000106 V3=0 T=0 M2=0 M3=-13.1621757007998 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR141 CaseType=Combination P=-9.18371715357257 V2=88.0312499999943 V3=0 T=0 M2=0 M3=8.76384314501962 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-9.18371715357257 V2=117.374999999994 V3=0 T=0 M2=0 M3=-29.7498287299782 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR142 CaseType=Combination P=-17.1698267892488 V2=91.5735299341984 V3=0 T=0 M2=0 M3=3.94777592480711 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-17.1698267892488 V2=120.917279934198 V3=0 T=0 M2=0 M3=-35.8942509255173 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR143 CaseType=Combination P=-25.1559364252743 V2=88.0312499999906 V3=0 T=0 M2=0 M3=7.10183855653423 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-25.1559364252743 V2=117.3749999999991 V3=0 T=0 M2=0 M3=-31.4118333184623 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR144 CaseType=Combination P=-13.251428075074 V2=44.3235299342147 V3=0 T=0 M2=0 M3=-0.136446046008301 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-13.251428075074 V2=57.9172799342147 V3=0 T=0 M2=0 M3=-19.3065978963388 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR145 CaseType=Combination P=-21.2375377110995 V2=40.7812500000007 V3=0 T=0 M2=0 M3=3.01761658571883 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-21.2375377110995 V2=54.3750000000007 V3=0 T=0 M2=0 M3=-14.8241802892838 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR146 CaseType=Combination P=-2.14018777312846 V2=40.7812500000008 V3=0 T=0 M2=0 M3=7.43437630155478 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-2.14018777312846 V2=54.3750000000008 V3=0 T=0 M2=0 M3=-10.4074205734489 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR147 CaseType=Combination P=-6.05858648730332 V2=88.0312499999934 V3=0 T=0 M2=0 M3=11.5185982723702 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-6.05858648730332 V2=117.374999999993 V3=0 T=0 M2=0 M3=-26.9950736026273 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR148 CaseType=Combination P=-14.0446961229796 V2=91.5735299341975 V3=0 T=0 M2=0 M3=6.70253105215767 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-14.0446961229796 V2=120.917279934198 V3=0 T=0 M2=0 M3=-33.1394957981664 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR149 CaseType=Combination P=-22.0308057590051 V2=88.0312499999898 V3=0 T=0 M2=0 M3=9.8565936838848 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-22.0308057590051 V2=117.37499999999 V3=0 T=0 M2=0 M3=-28.6570781911114 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR150 CaseType=Combination P=-10.1262974088047 V2=44.3235299342139 V3=0 T=0 M2=0 M3=2.61830908134227 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-10.1262974088047 V2=57.9172799342139 V3=0 T=0 M2=0 M3=-16.5518427689879 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR151 CaseType=Combination P=-18.1124070448302 V2=40.7812500000062 V3=0 T=0 M2=0 M3=5.7723717130694 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-18.1124070448302 V2=54.3750000000062 V3=0 T=0 M2=0 M3=-12.0694251619329 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR152 CaseType=Combination P=-3.01406432442566 V2=40.239284844926 V3=0 T=0 M2=0 M3=7.74011554183892 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-3.01406432442566 V2=53.833034844926 V3=0 T=0 M2=0 M3=-9.89844440000832 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR153 CaseType=Combination P=-6.93246303860052 V2=87.4892848449096 V3=0 T=0 M2=0 M3=11.8243375126543 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-6.93246303860052 V2=116.83303484491 V3=0 T=0 M2=0 M3=-26.4860974291868 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR154 CaseType=Combination P=-14.9185726742768 V2=91.0315647791137 V3=0 T=0 M2=0 M3=7.00827029244181 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-14.9185726742768 V2=120.375314779114 V3=0 T=0 M2=0 M3=-32.6305196247258 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR155 CaseType=Combination P=-22.9046823103023 V2=87.489284844906 V3=0 T=0 M2=0 M3=10.1623329241689 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-22.9046823103023 V2=116.833034844906 V3=0 T=0 M2=0 M3=-28.1481020176708 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR156 CaseType=Combination P=-11.0001739601019 V2=43.7815647791301 V3=0 T=0 M2=0 M3=2.9240483216264 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-11.0001739601019 V2=57.3753147791301 V3=0 T=0 M2=0 M3=-16.0428665955474 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR157 CaseType=Combination P=-18.9862835961274 V2=40.2392848449223 V3=0 T=0 M2=0 M3=6.07811095335353 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-18.9862835961274 V2=53.8330348449223 V3=0 T=0 M2=0 M3=-11.5604489884923 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR158 CaseType=Combination P=-4.39144188810051 V2=41.3232151550945 V3=0 T=0 M2=0 M3=4.37388193392008 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-4.39144188810051 V2=54.9169651550945 V3=0 T=0 M2=0 M3=-13.6711518742403 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR159 CaseType=Combination P=-8.30984060227537 V2=88.5732151550781 V3=0 T=0 M2=0 M3=8.45810390473549 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-8.30984060227537 V2=117.916965155078 V3=0 T=0 M2=0 M3=-30.2588049034188 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR160 CaseType=Combination P=-16.2959502379516 V2=92.1154950892822 V3=0 T=0 M2=0 M3=3.64203668452297 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-16.2959502379516 V2=121.459245089282 V3=0 T=0 M2=0 M3=-36.4032270989578 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR161 CaseType=Combination P=-24.2820598739771 V2=88.5732151550744 V3=0 T=0 M2=0 M3=6.7960993162501 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-24.2820598739771 V2=117.916965155074 V3=0 T=0 M2=0 M3=-31.9208094919028 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=RAR162 CaseType=Combination P=-12.3775515237768 V2=44.8654950892985 V3=0 T=0 M2=0 M3=-0.442185286292435 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-12.3775515237768 V2=58.4592450892985 V3=0 T=0 M2=0 M3=-19.8155740697794 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=RAR163 CaseType=Combination P=-20.3636611598023 V2=41.3232151550908 V3=0 T=0 M2=0 M3=2.71187734543469 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-20.3636611598023 V2=54.9169651550908 V3=0 T=0 M2=0 M3=-15.3331564627244 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777312846 V2=108.651770853833 V3=0 T=0 M2=0 M3=11.9969431147338 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777312846 V2=143.245520853833 V3=0 T=0 M2=0 M3=-9.59034750915791 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623687269 V2=39.8779747415331 V3=0 T=0 M2=0 M3=-5.31532138734104 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623687269 V2=53.4717247415331 V3=0 T=0 M2=0 M3=-46.2242352008331 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE01 CaseType=Combination P=-11.8681769581894 V2=40.7812500000127 V3=0 T=0 M2=0 M3=3.06317141770342 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-11.8681769581894 V2=54.3750000000127 V3=0 T=0 M2=0 M3=-14.7786254573014 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.3139727445398 V2=88.0312499999945 V3=0 T=0 M2=0 M3=7.76754004062786 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.3139727445398 V2=117.374999999995 V3=0 T=0 M2=0 M3=-30.7461318343701 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.3000823802161 V2=91.5735299341986 V3=0 T=0 M2=0 M3=2.95147282041535 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.3000823802161 V2=120.917279934199 V3=0 T=0 M2=0 M3=-36.8905540299091 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.2861920162416 V2=88.0312499999909 V3=0 T=0 M2=0 M3=6.10553545214248 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.2861920162416 V2=117.374999999991 V3=0 T=0 M2=0 M3=-32.4081364228541 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE05 CaseType=Combination P=-14.3816836660412 V2=44.323529934215 V3=0 T=0 M2=0 M3=-1.13274915040006 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-14.3816836660412 V2=57.917279934215 V3=0 T=0 M2=0 M3=-20.3029010007307 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE06 CaseType=Combination P=-22.3677933020667 V2=40.7812500000073 V3=0 T=0 M2=0 M3=2.02131348132707 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-22.3677933020667 V2=54.3750000000073 V3=0 T=0 M2=0 M3=-15.8204833936757 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE07 CaseType=Combination P=-7.95813936349956 V2=40.7812500000113 V3=0 T=0 M2=0 M3=2.30594050613717 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-7.95813936349956 V2=54.3750000000113 V3=0 T=0 M2=0 M3=-15.5358563688671 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE08 CaseType=Combination P=-11.616110522152 V2=88.0312499999949 V3=0 T=0 M2=0 M3=6.61972540423179 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-11.616110522152 V2=117.374999999995 V3=0 T=0 M2=0 M3=-31.8939464707663 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE09 CaseType=Combination P=-19.6022201578282 V2=91.573529934199 V3=0 T=0 M2=0 M3=1.80365818401928 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-19.6022201578282 V2=120.917279934199 V3=0 T=0 M2=0 M3=-38.0383686663053 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE10 CaseType=Combination P=-27.5883297938537 V2=88.0312499999913 V3=0 T=0 M2=0 M3=4.95772081574641 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-27.5883297938537 V2=117.374999999991 V3=0 T=0 M2=0 M3=-33.5559510592503 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE11 CaseType=Combination P=-15.6838214436534 V2=44.3235299342154 V3=0 T=0 M2=0 M3=2.28056378679613 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-15.6838214436534 V2=57.9172799342154 V3=0 T=0 M2=0 M3=-21.4507156371269 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE12 CaseType=Combination P=-23.6699310796789 V2=40.7812500000076 V3=0 T=0 M2=0 M3=0.873498844931 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-23.6699310796789 V2=54.3750000000076 V3=0 T=0 M2=0 M3=-16.9682980300719 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE13 CaseType=Combination P=-7.38423204530171 V2=40.3296123707745 V3=0 T=0 M2=0 M3=3.70853784277002 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-7.38423204530171 V2=53.9233623707745 V3=0 T=0 M2=0 M3=-13.9638949212704 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE14 CaseType=Combination P=-8.53204668169742 V2=41.2328876292482 V3=0 T=0 M2=0 M3=0.903343169504326 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-8.53204668169742 V2=54.8266376292482 V3=0 T=0 M2=0 M3=-17.1078178164637 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE15 CaseType=Combination P=-6.61172890144864 V2=40.781250000011 V3=0 T=0 M2=0 M3=3.4927808401707 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-6.61172890144864 V2=54.375000000011 V3=0 T=0 M2=0 M3=-14.3490160348334 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE16 CaseType=Combination P=-4.83300869723031 V2=40.7812500000105 V3=0 T=0 M2=0 M3=5.06069563348774 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-4.83300869723031 V2=54.3750000000105 V3=0 T=0 M2=0 M3=-12.7811012415162 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE17 CaseType=Combination P=-9.01183496692761 V2=88.0312499999942 V3=0 T=0 M2=0 M3=8.91535467702393 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-9.01183496692761 V2=117.374999999994 V3=0 T=0 M2=0 M3=-29.5983171979739 FrameElem=34-1 ElemStation=0.375

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Frame=34 Station=0 OutputCase=FRE18 CaseType=Combination P=-16.9979446026039 V2=91.5735299341983 V3=0 T=0 M2=0 M3=4.09928745681142 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-16.9979446026039 V2=120.917279934198 V3=0 T=0 M2=0 M3=-35.7427393935129 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE19 CaseType=Combination P=-24.9840542386294 V2=88.0312499999906 V3=0 T=0 M2=0 M3=7.25335008853855 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-24.9840542386294 V2=117.374999999991 V3=0 T=0 M2=0 M3=-31.2603217864579 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE20 CaseType=Combination P=-13.079545888429 V2=44.3235299342146 V3=0 T=0 M2=0 M3=1.50654859960104E-02 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-13.079545888429 V2=57.9172799342146 V3=0 T=0 M2=0 M3=-19.1550863643345 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE21 CaseType=Combination P=-21.065655244545 V2=40.7812500000069 V3=0 T=0 M2=0 M3=3.16912811772314 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-21.065655244545 V2=54.3750000000069 V3=0 T=0 M2=0 M3=-14.6726687572795 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE22 CaseType=Combination P=-4.25910137903246 V2=40.3296123707736 V3=0 T=0 M2=0 M3=6.46329297012059 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-4.25910137903246 V2=53.9233623707736 V3=0 T=0 M2=0 M3=-11.2091397939195 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE23 CaseType=Combination P=-5.40691601542816 V2=41.2328876292474 V3=0 T=0 M2=0 M3=3.65809829685489 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-5.40691601542816 V2=54.8266376292474 V3=0 T=0 M2=0 M3=-14.3530626891129 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE24 CaseType=Combination P=-3.48659823517938 V2=40.7812500000101 V3=0 T=0 M2=0 M3=6.24753596752126 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-3.48659823517938 V2=54.3750000000101 V3=0 T=0 M2=0 M3=-11.5942609074825 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE25 CaseType=Combination P=-5.70688524852751 V2=40.2392848449267 V3=0 T=0 M2=0 M3=5.36643487377188 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-5.70688524852751 V2=53.8330348449267 V3=0 T=0 M2=0 M3=-12.2721250680756 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE26 CaseType=Combination P=-9.74006542634194 V2=87.5796123707577 V3=0 T=0 M2=0 M3=9.17013737726071 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-9.74006542634194 V2=116.923362370758 V3=0 T=0 M2=0 M3=-29.1741703867734 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE27 CaseType=Combination P=-17.7261750620182 V2=91.1218923049618 V3=0 T=0 M2=0 M3=4.3540701570482 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-17.7261750620182 V2=120.465642304962 V3=0 T=0 M2=0 M3=-35.3185925823125 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE28 CaseType=Combination P=-25.7122846980437 V2=87.579612370754 V3=0 T=0 M2=0 M3=7.50813278877532 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-25.7122846980437 V2=116.923362370754 V3=0 T=0 M2=0 M3=-30.8361749752574 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE29 CaseType=Combination P=-13.8077763478433 V2=43.8718923049781 V3=0 T=0 M2=0 M3=0.26984818623279 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-13.8077763478433 V2=57.4656423049781 V3=0 T=0 M2=0 M3=-18.730939553134 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE30 CaseType=Combination P=-21.7938859838688 V2=40.3296123707704 V3=0 T=0 M2=0 M3=3.42391081795992 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-21.7938859838688 V2=53.9233623707704 V3=0 T=0 M2=0 M3=-14.248521946079 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE31 CaseType=Combination P=-7.0090230261397 V2=40.239284844927 V3=0 T=0 M2=0 M3=4.21862023737581 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-7.0090230261397 V2=53.833034844927 V3=0 T=0 M2=0 M3=-13.4199397044718 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE32 CaseType=Combination P=-4.40474747091532 V2=40.2392848449263 V3=0 T=0 M2=0 M3=6.51424951016795 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-4.40474747091532 V2=53.8330348449263 V3=0 T=0 M2=0 M3=-11.1243104316794 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE33 CaseType=Combination P=-4.36047478647658 V2=40.2392848449263 V3=0 T=0 M2=0 M3=6.5532752078054 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-4.36047478647658 V2=53.8330348449263 V3=0 T=0 M2=0 M3=-11.085284734042 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE34 CaseType=Combination P=-7.08426281220236 V2=41.3232151550951 V3=0 T=0 M2=0 M3=2.00020126585304 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-7.08426281220236 V2=54.9169651550951 V3=0 T=0 M2=0 M3=-16.0448325423076 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE35 CaseType=Combination P=-10.8878800627377 V2=88.4828876292314 V3=0 T=0 M2=0 M3=6.36494270399502 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-10.8878800627377 V2=117.826637629231 V3=0 T=0 M2=0 M3=-32.3180932819668 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.8739896984139 V2=92.0251675634355 V3=0 T=0 M2=0 M3=1.5488754837825 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.8739896984139 V2=121.368917563435 V3=0 T=0 M2=0 M3=-38.4625154775058 FrameElem=34-1  
ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.8600993344394 V2=88.4828876292278 V3=0 T=0 M2=0 M3=4.70293811550963 FrameElem=34-1  
ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.8600993344394 V2=117.826637629228 V3=0 T=0 M2=0 M3=-33.9800978704508 FrameElem=34-1  
ElemStation=0.375

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Frame=34 Station=0 OutputCase=FRE38 CaseType=Combination P=-14.955590984239 V2=44.7751675634519 V3=0 T=0 M2=0 M3=-2.53534648703291 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-14.955590984239 V2=58.3689175634519 V3=0 T=0 M2=0 M3=-21.8748624483274 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE39 CaseType=Combination P=-22.9417006202645 V2=41.2328876292441 V3=0 T=0 M2=0 M3=0.618716144694221 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-22.9417006202645 V2=54.8266376292441 V3=0 T=0 M2=0 M3=-17.3924448412723 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE40 CaseType=Combination P=-8.38640058981455 V2=41.3232151550955 V3=0 T=0 M2=0 M3=0.85238662945697 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE40 CaseType=Combination P=-8.38640058981455 V2=54.9169651550955 V3=0 T=0 M2=0 M3=-17.1926471787038 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE41 CaseType=Combination P=-5.78212503459017 V2=41.3232151550948 V3=0 T=0 M2=0 M3=3.14801590224911 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-5.78212503459017 V2=54.9169651550948 V3=0 T=0 M2=0 M3=-14.8970179059114 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE42 CaseType=Combination P=-5.73785235015143 V2=41.3232151550948 V3=0 T=0 M2=0 M3=3.18704159988656 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-5.73785235015143 V2=54.9169651550948 V3=0 T=0 M2=0 M3=-14.857992208274 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE43 CaseType=Combination P=-4.77988147590382 V2=40.7812500000105 V3=0 T=0 M2=0 M3=5.10752647065268 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-4.77988147590382 V2=54.3750000000105 V3=0 T=0 M2=0 M3=-12.7342704043513 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE44 CaseType=Combination P=-8.96756228248887 V2=88.0312499999942 V3=0 T=0 M2=0 M3=8.95438037466139 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-8.96756228248887 V2=117.374999999994 V3=0 T=0 M2=0 M3=-29.5592915003364 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE45 CaseType=Combination P=-16.9536719181651 V2=91.5735299341983 V3=0 T=0 M2=0 M3=4.13831315444887 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-16.9536719181651 V2=120.917279934198 V3=0 T=0 M2=0 M3=-35.7037136958755 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE46 CaseType=Combination P=-24.9397815541906 V2=88.0312499999906 V3=0 T=0 M2=0 M3=7.292375786176 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-24.9397815541906 V2=117.374999999991 V3=0 T=0 M2=0 M3=-31.2212960888205 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE47 CaseType=Combination P=-13.0352732039903 V2=44.3235299342147 V3=0 T=0 M2=0 M3=5.40911836334619E-02 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-13.0352732039903 V2=57.9172799342147 V3=0 T=0 M2=0 M3=-19.116060666697 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE48 CaseType=Combination P=-21.0213828400158 V2=40.7812500000069 V3=0 T=0 M2=0 M3=3.20815381536059 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-21.0213828400158 V2=54.3750000000069 V3=0 T=0 M2=0 M3=-14.633643059642 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE49 CaseType=Combination P=-3.47774369829164 V2=40.7812500000101 V3=0 T=0 M2=0 M3=6.25534110704875 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-3.47774369829164 V2=54.3750000000101 V3=0 T=0 M2=0 M3=-11.5864557679551 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE50 CaseType=Combination P=-4.20597415770597 V2=40.3296123707736 V3=0 T=0 M2=0 M3=6.51012380728553 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-4.20597415770597 V2=53.9233623707736 V3=0 T=0 M2=0 M3=-11.1623089567546 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=FRE51 CaseType=Combination P=-5.35378879410168 V2=41.2328876292474 V3=0 T=0 M2=0 M3=3.70492913401983 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-5.35378879410168 V2=54.8266376292474 V3=0 T=0 M2=0 M3=-14.3062318519479 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369829164 V2=92.0251675634355 V3=0 T=0 M2=0 M3=9.17013737726071 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369829164 V2=121.368917563435 V3=0 T=0 M2=0 M3=-11.085284734042 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297938537 V2=40.2392848449263 V3=0 T=0 M2=0 M3=-2.53534648703291 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.5883297938537 V2=53.8330348449263 V3=0 T=0 M2=0 M3=-38.4625154775058 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE01 CaseType=Combination P=-9.13187549427718 V2=39.5977973594745 V3=0 T=0 M2=0 M3=4.70462896436015 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE01 CaseType=Combination P=-9.13187549427718 V2=53.1915473594745 V3=0 T=0 M2=0 M3=-12.6933731704428 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE02 CaseType=Combination P=-10.4340132718894 V2=39.5977973594749 V3=0 T=0 M2=0 M3=3.55681432796408 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE02 CaseType=Combination P=-10.4340132718894 V2=53.1915473594749 V3=0 T=0 M2=0 M3=-13.841187806839 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE03 CaseType=Combination P=-7.82973771666499 V2=39.5977973594741 V3=0 T=0 M2=0 M3=5.85244360075622 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE03 CaseType=Combination P=-7.82973771666499 V2=53.1915473594741 V3=0 T=0 M2=0 M3=-11.5455585340466 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE04 CaseType=Combination P=-8.55796817607932 V2=39.1461597302376 V3=0 T=0 M2=0 M3=6.107226300993 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-8.55796817607932 V2=52.7399097302376 V3=0 T=0 M2=0 M3=-11.1214117228461 FrameElem=34-1 ElemStation=0.375

APPROVATO SDP  
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3782004RCECOAIDA11000000100

REV.  
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Frame=34 Station=0 OutputCase=QPE05 CaseType=Combination P=-9.70578281247503 V2=40.0494349887114 V3=0 T=0 M2=0 M3=3.30203162772731 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-9.70578281247503 V2=53.6431849887114 V3=0 T=0 M2=0 M3=-14.2653346180395 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE06 CaseType=Combination P=-7.78546503222625 V2=39.597973594742 V3=0 T=0 M2=0 M3=5.89146929839367 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-7.78546503222625 V2=53.1915473594742 V3=0 T=0 M2=0 M3=-11.5065328364091 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE07 CaseType=Combination P=-9.86010595369151 V2=39.146159730238 V3=0 T=0 M2=0 M3=4.95941166459693 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-9.86010595369151 V2=52.739909730238 V3=0 T=0 M2=0 M3=-12.26922633592423 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE08 CaseType=Combination P=-11.0079205900872 V2=40.0494349887117 V3=0 T=0 M2=0 M3=2.15421699133124 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-11.0079205900872 V2=53.6431849887117 V3=0 T=0 M2=0 M3=-15.4131492544357 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE09 CaseType=Combination P=-9.08760280983844 V2=39.597973594745 V3=0 T=0 M2=0 M3=4.74365466199761 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-9.08760280983844 V2=53.1915473594745 V3=0 T=0 M2=0 M3=-12.6543474728053 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE10 CaseType=Combination P=-9.13187549427718 V2=41.9647026405491 V3=0 T=0 M2=0 M3=2.04186052315572 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-9.13187549427718 V2=55.5584526405491 V3=0 T=0 M2=0 M3=-16.2437310920502 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE11 CaseType=Combination P=-10.4340132718894 V2=41.9647026405495 V3=0 T=0 M2=0 M3=0.89404588675965 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-10.4340132718894 V2=55.5584526405495 V3=0 T=0 M2=0 M3=-17.3915457284464 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE12 CaseType=Combination P=-7.82973771666499 V2=41.9647026405488 V3=0 T=0 M2=0 M3=3.18967515955179 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-7.82973771666499 V2=55.5584526405488 V3=0 T=0 M2=0 M3=-15.095916455654 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE13 CaseType=Combination P=-8.55796817607932 V2=41.5130650113123 V3=0 T=0 M2=0 M3=3.44445785978857 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-8.55796817607932 V2=55.1068150113123 V3=0 T=0 M2=0 M3=-14.6717696444535 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE14 CaseType=Combination P=-9.70578281247503 V2=42.416340269786 V3=0 T=0 M2=0 M3=0.639263186522871 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-9.70578281247503 V2=56.010090269786 V3=0 T=0 M2=0 M3=-17.8156925396469 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE15 CaseType=Combination P=-7.78546503222625 V2=41.9647026405488 V3=0 T=0 M2=0 M3=3.22870085718924 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-7.78546503222625 V2=55.5584526405488 V3=0 T=0 M2=0 M3=-15.0568907580166 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE16 CaseType=Combination P=-9.86010595369151 V2=41.5130650113126 V3=0 T=0 M2=0 M3=2.2966432233925 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-9.86010595369151 V2=55.1068150113126 V3=0 T=0 M2=0 M3=-15.8195842808497 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE17 CaseType=Combination P=-11.0079205900872 V2=42.4163402697864 V3=0 T=0 M2=0 M3=-0.508551449873199 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-11.0079205900872 V2=56.0100902697864 V3=0 T=0 M2=0 M3=-18.9635071760431 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=QPE18 CaseType=Combination P=-9.08760280983844 V2=41.9647026405492 V3=0 T=0 M2=0 M3=2.08088622079317 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-9.08760280983844 V2=55.5584526405492 V3=0 T=0 M2=0 M3=-16.2047053944128 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503222625 V2=42.4163402697864 V3=0 T=0 M2=0 M3=6.107226300993 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503222625 V2=56.0100902697864 V3=0 T=0 M2=0 M3=-11.1214117228461 FrameElem=34-1 ElemStation=0.375  
Frame=34 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205900872 V2=39.1461597302376 V3=0 T=0 M2=0 M3=-0.508551449873199 FrameElem=34-1 ElemStation=0  
Frame=34 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205900872 V2=52.7399097302376 V3=0 T=0 M2=0 M3=-18.9635071760431 FrameElem=34-1 ElemStation=0.375  
Frame=35 Station=0 OutputCase=STR001 CaseType=Combination P=-16.0220388962275 V2=73.4062500008251 V3=0 T=0 M2=0 M3=-19.9511443673314 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR001 CaseType=Combination P=-16.0220388962275 V2=76.4648437508251 V3=0 T=0 M2=0 M3=-24.6346160470704 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR002 CaseType=Combination P=-5.41812231946663 V2=73.4062500008367 V3=0 T=0 M2=0 M3=-18.7495641384999 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR002 CaseType=Combination P=-5.41812231946663 V2=76.4648437508367 V3=0 T=0 M2=0 M3=-23.4330358182397 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR003 CaseType=Combination P=-12.4712400049814 V2=186.806250001465 V3=0 T=0 M2=0 M3=-48.6073395910088 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR003 CaseType=Combination P=-12.4712400049814 V2=194.589843751465 V3=0 T=0 M2=0 M3=-60.5259675207879 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR004 CaseType=Combination P=-27.2228530033403 V2=193.345263784241 V3=0 T=0 M2=0 M3=-59.9543225220118 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR004 CaseType=Combination P=-27.2228530033403 V2=201.128857534241 V3=0 T=0 M2=0 M3=-72.2816388132144 FrameElem=35-1 ElemStation=0.0625

PROVA SDR

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Frame=35 Station=0 OutputCase=STR005 CaseType=Combination P=-41.9744660013499 V2=186.806250001611 V3=0 T=0 M2=0 M3=-51.6842641053128 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR005 CaseType=Combination P=-41.9744660013499 V2=194.589843751611 V3=0 T=0 M2=0 M3=-63.602892035101 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR006 CaseType=Combination P=-21.1471870300044 V2=60.9140137834089 V3=0 T=0 M2=0 M3=-25.505461736174 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR006 CaseType=Combination P=-21.1471870300044 V2=63.1796387834089 V3=0 T=0 M2=0 M3=-29.383388378887 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR007 CaseType=Combination P=-35.8988000280141 V2=54.3750000007785 V3=0 T=0 M2=0 M3=-17.2354033194749 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR007 CaseType=Combination P=-35.8988000280141 V2=56.6406250007785 V3=0 T=0 M2=0 M3=-20.7046416007736 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR008 CaseType=Combination P=-34.2346599056107 V2=170.63638619245 V3=0 T=0 M2=0 M3=-60.7171442356208 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR008 CaseType=Combination P=-34.6987224056107 V2=177.23872994245 V3=0 T=0 M2=0 M3=-71.5882416148364 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR009 CaseType=Combination P=-19.1471695624989 V2=73.4062500008262 V3=0 T=0 M2=0 M3=-22.7058994946823 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR009 CaseType=Combination P=-19.1471695624989 V2=76.4648437508262 V3=0 T=0 M2=0 M3=-27.3893711744214 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR010 CaseType=Combination P=-8.54325298573806 V2=73.4062500008378 V3=0 T=0 M2=0 M3=-21.5043192658508 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR010 CaseType=Combination P=-8.54325298573806 V2=76.4648437508378 V3=0 T=0 M2=0 M3=-26.1877909455906 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR011 CaseType=Combination P=-14.3463184047442 V2=186.806250001466 V3=0 T=0 M2=0 M3=-50.2601926674193 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR011 CaseType=Combination P=-14.3463184047442 V2=194.589843751466 V3=0 T=0 M2=0 M3=-62.1788205971985 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR012 CaseType=Combination P=-29.0979314031031 V2=193.345263784242 V3=0 T=0 M2=0 M3=-61.6071755984224 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR012 CaseType=Combination P=-29.0979314031031 V2=201.128857534242 V3=0 T=0 M2=0 M3=-73.934491889625 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR013 CaseType=Combination P=-43.8495444011128 V2=186.806250001612 V3=0 T=0 M2=0 M3=-53.3371171817234 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR013 CaseType=Combination P=-43.8495444011128 V2=194.589843751612 V3=0 T=0 M2=0 M3=-65.2557451115116 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR014 CaseType=Combination P=-23.0222654297673 V2=60.9140137834095 V3=0 T=0 M2=0 M3=-27.1583148125845 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR014 CaseType=Combination P=-23.0222654297673 V2=63.1796387834095 V3=0 T=0 M2=0 M3=-31.0362414552976 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR015 CaseType=Combination P=-37.7738784277769 V2=54.3750000007792 V3=0 T=0 M2=0 M3=-18.8882563958855 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR015 CaseType=Combination P=-37.7738784277769 V2=56.6406250007792 V3=0 T=0 M2=0 M3=-22.357494671842 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR016 CaseType=Combination P=-36.1097383053736 V2=170.63638619245 V3=0 T=0 M2=0 M3=-62.3699973120313 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR016 CaseType=Combination P=-36.5738008053736 V2=177.23872994245 V3=0 T=0 M2=0 M3=-73.2410946912469 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR017 CaseType=Combination P=-13.8330912498741 V2=158.456250001309 V3=0 T=0 M2=0 M3=-43.8976508552325 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR017 CaseType=Combination P=-13.8330912498741 V2=165.058593751309 V3=0 T=0 M2=0 M3=-54.0074897225018 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR018 CaseType=Combination P=-26.2222905706249 V2=163.933791501905 V3=0 T=0 M2=0 M3=-53.4180073273297 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR018 CaseType=Combination P=-26.2222905706249 V2=170.536135251905 V3=0 T=0 M2=0 M3=-63.8701925383863 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR019 CaseType=Combination P=-38.6114898913407 V2=158.456250001415 V3=0 T=0 M2=0 M3=-46.5057392981683 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR019 CaseType=Combination P=-38.6114898913407 V2=165.058593751416 V3=0 T=0 M2=0 M3=-56.6155781654443 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR020 CaseType=Combination P=-21.9099040186677 V2=59.8525415012296 V3=0 T=0 M2=0 M3=-26.4335904046191 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR020 CaseType=Combination P=-21.9099040186677 V2=62.1181665012296 V3=0 T=0 M2=0 M3=-30.245175029696 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR021 CaseType=Combination P=-34.2991033393836 V2=54.3750000007403 V3=0 T=0 M2=0 M3=-19.5123223754577 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR021 CaseType=Combination P=-34.2991033393836 V2=56.6406250007403 V3=0 T=0 M2=0 M3=-22.990560656754 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR022 CaseType=Combination P=-18.320743024294 V2=72.7558918147251 V3=0 T=0 M2=0 M3=-20.442275010143 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR022 CaseType=Combination P=-18.320743024294 V2=75.8144855647251 V3=0 T=0 M2=0 M3=-25.0850993032509 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR023 CaseType=Combination P=-7.7168264475332 V2=72.7558918147367 V3=0 T=0 M2=0 M3=-19.2406947813116 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR023 CaseType=Combination P=-7.7168264475332 V2=75.8144855647367 V3=0 T=0 M2=0 M3=-23.8835190744201 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR024 CaseType=Combination P=-13.0066647116692 V2=157.805891815208 V3=0 T=0 M2=0 M3=-41.6340263706933 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR024 CaseType=Combination P=-13.0066647116692 V2=164.408235565208 V3=0 T=0 M2=0 M3=-51.7032178513313 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=STR025 CaseType=Combination P=-25.39586403242 V2=163.283433315804 V3=0 T=0 M2=0 M3=-51.1543828427905 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR025 CaseType=Combination P=-25.39586403242 V2=169.885777065804 V3=0 T=0 M2=0 M3=-61.5659206672158 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR026 CaseType=Combination P=-37.7850633531359 V2=157.805891815314 V3=0 T=0 M2=0 M3=-44.2421148136291 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR026 CaseType=Combination P=-37.7850633531359 V2=164.408235565314 V3=0 T=0 M2=0 M3=-54.3113062942738 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR027 CaseType=Combination P=-21.0834774804629 V2=59.2021833151286 V3=0 T=0 M2=0 M3=-24.1699659200799 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR027 CaseType=Combination P=-21.0834774804629 V2=61.4678083151286 V3=0 T=0 M2=0 M3=-27.9409031585254 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR028 CaseType=Combination P=-33.4726768011787 V2=53.7246418146392 V3=0 T=0 M2=0 M3=-17.2576978909185 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR028 CaseType=Combination P=-33.4726768011787 V2=55.9902668146392 V3=0 T=0 M2=0 M3=-20.6862887855835 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR029 CaseType=Combination P=-19.9735961007038 V2=74.0566081869273 V3=0 T=0 M2=0 M3=-24.9695239792215 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR029 CaseType=Combination P=-19.9735961007038 V2=77.1152019369273 V3=0 T=0 M2=0 M3=-29.6936430455919 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR030 CaseType=Combination P=-9.36967952394293 V2=74.0566081869389 V3=0 T=0 M2=0 M3=-23.76794375039 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR030 CaseType=Combination P=-9.36967952394293 V2=77.1152019369389 V3=0 T=0 M2=0 M3=-28.4920628167611 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR031 CaseType=Combination P=-14.659517788079 V2=159.10660818741 V3=0 T=0 M2=0 M3=-46.1612753397717 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR031 CaseType=Combination P=-14.659517788079 V2=165.70895193741 V3=0 T=0 M2=0 M3=-56.3117615936723 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR032 CaseType=Combination P=-27.0487171088297 V2=164.584149688006 V3=0 T=0 M2=0 M3=-55.6816318118689 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR032 CaseType=Combination P=-27.0487171088297 V2=171.186493438006 V3=0 T=0 M2=0 M3=-66.1744644095568 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR033 CaseType=Combination P=-39.4379164295456 V2=159.106608187517 V3=0 T=0 M2=0 M3=-48.7693637827075 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR033 CaseType=Combination P=-39.4379164295456 V2=165.708951937517 V3=0 T=0 M2=0 M3=-58.9198500366148 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR034 CaseType=Combination P=-22.7363305568726 V2=60.5028996873307 V3=0 T=0 M2=0 M3=-28.6972148891583 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR034 CaseType=Combination P=-22.7363305568726 V2=62.7685246873307 V3=0 T=0 M2=0 M3=-32.5494469008665 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR035 CaseType=Combination P=-35.1255298775884 V2=55.0253581868414 V3=0 T=0 M2=0 M3=-21.7849468599969 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR035 CaseType=Combination P=-35.1255298775884 V2=57.2909831868414 V3=0 T=0 M2=0 M3=-25.2948325279245 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR036 CaseType=Combination P=-17.2083384971433 V2=73.4062500008255 V3=0 T=0 M2=0 M3=-20.9968494136738 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR036 CaseType=Combination P=-17.2083384971433 V2=76.4648437508255 V3=0 T=0 M2=0 M3=-25.6803210934129 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR037 CaseType=Combination P=-6.60442192038244 V2=73.4062500008372 V3=0 T=0 M2=0 M3=-19.7952691848423 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR037 CaseType=Combination P=-6.60442192038244 V2=76.4648437508372 V3=0 T=0 M2=0 M3=-24.4787408645821 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR038 CaseType=Combination P=-11.8942601845185 V2=158.456250001309 V3=0 T=0 M2=0 M3=-42.188600774224 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR038 CaseType=Combination P=-11.8942601845185 V2=165.058593751309 V3=0 T=0 M2=0 M3=-52.2984396414933 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR039 CaseType=Combination P=-24.2834595052693 V2=163.933791501904 V3=0 T=0 M2=0 M3=-51.7089572463213 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR039 CaseType=Combination P=-24.2834595052693 V2=170.536135251904 V3=0 T=0 M2=0 M3=-62.1611424573778 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR040 CaseType=Combination P=-36.6726588259851 V2=158.456250001415 V3=0 T=0 M2=0 M3=-44.7966892171599 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR040 CaseType=Combination P=-36.6726588259851 V2=165.058593751415 V3=0 T=0 M2=0 M3=-54.9065280844358 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR041 CaseType=Combination P=-19.9710729533121 V2=59.852541501229 V3=0 T=0 M2=0 M3=-24.7245403236106 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR041 CaseType=Combination P=-19.9710729533121 V2=62.118166501229 V3=0 T=0 M2=0 M3=-28.5361249486875 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR042 CaseType=Combination P=-32.3602722740279 V2=54.3750000007397 V3=0 T=0 M2=0 M3=-17.8122722944492 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR042 CaseType=Combination P=-32.3602722740279 V2=56.6406250007397 V3=0 T=0 M2=0 M3=-21.2815105757455 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR043 CaseType=Combination P=-12.896908229956 V2=73.406250000824 V3=0 T=0 M2=0 M3=-17.1963892399805 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR043 CaseType=Combination P=-12.896908229956 V2=76.464843750824 V3=0 T=0 M2=0 M3=-21.8798609197195 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR044 CaseType=Combination P=-2.2929916531952 V2=73.4062500008356 V3=0 T=0 M2=0 M3=-15.994909011149 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR044 CaseType=Combination P=-2.2929916531952 V2=76.4648437508356 V3=0 T=0 M2=0 M3=-20.6782806908887 FrameElem=35-1 ElemStation=0.0625

PROVATO S.D.P.

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Frame=35 Station=0 OutputCase=STR045 CaseType=Combination P=-10.5961616052185 V2=186.806250001465 V3=0 T=0 M2=0 M3=-46.9544865145983 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR045 CaseType=Combination P=-10.5961616052185 V2=194.589843751465 V3=0 T=0 M2=0 M3=-58.8731144443773 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR046 CaseType=Combination P=-25.3477746035774 V2=193.345263784241 V3=0 T=0 M2=0 M3=-58.3014694456013 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR046 CaseType=Combination P=-25.3477746035774 V2=201.128857534241 V3=0 T=0 M2=0 M3=-70.6287857368038 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR047 CaseType=Combination P=-40.0993876015871 V2=186.80625000161 V3=0 T=0 M2=0 M3=-50.0314110289023 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR047 CaseType=Combination P=-40.0993876015871 V2=194.58984375161 V3=0 T=0 M2=0 M3=-61.9500389586904 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR048 CaseType=Combination P=-19.2721086302416 V2=60.9140137834082 V3=0 T=0 M2=0 M3=-23.8526086597634 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR048 CaseType=Combination P=-19.2721086302416 V2=63.1796387834082 V3=0 T=0 M2=0 M3=-27.7305353024765 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR049 CaseType=Combination P=-34.0237216282512 V2=54.375000007779 V3=0 T=0 M2=0 M3=-15.5825502430644 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR049 CaseType=Combination P=-34.0237216282512 V2=56.6406250007779 V3=0 T=0 M2=0 M3=-19.051788524363 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR050 CaseType=Combination P=-32.3595815058479 V2=170.636386192449 V3=0 T=0 M2=0 M3=-59.0642911592102 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR050 CaseType=Combination P=-32.8236440058479 V2=177.238729942449 V3=0 T=0 M2=0 M3=-69.9353885384258 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR051 CaseType=Combination P=-7.58282991733124 V2=158.456250001307 V3=0 T=0 M2=0 M3=-38.3881406005307 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR051 CaseType=Combination P=-7.58282991733124 V2=165.058593751307 V3=0 T=0 M2=0 M3=-48.4979796477999 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR052 CaseType=Combination P=-19.972029238082 V2=163.933791501903 V3=0 T=0 M2=0 M3=-47.908497072628 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR052 CaseType=Combination P=-19.972029238082 V2=170.536135251903 V3=0 T=0 M2=0 M3=-58.3606822836844 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR053 CaseType=Combination P=-32.3612285587979 V2=158.456250001413 V3=0 T=0 M2=0 M3=-40.9962290434666 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR053 CaseType=Combination P=-32.3612285587979 V2=165.058593751413 V3=0 T=0 M2=0 M3=-51.1060679107424 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR054 CaseType=Combination P=-15.6596426861249 V2=59.8525415012275 V3=0 T=0 M2=0 M3=-20.9240801499173 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR054 CaseType=Combination P=-15.6596426861249 V2=62.1181665012275 V3=0 T=0 M2=0 M3=-24.735664774994 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR055 CaseType=Combination P=-28.0488420068407 V2=54.375000007381 V3=0 T=0 M2=0 M3=-14.0118121207559 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR055 CaseType=Combination P=-28.0488420068407 V2=56.6406250007381 V3=0 T=0 M2=0 M3=-17.4810504020521 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR056 CaseType=Combination P=-12.0704816917511 V2=72.7558918147229 V3=0 T=0 M2=0 M3=-14.9327647554413 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR056 CaseType=Combination P=-12.0704816917511 V2=75.8144855647229 V3=0 T=0 M2=0 M3=-19.5755890485489 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR057 CaseType=Combination P=-1.46656511499033 V2=72.7558918147346 V3=0 T=0 M2=0 M3=-13.7311845266098 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR057 CaseType=Combination P=-1.46656511499033 V2=75.8144855647346 V3=0 T=0 M2=0 M3=-18.3740088197182 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR058 CaseType=Combination P=-6.75640337912637 V2=157.805891815206 V3=0 T=0 M2=0 M3=-36.1245161159915 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR058 CaseType=Combination P=-6.75640337912637 V2=164.408235565206 V3=0 T=0 M2=0 M3=-46.1937075966294 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR059 CaseType=Combination P=-19.1456026998771 V2=163.283433315802 V3=0 T=0 M2=0 M3=-45.6448275880887 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR059 CaseType=Combination P=-19.1456026998771 V2=169.885777065802 V3=0 T=0 M2=0 M3=-56.0564104125138 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR060 CaseType=Combination P=-31.534802020593 V2=157.805891815312 V3=0 T=0 M2=0 M3=-38.7326045589273 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR060 CaseType=Combination P=-31.534802020593 V2=164.408235565312 V3=0 T=0 M2=0 M3=-48.8017960395719 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR061 CaseType=Combination P=-14.83321614792 V2=59.2021833151264 V3=0 T=0 M2=0 M3=-18.6604556653781 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR061 CaseType=Combination P=-14.83321614792 V2=61.4678083151264 V3=0 T=0 M2=0 M3=-22.4313929038235 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR062 CaseType=Combination P=-27.2224154686358 V2=53.724641814637 V3=0 T=0 M2=0 M3=-11.7481876362167 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR062 CaseType=Combination P=-27.2224154686358 V2=55.990266814637 V3=0 T=0 M2=0 M3=-15.1767785308815 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR063 CaseType=Combination P=-13.7233347681609 V2=74.0566081869251 V3=0 T=0 M2=0 M3=-19.4600137245197 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR063 CaseType=Combination P=-13.7233347681609 V2=77.1152019369251 V3=0 T=0 M2=0 M3=-24.18413279089 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR064 CaseType=Combination P=-3.11941819140007 V2=74.0566081869367 V3=0 T=0 M2=0 M3=-18.2584334956882 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR064 CaseType=Combination P=-3.11941819140007 V2=77.1152019369367 V3=0 T=0 M2=0 M3=-22.9825525620592 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=STR065 CaseType=Combination P=-8.40925645553611 V2=159.106608187408 V3=0 T=0 M2=0 M3=-40.6517650850699 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR065 CaseType=Combination P=-8.40925645553611 V2=165.708951937408 V3=0 T=0 M2=0 M3=-50.8022513389704  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR066 CaseType=Combination P=-20.7984557762869 V2=164.584149688004 V3=0 T=0 M2=0 M3=-50.1721215571672 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR066 CaseType=Combination P=-20.7984557762869 V2=171.186493438004 V3=0 T=0 M2=0 M3=-60.6649541548549  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR067 CaseType=Combination P=-33.1876550970027 V2=159.106608187514 V3=0 T=0 M2=0 M3=-43.2598535280058 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR067 CaseType=Combination P=-33.1876550970027 V2=165.708951937514 V3=0 T=0 M2=0 M3=-53.4103397819129  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR068 CaseType=Combination P=-16.4860692243297 V2=60.5028996873286 V3=0 T=0 M2=0 M3=-23.1877046344565 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR068 CaseType=Combination P=-16.4860692243297 V2=62.7685246873286 V3=0 T=0 M2=0 M3=-27.0399366461646  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR069 CaseType=Combination P=-28.8752685450456 V2=55.0253581868392 V3=0 T=0 M2=0 M3=-16.2754366052951 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR069 CaseType=Combination P=-28.8752685450456 V2=57.2909831868392 V3=0 T=0 M2=0 M3=-19.7853222732226  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR070 CaseType=Combination P=-10.9580771646004 V2=73.4062500008233 V3=0 T=0 M2=0 M3=-15.487339158972 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR070 CaseType=Combination P=-10.9580771646004 V2=76.4648437508233 V3=0 T=0 M2=0 M3=-20.170810838711 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR071 CaseType=Combination P=-0.354160587839572 V2=73.406250000835 V3=0 T=0 M2=0 M3=-14.2857589301405 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR071 CaseType=Combination P=-0.354160587839572 V2=76.464843750835 V3=0 T=0 M2=0 M3=-18.9692306098802  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR072 CaseType=Combination P=-5.64399885197562 V2=158.456250001306 V3=0 T=0 M2=0 M3=-36.6790905195222 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR072 CaseType=Combination P=-5.64399885197562 V2=165.058593751306 V3=0 T=0 M2=0 M3=-46.7889293867914  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR073 CaseType=Combination P=-18.0331981727264 V2=163.933791501902 V3=0 T=0 M2=0 M3=-46.1994469916195 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR073 CaseType=Combination P=-18.0331981727264 V2=170.536135251902 V3=0 T=0 M2=0 M3=-56.6516232026759  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR074 CaseType=Combination P=-30.4223974934422 V2=158.456250001413 V3=0 T=0 M2=0 M3=-39.2871789624581 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR074 CaseType=Combination P=-30.4223974934422 V2=165.058593751413 V3=0 T=0 M2=0 M3=-49.3970178297339  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR075 CaseType=Combination P=-13.7208116207692 V2=59.8525415012268 V3=0 T=0 M2=0 M3=-19.2150300689089 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR075 CaseType=Combination P=-13.7208116207692 V2=62.1181665012268 V3=0 T=0 M2=0 M3=-23.0266146939855  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR076 CaseType=Combination P=-26.1100109414851 V2=54.375000007375 V3=0 T=0 M2=0 M3=-12.3027620397475 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR076 CaseType=Combination P=-26.1100109414851 V2=56.6406250007375 V3=0 T=0 M2=0 M3=-15.772003210435  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR077 CaseType=Combination P=-14.6446613325527 V2=72.3223196906566 V3=0 T=0 M2=0 M3=-16.1784368930993 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR077 CaseType=Combination P=-14.6446613325527 V2=75.3809134406566 V3=0 T=0 M2=0 M3=-20.794162984529  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR078 CaseType=Combination P=-4.04074475579185 V2=72.3223196906683 V3=0 T=0 M2=0 M3=-14.9768566642679 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR078 CaseType=Combination P=-4.04074475579185 V2=75.3809134406683 V3=0 T=0 M2=0 M3=-19.5925826996221  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR079 CaseType=Combination P=-11.6448134667765 V2=186.155891815364 V3=0 T=0 M2=0 M3=-46.3437151064696 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR079 CaseType=Combination P=-11.6448134667765 V2=193.939485565364 V3=0 T=0 M2=0 M3=-58.2216956496174  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR080 CaseType=Combination P=-26.3964264651354 V2=192.69490559814 V3=0 T=0 M2=0 M3=-57.6906980374726 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR080 CaseType=Combination P=-26.3964264651354 V2=200.47849934814 V3=0 T=0 M2=0 M3=-69.9773669420439 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR081 CaseType=Combination P=-41.148039463145 V2=186.15589181551 V3=0 T=0 M2=0 M3=-49.4206396207736 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR081 CaseType=Combination P=-41.148039463145 V2=193.93948556551 V3=0 T=0 M2=0 M3=-61.2986201639305 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR082 CaseType=Combination P=-20.3207604917995 V2=60.2636555973078 V3=0 T=0 M2=0 M3=-23.2418372516348 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR082 CaseType=Combination P=-20.3207604917995 V2=62.5292805973078 V3=0 T=0 M2=0 M3=-27.0791165077165  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR083 CaseType=Combination P=-35.0723734898092 V2=53.7246418146774 V3=0 T=0 M2=0 M3=-14.9717788349357 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR083 CaseType=Combination P=-35.0723734898092 V2=55.9902668146774 V3=0 T=0 M2=0 M3=-18.4003697296031  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR084 CaseType=Combination P=-33.4082333674059 V2=169.986028006348 V3=0 T=0 M2=0 M3=-58.4535197510815 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR084 CaseType=Combination P=-33.8722958674059 V2=176.588371756348 V3=0 T=0 M2=0 M3=-69.2839697436658  
FrameElem=35-1 ElemStation=0.0625

PROVATO S.D.P.

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Frame=35 Station=0 OutputCase=STR085 CaseType=Combination P=-9.33058301992789 V2=157.37231969114 V3=0 T=0 M2=0 M3=-37.3701882536496 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR085 CaseType=Combination P=-9.33058301992789 V2=163.97466344114 V3=0 T=0 M2=0 M3=-47.4122814765333 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR086 CaseType=Combination P=-21.7197823406787 V2=162.849861191735 V3=0 T=0 M2=0 M3=-46.8905447257468 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR086 CaseType=Combination P=-21.7197823406787 V2=169.452204941735 V3=0 T=0 M2=0 M3=-57.2749842924178 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR087 CaseType=Combination P=-34.1089816613945 V2=157.372319691246 V3=0 T=0 M2=0 M3=-39.9782766965854 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR087 CaseType=Combination P=-34.1089816613945 V2=163.974663441246 V3=0 T=0 M2=0 M3=-50.0203699194758 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR088 CaseType=Combination P=-17.4073957887215 V2=58.7686111910601 V3=0 T=0 M2=0 M3=-19.9061278030362 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR088 CaseType=Combination P=-17.4073957887215 V2=61.0342361910601 V3=0 T=0 M2=0 M3=-23.6499667837275 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR089 CaseType=Combination P=-29.796591094374 V2=53.2910696905707 V3=0 T=0 M2=0 M3=-12.9938597738748 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR089 CaseType=Combination P=-29.796591094374 V2=55.5566946905707 V3=0 T=0 M2=0 M3=-16.3953524107855 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR090 CaseType=Combination P=-16.5197397323155 V2=72.3223196906573 V3=0 T=0 M2=0 M3=-17.8312899695099 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR090 CaseType=Combination P=-16.5197397323155 V2=75.3809134406573 V3=0 T=0 M2=0 M3=-22.4470160048635 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR091 CaseType=Combination P=-5.91582315555471 V2=72.3223196906689 V3=0 T=0 M2=0 M3=-16.6297097406784 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR091 CaseType=Combination P=-5.91582315555471 V2=75.3809134406689 V3=0 T=0 M2=0 M3=-21.2454357760327 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR092 CaseType=Combination P=-11.2056614196908 V2=157.37231969114 V3=0 T=0 M2=0 M3=-39.0230413300601 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR092 CaseType=Combination P=-11.2056614196908 V2=163.97466344114 V3=0 T=0 M2=0 M3=-49.0651345529439 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR093 CaseType=Combination P=-23.5948607404415 V2=162.849861191736 V3=0 T=0 M2=0 M3=-48.5433978021574 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR093 CaseType=Combination P=-23.5948607404415 V2=169.452204941736 V3=0 T=0 M2=0 M3=-58.9278373688284 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR094 CaseType=Combination P=-35.9840600611574 V2=157.372319691247 V3=0 T=0 M2=0 M3=-41.631129772996 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR094 CaseType=Combination P=-35.9840600611574 V2=163.974663441247 V3=0 T=0 M2=0 M3=-51.6732229958864 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR095 CaseType=Combination P=-19.2824741884844 V2=58.7686111910607 V3=0 T=0 M2=0 M3=-21.5589808794467 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR095 CaseType=Combination P=-19.2824741884844 V2=61.0342361910607 V3=0 T=0 M2=0 M3=-25.302819860138 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR096 CaseType=Combination P=-31.6716735092002 V2=53.2910696905714 V3=0 T=0 M2=0 M3=-14.6467128502853 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR096 CaseType=Combination P=-31.6716735092002 V2=55.5566946905714 V3=0 T=0 M2=0 M3=-18.0482054871961 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR097 CaseType=Combination P=-12.7695829327898 V2=72.322319690656 V3=0 T=0 M2=0 M3=-14.5255838166888 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR097 CaseType=Combination P=-12.7695829327898 V2=75.380913440656 V3=0 T=0 M2=0 M3=-19.1413098520423 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR098 CaseType=Combination P=-2.16566635602899 V2=72.3223196906676 V3=0 T=0 M2=0 M3=-13.3240035878573 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR098 CaseType=Combination P=-2.16566635602899 V2=75.3809134406676 V3=0 T=0 M2=0 M3=-17.9397296232115 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR099 CaseType=Combination P=-7.45550462016503 V2=157.372319691139 V3=0 T=0 M2=0 M3=-35.717335177239 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR099 CaseType=Combination P=-7.45550462016503 V2=163.974663441139 V3=0 T=0 M2=0 M3=-45.7594284001227 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR100 CaseType=Combination P=-19.8447039409158 V2=162.849861191735 V3=0 T=0 M2=0 M3=-45.2376916493363 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR100 CaseType=Combination P=-19.8447039409158 V2=169.452204941735 V3=0 T=0 M2=0 M3=-55.6221312160072 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR101 CaseType=Combination P=-32.2339032616317 V2=157.372319691245 V3=0 T=0 M2=0 M3=-38.3254236201749 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR101 CaseType=Combination P=-32.2339032616317 V2=163.974663441245 V3=0 T=0 M2=0 M3=-48.3675168430652 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR102 CaseType=Combination P=-15.5323173889586 V2=58.7686111910594 V3=0 T=0 M2=0 M3=-18.2532747266257 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR102 CaseType=Combination P=-15.5323173889586 V2=61.0342361910594 V3=0 T=0 M2=0 M3=-21.9971137073169 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR103 CaseType=Combination P=-27.9215167096745 V2=53.2910696905701 V3=0 T=0 M2=0 M3=-11.3410066974643 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR103 CaseType=Combination P=-27.9215167096745 V2=55.5566946905701 V3=0 T=0 M2=0 M3=-14.7424993343749 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR104 CaseType=Combination P=-12.705830267197 V2=72.322319690656 V3=0 T=0 M2=0 M3=-14.4693868120909 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR104 CaseType=Combination P=-12.705830267197 V2=75.380913440656 V3=0 T=0 M2=0 M3=-19.0851128474444 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=STR105 CaseType=Combination P=-2.10191369043622 V2=72.3223196906676 V3=0 T=0 M2=0 M3=-13.2678065832594 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR105 CaseType=Combination P=-2.10191369043622 V2=75.3809134406676 V3=0 T=0 M2=0 M3=-17.8835326186136 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR106 CaseType=Combination P=-7.39175195457227 V2=157.372319691139 V3=0 T=0 M2=0 M3=-35.6611381726411 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR106 CaseType=Combination P=-7.39175195457227 V2=163.974663441139 V3=0 T=0 M2=0 M3=-45.7032313955248 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR107 CaseType=Combination P=-19.780951275323 V2=162.849861191735 V3=0 T=0 M2=0 M3=-45.1814946447384 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR107 CaseType=Combination P=-19.780951275323 V2=169.452204941735 V3=0 T=0 M2=0 M3=-55.5659342114093 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR108 CaseType=Combination P=-32.1701505960389 V2=157.372319691245 V3=0 T=0 M2=0 M3=-38.269226615577 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR108 CaseType=Combination P=-32.1701505960389 V2=163.974663441245 V3=0 T=0 M2=0 M3=-48.3113198384673 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR109 CaseType=Combination P=-15.4685647233659 V2=58.7686111910594 V3=0 T=0 M2=0 M3=-18.197077220277 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR109 CaseType=Combination P=-15.4685647233659 V2=61.0342361910594 V3=0 T=0 M2=0 M3=-21.9409167027189 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR110 CaseType=Combination P=-27.8577640440817 V2=53.2910696905701 V3=0 T=0 M2=0 M3=-11.284809628663 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR110 CaseType=Combination P=-27.8577640440817 V2=55.5566946905701 V3=0 T=0 M2=0 M3=-14.686302329777 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR111 CaseType=Combination P=-17.3994164599022 V2=74.4901803109936 V3=0 T=0 M2=0 M3=-23.7238518415634 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR111 CaseType=Combination P=-17.3994164599022 V2=77.5487740609936 V3=0 T=0 M2=0 M3=-28.475069165688 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR112 CaseType=Combination P=-6.79549988314141 V2=74.4901803110052 V3=0 T=0 M2=0 M3=-22.5222716127319 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR112 CaseType=Combination P=-6.79549988314141 V2=77.5487740610052 V3=0 T=0 M2=0 M3=-27.2734889368572 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR113 CaseType=Combination P=-13.2976665431862 V2=187.456608187566 V3=0 T=0 M2=0 M3=-50.870964075548 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR113 CaseType=Combination P=-13.2976665431862 V2=195.240201937566 V3=0 T=0 M2=0 M3=-62.8302393919584 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR114 CaseType=Combination P=-28.0492795415451 V2=193.995621970342 V3=0 T=0 M2=0 M3=-62.217947006551 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR114 CaseType=Combination P=-28.0492795415451 V2=201.779215720342 V3=0 T=0 M2=0 M3=-74.5859106843849 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR115 CaseType=Combination P=-42.8008925395548 V2=187.456608187712 V3=0 T=0 M2=0 M3=-53.947888589852 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR115 CaseType=Combination P=-42.8008925395548 V2=195.240201937712 V3=0 T=0 M2=0 M3=-65.9071639062715 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR116 CaseType=Combination P=-21.9736135682093 V2=61.56437196951 V3=0 T=0 M2=0 M3=-27.7690862207132 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR116 CaseType=Combination P=-21.9736135682093 V2=63.82999696951 V3=0 T=0 M2=0 M3=-31.6876602500576 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR117 CaseType=Combination P=-36.725226566219 V2=55.0253581868796 V3=0 T=0 M2=0 M3=-19.4990278040142 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR117 CaseType=Combination P=-36.725226566219 V2=57.2909831868796 V3=0 T=0 M2=0 M3=-23.0089134719441 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR118 CaseType=Combination P=-35.0610864438156 V2=171.286744378551 V3=0 T=0 M2=0 M3=-62.98076872016 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR118 CaseType=Combination P=-35.5251489438156 V2=177.889088128551 V3=0 T=0 M2=0 M3=-73.8925134860069 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR119 CaseType=Combination P=-12.0853381472775 V2=159.540180311477 V3=0 T=0 M2=0 M3=-44.9156032021136 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR119 CaseType=Combination P=-12.0853381472775 V2=166.142524061477 V3=0 T=0 M2=0 M3=-55.0931877137684 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR120 CaseType=Combination P=-24.4745374680282 V2=165.017721812072 V3=0 T=0 M2=0 M3=-54.4359596742109 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR120 CaseType=Combination P=-24.4745374680282 V2=171.620065562072 V3=0 T=0 M2=0 M3=-64.9558905296529 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR121 CaseType=Combination P=-36.8637367887441 V2=159.540180311583 V3=0 T=0 M2=0 M3=-47.5236916450495 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR121 CaseType=Combination P=-36.8637367887441 V2=166.142524061583 V3=0 T=0 M2=0 M3=-57.7012761567109 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR122 CaseType=Combination P=-20.1621509160711 V2=60.936471811397 V3=0 T=0 M2=0 M3=-27.4515427515002 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR122 CaseType=Combination P=-20.1621509160711 V2=63.202096811397 V3=0 T=0 M2=0 M3=-31.3308730209625 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR123 CaseType=Combination P=-32.5513502367869 V2=55.4589303109077 V3=0 T=0 M2=0 M3=-20.5392747223388 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR123 CaseType=Combination P=-32.5513502367869 V2=57.7245553109077 V3=0 T=0 M2=0 M3=-24.0762586480206 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR124 CaseType=Combination P=-19.2744948596651 V2=74.4901803109942 V3=0 T=0 M2=0 M3=-25.3767049179739 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR124 CaseType=Combination P=-19.2744948596651 V2=77.5487740609942 V3=0 T=0 M2=0 M3=-30.1279222420985 FrameElem=35-1 ElemStation=0.0625

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3782004RCECOAIDA1100000100

REV.  
02

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Frame=35 Station=0 OutputCase=STR125 CaseType=Combination P=-8.67057828290427 V2=74.4901803110059 V3=0 T=0 M2=0 M3=-24.1751246891424 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR125 CaseType=Combination P=-8.67057828290427 V2=77.5487740610059 V3=0 T=0 M2=0 M3=-28.9263420132678 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR126 CaseType=Combination P=-13.9604165470403 V2=159.540180311477 V3=0 T=0 M2=0 M3=-46.5684562785241 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR126 CaseType=Combination P=-13.9604165470403 V2=166.142524061477 V3=0 T=0 M2=0 M3=-56.746040790179 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR127 CaseType=Combination P=-26.3496158677911 V2=165.017721812073 V3=0 T=0 M2=0 M3=-56.0888127506214 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR127 CaseType=Combination P=-26.3496158677911 V2=171.620065562073 V3=0 T=0 M2=0 M3=-66.6087436060635 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR128 CaseType=Combination P=-38.7388151885069 V2=159.540180311584 V3=0 T=0 M2=0 M3=-49.17654472146 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR128 CaseType=Combination P=-38.7388151885069 V2=166.142524061584 V3=0 T=0 M2=0 M3=-59.3541292331215 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR129 CaseType=Combination P=-22.0372293158339 V2=60.9364718113977 V3=0 T=0 M2=0 M3=-29.1043958279108 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR129 CaseType=Combination P=-22.0372293158339 V2=63.2020968113977 V3=0 T=0 M2=0 M3=-32.9837260973731 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR130 CaseType=Combination P=-34.4264286365498 V2=55.4589303109084 V3=0 T=0 M2=0 M3=-22.1921277987494 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR130 CaseType=Combination P=-34.4264286365498 V2=57.7245553109084 V3=0 T=0 M2=0 M3=-25.7291117244311 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR131 CaseType=Combination P=-15.5243380601394 V2=74.4901803109929 V3=0 T=0 M2=0 M3=-22.0709987651528 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR131 CaseType=Combination P=-15.5243380601394 V2=77.5487740609929 V3=0 T=0 M2=0 M3=-26.8222160892774 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR132 CaseType=Combination P=-4.92042148337855 V2=74.4901803110046 V3=0 T=0 M2=0 M3=-20.8694185363213 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR132 CaseType=Combination P=-4.92042148337855 V2=77.5487740610046 V3=0 T=0 M2=0 M3=-25.6206358604466 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR133 CaseType=Combination P=-10.2102597475146 V2=159.540180311476 V3=0 T=0 M2=0 M3=-43.2627501257031 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR133 CaseType=Combination P=-10.2102597475146 V2=166.142524061476 V3=0 T=0 M2=0 M3=-53.4403346373578 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR134 CaseType=Combination P=-22.5994590682654 V2=165.017721812072 V3=0 T=0 M2=0 M3=-52.7831065978003 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR134 CaseType=Combination P=-22.5994590682654 V2=171.620065562072 V3=0 T=0 M2=0 M3=-63.3030374532423 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR135 CaseType=Combination P=-34.9886583889812 V2=159.540180311582 V3=0 T=0 M2=0 M3=-45.8708385686389 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR135 CaseType=Combination P=-34.9886583889812 V2=166.142524061582 V3=0 T=0 M2=0 M3=-56.0484230803003 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR136 CaseType=Combination P=-18.2870725163082 V2=60.9364718113964 V3=0 T=0 M2=0 M3=-25.7986896750897 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR136 CaseType=Combination P=-18.2870725163082 V2=63.2020968113964 V3=0 T=0 M2=0 M3=-29.678019944552 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR137 CaseType=Combination P=-30.6762718370241 V2=55.4589303109071 V3=0 T=0 M2=0 M3=-18.8864216459283 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR137 CaseType=Combination P=-30.6762718370241 V2=57.7245553109071 V3=0 T=0 M2=0 M3=-22.42340557161 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR138 CaseType=Combination P=-15.4605853945466 V2=74.4901803109929 V3=0 T=0 M2=0 M3=-22.0148017605549 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR138 CaseType=Combination P=-15.4605853945466 V2=77.5487740609929 V3=0 T=0 M2=0 M3=-26.7660190846795 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR139 CaseType=Combination P=-4.85666881778579 V2=74.4901803110046 V3=0 T=0 M2=0 M3=-20.8132215317234 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR139 CaseType=Combination P=-4.85666881778579 V2=77.5487740610046 V3=0 T=0 M2=0 M3=-25.5644388558487 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR140 CaseType=Combination P=-10.1465070819218 V2=159.540180311476 V3=0 T=0 M2=0 M3=-43.2065531211051 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR140 CaseType=Combination P=-10.1465070819218 V2=166.142524061476 V3=0 T=0 M2=0 M3=-53.3841376327599 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR141 CaseType=Combination P=-22.5357064026726 V2=165.017721812072 V3=0 T=0 M2=0 M3=-52.7269095932024 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR141 CaseType=Combination P=-22.5357064026726 V2=171.620065562072 V3=0 T=0 M2=0 M3=-63.2468404486444 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR142 CaseType=Combination P=-34.9249057233885 V2=159.540180311582 V3=0 T=0 M2=0 M3=-45.814641564041 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR142 CaseType=Combination P=-34.9249057233885 V2=166.142524061582 V3=0 T=0 M2=0 M3=-55.9922260757024 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR143 CaseType=Combination P=-18.2233198507154 V2=60.9364718113964 V3=0 T=0 M2=0 M3=-25.7424926704918 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR143 CaseType=Combination P=-18.2233198507154 V2=63.2020968113964 V3=0 T=0 M2=0 M3=-29.621822939954 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR144 CaseType=Combination P=-30.6125191714313 V2=55.4589303109071 V3=0 T=0 M2=0 M3=-18.8302246413304 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR144 CaseType=Combination P=-30.6125191714313 V2=57.7245553109071 V3=0 T=0 M2=0 M3=-22.3672085670121 FrameElem=35-1 ElemStation=0.0625

PROGETTO SDR

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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
02

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Frame=35 Station=0 OutputCase=STR145 CaseType=Combination P=-12.7906537873014 V2=73.406250000824 V3=0 T=0 M2=0 M3=-17.1027275656506 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR145 CaseType=Combination P=-12.7906537873014 V2=76.464843750824 V3=0 T=0 M2=0 M3=-21.7861992453896 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR146 CaseType=Combination P=-2.18673721054059 V2=73.4062500008356 V3=0 T=0 M2=0 M3=-15.9011473368191 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR146 CaseType=Combination P=-2.18673721054059 V2=76.4648437508356 V3=0 T=0 M2=0 M3=-20.5846190165588 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR147 CaseType=Combination P=-10.5324089396257 V2=186.806250001465 V3=0 T=0 M2=0 M3=-46.8982895100003 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR147 CaseType=Combination P=-10.5324089396257 V2=194.589843751465 V3=0 T=0 M2=0 M3=-58.8169174397794 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR148 CaseType=Combination P=-25.2840219379846 V2=193.345263784241 V3=0 T=0 M2=0 M3=-58.2452724410034 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR148 CaseType=Combination P=-25.2840219379846 V2=201.128857534241 V3=0 T=0 M2=0 M3=-70.5725887322059 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR149 CaseType=Combination P=-40.0356349359943 V2=186.80625000161 V3=0 T=0 M2=0 M3=-49.9752140243043 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR149 CaseType=Combination P=-40.0356349359943 V2=194.58984375161 V3=0 T=0 M2=0 M3=-61.8938419540925 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR150 CaseType=Combination P=-19.2083559646488 V2=60.9140137834082 V3=0 T=0 M2=0 M3=-23.7964116551655 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR150 CaseType=Combination P=-19.2083559646488 V2=63.1796387834082 V3=0 T=0 M2=0 M3=-27.6743382978785 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR151 CaseType=Combination P=-33.9599689626585 V2=54.375000007779 V3=0 T=0 M2=0 M3=-15.5263532384665 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR151 CaseType=Combination P=-33.9599689626585 V2=56.6406250007779 V3=0 T=0 M2=0 M3=-18.9955915197651 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR152 CaseType=Combination P=-32.2958288402551 V2=170.636386192449 V3=0 T=0 M2=0 M3=-59.0080941546123 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR152 CaseType=Combination P=-32.2958288402551 V2=177.238729942449 V3=0 T=0 M2=0 M3=-69.8791915338279 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR153 CaseType=Combination P=-7.47657547467663 V2=158.456250001307 V3=0 T=0 M2=0 M3=-38.2944789262008 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR153 CaseType=Combination P=-7.47657547467663 V2=165.058593751307 V3=0 T=0 M2=0 M3=-48.40431779347 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR154 CaseType=Combination P=-19.8657747954274 V2=163.933791501903 V3=0 T=0 M2=0 M3=-47.8148353982981 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR154 CaseType=Combination P=-19.8657747954274 V2=170.536135251903 V3=0 T=0 M2=0 M3=-58.2670206093545 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR155 CaseType=Combination P=-32.2549741161433 V2=158.456250001413 V3=0 T=0 M2=0 M3=-40.9025673691367 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR155 CaseType=Combination P=-32.2549741161433 V2=165.058593751413 V3=0 T=0 M2=0 M3=-51.0124062364125 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR156 CaseType=Combination P=-15.5533882434702 V2=59.8525415012275 V3=0 T=0 M2=0 M3=-20.8304184755874 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR156 CaseType=Combination P=-15.5533882434702 V2=62.1181665012275 V3=0 T=0 M2=0 M3=-24.6420031006641 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR157 CaseType=Combination P=-27.9425875641861 V2=54.375000007381 V3=0 T=0 M2=0 M3=-13.918150446426 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR157 CaseType=Combination P=-27.9425875641861 V2=56.6406250007381 V3=0 T=0 M2=0 M3=-17.3873887277222 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR158 CaseType=Combination P=-14.6657321870643 V2=73.4062500008247 V3=0 T=0 M2=0 M3=-18.7555806420611 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR158 CaseType=Combination P=-14.6657321870643 V2=76.4648437508247 V3=0 T=0 M2=0 M3=-23.4390523218002 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR159 CaseType=Combination P=-4.06181561030345 V2=73.4062500008363 V3=0 T=0 M2=0 M3=-17.5540004132296 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR159 CaseType=Combination P=-4.06181561030345 V2=76.4648437508363 V3=0 T=0 M2=0 M3=-22.2374720929694 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR160 CaseType=Combination P=-9.35165387443949 V2=158.456250001308 V3=0 T=0 M2=0 M3=-39.9473320026113 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR160 CaseType=Combination P=-9.35165387443949 V2=165.058593751308 V3=0 T=0 M2=0 M3=-50.0571708698806 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR161 CaseType=Combination P=-21.7408531951903 V2=163.933791501903 V3=0 T=0 M2=0 M3=-49.4676884747086 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR161 CaseType=Combination P=-21.7408531951903 V2=170.536135251903 V3=0 T=0 M2=0 M3=-59.9198736857651 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR162 CaseType=Combination P=-34.1300525159061 V2=158.456250001414 V3=0 T=0 M2=0 M3=-42.5554204455472 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR162 CaseType=Combination P=-34.1300525159061 V2=165.058593751414 V3=0 T=0 M2=0 M3=-52.6652593128231 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR163 CaseType=Combination P=-17.4284666432331 V2=59.8525415012281 V3=0 T=0 M2=0 M3=-22.483271551998 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR163 CaseType=Combination P=-17.4284666432331 V2=62.1181665012281 V3=0 T=0 M2=0 M3=-26.2948561770747 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR164 CaseType=Combination P=-29.817665963949 V2=54.375000007388 V3=0 T=0 M2=0 M3=-15.571005228366 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR164 CaseType=Combination P=-29.817665963949 V2=56.6406250007388 V3=0 T=0 M2=0 M3=-19.0402418041327 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=STR165 CaseType=Combination P=-10.9155753875386 V2=73.4062500008233 V3=0 T=0 M2=0 M3=-15.44987448924 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR165 CaseType=Combination P=-10.9155753875386 V2=76.4648437508233 V3=0 T=0 M2=0 M3=-20.133346168979 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR166 CaseType=Combination P=-0.311658810777729 V2=73.406250000835 V3=0 T=0 M2=0 M3=-14.2482942604085 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR166 CaseType=Combination P=-0.311658810777729 V2=76.464843750835 V3=0 T=0 M2=0 M3=-18.9317659401482 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR167 CaseType=Combination P=-5.60149707491377 V2=158.456250001306 V3=0 T=0 M2=0 M3=-36.6416258497903 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR167 CaseType=Combination P=-5.60149707491377 V2=165.058593751306 V3=0 T=0 M2=0 M3=-46.7514647170594 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR168 CaseType=Combination P=-17.9906963956645 V2=163.933791501902 V3=0 T=0 M2=0 M3=-46.1619823218875 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR168 CaseType=Combination P=-17.9906963956645 V2=170.536135251902 V3=0 T=0 M2=0 M3=-56.6141675329439 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR169 CaseType=Combination P=-30.3798957163804 V2=158.456250001413 V3=0 T=0 M2=0 M3=-39.2497142927261 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR169 CaseType=Combination P=-30.3798957163804 V2=165.058593751413 V3=0 T=0 M2=0 M3=-49.3595531600019 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR170 CaseType=Combination P=-13.6783098437074 V2=59.8525415012268 V3=0 T=0 M2=0 M3=-19.1775653991769 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR170 CaseType=Combination P=-13.6783098437074 V2=62.1181665012268 V3=0 T=0 M2=0 M3=-22.9891500242536 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR171 CaseType=Combination P=-26.0675091644232 V2=54.3750000007375 V3=0 T=0 M2=0 M3=-12.2652973700155 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR171 CaseType=Combination P=-26.0675091644232 V2=56.6406250007375 V3=0 T=0 M2=0 M3=-15.7345356513116 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR172 CaseType=Combination P=-11.9642272490965 V2=72.7558918147229 V3=0 T=0 M2=0 M3=-14.8391030811114 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR172 CaseType=Combination P=-11.9642272490965 V2=75.8144855647229 V3=0 T=0 M2=0 M3=-19.481927374219 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR173 CaseType=Combination P=-1.36031067233572 V2=72.7558918147346 V3=0 T=0 M2=0 M3=-13.6375228522799 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR173 CaseType=Combination P=-1.36031067233572 V2=75.8144855647346 V3=0 T=0 M2=0 M3=-18.2803471453883 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR174 CaseType=Combination P=-6.65014893647176 V2=157.805891815206 V3=0 T=0 M2=0 M3=-36.0308544416616 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR174 CaseType=Combination P=-6.65014893647176 V2=164.408235565206 V3=0 T=0 M2=0 M3=-46.1000459222995 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR175 CaseType=Combination P=-19.0393482572225 V2=163.283433315802 V3=0 T=0 M2=0 M3=-45.5512109137589 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR175 CaseType=Combination P=-19.0393482572225 V2=169.885777065802 V3=0 T=0 M2=0 M3=-55.9627487381839 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR176 CaseType=Combination P=-31.4285475779384 V2=157.805891815312 V3=0 T=0 M2=0 M3=-38.6389428845975 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR176 CaseType=Combination P=-31.4285475779384 V2=164.408235565312 V3=0 T=0 M2=0 M3=-48.708134365242 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR177 CaseType=Combination P=-14.7269617052654 V2=59.2021833151264 V3=0 T=0 M2=0 M3=-18.5667939910482 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR177 CaseType=Combination P=-14.7269617052654 V2=61.4678083151264 V3=0 T=0 M2=0 M3=-22.3377312294936 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR178 CaseType=Combination P=-27.1161610259812 V2=53.724641814637 V3=0 T=0 M2=0 M3=-11.6545259618868 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR178 CaseType=Combination P=-27.1161610259812 V2=55.990266814637 V3=0 T=0 M2=0 M3=-15.0831168565516 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR179 CaseType=Combination P=-11.9642272490965 V2=72.7558918147229 V3=0 T=0 M2=0 M3=-14.8391030811114 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR179 CaseType=Combination P=-11.9642272490965 V2=75.8144855647229 V3=0 T=0 M2=0 M3=-19.481927374219 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR180 CaseType=Combination P=-13.6170803255063 V2=74.0566081869251 V3=0 T=0 M2=0 M3=-19.3663520501898 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR180 CaseType=Combination P=-13.6170803255063 V2=77.1152019369251 V3=0 T=0 M2=0 M3=-24.0904711165601 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR181 CaseType=Combination P=-3.01316374874546 V2=74.0566081869367 V3=0 T=0 M2=0 M3=-18.1647718213583 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR181 CaseType=Combination P=-3.01316374874546 V2=77.1152019369367 V3=0 T=0 M2=0 M3=-22.8888908877293 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR182 CaseType=Combination P=-8.3030020128815 V2=159.106608187408 V3=0 T=0 M2=0 M3=-40.55810341074 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR182 CaseType=Combination P=-8.3030020128815 V2=165.708951937408 V3=0 T=0 M2=0 M3=-50.7085896646405 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR183 CaseType=Combination P=-20.6922013336323 V2=164.584149688004 V3=0 T=0 M2=0 M3=-50.0784598828373 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR183 CaseType=Combination P=-20.6922013336323 V2=171.186493438004 V3=0 T=0 M2=0 M3=-60.571292480525 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR184 CaseType=Combination P=-33.0814006543481 V2=159.106608187514 V3=0 T=0 M2=0 M3=-43.1661918536759 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR184 CaseType=Combination P=-33.0814006543481 V2=165.708951937514 V3=0 T=0 M2=0 M3=-53.316678107583 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=STR185 CaseType=Combination P=-16.3798147816751 V2=60.5028996873286 V3=0 T=0 M2=0 M3=-23.0940429601266 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR185 CaseType=Combination P=-16.3798147816751 V2=62.7685246873286 V3=0 T=0 M2=0 M3=-26.9462749718347 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR186 CaseType=Combination P=-28.769014102391 V2=55.0253581868392 V3=0 T=0 M2=0 M3=-16.1817749309652 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR186 CaseType=Combination P=-28.769014102391 V2=57.2909831868392 V3=0 T=0 M2=0 M3=-19.6916605988927 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=STR187 CaseType=Combination P=-13.6170803255063 V2=74.0566081869251 V3=0 T=0 M2=0 M3=-19.3663520501898 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=STR187 CaseType=Combination P=-13.6170803255063 V2=77.1152019369251 V3=0 T=0 M2=0 M3=-24.0904711165601 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658810777729 V2=193.995621970342 V3=0 T=0 M2=0 M3=-11.284809628663 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Max P=-0.311658810777729 V2=201.779215720342 V3=0 T=0 M2=0 M3=-14.6863023297777 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495444011128 V2=53.2910696905701 V3=0 T=0 M2=0 M3=-62.98076872016 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Min P=-43.8495444011128 V2=55.5566946905701 V3=0 T=0 M2=0 M3=-74.5859106843849 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS01 CaseType=Combination P=-32.9788242712513 V2=64.6107820653517 V3=0 T=0 M2=0 M3=-33.5703736442215 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS01 CaseType=Combination P=-33.6156992712513 V2=66.7804070653517 V3=0 T=0 M2=0 M3=-37.676348304556 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS02 CaseType=Combination P=-34.2809620488644 V2=64.6107820653521 V3=0 T=0 M2=0 M3=-34.7181882806177 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS02 CaseType=Combination P=-34.9178370488644 V2=66.7804070653521 V3=0 T=0 M2=0 M3=-38.8241629409522 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS03 CaseType=Combination P=-31.6766864936382 V2=64.6107820653512 V3=0 T=0 M2=0 M3=-32.4225590078253 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS03 CaseType=Combination P=-32.3135614936382 V2=66.7804070653512 V3=0 T=0 M2=0 M3=-36.5285336681597 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS04 CaseType=Combination P=-32.4049169530535 V2=64.1591444361148 V3=0 T=0 M2=0 M3=-31.9984121966248 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS04 CaseType=Combination P=-33.0417919530535 V2=66.3287694361148 V3=0 T=0 M2=0 M3=-36.076159505132 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS05 CaseType=Combination P=-33.5527315894491 V2=65.0624196945885 V3=0 T=0 M2=0 M3=-35.1423350918182 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS05 CaseType=Combination P=-34.1896065894491 V2=67.2320446945885 V3=0 T=0 M2=0 M3=-39.2765371039799 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS06 CaseType=Combination P=-31.6324138091988 V2=64.6107820653512 V3=0 T=0 M2=0 M3=-32.3835333101878 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS06 CaseType=Combination P=-32.2692888091988 V2=66.7804070653512 V3=0 T=0 M2=0 M3=-36.4895079705223 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS07 CaseType=Combination P=-33.7070547306666 V2=64.1591444361153 V3=0 T=0 M2=0 M3=-33.146226833021 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS07 CaseType=Combination P=-34.3439297306666 V2=66.3287694361153 V3=0 T=0 M2=0 M3=-37.2293741415282 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS08 CaseType=Combination P=-34.8548693670622 V2=65.062419694589 V3=0 T=0 M2=0 M3=-36.2901497282144 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS08 CaseType=Combination P=-35.4917443670622 V2=67.232044694589 V3=0 T=0 M2=0 M3=-40.4243517403762 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS09 CaseType=Combination P=-32.9345515868119 V2=64.6107820653517 V3=0 T=0 M2=0 M3=-33.531347946584 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS09 CaseType=Combination P=-33.5714265868119 V2=66.7804070653517 V3=0 T=0 M2=0 M3=-37.6373226069185 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS10 CaseType=Combination P=-33.0779292230898 V2=69.2187820653824 V3=0 T=0 M2=0 M3=-34.7472233035164 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS10 CaseType=Combination P=-33.7148042230898 V2=71.5804070653824 V3=0 T=0 M2=0 M3=-39.1471979638528 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS11 CaseType=Combination P=-34.3800670007029 V2=69.2187820653829 V3=0 T=0 M2=0 M3=-35.8950379399126 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS11 CaseType=Combination P=-35.0169420007029 V2=71.5804070653829 V3=0 T=0 M2=0 M3=-40.2950126002491 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS12 CaseType=Combination P=-31.7757914454767 V2=69.2187820653819 V3=0 T=0 M2=0 M3=-33.5994086671202 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS12 CaseType=Combination P=-32.412664454767 V2=71.5804070653819 V3=0 T=0 M2=0 M3=-37.9993833274566 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS13 CaseType=Combination P=-32.504021904892 V2=68.7671444361455 V3=0 T=0 M2=0 M3=-33.175261859198 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS13 CaseType=Combination P=-33.140896904892 V2=71.1287694361455 V3=0 T=0 M2=0 M3=-37.5470091644288 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS14 CaseType=Combination P=-33.6518365412876 V2=69.6704196946193 V3=0 T=0 M2=0 M3=-36.3191847511131 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS14 CaseType=Combination P=-34.2887115412876 V2=72.0320446946193 V3=0 T=0 M2=0 M3=-40.7473867632768 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS15 CaseType=Combination P=-31.7315187610373 V2=69.2187820653819 V3=0 T=0 M2=0 M3=-33.5603829694828 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS15 CaseType=Combination P=-32.3683937610373 V2=71.5804070653819 V3=0 T=0 M2=0 M3=-37.9603576298191 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=SIS16 CaseType=Combination P=-33.8061596825051 V2=68.767144436146 V3=0 T=0 M2=0 M3=-34.323076492316 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS16 CaseType=Combination P=-34.4430346825051 V2=71.128769436146 V3=0 T=0 M2=0 M3=-38.6948238008251 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS17 CaseType=Combination P=-34.9539743189007 V2=69.6704196946197 V3=0 T=0 M2=0 M3=-37.4669993875093 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS17 CaseType=Combination P=-35.5908493189007 V2=72.0320446946197 V3=0 T=0 M2=0 M3=-41.895201399673 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS18 CaseType=Combination P=-33.0336565386504 V2=69.2187820653824 V3=0 T=0 M2=0 M3=-34.708197605879 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS18 CaseType=Combination P=-33.6705315386504 V2=71.5804070653824 V3=0 T=0 M2=0 M3=-39.1081722662154 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS19 CaseType=Combination P=-22.1637018273354 V2=52.3148132343355 V3=0 T=0 M2=0 M3=-21.8174291289046 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS19 CaseType=Combination P=-22.3547643273354 V2=54.2604382343355 V3=0 T=0 M2=0 M3=-25.1479057373006 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS20 CaseType=Combination P=-23.4658396049485 V2=52.3148132343359 V3=0 T=0 M2=0 M3=-22.9652437653008 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS20 CaseType=Combination P=-23.6569021049485 V2=54.2604382343359 V3=0 T=0 M2=0 M3=-26.2957203736968 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS21 CaseType=Combination P=-20.8615640497223 V2=52.314813234335 V3=0 T=0 M2=0 M3=-20.6696144925084 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS21 CaseType=Combination P=-21.0526265497223 V2=54.260438234335 V3=0 T=0 M2=0 M3=-24.0000911009043 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS22 CaseType=Combination P=-21.5897945091376 V2=51.8631756050986 V3=0 T=0 M2=0 M3=-20.2454676813079 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS22 CaseType=Combination P=-21.7808570091376 V2=53.8088006050986 V3=0 T=0 M2=0 M3=-23.5477169378766 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS23 CaseType=Combination P=-22.7376091455333 V2=52.7664508635723 V3=0 T=0 M2=0 M3=-23.3893905765013 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS23 CaseType=Combination P=-22.9286716455333 V2=54.7120758635723 V3=0 T=0 M2=0 M3=-26.7480945367245 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS24 CaseType=Combination P=-20.8172913652829 V2=52.314813234335 V3=0 T=0 M2=0 M3=-20.6305887948709 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS24 CaseType=Combination P=-21.0083538652829 V2=54.260438234335 V3=0 T=0 M2=0 M3=-23.9610654032669 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS25 CaseType=Combination P=-22.8919322867507 V2=51.863175605099 V3=0 T=0 M2=0 M3=-21.3932823177041 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS25 CaseType=Combination P=-23.0829947867507 V2=53.808800605099 V3=0 T=0 M2=0 M3=-24.6955315742728 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS26 CaseType=Combination P=-24.0397469231464 V2=52.7664508635728 V3=0 T=0 M2=0 M3=-24.5372052128975 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS26 CaseType=Combination P=-24.2308094231464 V2=54.7120758635728 V3=0 T=0 M2=0 M3=-27.8959091731208 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS27 CaseType=Combination P=-22.119429142896 V2=52.3148132343355 V3=0 T=0 M2=0 M3=-21.7784034312671 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS27 CaseType=Combination P=-22.310491642896 V2=54.2604382343355 V3=0 T=0 M2=0 M3=-25.1088800396631 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS28 CaseType=Combination P=-22.494051666797 V2=67.6748132344379 V3=0 T=0 M2=0 M3=-25.7402613265544 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS28 CaseType=Combination P=-22.685114166797 V2=70.2604382344379 V3=0 T=0 M2=0 M3=-30.0507379349567 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS29 CaseType=Combination P=-23.7961894444101 V2=67.6748132344383 V3=0 T=0 M2=0 M3=-26.8880759629506 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS29 CaseType=Combination P=-23.9872519444101 V2=70.2604382344384 V3=0 T=0 M2=0 M3=-31.198552571353 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS30 CaseType=Combination P=-21.1919138891839 V2=67.6748132344374 V3=0 T=0 M2=0 M3=-24.5924466901581 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS30 CaseType=Combination P=-21.3829763891839 V2=70.2604382344374 V3=0 T=0 M2=0 M3=-28.9029232985605 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS31 CaseType=Combination P=-21.9201443485992 V2=67.223175605201 V3=0 T=0 M2=0 M3=-24.1682998789577 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS31 CaseType=Combination P=-22.1112068485992 V2=69.808800605201 V3=0 T=0 M2=0 M3=-28.4505491355327 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS32 CaseType=Combination P=-23.0679589849949 V2=68.1264508636748 V3=0 T=0 M2=0 M3=-27.312222774151 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS32 CaseType=Combination P=-23.2590214849949 V2=70.7120758636748 V3=0 T=0 M2=0 M3=-31.6509267343807 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS33 CaseType=Combination P=-21.1476412047445 V2=67.6748132344374 V3=0 T=0 M2=0 M3=-24.5534209925207 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS33 CaseType=Combination P=-21.3387037047445 V2=70.2604382344374 V3=0 T=0 M2=0 M3=-28.863897600923 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS34 CaseType=Combination P=-23.2222821262123 V2=67.2231756052015 V3=0 T=0 M2=0 M3=-25.3161145153539 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS34 CaseType=Combination P=-23.4133446262123 V2=69.8088006052015 V3=0 T=0 M2=0 M3=-29.598363771929 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=SIS35 CaseType=Combination P=-24.370096762608 V2=68.1264508636752 V3=0 T=0 M2=0 M3=-28.4600374105472 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS35 CaseType=Combination P=-24.561159262608 V2=70.7120758636752 V3=0 T=0 M2=0 M3=-32.7987413707769 FrameElem=35-1  
ElemStation=0.0625

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Frame=35 Station=0 OutputCase=SIS36 CaseType=Combination P=-22.4497789823576 V2=67.6748132344379 V3=0 T=0 M2=0 M3=-25.7012356289169 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=SIS36 CaseType=Combination P=-22.6408414823576 V2=70.2604382344379 V3=0 T=0 M2=0 M3=-30.0117122373193 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-20.8172913652829 V2=69.6704196946197 V3=0 T=0 M2=0 M3=-20.2454676813079 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Max P=-21.0083538652829 V2=72.0320446946197 V3=0 T=0 M2=0 M3=-23.5477169378766 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-34.9539743189007 V2=51.8631756050986 V3=0 T=0 M2=0 M3=-37.4669993875093 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Min P=-35.5908493189007 V2=53.8088006050986 V3=0 T=0 M2=0 M3=-41.895201399673 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR001 CaseType=Combination P=-11.8681769601685 V2=54.375000006112 V3=0 T=0 M2=0 M3=-14.7786254572825 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR001 CaseType=Combination P=-11.8681769601685 V2=56.6406250006112 V3=0 T=0 M2=0 M3=-18.2478637385707 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR002 CaseType=Combination P=-11.6201056505453 V2=138.375000001099 V3=0 T=0 M2=0 M3=-36.2753495107331 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR002 CaseType=Combination P=-11.6201056505453 V2=144.140625001099 V3=0 T=0 M2=0 M3=-45.1039627920518 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR003 CaseType=Combination P=-21.3561513440583 V2=142.703555699991 V3=0 T=0 M2=0 M3=-43.7728283424985 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR003 CaseType=Combination P=-21.3561513440583 V2=148.469180699991 V3=0 T=0 M2=0 M3=-52.871976354998 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR004 CaseType=Combination P=-31.092197038037 V2=138.375000001193 V3=0 T=0 M2=0 M3=-38.2846400780095 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR004 CaseType=Combination P=-31.092197038037 V2=144.140625001193 V3=0 T=0 M2=0 M3=-47.1132533593341 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR005 CaseType=Combination P=-16.1316197251585 V2=58.7035556995252 V3=0 T=0 M2=0 M3=-21.6559576369364 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR005 CaseType=Combination P=-16.1316197251585 V2=60.9691806995252 V3=0 T=0 M2=0 M3=-25.3957306494067 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR006 CaseType=Combination P=-25.8676654191372 V2=54.3750000007276 V3=0 T=0 M2=0 M3=-16.1677693724473 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR006 CaseType=Combination P=-25.8676654191372 V2=56.6406250007276 V3=0 T=0 M2=0 M3=-19.6370076537428 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR007 CaseType=Combination P=-26.5500823827772 V2=125.882164891256 V3=0 T=0 M2=0 M3=-44.3378814636903 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR007 CaseType=Combination P=-26.8938323827772 V2=130.772789891256 V3=0 T=0 M2=0 M3=-52.3583488006439 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR008 CaseType=Combination P=-8.9998495868717 V2=54.375000006339 V3=0 T=0 M2=0 M3=-16.4541080779634 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR008 CaseType=Combination P=-8.9998495868717 V2=56.6406250006339 V3=0 T=0 M2=0 M3=-19.923346359253 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR009 CaseType=Combination P=-13.182670983681 V2=138.375000001099 V3=0 T=0 M2=0 M3=-37.6527270744086 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR009 CaseType=Combination P=-13.182670983681 V2=144.140625001099 V3=0 T=0 M2=0 M3=-46.4813403557273 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR010 CaseType=Combination P=-22.918716677194 V2=142.703555699991 V3=0 T=0 M2=0 M3=-45.150205906174 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR010 CaseType=Combination P=-22.918716677194 V2=148.469180699991 V3=0 T=0 M2=0 M3=-54.2493539186734 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR011 CaseType=Combination P=-32.6547623711727 V2=138.375000001194 V3=0 T=0 M2=0 M3=-39.6620176416849 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR011 CaseType=Combination P=-32.6547623711727 V2=144.140625001194 V3=0 T=0 M2=0 M3=-48.4906309230095 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR012 CaseType=Combination P=-17.6941850582942 V2=58.7035556995252 V3=0 T=0 M2=0 M3=-23.033352006118 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR012 CaseType=Combination P=-17.6941850582942 V2=60.9691806995252 V3=0 T=0 M2=0 M3=-26.7731082130822 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR013 CaseType=Combination P=-27.4302307522729 V2=54.3750000007281 V3=0 T=0 M2=0 M3=-17.5451469361228 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR013 CaseType=Combination P=-27.4302307522729 V2=56.6406250007281 V3=0 T=0 M2=0 M3=-21.0143852174183 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR014 CaseType=Combination P=-28.1126477159129 V2=125.882164891257 V3=0 T=0 M2=0 M3=-45.7152590273658 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR014 CaseType=Combination P=-28.4563977159129 V2=130.772789891257 V3=0 T=0 M2=0 M3=-53.7357263643193 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR015 CaseType=Combination P=-12.9182483010466 V2=117.375000000983 V3=0 T=0 M2=0 M3=-33.041761107135 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR015 CaseType=Combination P=-12.9182483010466 V2=122.265625000983 V3=0 T=0 M2=0 M3=-40.5305306384464 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR016 CaseType=Combination P=-20.9043579370721 V2=120.917279935297 V3=0 T=0 M2=0 M3=-39.1861833026739 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR016 CaseType=Combination P=-20.9043579370721 V2=125.807904935297 V3=0 T=0 M2=0 M3=-46.89634532988 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR017 CaseType=Combination P=-28.8904675737961 V2=117.375000001049 V3=0 T=0 M2=0 M3=-34.7037656956201 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR017 CaseType=Combination P=-28.8904675737961 V2=122.265625001049 V3=0 T=0 M2=0 M3=-42.1925352269357 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=RAR018 CaseType=Combination P=-16.9859592228972 V2=57.9172799349481 V3=0 T=0 M2=0 M3=-22.5985302735023 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR018 CaseType=Combination P=-16.9859592228972 V2=60.1829049349481 V3=0 T=0 M2=0 M3=-26.2891610506865 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR019 CaseType=Combination P=-24.9720688596212 V2=54.3750000006994 V3=0 T=0 M2=0 M3=-18.1161126664485 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR019 CaseType=Combination P=-24.9720688596212 V2=56.6406250006994 V3=0 T=0 M2=0 M3=-21.5853509477422 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR020 CaseType=Combination P=-8.31116080503431 V2=53.8330348455497 V3=0 T=0 M2=0 M3=-14.5677543408473 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR020 CaseType=Combination P=-8.31116080503431 V2=56.0986598455497 V3=0 T=0 M2=0 M3=-18.0031197999442 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR021 CaseType=Combination P=-12.2295595192092 V2=116.833034845899 V3=0 T=0 M2=0 M3=-31.155407370019 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR021 CaseType=Combination P=-12.2295595192092 V2=121.723659845899 V3=0 T=0 M2=0 M3=-38.6103040791377 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR022 CaseType=Combination P=-20.2156691552347 V2=120.375314780213 V3=0 T=0 M2=0 M3=-37.299829565579 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR022 CaseType=Combination P=-20.2156691552347 V2=125.265939780213 V3=0 T=0 M2=0 M3=-44.9761187705712 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR023 CaseType=Combination P=-28.2017787919587 V2=116.833034845964 V3=0 T=0 M2=0 M3=-32.8174119585041 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR023 CaseType=Combination P=-28.2017787919587 V2=121.723659845964 V3=0 T=0 M2=0 M3=-40.2723086676269 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR024 CaseType=Combination P=-16.2972704410598 V2=57.3753147798638 V3=0 T=0 M2=0 M3=-20.7121765363863 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR024 CaseType=Combination P=-16.2972704410598 V2=59.6409397798638 V3=0 T=0 M2=0 M3=-24.3689344913778 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR025 CaseType=Combination P=-24.2833800777838 V2=53.8330348456152 V3=0 T=0 M2=0 M3=-16.2297589293325 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR025 CaseType=Combination P=-24.2833800777838 V2=56.0986598456152 V3=0 T=0 M2=0 M3=-19.6651243884335 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR026 CaseType=Combination P=-9.68853836870909 V2=54.9169651557182 V3=0 T=0 M2=0 M3=-18.3404618150794 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR026 CaseType=Combination P=-9.68853836870909 V2=57.1825901557182 V3=0 T=0 M2=0 M3=-21.8435729185617 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR027 CaseType=Combination P=-13.6069370828839 V2=117.916965156067 V3=0 T=0 M2=0 M3=-34.928114844251 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR027 CaseType=Combination P=-13.6069370828839 V2=122.807590156067 V3=0 T=0 M2=0 M3=-42.4507571977552 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR028 CaseType=Combination P=-21.5930467189094 V2=121.459245090382 V3=0 T=0 M2=0 M3=-41.0725370397899 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR028 CaseType=Combination P=-21.5930467189094 V2=126.349870090382 V3=0 T=0 M2=0 M3=-48.8165718891888 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR029 CaseType=Combination P=-29.5791563556334 V2=117.916965156133 V3=0 T=0 M2=0 M3=-36.5901194327362 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR029 CaseType=Combination P=-29.5791563556334 V2=122.807590156133 V3=0 T=0 M2=0 M3=-44.1127617862445 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR030 CaseType=Combination P=-17.6746480047346 V2=58.4592450900323 V3=0 T=0 M2=0 M3=-24.4848840106183 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR030 CaseType=Combination P=-17.6746480047346 V2=60.7248700900323 V3=0 T=0 M2=0 M3=-28.2093876099953 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR031 CaseType=Combination P=-25.6607576414586 V2=54.9169651557836 V3=0 T=0 M2=0 M3=-20.0024664035645 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR031 CaseType=Combination P=-25.6607576414586 V2=57.1825901557836 V3=0 T=0 M2=0 M3=-23.505577507051 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR032 CaseType=Combination P=-7.38415703240868 V2=54.3750000006334 V3=0 T=0 M2=0 M3=-15.029899677123 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR032 CaseType=Combination P=-7.38415703240868 V2=56.6406250006334 V3=0 T=0 M2=0 M3=-18.4991379584125 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR033 CaseType=Combination P=-11.3025557465835 V2=117.375000000983 V3=0 T=0 M2=0 M3=-31.6175527062946 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR033 CaseType=Combination P=-11.3025557465835 V2=122.265625000983 V3=0 T=0 M2=0 M3=-39.106322237606 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR034 CaseType=Combination P=-19.288665382609 V2=120.917279935297 V3=0 T=0 M2=0 M3=-37.7619749018335 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR034 CaseType=Combination P=-19.288665382609 V2=125.807904935297 V3=0 T=0 M2=0 M3=-45.4721369290396 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR035 CaseType=Combination P=-27.274775019333 V2=117.375000001048 V3=0 T=0 M2=0 M3=-33.2795572947798 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR035 CaseType=Combination P=-27.274775019333 V2=122.265625001048 V3=0 T=0 M2=0 M3=-40.7683268260953 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR036 CaseType=Combination P=-15.3702666684342 V2=57.9172799349475 V3=0 T=0 M2=0 M3=-21.1743218726619 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR036 CaseType=Combination P=-15.3702666684342 V2=60.1829049349475 V3=0 T=0 M2=0 M3=-24.8649526498461 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR037 CaseType=Combination P=-23.3563763051582 V2=54.3750000006989 V3=0 T=0 M2=0 M3=-16.6919042656081 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR037 CaseType=Combination P=-23.3563763051582 V2=56.6406250006989 V3=0 T=0 M2=0 M3=-20.1611425469018 FrameElem=35-1 ElemStation=0.0625

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3782004RCECOAIDA11000000100

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Frame=35 Station=0 OutputCase=RAR038 CaseType=Combination P=-3.79129847641931 V2=54.3750000006321 V3=0 T=0 M2=0 M3=-11.8628495323785 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR038 CaseType=Combination P=-3.79129847641931 V2=56.6406250006321 V3=0 T=0 M2=0 M3=-15.332087813668 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.0575403174096 V2=138.375000001098 V3=0 T=0 M2=0 M3=-34.8979719470577 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR039 CaseType=Combination P=-10.0575403174096 V2=144.140625001098 V3=0 T=0 M2=0 M3=-43.7265852283763 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR040 CaseType=Combination P=-19.7935860109226 V2=142.70355569999 V3=0 T=0 M2=0 M3=-42.3954507788231 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR040 CaseType=Combination P=-19.7935860109226 V2=148.46918069999 V3=0 T=0 M2=0 M3=-51.4945987913225 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR041 CaseType=Combination P=-29.5296317049013 V2=138.375000001193 V3=0 T=0 M2=0 M3=-36.907262514334 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR041 CaseType=Combination P=-29.5296317049013 V2=144.140625001193 V3=0 T=0 M2=0 M3=-45.7358757956586 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR042 CaseType=Combination P=-14.5690543920228 V2=58.7035556995246 V3=0 T=0 M2=0 M3=-20.2785800732609 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR042 CaseType=Combination P=-14.5690543920228 V2=60.9691806995246 V3=0 T=0 M2=0 M3=-24.0183530857312 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR043 CaseType=Combination P=-24.3051000860015 V2=54.375000000727 V3=0 T=0 M2=0 M3=-14.7903918087719 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR043 CaseType=Combination P=-24.3051000860015 V2=56.640625000727 V3=0 T=0 M2=0 M3=-18.2596300900673 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR044 CaseType=Combination P=-24.9875170496415 V2=125.882164891256 V3=0 T=0 M2=0 M3=-42.9605039000149 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR044 CaseType=Combination P=-25.3312670496415 V2=130.772789891256 V3=0 T=0 M2=0 M3=-50.9809712369684 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR045 CaseType=Combination P=-7.70969719059416 V2=117.375000000981 V3=0 T=0 M2=0 M3=-28.4505025615502 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR045 CaseType=Combination P=-7.70969719059416 V2=122.265625000981 V3=0 T=0 M2=0 M3=-35.9392720928615 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR046 CaseType=Combination P=-15.6958068266197 V2=120.917279935295 V3=0 T=0 M2=0 M3=-34.5949247570891 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR046 CaseType=Combination P=-15.6958068266197 V2=125.807904935295 V3=0 T=0 M2=0 M3=-42.3050867842951 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR047 CaseType=Combination P=-23.6819164633437 V2=117.375000001047 V3=0 T=0 M2=0 M3=-30.1125071500353 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR047 CaseType=Combination P=-23.6819164633437 V2=122.265625001047 V3=0 T=0 M2=0 M3=-37.6012766813508 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR048 CaseType=Combination P=-11.7774081124448 V2=57.9172799349462 V3=0 T=0 M2=0 M3=-18.0072717279175 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR048 CaseType=Combination P=-11.7774081124448 V2=60.1829049349462 V3=0 T=0 M2=0 M3=-21.6979025051016 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR049 CaseType=Combination P=-19.7635177491688 V2=54.3750000006976 V3=0 T=0 M2=0 M3=-13.5248541208637 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR049 CaseType=Combination P=-19.7635177491688 V2=56.6406250006976 V3=0 T=0 M2=0 M3=-16.9940924021573 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR050 CaseType=Combination P=-3.10260969458192 V2=53.8330348455479 V3=0 T=0 M2=0 M3=-9.97649579526253 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR050 CaseType=Combination P=-3.10260969458192 V2=56.0986598455479 V3=0 T=0 M2=0 M3=-13.4118612543593 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR051 CaseType=Combination P=-7.02100840875677 V2=116.833034845897 V3=0 T=0 M2=0 M3=-26.5641488244342 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR051 CaseType=Combination P=-7.02100840875677 V2=121.723659845897 V3=0 T=0 M2=0 M3=-34.0190455335527 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR052 CaseType=Combination P=-15.0071180447823 V2=120.375314780211 V3=0 T=0 M2=0 M3=-32.7085710199731 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR052 CaseType=Combination P=-15.0071180447823 V2=125.265939780211 V3=0 T=0 M2=0 M3=-40.3848602249863 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR053 CaseType=Combination P=-22.9932276815063 V2=116.833034845963 V3=0 T=0 M2=0 M3=-28.2261534129193 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR053 CaseType=Combination P=-22.9932276815063 V2=121.723659845963 V3=0 T=0 M2=0 M3=-35.681050122042 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR054 CaseType=Combination P=-11.0887193306074 V2=57.375314779862 V3=0 T=0 M2=0 M3=-16.1209179908015 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR054 CaseType=Combination P=-11.0887193306074 V2=59.640939779862 V3=0 T=0 M2=0 M3=-19.7776759457928 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR055 CaseType=Combination P=-19.0748289673314 V2=53.8330348456133 V3=0 T=0 M2=0 M3=-11.6385003837477 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR055 CaseType=Combination P=-19.0748289673314 V2=56.0986598456133 V3=0 T=0 M2=0 M3=-15.0738658428485 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR056 CaseType=Combination P=-4.4799872582567 V2=54.9169651557163 V3=0 T=0 M2=0 M3=-13.7492032694945 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR056 CaseType=Combination P=-4.4799872582567 V2=57.1825901557163 V3=0 T=0 M2=0 M3=-17.2523143729768 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR057 CaseType=Combination P=-8.39838597243155 V2=117.916965156066 V3=0 T=0 M2=0 M3=-30.3368762986662 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR057 CaseType=Combination P=-8.39838597243155 V2=122.807590156066 V3=0 T=0 M2=0 M3=-37.8594986521703 FrameElem=35-1 ElemStation=0.0625

PROVATO S.D.P.

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Frame=35 Station=0 OutputCase=RAR058 CaseType=Combination P=-16.3844956084571 V2=121.45924509038 V3=0 T=0 M2=0 M3=-36.4812784942051 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR058 CaseType=Combination P=-16.3844956084571 V2=126.34987009038 V3=0 T=0 M2=0 M3=-44.2253133436038 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR059 CaseType=Combination P=-24.3706052451811 V2=117.916965156131 V3=0 T=0 M2=0 M3=-31.9988608871513 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR059 CaseType=Combination P=-24.3706052451811 V2=122.807590156131 V3=0 T=0 M2=0 M3=-39.5215032406595 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR060 CaseType=Combination P=-12.4660968942822 V2=58.4592450900305 V3=0 T=0 M2=0 M3=-19.8936254650335 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR060 CaseType=Combination P=-12.4660968942822 V2=60.7248700900305 V3=0 T=0 M2=0 M3=-23.6181290644104 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR061 CaseType=Combination P=-20.4522065310062 V2=54.9169651557818 V3=0 T=0 M2=0 M3=-15.4112078579797 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR061 CaseType=Combination P=-20.4522065310062 V2=57.1825901557818 V3=0 T=0 M2=0 M3=-18.9143189614661 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR062 CaseType=Combination P=-2.17560592195629 V2=54.3750000006316 V3=0 T=0 M2=0 M3=-10.4386411315381 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR062 CaseType=Combination P=-2.17560592195629 V2=56.6406250006316 V3=0 T=0 M2=0 M3=-13.9078794128276 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR063 CaseType=Combination P=-6.09400463613114 V2=117.375000000981 V3=0 T=0 M2=0 M3=-27.0262941607098 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR063 CaseType=Combination P=-6.09400463613114 V2=122.265625000981 V3=0 T=0 M2=0 M3=-34.5150636920211 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR064 CaseType=Combination P=-14.0801142721566 V2=120.917279935295 V3=0 T=0 M2=0 M3=-33.1707163562487 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR064 CaseType=Combination P=-14.0801142721566 V2=125.807904935295 V3=0 T=0 M2=0 M3=-40.8808783834546 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR065 CaseType=Combination P=-22.0662239088806 V2=117.375000001046 V3=0 T=0 M2=0 M3=-28.6882987491949 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR065 CaseType=Combination P=-22.0662239088806 V2=122.265625001046 V3=0 T=0 M2=0 M3=-36.1770682805103 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR066 CaseType=Combination P=-10.1617155579818 V2=57.9172799349457 V3=0 T=0 M2=0 M3=-16.5830633270771 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR066 CaseType=Combination P=-10.1617155579818 V2=60.1829049349457 V3=0 T=0 M2=0 M3=-20.2736941042612 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR067 CaseType=Combination P=-18.1478251947058 V2=54.375000000697 V3=0 T=0 M2=0 M3=-12.1006457200233 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR067 CaseType=Combination P=-18.1478251947058 V2=56.640625000697 V3=0 T=0 M2=0 M3=-15.5698840013169 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR068 CaseType=Combination P=-5.24775939524986 V2=53.471724721593 V3=0 T=0 M2=0 M3=-11.0145559099776 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR068 CaseType=Combination P=-5.24775939524986 V2=55.7373497421593 V3=0 T=0 M2=0 M3=-14.4273394876126 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR069 CaseType=Combination P=-10.9314168687079 V2=137.833034846014 V3=0 T=0 M2=0 M3=-34.3889957736171 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR069 CaseType=Combination P=-10.9314168687079 V2=143.598659846014 V3=0 T=0 M2=0 M3=-43.183736232743 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR070 CaseType=Combination P=-20.6674625622209 V2=142.161590544907 V3=0 T=0 M2=0 M3=-41.8864746053825 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR070 CaseType=Combination P=-20.6674625622209 V2=147.927215544907 V3=0 T=0 M2=0 M3=-50.9517497956892 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR071 CaseType=Combination P=-30.4035082561996 V2=137.833034846109 V3=0 T=0 M2=0 M3=-36.3982863408935 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR071 CaseType=Combination P=-30.4035082561996 V2=143.598659846109 V3=0 T=0 M2=0 M3=-45.1930268000253 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR072 CaseType=Combination P=-15.4429309433211 V2=58.1615905444409 V3=0 T=0 M2=0 M3=-19.7696038998204 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR072 CaseType=Combination P=-15.4429309433211 V2=60.4272155444409 V3=0 T=0 M2=0 M3=-23.4755040900979 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR073 CaseType=Combination P=-25.1789766372998 V2=53.8330348456434 V3=0 T=0 M2=0 M3=-14.2814156353313 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR073 CaseType=Combination P=-25.1789766372998 V2=56.0986598456434 V3=0 T=0 M2=0 M3=-17.716781094434 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR074 CaseType=Combination P=-25.8613936009398 V2=125.340199736172 V3=0 T=0 M2=0 M3=-42.4515277265743 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR074 CaseType=Combination P=-26.2051436009398 V2=130.230824736172 V3=0 T=0 M2=0 M3=-50.4381222413351 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR075 CaseType=Combination P=-9.16615810942471 V2=116.471724742509 V3=0 T=0 M2=0 M3=-27.6022089391492 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR075 CaseType=Combination P=-9.16615810942471 V2=121.362349742509 V3=0 T=0 M2=0 M3=-35.034523766806 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR076 CaseType=Combination P=-17.1522677454502 V2=120.014004676823 V3=0 T=0 M2=0 M3=-33.7466311346882 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR076 CaseType=Combination P=-17.1522677454502 V2=124.904629676823 V3=0 T=0 M2=0 M3=-41.4003384582396 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR077 CaseType=Combination P=-25.1383773821742 V2=116.471724742574 V3=0 T=0 M2=0 M3=-29.2642155276344 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR077 CaseType=Combination P=-25.1383773821742 V2=121.362349742574 V3=0 T=0 M2=0 M3=-36.6965283552953 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=RAR078 CaseType=Combination P=-13.2338690312754 V2=57.0140046764734 V3=0 T=0 M2=0 M3=-17.1589781055165 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR078 CaseType=Combination P=-13.2338690312754 V2=59.2796296764734 V3=0 T=0 M2=0 M3=-20.7931541790461 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR079 CaseType=Combination P=-21.2199786679994 V2=53.4717247422248 V3=0 T=0 M2=0 M3=-12.6765604984628 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR079 CaseType=Combination P=-21.2199786679994 V2=55.7373497422248 V3=0 T=0 M2=0 M3=-16.0893440761018 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR080 CaseType=Combination P=-6.81032472838558 V2=53.4717247421598 V3=0 T=0 M2=0 M3=-12.391933473653 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR080 CaseType=Combination P=-6.81032472838558 V2=55.7373497421598 V3=0 T=0 M2=0 M3=-15.804717051288 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.7287234425604 V2=116.471724742509 V3=0 T=0 M2=0 M3=-28.9795865028247 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR081 CaseType=Combination P=-10.7287234425604 V2=121.362349742509 V3=0 T=0 M2=0 M3=-36.4119013304815 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.7148330785859 V2=120.014004676823 V3=0 T=0 M2=0 M3=-35.1240086983636 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR082 CaseType=Combination P=-18.7148330785859 V2=124.904629676823 V3=0 T=0 M2=0 M3=-42.7777160219151 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.7009427153099 V2=116.471724742575 V3=0 T=0 M2=0 M3=-30.6415910913098 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR083 CaseType=Combination P=-26.7009427153099 V2=121.362349742575 V3=0 T=0 M2=0 M3=-38.0739059189708 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR084 CaseType=Combination P=-14.7964343644111 V2=57.014004676474 V3=0 T=0 M2=0 M3=-18.536355669192 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR084 CaseType=Combination P=-14.7964343644111 V2=59.279629676474 V3=0 T=0 M2=0 M3=-22.1705317427216 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR085 CaseType=Combination P=-22.7825440011351 V2=53.4717247422253 V3=0 T=0 M2=0 M3=-14.0539380621382 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR085 CaseType=Combination P=-22.7825440011351 V2=55.7373497422253 V3=0 T=0 M2=0 M3=-17.4667216397773 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR086 CaseType=Combination P=-3.68519406211414 V2=53.4717247421587 V3=0 T=0 M2=0 M3=-9.63717834630215 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR086 CaseType=Combination P=-3.68519406211414 V2=55.7373497421587 V3=0 T=0 M2=0 M3=-13.0499619239371 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR087 CaseType=Combination P=-7.60359277628899 V2=116.471724742508 V3=0 T=0 M2=0 M3=-26.2248313754738 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR087 CaseType=Combination P=-7.60359277628899 V2=121.362349742508 V3=0 T=0 M2=0 M3=-33.6571462031305 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR088 CaseType=Combination P=-15.5897024123145 V2=120.014004676822 V3=0 T=0 M2=0 M3=-32.3692535710127 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR088 CaseType=Combination P=-15.5897024123145 V2=124.904629676822 V3=0 T=0 M2=0 M3=-40.0229608945641 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR089 CaseType=Combination P=-23.5758120490385 V2=116.471724742573 V3=0 T=0 M2=0 M3=-27.8868359639589 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR089 CaseType=Combination P=-23.5758120490385 V2=121.362349742573 V3=0 T=0 M2=0 M3=-35.3191507916198 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR090 CaseType=Combination P=-11.6713036981396 V2=57.0140046764729 V3=0 T=0 M2=0 M3=-15.7816005418411 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR090 CaseType=Combination P=-11.6713036981396 V2=59.2796296764729 V3=0 T=0 M2=0 M3=-19.4157766153706 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR091 CaseType=Combination P=-19.6574133348636 V2=53.4717247422242 V3=0 T=0 M2=0 M3=-11.2991829347873 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR091 CaseType=Combination P=-19.6574133348636 V2=55.7373497422242 V3=0 T=0 M2=0 M3=-14.7119665124263 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR092 CaseType=Combination P=-3.63206684078684 V2=53.4717247421587 V3=0 T=0 M2=0 M3=-9.5903475091372 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR092 CaseType=Combination P=-3.63206684078684 V2=55.7373497421587 V3=0 T=0 M2=0 M3=-13.003310867721 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR093 CaseType=Combination P=-7.55046555496168 V2=116.471724742508 V3=0 T=0 M2=0 M3=-26.1780005383088 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR093 CaseType=Combination P=-7.55046555496168 V2=121.362349742508 V3=0 T=0 M2=0 M3=-33.6103153659656 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR094 CaseType=Combination P=-15.5365751909872 V2=120.014004676822 V3=0 T=0 M2=0 M3=-32.3224227338478 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR094 CaseType=Combination P=-15.5365751909872 V2=124.904629676822 V3=0 T=0 M2=0 M3=-39.9761300573992 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR095 CaseType=Combination P=-23.5226848277112 V2=116.471724742573 V3=0 T=0 M2=0 M3=-27.840005126794 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR095 CaseType=Combination P=-23.5226848277112 V2=121.362349742573 V3=0 T=0 M2=0 M3=-35.2723199544548 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR096 CaseType=Combination P=-11.6181764768123 V2=57.0140046764729 V3=0 T=0 M2=0 M3=-15.7347697046761 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR096 CaseType=Combination P=-11.6181764768123 V2=59.2796296764729 V3=0 T=0 M2=0 M3=-19.3689457782057 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR097 CaseType=Combination P=-19.6042861135363 V2=53.4717247422242 V3=0 T=0 M2=0 M3=-11.2523520976224 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR097 CaseType=Combination P=-19.6042861135363 V2=55.7373497422242 V3=0 T=0 M2=0 M3=-14.4651356752614 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=RAR098 CaseType=Combination P=-7.54338866804116 V2=55.2782752591067 V3=0 T=0 M2=0 M3=-17.3024017003643 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR098 CaseType=Combination P=-7.54338866804116 V2=57.5439002591067 V3=0 T=0 M2=0 M3=-20.8280946853085 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR099 CaseType=Combination P=-12.3087944323827 V2=138.916965156183 V3=0 T=0 M2=0 M3=-38.1617032478491 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR099 CaseType=Combination P=-12.3087944323827 V2=144.682590156183 V3=0 T=0 M2=0 M3=-47.0241893513606 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR100 CaseType=Combination P=-22.0448401258957 V2=143.245520855075 V3=0 T=0 M2=0 M3=-45.6591820796145 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR100 CaseType=Combination P=-22.0448401258957 V2=149.011145855075 V3=0 T=0 M2=0 M3=-54.7922029143067 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR101 CaseType=Combination P=-31.7808858198744 V2=138.916965156278 V3=0 T=0 M2=0 M3=-40.1709938151255 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR101 CaseType=Combination P=-31.7808858198744 V2=144.682590156278 V3=0 T=0 M2=0 M3=-49.0334799186428 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR102 CaseType=Combination P=-16.8203085069959 V2=59.2455208546094 V3=0 T=0 M2=0 M3=-23.5423113740524 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR102 CaseType=Combination P=-16.8203085069959 V2=61.5111458546094 V3=0 T=0 M2=0 M3=-27.3159572087155 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR103 CaseType=Combination P=-26.5563542009746 V2=54.9169651558118 V3=0 T=0 M2=0 M3=-18.0541231095633 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR103 CaseType=Combination P=-26.5563542009746 V2=57.1825901558118 V3=0 T=0 M2=0 M3=-21.5572342130516 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR104 CaseType=Combination P=-27.2387711646146 V2=126.42413004634 V3=0 T=0 M2=0 M3=-46.2242352008063 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR104 CaseType=Combination P=-27.5825211646146 V2=131.314755046341 V3=0 T=0 M2=0 M3=-54.2785753599526 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR105 CaseType=Combination P=-11.461787382216 V2=118.278275259456 V3=0 T=0 M2=0 M3=-33.8900547295359 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR105 CaseType=Combination P=-11.461787382216 V2=123.168900259456 V3=0 T=0 M2=0 M3=-41.4352789645019 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR106 CaseType=Combination P=-19.4478970182415 V2=121.82055519377 V3=0 T=0 M2=0 M3=-40.0344769250749 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR106 CaseType=Combination P=-19.4478970182415 V2=126.71118019377 V3=0 T=0 M2=0 M3=-47.8010936559355 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR107 CaseType=Combination P=-27.4340066549655 V2=118.278275259521 V3=0 T=0 M2=0 M3=-35.5520593180211 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR107 CaseType=Combination P=-27.4340066549655 V2=123.168900259521 V3=0 T=0 M2=0 M3=-43.0972835529912 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR108 CaseType=Combination P=-15.5294983040667 V2=58.8205551934209 V3=0 T=0 M2=0 M3=-23.4468238959032 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR108 CaseType=Combination P=-15.5294983040667 V2=61.0861801934209 V3=0 T=0 M2=0 M3=-27.193909376742 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR109 CaseType=Combination P=-23.5156079407907 V2=55.2782752591722 V3=0 T=0 M2=0 M3=-18.9644062888495 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR109 CaseType=Combination P=-23.5156079407907 V2=57.5439002591722 V3=0 T=0 M2=0 M3=-22.4900992737977 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR110 CaseType=Combination P=-9.10595400117688 V2=55.2782752591073 V3=0 T=0 M2=0 M3=-18.6797792640397 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR110 CaseType=Combination P=-9.10595400117688 V2=57.5439002591073 V3=0 T=0 M2=0 M3=-22.2054722489839 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR111 CaseType=Combination P=-13.0243527153517 V2=118.278275259457 V3=0 T=0 M2=0 M3=-35.2674322932114 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR111 CaseType=Combination P=-13.0243527153517 V2=123.168900259457 V3=0 T=0 M2=0 M3=-42.8126565281774 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR112 CaseType=Combination P=-21.0104623513772 V2=121.820555193771 V3=0 T=0 M2=0 M3=-41.418544887503 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR112 CaseType=Combination P=-21.0104623513772 V2=126.711180193771 V3=0 T=0 M2=0 M3=-49.178471219611 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR113 CaseType=Combination P=-28.9965719881012 V2=118.278275259522 V3=0 T=0 M2=0 M3=-36.9294368816965 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR113 CaseType=Combination P=-28.9965719881012 V2=123.168900259522 V3=0 T=0 M2=0 M3=-44.474661166667 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR114 CaseType=Combination P=-17.0920636372024 V2=58.8205551934214 V3=0 T=0 M2=0 M3=-24.8242014595787 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR114 CaseType=Combination P=-17.0920636372024 V2=61.0861801934214 V3=0 T=0 M2=0 M3=-28.5712869404175 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR115 CaseType=Combination P=-25.0781732739264 V2=55.2782752591728 V3=0 T=0 M2=0 M3=-20.3417838525249 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR115 CaseType=Combination P=-25.0781732739264 V2=57.5439002591728 V3=0 T=0 M2=0 M3=-23.8674768374732 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR116 CaseType=Combination P=-5.98082333490544 V2=55.2782752591062 V3=0 T=0 M2=0 M3=-15.9250241366888 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR116 CaseType=Combination P=-5.98082333490544 V2=57.5439002591062 V3=0 T=0 M2=0 M3=-19.450717121633 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR117 CaseType=Combination P=-9.89922204908029 V2=118.278275259455 V3=0 T=0 M2=0 M3=-32.5126771658605 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR117 CaseType=Combination P=-9.89922204908029 V2=123.168900259455 V3=0 T=0 M2=0 M3=-40.0579014008264 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=RAR118 CaseType=Combination P=-17.8853316851058 V2=121.82055519377 V3=0 T=0 M2=0 M3=-38.6570993613994 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR118 CaseType=Combination P=-17.8853316851058 V2=126.71118019377 V3=0 T=0 M2=0 M3=-46.42371609226 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR119 CaseType=Combination P=-25.8714413218298 V2=118.278275259521 V3=0 T=0 M2=0 M3=-34.1746817543456 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR119 CaseType=Combination P=-25.8714413218298 V2=123.168900259521 V3=0 T=0 M2=0 M3=-41.7199059893157 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR120 CaseType=Combination P=-13.9669329709309 V2=58.8205551934203 V3=0 T=0 M2=0 M3=-22.0694463322278 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR120 CaseType=Combination P=-13.9669329709309 V2=61.0861801934203 V3=0 T=0 M2=0 M3=-25.8165318130666 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR121 CaseType=Combination P=-21.9530426076549 V2=55.2782752591717 V3=0 T=0 M2=0 M3=-17.587028725174 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR121 CaseType=Combination P=-21.9530426076549 V2=57.5439002591717 V3=0 T=0 M2=0 M3=-21.1127217101222 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR122 CaseType=Combination P=-5.92769611357814 V2=55.2782752591062 V3=0 T=0 M2=0 M3=-15.8781932995239 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR122 CaseType=Combination P=-5.92769611357814 V2=57.5439002591062 V3=0 T=0 M2=0 M3=-19.403886284468 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR123 CaseType=Combination P=-9.84609482775299 V2=118.278275259455 V3=0 T=0 M2=0 M3=-32.4658463286955 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR123 CaseType=Combination P=-9.84609482775299 V2=123.168900259455 V3=0 T=0 M2=0 M3=-40.0110705636615 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR124 CaseType=Combination P=-17.8322044637785 V2=121.82055519377 V3=0 T=0 M2=0 M3=-38.6102685242345 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR124 CaseType=Combination P=-17.8322044637785 V2=126.71118019377 V3=0 T=0 M2=0 M3=-46.3768852550951 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR125 CaseType=Combination P=-25.8183141005025 V2=118.278275259521 V3=0 T=0 M2=0 M3=-34.1278509171807 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR125 CaseType=Combination P=-25.8183141005025 V2=123.168900259521 V3=0 T=0 M2=0 M3=-41.6730751521507 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR126 CaseType=Combination P=-13.9138057496036 V2=58.8205551934203 V3=0 T=0 M2=0 M3=-22.0226154950628 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR126 CaseType=Combination P=-13.9138057496036 V2=61.0861801934203 V3=0 T=0 M2=0 M3=-25.7697009759016 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR127 CaseType=Combination P=-21.8999153863276 V2=55.2782752591717 V3=0 T=0 M2=0 M3=-17.5401978880091 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR127 CaseType=Combination P=-21.8999153863276 V2=57.5439002591717 V3=0 T=0 M2=0 M3=-21.0658908729573 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR128 CaseType=Combination P=-3.70275310754047 V2=54.375000006321 V3=0 T=0 M2=0 M3=-11.7847981371036 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR128 CaseType=Combination P=-3.70275310754047 V2=56.640625006321 V3=0 T=0 M2=0 M3=-15.2540364183931 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.0044130960823 V2=138.375000001098 V3=0 T=0 M2=0 M3=-34.8511411098927 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR129 CaseType=Combination P=-10.0044130960823 V2=144.140625001098 V3=0 T=0 M2=0 M3=-43.6797543912114 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR130 CaseType=Combination P=-19.7404587895953 V2=142.70355569999 V3=0 T=0 M2=0 M3=-42.3486199416582 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR130 CaseType=Combination P=-19.7404587895953 V2=148.46918069999 V3=0 T=0 M2=0 M3=-51.4477679541575 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR131 CaseType=Combination P=-29.476504483574 V2=138.375000001193 V3=0 T=0 M2=0 M3=-36.8604316771691 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR131 CaseType=Combination P=-29.476504483574 V2=144.140625001193 V3=0 T=0 M2=0 M3=-45.6890449584936 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR132 CaseType=Combination P=-14.5159271706955 V2=58.7035556995246 V3=0 T=0 M2=0 M3=-20.231749236096 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR132 CaseType=Combination P=-14.5159271706955 V2=60.9691806995246 V3=0 T=0 M2=0 M3=-23.9715222485663 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR133 CaseType=Combination P=-24.2519728646742 V2=54.37500000727 V3=0 T=0 M2=0 M3=-14.7435609716069 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR133 CaseType=Combination P=-24.2519728646742 V2=56.640625000727 V3=0 T=0 M2=0 M3=-18.2127992529024 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR134 CaseType=Combination P=-24.9343898283142 V2=125.882164891256 V3=0 T=0 M2=0 M3=-42.9136730628499 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR134 CaseType=Combination P=-25.2781398283142 V2=130.772789891256 V3=0 T=0 M2=0 M3=-50.9341403998034 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR135 CaseType=Combination P=-7.62115182171532 V2=117.375000000981 V3=0 T=0 M2=0 M3=-28.3724511662753 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR135 CaseType=Combination P=-7.62115182171532 V2=122.265625000981 V3=0 T=0 M2=0 M3=-35.8612206975866 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR136 CaseType=Combination P=-15.6072614577408 V2=120.917279935295 V3=0 T=0 M2=0 M3=-34.5168733618142 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR136 CaseType=Combination P=-15.6072614577408 V2=125.807904935295 V3=0 T=0 M2=0 M3=-42.2270353890202 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR137 CaseType=Combination P=-23.5933710944648 V2=117.375000001047 V3=0 T=0 M2=0 M3=-30.0344957547604 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR137 CaseType=Combination P=-23.5933710944648 V2=122.265625001047 V3=0 T=0 M2=0 M3=-37.5232252860758 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=RAR138 CaseType=Combination P=-11.688862743566 V2=57.9172799349462 V3=0 T=0 M2=0 M3=-17.9292203326426 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR138 CaseType=Combination P=-11.688862743566 V2=60.1829049349462 V3=0 T=0 M2=0 M3=-21.6198511098267 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR139 CaseType=Combination P=-19.67497238029 V2=54.3750000006976 V3=0 T=0 M2=0 M3=-13.4468027255888 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR139 CaseType=Combination P=-19.67497238029 V2=56.6406250006976 V3=0 T=0 M2=0 M3=-16.9160410068824 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR140 CaseType=Combination P=-5.26531844067619 V2=54.3750000006326 V3=0 T=0 M2=0 M3=-13.1621757007791 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR140 CaseType=Combination P=-5.26531844067619 V2=56.6406250006326 V3=0 T=0 M2=0 M3=-16.6314139820686 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR141 CaseType=Combination P=-9.18371715485104 V2=117.375000000982 V3=0 T=0 M2=0 M3=-29.7498287299507 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR141 CaseType=Combination P=-9.18371715485104 V2=122.265625000982 V3=0 T=0 M2=0 M3=-37.2385982612621 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR142 CaseType=Combination P=-17.1698267908765 V2=120.917279935296 V3=0 T=0 M2=0 M3=-35.8942509254896 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR142 CaseType=Combination P=-17.1698267908765 V2=125.807904935296 V3=0 T=0 M2=0 M3=-43.6044129526956 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR143 CaseType=Combination P=-25.1559364276005 V2=117.375000001047 V3=0 T=0 M2=0 M3=-31.4118333184359 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR143 CaseType=Combination P=-25.1559364276005 V2=122.265625001047 V3=0 T=0 M2=0 M3=-38.9006028497513 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR144 CaseType=Combination P=-13.2514280767017 V2=57.9172799349468 V3=0 T=0 M2=0 M3=-19.306597896318 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR144 CaseType=Combination P=-13.2514280767017 V2=60.1829049349468 V3=0 T=0 M2=0 M3=-22.9972286735022 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR145 CaseType=Combination P=-21.2375377134257 V2=54.3750000006981 V3=0 T=0 M2=0 M3=-14.8241802892642 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR145 CaseType=Combination P=-21.2375377134257 V2=56.6406250006981 V3=0 T=0 M2=0 M3=-18.2934185705579 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR146 CaseType=Combination P=-2.14018777440476 V2=54.3750000006316 V3=0 T=0 M2=0 M3=-10.4074205734282 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR146 CaseType=Combination P=-2.14018777440476 V2=56.6406250006316 V3=0 T=0 M2=0 M3=-13.8766588547176 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR147 CaseType=Combination P=-6.0585864885796 V2=117.375000000981 V3=0 T=0 M2=0 M3=-26.9950736025998 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR147 CaseType=Combination P=-6.0585864885796 V2=122.265625000981 V3=0 T=0 M2=0 M3=-34.4838431339111 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR148 CaseType=Combination P=-14.0446961246051 V2=120.917279935295 V3=0 T=0 M2=0 M3=-33.1394957981387 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR148 CaseType=Combination P=-14.0446961246051 V2=125.807904935295 V3=0 T=0 M2=0 M3=-40.8496578253447 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR149 CaseType=Combination P=-22.0308057613291 V2=117.375000001046 V3=0 T=0 M2=0 M3=-28.657078191085 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR149 CaseType=Combination P=-22.0308057613291 V2=122.265625001046 V3=0 T=0 M2=0 M3=-36.1458477224004 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR150 CaseType=Combination P=-10.1262974104303 V2=57.9172799349457 V3=0 T=0 M2=0 M3=-16.5518427689671 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR150 CaseType=Combination P=-10.1262974104303 V2=60.1829049349457 V3=0 T=0 M2=0 M3=-20.2424735461512 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR151 CaseType=Combination P=-18.1124070471543 V2=54.375000000697 V3=0 T=0 M2=0 M3=-12.0694251619133 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR151 CaseType=Combination P=-18.1124070471543 V2=56.640625000697 V3=0 T=0 M2=0 M3=-15.5386634432069 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR152 CaseType=Combination P=-3.01406432570308 V2=53.8330348455479 V3=0 T=0 M2=0 M3=-9.89844439998761 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR152 CaseType=Combination P=-3.01406432570308 V2=56.0986598455479 V3=0 T=0 M2=0 M3=-13.3338098590844 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR153 CaseType=Combination P=-6.93246303987793 V2=116.833034845897 V3=0 T=0 M2=0 M3=-26.4860974291592 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR153 CaseType=Combination P=-6.93246303987793 V2=121.723659845897 V3=0 T=0 M2=0 M3=-33.9409941382778 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR154 CaseType=Combination P=-14.9185726759034 V2=120.375314780211 V3=0 T=0 M2=0 M3=-32.6305196246982 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR154 CaseType=Combination P=-14.9185726759034 V2=125.265939780211 V3=0 T=0 M2=0 M3=-40.3068088297114 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR155 CaseType=Combination P=-22.9046823126274 V2=116.833034845963 V3=0 T=0 M2=0 M3=-28.1481020176444 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR155 CaseType=Combination P=-22.9046823126274 V2=121.723659845963 V3=0 T=0 M2=0 M3=-35.6029987267671 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR156 CaseType=Combination P=-11.0001739617286 V2=57.375314779862 V3=0 T=0 M2=0 M3=-16.0428665955266 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR156 CaseType=Combination P=-11.0001739617286 V2=59.640939779862 V3=0 T=0 M2=0 M3=-19.6996245505179 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR157 CaseType=Combination P=-18.9862835984526 V2=53.8330348456133 V3=0 T=0 M2=0 M3=-11.5604489884728 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR157 CaseType=Combination P=-18.9862835984526 V2=56.0986598456133 V3=0 T=0 M2=0 M3=-14.9958144475736 FrameElem=35-1 ElemStation=0.0625

PRODOTTO S.D.P.

Società di Progetto  
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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
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Frame=35 Station=0 OutputCase=RAR158 CaseType=Combination P=-4.39144188937786 V2=54.9169651557163 V3=0 T=0 M2=0 M3=-13.6711518742196 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR158 CaseType=Combination P=-4.39144188937786 V2=57.1825901557163 V3=0 T=0 M2=0 M3=-17.1742629777019 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR159 CaseType=Combination P=-8.30984060355271 V2=117.916965156066 V3=0 T=0 M2=0 M3=-30.2588049033913 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR159 CaseType=Combination P=-8.30984060355271 V2=122.807590156066 V3=0 T=0 M2=0 M3=-37.7814472568954 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR160 CaseType=Combination P=-16.2959502395782 V2=121.45924509038 V3=0 T=0 M2=0 M3=-36.4032270989302 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR160 CaseType=Combination P=-16.2959502395782 V2=126.34987009038 V3=0 T=0 M2=0 M3=-44.1472619483289 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR161 CaseType=Combination P=-24.2820598763022 V2=117.916965156131 V3=0 T=0 M2=0 M3=-31.9208094918764 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR161 CaseType=Combination P=-24.2820598763022 V2=122.807590156131 V3=0 T=0 M2=0 M3=-39.4434518453846 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR162 CaseType=Combination P=-12.3775515254034 V2=58.4592450900305 V3=0 T=0 M2=0 M3=-19.8155740697586 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR162 CaseType=Combination P=-12.3775515254034 V2=60.7248700900305 V3=0 T=0 M2=0 M3=-23.5400776691355 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=RAR163 CaseType=Combination P=-20.3636611621274 V2=54.9169651557818 V3=0 T=0 M2=0 M3=-15.3331564627048 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=RAR163 CaseType=Combination P=-20.3636611621274 V2=57.1825901557818 V3=0 T=0 M2=0 M3=-18.8362675661912 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777440476 V2=143.245520855075 V3=0 T=0 M2=0 M3=-9.5903475091372 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Max P=-2.14018777440476 V2=149.011145855075 V3=0 T=0 M2=0 M3=-13.0031310867721 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623711727 V2=53.4717247421587 V3=0 T=0 M2=0 M3=-46.2242352008063 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Min P=-32.6547623711727 V2=55.7373497421587 V3=0 T=0 M2=0 M3=-54.7922029143067 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE01 CaseType=Combination P=-11.8681769601685 V2=54.3750000006112 V3=0 T=0 M2=0 M3=-14.7786254572825 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE01 CaseType=Combination P=-11.8681769601685 V2=56.6406250006112 V3=0 T=0 M2=0 M3=-18.2478637385707 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.3139727458204 V2=117.375000000982 V3=0 T=0 M2=0 M3=-30.7461318343426 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE02 CaseType=Combination P=-10.3139727458204 V2=122.265625000982 V3=0 T=0 M2=0 M3=-38.2349013665654 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.3000823818459 V2=120.917279935296 V3=0 T=0 M2=0 M3=-36.8905540298815 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE03 CaseType=Combination P=-18.3000823818459 V2=125.807904935296 V3=0 T=0 M2=0 M3=-44.6007160570875 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.2861920185699 V2=117.375000001048 V3=0 T=0 M2=0 M3=-32.4081364228277 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE04 CaseType=Combination P=-26.2861920185699 V2=122.265625001048 V3=0 T=0 M2=0 M3=-39.8969059541432 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE05 CaseType=Combination P=-14.381683667671 V2=57.9172799349471 V3=0 T=0 M2=0 M3=-20.3029010007099 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE05 CaseType=Combination P=-14.381683667671 V2=60.1829049349471 V3=0 T=0 M2=0 M3=-23.9935317778941 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE06 CaseType=Combination P=-22.367793304395 V2=54.3750000006985 V3=0 T=0 M2=0 M3=-15.8204833936561 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE06 CaseType=Combination P=-22.367793304395 V2=56.6406250006985 V3=0 T=0 M2=0 M3=-19.2897216749498 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE07 CaseType=Combination P=-7.95813936478123 V2=54.3750000006336 V3=0 T=0 M2=0 M3=-15.5358563688464 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE07 CaseType=Combination P=-7.95813936478123 V2=56.6406250006336 V3=0 T=0 M2=0 M3=-19.005094650136 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE08 CaseType=Combination P=-11.6161105234335 V2=117.375000000983 V3=0 T=0 M2=0 M3=-31.8939464707388 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE08 CaseType=Combination P=-11.6161105234335 V2=122.265625000983 V3=0 T=0 M2=0 M3=-39.3827160020502 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE09 CaseType=Combination P=-19.602220159459 V2=120.917279935297 V3=0 T=0 M2=0 M3=-38.0383686627777 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE09 CaseType=Combination P=-19.602220159459 V2=125.807904935297 V3=0 T=0 M2=0 M3=-45.7485306934838 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE10 CaseType=Combination P=-27.588329796183 V2=117.375000001048 V3=0 T=0 M2=0 M3=-33.5559510592239 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE10 CaseType=Combination P=-27.588329796183 V2=122.265625001048 V3=0 T=0 M2=0 M3=-41.0447205905395 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE11 CaseType=Combination P=-15.6838214452841 V2=57.9172799349476 V3=0 T=0 M2=0 M3=-21.4507156371061 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE11 CaseType=Combination P=-15.6838214452841 V2=60.1829049349476 V3=0 T=0 M2=0 M3=-25.1413464142903 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE12 CaseType=Combination P=-23.6699310820081 V2=54.3750000006989 V3=0 T=0 M2=0 M3=-16.9682980300523 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE12 CaseType=Combination P=-23.6699310820081 V2=56.6406250006989 V3=0 T=0 M2=0 M3=-20.437536311346 FrameElem=35-1 ElemStation=0.0625

PROGETTO SDR

Società di Progetto  
Brebemi SpA





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37820-IDA11-A02.doc

CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
02

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Frame=35 Station=0 OutputCase=FRE13 CaseType=Combination P=-7.3842320465834 V2=53.9233623713967 V3=0 T=0 M2=0 M3=-13.9638949212497 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE13 CaseType=Combination P=-7.3842320465834 V2=56.1889873713967 V3=0 T=0 M2=0 M3=-17.404905850712 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE14 CaseType=Combination P=-8.53204668297905 V2=54.8266376298704 V3=0 T=0 M2=0 M3=-17.1078178164431 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE14 CaseType=Combination P=-8.53204668297905 V2=57.0922626298704 V3=0 T=0 M2=0 M3=-20.60528344956 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE15 CaseType=Combination P=-6.61172890272871 V2=54.375000006331 V3=0 T=0 M2=0 M3=-14.3490160348127 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE15 CaseType=Combination P=-6.61172890272871 V2=56.6406250006331 V3=0 T=0 M2=0 M3=-17.8182543161023 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE16 CaseType=Combination P=-4.83300869850979 V2=54.375000006325 V3=0 T=0 M2=0 M3=-12.7811012414955 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE16 CaseType=Combination P=-4.83300869850979 V2=56.6406250006325 V3=0 T=0 M2=0 M3=-16.250339522785 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE17 CaseType=Combination P=-9.01183496820726 V2=117.375000000982 V3=0 T=0 M2=0 M3=-29.5983171979464 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE17 CaseType=Combination P=-9.01183496820726 V2=122.265625000982 V3=0 T=0 M2=0 M3=-37.0870867292577 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE18 CaseType=Combination P=-16.9979446042328 V2=120.917279935296 V3=0 T=0 M2=0 M3=-35.7427393934853 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE18 CaseType=Combination P=-16.9979446042328 V2=125.807904935296 V3=0 T=0 M2=0 M3=-43.4529014206913 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE19 CaseType=Combination P=-24.9840542409568 V2=117.375000001047 V3=0 T=0 M2=0 M3=-31.2603217864315 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE19 CaseType=Combination P=-24.9840542409568 V2=122.265625001047 V3=0 T=0 M2=0 M3=-38.749091317747 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE20 CaseType=Combination P=-13.0795458900579 V2=57.9172799349467 V3=0 T=0 M2=0 M3=-19.1550863643137 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE20 CaseType=Combination P=-13.0795458900579 V2=60.1829049349467 V3=0 T=0 M2=0 M3=-22.8457171414978 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE21 CaseType=Combination P=-21.065655267819 V2=54.37500000698 V3=0 T=0 M2=0 M3=-14.6726687572599 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE21 CaseType=Combination P=-21.065655267819 V2=56.640625000698 V3=0 T=0 M2=0 M3=-18.1419070385535 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE22 CaseType=Combination P=-4.25910138031197 V2=53.9233623713956 V3=0 T=0 M2=0 M3=-11.2091397938988 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE22 CaseType=Combination P=-4.25910138031197 V2=56.1889873713956 V3=0 T=0 M2=0 M3=-14.650150723361 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE23 CaseType=Combination P=-5.40691601670762 V2=54.8266376298693 V3=0 T=0 M2=0 M3=-14.3530626890922 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE23 CaseType=Combination P=-5.40691601670762 V2=57.0922626298693 V3=0 T=0 M2=0 M3=-17.850528322209 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE24 CaseType=Combination P=-3.48659823645727 V2=54.37500000632 V3=0 T=0 M2=0 M3=-11.5942609074618 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE24 CaseType=Combination P=-3.48659823645727 V2=56.640625000632 V3=0 T=0 M2=0 M3=-15.0634991887513 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE25 CaseType=Combination P=-5.70688524980812 V2=53.8330348455488 V3=0 T=0 M2=0 M3=-12.2721250680549 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE25 CaseType=Combination P=-5.70688524980812 V2=56.0986598455488 V3=0 T=0 M2=0 M3=-15.7074905271517 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE26 CaseType=Combination P=-9.74006542762253 V2=116.923362371745 V3=0 T=0 M2=0 M3=-29.1741703867459 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE26 CaseType=Combination P=-9.74006542762253 V2=121.813987371745 V3=0 T=0 M2=0 M3=-36.63471256623 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE27 CaseType=Combination P=-17.726175063648 V2=120.46564230606 V3=0 T=0 M2=0 M3=-35.3185925822848 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE27 CaseType=Combination P=-17.726175063648 V2=125.35626730606 V3=0 T=0 M2=0 M3=-43.0005272576636 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE28 CaseType=Combination P=-25.712284700372 V2=116.923362371811 V3=0 T=0 M2=0 M3=-30.8361749752311 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE28 CaseType=Combination P=-25.712284700372 V2=121.813987371811 V3=0 T=0 M2=0 M3=-38.2967171547192 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE29 CaseType=Combination P=-13.8077763494732 V2=57.4656423057103 V3=0 T=0 M2=0 M3=-18.7309395531132 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE29 CaseType=Combination P=-13.8077763494732 V2=59.7312673057103 V3=0 T=0 M2=0 M3=-22.3933429784701 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE30 CaseType=Combination P=-21.7938859861972 V2=53.9233623714616 V3=0 T=0 M2=0 M3=-14.2485219460594 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE30 CaseType=Combination P=-21.7938859861972 V2=56.1889873714616 V3=0 T=0 M2=0 M3=-17.6895328755258 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE31 CaseType=Combination P=-7.00920320742122 V2=53.8330348455492 V3=0 T=0 M2=0 M3=-13.4199397044511 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE31 CaseType=Combination P=-7.00920320742122 V2=56.0986598455492 V3=0 T=0 M2=0 M3=-16.855305163548 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE32 CaseType=Combination P=-4.40474747219502 V2=53.8330348455483 V3=0 T=0 M2=0 M3=-11.1243104316587 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE32 CaseType=Combination P=-4.40474747219502 V2=56.0986598455483 V3=0 T=0 M2=0 M3=-14.5596758907555 FrameElem=35-1  
ElemStation=0.0625

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Frame=35 Station=0 OutputCase=FRE33 CaseType=Combination P=-4.3604747877556 V2=53.8330348455483 V3=0 T=0 M2=0 M3=-11.0852847340213 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE33 CaseType=Combination P=-4.3604747877556 V2=56.0986598455483 V3=0 T=0 M2=0 M3=-14.520650193118 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE34 CaseType=Combination P=-7.0842628134829 V2=54.9169651557173 V3=0 T=0 M2=0 M3=-16.044832542287 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE34 CaseType=Combination P=-7.0842628134829 V2=57.1825901557173 V3=0 T=0 M2=0 M3=-19.5479436457693 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE35 CaseType=Combination P=-10.8878800640182 V2=117.826637630219 V3=0 T=0 M2=0 M3=-32.3180932819392 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE35 CaseType=Combination P=-10.8878800640182 V2=122.717262630219 V3=0 T=0 M2=0 M3=-39.8350901650779 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.8739897000437 V2=121.368917564533 V3=0 T=0 M2=0 M3=-38.4625154774782 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE36 CaseType=Combination P=-18.8739897000437 V2=126.259542564533 V3=0 T=0 M2=0 M3=-46.2009048565115 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.8600993367677 V2=117.826637630285 V3=0 T=0 M2=0 M3=-33.9800978704244 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE37 CaseType=Combination P=-26.8600993367677 V2=122.717262630285 V3=0 T=0 M2=0 M3=-41.4970947535672 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE38 CaseType=Combination P=-14.9555909858688 V2=58.368917564184 V3=0 T=0 M2=0 M3=-21.8748624483066 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE38 CaseType=Combination P=-14.9555909858688 V2=60.634542564184 V3=0 T=0 M2=0 M3=-25.5937205773181 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE39 CaseType=Combination P=-22.9417006225928 V2=54.8266376299354 V3=0 T=0 M2=0 M3=-17.3924448412528 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE39 CaseType=Combination P=-22.9417006225928 V2=57.0922626299354 V3=0 T=0 M2=0 M3=-20.8899104743737 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE40 CaseType=Combination P=-8.386400591096 V2=54.9169651557177 V3=0 T=0 M2=0 M3=-17.1926471786832 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE40 CaseType=Combination P=-8.386400591096 V2=57.1825901557177 V3=0 T=0 M2=0 M3=-20.6957582821655 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE41 CaseType=Combination P=-5.7821250358698 V2=54.9169651557168 V3=0 T=0 M2=0 M3=-14.8970179058907 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE41 CaseType=Combination P=-5.7821250358698 V2=57.1825901557168 V3=0 T=0 M2=0 M3=-18.400129009373 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE42 CaseType=Combination P=-5.73785235143038 V2=54.9169651557168 V3=0 T=0 M2=0 M3=-14.8579922082533 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE42 CaseType=Combination P=-5.73785235143038 V2=57.1825901557168 V3=0 T=0 M2=0 M3=-18.3611033117356 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE43 CaseType=Combination P=-4.77988147718249 V2=54.3750000006325 V3=0 T=0 M2=0 M3=-12.7342704043305 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE43 CaseType=Combination P=-4.77988147718249 V2=56.6406250006325 V3=0 T=0 M2=0 M3=-16.2035086856201 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE44 CaseType=Combination P=-8.96756228376784 V2=117.375000000982 V3=0 T=0 M2=0 M3=-29.5592915003089 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE44 CaseType=Combination P=-8.96756228376784 V2=122.265625000982 V3=0 T=0 M2=0 M3=-37.0480610316203 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE45 CaseType=Combination P=-16.9536719197933 V2=120.917279935296 V3=0 T=0 M2=0 M3=-35.7037136958479 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE45 CaseType=Combination P=-16.9536719197933 V2=125.807904935296 V3=0 T=0 M2=0 M3=-43.4138757230538 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE46 CaseType=Combination P=-24.9397815565173 V2=117.375000001047 V3=0 T=0 M2=0 M3=-31.2212960887941 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE46 CaseType=Combination P=-24.9397815565173 V2=122.265625001047 V3=0 T=0 M2=0 M3=-38.7100656201095 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE47 CaseType=Combination P=-13.0352732056185 V2=57.9172799349467 V3=0 T=0 M2=0 M3=-19.1160606666762 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE47 CaseType=Combination P=-13.0352732056185 V2=60.1829049349467 V3=0 T=0 M2=0 M3=-22.8066914438604 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE48 CaseType=Combination P=-21.0213828423425 V2=54.375000000698 V3=0 T=0 M2=0 M3=-14.6336430596224 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE48 CaseType=Combination P=-21.0213828423425 V2=56.640625000698 V3=0 T=0 M2=0 M3=-18.1028813409161 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE49 CaseType=Combination P=-3.47774369956939 V2=54.375000000632 V3=0 T=0 M2=0 M3=-11.5864557679343 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE49 CaseType=Combination P=-3.47774369956939 V2=56.640625000632 V3=0 T=0 M2=0 M3=-15.0556940492238 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE50 CaseType=Combination P=-4.20597415898466 V2=53.9233623713956 V3=0 T=0 M2=0 M3=-11.1623089567339 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE50 CaseType=Combination P=-4.20597415898466 V2=56.1889873713956 V3=0 T=0 M2=0 M3=-14.6033198861961 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=FRE51 CaseType=Combination P=-5.35378879538031 V2=54.8266376298693 V3=0 T=0 M2=0 M3=-14.3062318519272 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=FRE51 CaseType=Combination P=-5.35378879538031 V2=57.0922626298693 V3=0 T=0 M2=0 M3=-17.8036974850441 FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369956939 V2=121.368917564533 V3=0 T=0 M2=0 M3=-11.0852847340213 FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Max P=-3.47774369956939 V2=126.259542564533 V3=0 T=0 M2=0 M3=-14.520650193118 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.588329796183 V2=53.8330348455483 V3=0 T=0 M2=0 M3=-38.4625154774782  
FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Min P=-27.588329796183 V2=56.0986598455483 V3=0 T=0 M2=0 M3=-46.2009048565115  
FrameElem=35-1 ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE01 CaseType=Combination P=-9.13187549660549 V2=53.1915473600311 V3=0 T=0 M2=0 M3=-12.693373170423 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE01 CaseType=Combination P=-9.13187549660549 V2=55.4571723600311 V3=0 T=0 M2=0 M3=-16.0886456616749 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE02 CaseType=Combination P=-10.4340132742186 V2=53.1915473600316 V3=0 T=0 M2=0 M3=-13.8411878068192 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE02 CaseType=Combination P=-10.4340132742186 V2=55.4571723600316 V3=0 T=0 M2=0 M3=-17.2364602980712 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE03 CaseType=Combination P=-7.82973771899239 V2=53.1915473600307 V3=0 T=0 M2=0 M3=-11.545585340268 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE03 CaseType=Combination P=-7.82973771899239 V2=55.4571723600307 V3=0 T=0 M2=0 M3=-14.9408310252787 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE04 CaseType=Combination P=-8.55796817840766 V2=52.7399097307942 V3=0 T=0 M2=0 M3=-11.1214117228263 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE04 CaseType=Combination P=-8.55796817840766 V2=55.0055347307942 V3=0 T=0 M2=0 M3=-14.488456862251 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE05 CaseType=Combination P=-9.70578281480331 V2=53.643184989268 V3=0 T=0 M2=0 M3=-14.2653346180197 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE05 CaseType=Combination P=-9.70578281480331 V2=55.90880989268 V3=0 T=0 M2=0 M3=-17.6888344610989 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE06 CaseType=Combination P=-7.78546503455297 V2=53.1915473600307 V3=0 T=0 M2=0 M3=-11.5065328363893 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE06 CaseType=Combination P=-7.78546503455297 V2=55.4571723600307 V3=0 T=0 M2=0 M3=-14.9018053276413 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE07 CaseType=Combination P=-9.86010595602076 V2=52.7399097307942 V3=0 T=0 M2=0 M3=-12.2692263592225 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE07 CaseType=Combination P=-9.86010595602076 V2=55.0055347307942 V3=0 T=0 M2=0 M3=-15.6362714986472 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE08 CaseType=Combination P=-11.0079205924164 V2=53.6431849892684 V3=0 T=0 M2=0 M3=-15.4131492544159 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE08 CaseType=Combination P=-11.0079205924164 V2=55.908809892684 V3=0 T=0 M2=0 M3=-18.8366490974952 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE09 CaseType=Combination P=-9.08760281216607 V2=53.1915473600311 V3=0 T=0 M2=0 M3=-12.6543474727855 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE09 CaseType=Combination P=-9.08760281216607 V2=55.4571723600311 V3=0 T=0 M2=0 M3=-16.0496199640375 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE10 CaseType=Combination P=-9.1318754952085 V2=55.5584526412131 V3=0 T=0 M2=0 M3=-16.2437310920304 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE10 CaseType=Combination P=-9.1318754952085 V2=57.8240776412131 V3=0 T=0 M2=0 M3=-19.7869351633562 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE11 CaseType=Combination P=-10.4340132728216 V2=55.5584526412135 V3=0 T=0 M2=0 M3=-17.3915457284266 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE11 CaseType=Combination P=-10.4340132728216 V2=57.8240776412135 V3=0 T=0 M2=0 M3=-20.9347497997525 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE12 CaseType=Combination P=-7.82973771759541 V2=55.5584526412126 V3=0 T=0 M2=0 M3=-15.0959164556342 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE12 CaseType=Combination P=-7.82973771759541 V2=57.8240776412126 V3=0 T=0 M2=0 M3=-18.63912052696 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE13 CaseType=Combination P=-8.55796817701068 V2=55.1068150119762 V3=0 T=0 M2=0 M3=-14.6717696444338 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE13 CaseType=Combination P=-8.55796817701068 V2=57.3724400119762 V3=0 T=0 M2=0 M3=-18.1867463639323 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE14 CaseType=Combination P=-9.70578281340633 V2=56.01009027045 V3=0 T=0 M2=0 M3=-17.8156925396271 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE14 CaseType=Combination P=-9.70578281340633 V2=58.27571527045 V3=0 T=0 M2=0 M3=-21.3871239627802 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE15 CaseType=Combination P=-7.78546503315599 V2=55.5584526412126 V3=0 T=0 M2=0 M3=-15.0568907579968 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE15 CaseType=Combination P=-7.78546503315599 V2=57.8240776412126 V3=0 T=0 M2=0 M3=-18.600948293226 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE16 CaseType=Combination P=-9.86010595462378 V2=55.1068150119767 V3=0 T=0 M2=0 M3=-15.81958428083 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE16 CaseType=Combination P=-9.86010595462378 V2=57.3724400119767 V3=0 T=0 M2=0 M3=-19.3345610003285 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE17 CaseType=Combination P=-11.0079205910194 V2=56.0100902704504 V3=0 T=0 M2=0 M3=-18.9635071760233 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE17 CaseType=Combination P=-11.0079205910194 V2=58.2757152704504 V3=0 T=0 M2=0 M3=-22.5349385991765 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=QPE18 CaseType=Combination P=-9.08760281076908 V2=55.5584526412131 V3=0 T=0 M2=0 M3=-16.204705394393 FrameElem=35-1  
ElemStation=0  
Frame=35 Station=0.0625 OutputCase=QPE18 CaseType=Combination P=-9.08760281076908 V2=57.8240776412131 V3=0 T=0 M2=0 M3=-19.7479094657188 FrameElem=35-1  
ElemStation=0.0625  
Frame=35 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503315599 V2=56.0100902704504 V3=0 T=0 M2=0 M3=-11.1214117228263  
FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Max P=-7.78546503315599 V2=58.2757152704504 V3=0 T=0 M2=0 M3=-14.488456862251 FrameElem=35-1 ElemStation=0.0625

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Frame=35 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205924164 V2=52.7399097307942 V3=0 T=0 M2=0 M3=-18.9635071760233  
FrameElem=35-1 ElemStation=0  
Frame=35 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Min P=-11.0079205924164 V2=55.0055347307942 V3=0 T=0 M2=0 M3=-  
22.5349385991765 FrameElem=35-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR001 CaseType=Combination P=-28.8699277736892 V2=87.3579387883787 V3=0 T=0 M2=0 M3=29.5775308518305 FrameElem=41-  
1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR001 CaseType=Combination P=-28.8699277736892 V2=87.8852825383787 V3=0 T=0 M2=0 M3=24.1011801853694 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR002 CaseType=Combination P=-15.4214212002179 V2=87.3474398840102 V3=0 T=0 M2=0 M3=28.3443504613922 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR002 CaseType=Combination P=-15.4214212002179 V2=87.8747836340102 V3=0 T=0 M2=0 M3=22.8686559764541 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR003 CaseType=Combination P=-8.36865519724643 V2=183.568866168745 V3=0 T=0 M2=0 M3=57.7262492138732 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR003 CaseType=Combination P=-8.36865519724643 V2=184.096209918745 V3=0 T=0 M2=0 M3=46.2367155861391 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR004 CaseType=Combination P=-23.5877051865854 V2=184.56678599875 V3=0 T=0 M2=0 M3=73.3929534776121 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR004 CaseType=Combination P=-23.5877051865854 V2=185.09412974875 V3=0 T=0 M2=0 M3=61.8410498605027 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR005 CaseType=Combination P=-38.8067551745041 V2=183.594671322287 V3=0 T=0 M2=0 M3=60.752711575246 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR005 CaseType=Combination P=-38.8067551745041 V2=184.122015072287 V3=0 T=0 M2=0 M3=49.2661247076941 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR006 CaseType=Combination P=-29.6630682150725 V2=65.7020854467468 V3=0 T=0 M2=0 M3=36.9395200821433 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR006 CaseType=Combination P=-29.6630682150725 V2=66.0927104467468 V3=0 T=0 M2=0 M3=32.8209327104717 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR007 CaseType=Combination P=-44.8821182029912 V2=64.7299707702841 V3=0 T=0 M2=0 M3=24.3038377620558 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR007 CaseType=Combination P=-44.8821182029912 V2=65.1205957702841 V3=0 T=0 M2=0 M3=20.2460075576631 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR008 CaseType=Combination P=-23.227197511855 V2=159.821307292645 V3=0 T=0 M2=0 M3=73.0594163608265 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR008 CaseType=Combination P=-23.227197511855 V2=160.348651042645 V3=0 T=0 M2=0 M3=63.0541051628487 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR009 CaseType=Combination P=-25.7449529326674 V2=87.3348724317658 V3=0 T=0 M2=0 M3=26.8682025552345 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR009 CaseType=Combination P=-25.7449529326674 V2=87.8622161817658 V3=0 T=0 M2=0 M3=21.3932935360617 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR010 CaseType=Combination P=-12.2964463591961 V2=87.3243735273974 V3=0 T=0 M2=0 M3=25.6350221647963 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR010 CaseType=Combination P=-12.2964463591961 V2=87.8517172773974 V3=0 T=0 M2=0 M3=20.1607693271464 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR011 CaseType=Combination P=-6.49367029263335 V2=183.555026354778 V3=0 T=0 M2=0 M3=56.1006522359156 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR011 CaseType=Combination P=-6.49367029263335 V2=184.082370104778 V3=0 T=0 M2=0 M3=44.6119835965545 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR012 CaseType=Combination P=-21.7127202819723 V2=184.552946184782 V3=0 T=0 M2=0 M3=71.7673564996545 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR012 CaseType=Combination P=-21.7127202819723 V2=185.080289934782 V3=0 T=0 M2=0 M3=60.2163178709181 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR013 CaseType=Combination P=-36.931770269891 V2=183.58083150832 V3=0 T=0 M2=0 M3=59.131674179567 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR013 CaseType=Combination P=-36.931770269891 V2=184.10817525832 V3=0 T=0 M2=0 M3=47.6413927181095 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR014 CaseType=Combination P=-27.7880833104594 V2=65.6882456327791 V3=0 T=0 M2=0 M3=35.3139231041857 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR014 CaseType=Combination P=-27.7880833104594 V2=66.0788706327791 V3=0 T=0 M2=0 M3=31.1962007208871 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR015 CaseType=Combination P=-43.0071332983781 V2=64.7161309563164 V3=0 T=0 M2=0 M3=22.6782407840983 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR015 CaseType=Combination P=-43.0071332983781 V2=65.1067559563164 V3=0 T=0 M2=0 M3=18.6212755680785 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR016 CaseType=Combination P=-21.3522126072419 V2=159.807467478678 V3=0 T=0 M2=0 M3=71.4338193828689 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR016 CaseType=Combination P=-21.3522126072419 V2=160.334811228678 V3=0 T=0 M2=0 M3=61.4293731732641 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR017 CaseType=Combination P=-7.00687185696751 V2=159.490443240949 V3=0 T=0 M2=0 M3=47.671446229157 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR017 CaseType=Combination P=-7.00687185696751 V2=160.017786990949 V3=0 T=0 M2=0 M3=37.6868140344102 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR018 CaseType=Combination P=-20.102226708332 V2=160.344773693092 V3=0 T=0 M2=0 M3=60.8751674217106 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR018 CaseType=Combination P=-20.102226708332 V2=160.872117443092 V3=0 T=0 M2=0 M3=50.8371395737049 FrameElem=41-  
1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR019 CaseType=Combination P=-33.1975734832786 V2=159.512421832197 V3=0 T=0 M2=0 M3=50.2530077845051 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR019 CaseType=Combination P=-33.1975734832786 V2=160.039765582197 V3=0 T=0 M2=0 M3=40.2670019278052 FrameElem=41-  
1 ElemStation=0.0625

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REV.  
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Frame=41 Station=0 OutputCase=STR020 CaseType=Combination P=-24.4143941985774 V2=65.5354297122723 V3=0 T=0 M2=0 M3=31.7672087143622 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR020 CaseType=Combination P=-24.4143941985774 V2=65.9260547122723 V3=0 T=0 M2=0 M3=27.6590373260952 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR021 CaseType=Combination P=-37.5097450110228 V2=64.7030778513778 V3=0 T=0 M2=0 M3=21.1450490771566 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR021 CaseType=Combination P=-37.5097450110228 V2=65.0937028513778 V3=0 T=0 M2=0 M3=17.0888996801955 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR022 CaseType=Combination P=-26.5713382635945 V2=87.9879276950218 V3=0 T=0 M2=0 M3=28.0419111679229 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR022 CaseType=Combination P=-26.5713382635945 V2=88.5152714450218 V3=0 T=0 M2=0 M3=22.5261861947966 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR023 CaseType=Combination P=-13.1228316901232 V2=87.9774287906534 V3=0 T=0 M2=0 M3=26.8087307774847 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR023 CaseType=Combination P=-13.1228316901232 V2=88.5047725406534 V3=0 T=0 M2=0 M3=21.2936619858813 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR024 CaseType=Combination P=-7.8332571878946 V2=160.143498504205 V3=0 T=0 M2=0 M3=48.8451548418454 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR024 CaseType=Combination P=-7.8332571878946 V2=160.670842254205 V3=0 T=0 M2=0 M3=38.8197066931451 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR025 CaseType=Combination P=-20.9286080017603 V2=160.997828956348 V3=0 T=0 M2=0 M3=62.048876034399 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR025 CaseType=Combination P=-20.9286080017603 V2=161.525172706348 V3=0 T=0 M2=0 M3=51.9700322324398 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR026 CaseType=Combination P=-34.0239588142056 V2=160.165477095453 V3=0 T=0 M2=0 M3=51.4267163971935 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR026 CaseType=Combination P=-34.0239588142056 V2=160.692820845453 V3=0 T=0 M2=0 M3=41.3998945865401 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR027 CaseType=Combination P=-25.2407795295045 V2=66.1884849755283 V3=0 T=0 M2=0 M3=32.9409173270506 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR027 CaseType=Combination P=-25.2407795295045 V2=66.5791099755283 V3=0 T=0 M2=0 M3=28.7919298948301 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR028 CaseType=Combination P=-38.3361303419499 V2=65.3561331146339 V3=0 T=0 M2=0 M3=22.318757689845 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR028 CaseType=Combination P=-38.3361303419499 V2=65.7467581146339 V3=0 T=0 M2=0 M3=18.2217923389304 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR029 CaseType=Combination P=-24.9185676017403 V2=86.6818171685098 V3=0 T=0 M2=0 M3=25.6944939425461 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR029 CaseType=Combination P=-24.9185676017403 V2=87.2091609185098 V3=0 T=0 M2=0 M3=20.264008773268 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR030 CaseType=Combination P=-11.470061028269 V2=86.6713182641413 V3=0 T=0 M2=0 M3=24.4613135521079 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR030 CaseType=Combination P=-11.470061028269 V2=87.1986620141413 V3=0 T=0 M2=0 M3=19.0278766684115 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR031 CaseType=Combination P=-6.18048652604042 V2=158.837387977693 V3=0 T=0 M2=0 M3=46.4977376164686 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR031 CaseType=Combination P=-6.18048652604042 V2=159.364731727693 V3=0 T=0 M2=0 M3=36.5539213756753 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR032 CaseType=Combination P=-19.2758373399061 V2=159.691718429836 V3=0 T=0 M2=0 M3=59.7014588090222 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR032 CaseType=Combination P=-19.2758373399061 V2=160.219062179836 V3=0 T=0 M2=0 M3=49.70424691497 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR033 CaseType=Combination P=-32.3711881523515 V2=158.859366568941 V3=0 T=0 M2=0 M3=49.0792991718167 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR033 CaseType=Combination P=-32.3711881523515 V2=159.386710318941 V3=0 T=0 M2=0 M3=39.1341092690703 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR034 CaseType=Combination P=-23.5880088676503 V2=64.8823744490162 V3=0 T=0 M2=0 M3=30.5935001016738 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR034 CaseType=Combination P=-23.5880088676503 V2=65.2729994490162 V3=0 T=0 M2=0 M3=26.5261446673603 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR035 CaseType=Combination P=-36.6833596800957 V2=64.0500225881218 V3=0 T=0 M2=0 M3=19.9713404644682 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR035 CaseType=Combination P=-36.6833596800957 V2=64.4406475881218 V3=0 T=0 M2=0 M3=15.9560070214606 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR036 CaseType=Combination P=-27.6836873240373 V2=87.3491827994086 V3=0 T=0 M2=0 M3=28.5490698304427 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR036 CaseType=Combination P=-27.6836873240373 V2=87.8765265494086 V3=0 T=0 M2=0 M3=23.0732664132922 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR037 CaseType=Combination P=-14.2351807505661 V2=87.3386838950402 V3=0 T=0 M2=0 M3=27.3158894400044 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR037 CaseType=Combination P=-14.2351807505661 V2=87.8660276450402 V3=0 T=0 M2=0 M3=21.8407422043769 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR038 CaseType=Combination P=-8.94560624833743 V2=159.504753608592 V3=0 T=0 M2=0 M3=49.3523135043652 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR038 CaseType=Combination P=-8.94560624833743 V2=160.032097358592 V3=0 T=0 M2=0 M3=39.3667869116407 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR039 CaseType=Combination P=-22.0409570622031 V2=160.359084060735 V3=0 T=0 M2=0 M3=62.5560346969188 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR039 CaseType=Combination P=-22.0409570622031 V2=160.886427810735 V3=0 T=0 M2=0 M3=52.5171124509354 FrameElem=41-1  
ElemStation=0.0625

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3782004RCECOAIDA1100000100

REV.  
02

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Frame=41 Station=0 OutputCase=STR040 CaseType=Combination P=-35.1363078746485 V2=159.52673219984 V3=0 T=0 M2=0 M3=51.9338750597132 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR040 CaseType=Combination P=-35.1363078746485 V2=160.05407594984 V3=0 T=0 M2=0 M3=41.9469748050357 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR041 CaseType=Combination P=-26.3531285899473 V2=65.5497400799151 V3=0 T=0 M2=0 M3=33.4480759895703 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR041 CaseType=Combination P=-26.3531285899473 V2=65.9403650799151 V3=0 T=0 M2=0 M3=29.3390102033257 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR042 CaseType=Combination P=-39.4484794023927 V2=64.7173882190207 V3=0 T=0 M2=0 M3=22.8259163523648 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR042 CaseType=Combination P=-39.4484794023927 V2=65.1080132190207 V3=0 T=0 M2=0 M3=18.768872557426 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR043 CaseType=Combination P=-31.994902614711 V2=87.3810051449916 V3=0 T=0 M2=0 M3=32.2868591484265 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR043 CaseType=Combination P=-31.994902614711 V2=87.9083488949916 V3=0 T=0 M2=0 M3=26.809066834677 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR044 CaseType=Combination P=-18.5463960412397 V2=87.3705062406231 V3=0 T=0 M2=0 M3=31.0536787579882 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR044 CaseType=Combination P=-18.5463960412397 V2=87.8978499906231 V3=0 T=0 M2=0 M3=25.5765426257618 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR045 CaseType=Combination P=-10.2436401018595 V2=183.582705982713 V3=0 T=0 M2=0 M3=59.3518461918308 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR045 CaseType=Combination P=-10.2436401018595 V2=184.110049732713 V3=0 T=0 M2=0 M3=47.8614475757238 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR046 CaseType=Combination P=-25.4626900911985 V2=184.580625812718 V3=0 T=0 M2=0 M3=75.0185504555696 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR046 CaseType=Combination P=-25.4626900911985 V2=185.107969562718 V3=0 T=0 M2=0 M3=63.4657818500873 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR047 CaseType=Combination P=-40.6817400791172 V2=183.608511136255 V3=0 T=0 M2=0 M3=62.3828681354822 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR047 CaseType=Combination P=-40.6817400791172 V2=184.135854886255 V3=0 T=0 M2=0 M3=50.8908566972787 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR048 CaseType=Combination P=-31.5380531196856 V2=65.7159252607145 V3=0 T=0 M2=0 M3=38.5651170601009 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR048 CaseType=Combination P=-31.5380531196856 V2=66.1065502607145 V3=0 T=0 M2=0 M3=34.4456647000563 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR049 CaseType=Combination P=-46.7571031076043 V2=64.7438105842519 V3=0 T=0 M2=0 M3=25.9294374400134 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR049 CaseType=Combination P=-46.7571031076043 V2=65.1344355842519 V3=0 T=0 M2=0 M3=21.8707395472477 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR050 CaseType=Combination P=-25.102182416468 V2=159.835147106613 V3=0 T=0 M2=0 M3=74.6850133387841 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR050 CaseType=Combination P=-25.102182416468 V2=160.362490856613 V3=0 T=0 M2=0 M3=64.6788371524333 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR051 CaseType=Combination P=-13.2568215390111 V2=159.536575954175 V3=0 T=0 M2=0 M3=53.090102822349 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR051 CaseType=Combination P=-13.2568215390111 V2=160.063919704175 V3=0 T=0 M2=0 M3=43.1025873330256 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR052 CaseType=Combination P=-26.3521723528768 V2=160.390906406318 V3=0 T=0 M2=0 M3=66.2938240149026 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR052 CaseType=Combination P=-26.3521723528768 V2=160.918250156318 V3=0 T=0 M2=0 M3=56.2529128723203 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR053 CaseType=Combination P=-39.4475231653222 V2=159.558554545423 V3=0 T=0 M2=0 M3=55.671664377697 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR053 CaseType=Combination P=-39.4475231653222 V2=160.085898295423 V3=0 T=0 M2=0 M3=45.6827752264206 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR054 CaseType=Combination P=-30.664343880621 V2=65.581562425498 V3=0 T=0 M2=0 M3=37.1858653075541 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR054 CaseType=Combination P=-30.664343880621 V2=65.972187425498 V3=0 T=0 M2=0 M3=33.0748106247105 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR055 CaseType=Combination P=-43.7596946930664 V2=64.7492105646036 V3=0 T=0 M2=0 M3=26.5637056703486 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR055 CaseType=Combination P=-43.7596946930664 V2=65.1398355646036 V3=0 T=0 M2=0 M3=22.5046729788108 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR056 CaseType=Combination P=-32.8212879456381 V2=88.0340604082476 V3=0 T=0 M2=0 M3=33.4605677611149 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR056 CaseType=Combination P=-32.8212879456381 V2=88.5614041582476 V3=0 T=0 M2=0 M3=27.9419594934119 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR057 CaseType=Combination P=-19.3727813721668 V2=88.0235615038792 V3=0 T=0 M2=0 M3=32.2273873706766 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR057 CaseType=Combination P=-19.3727813721668 V2=88.5509052538792 V3=0 T=0 M2=0 M3=26.7094352844967 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR058 CaseType=Combination P=-14.0832068699382 V2=160.189631217431 V3=0 T=0 M2=0 M3=54.2638114350374 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR058 CaseType=Combination P=-14.0832068699382 V2=160.716974967431 V3=0 T=0 M2=0 M3=44.2354799917605 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR059 CaseType=Combination P=-27.1785576838038 V2=161.043961669574 V3=0 T=0 M2=0 M3=67.467532627591 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR059 CaseType=Combination P=-27.1785576838038 V2=161.571305419574 V3=0 T=0 M2=0 M3=57.3858055310552 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR060 CaseType=Combination P=-40.2739084962492 V2=160.211609808679 V3=0 T=0 M2=0 M3=56.8453729903854 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR060 CaseType=Combination P=-40.2739084962492 V2=160.738953558679 V3=0 T=0 M2=0 M3=46.8156678851555 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR061 CaseType=Combination P=-31.4907292115481 V2=66.2346176887541 V3=0 T=0 M2=0 M3=38.3595739202425 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR061 CaseType=Combination P=-31.4907292115481 V2=66.6252426887541 V3=0 T=0 M2=0 M3=34.2077032834454 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR062 CaseType=Combination P=-44.5860800239935 V2=65.4022658278596 V3=0 T=0 M2=0 M3=27.737414283037 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR062 CaseType=Combination P=-44.5860800239935 V2=65.7928908278596 V3=0 T=0 M2=0 M3=23.6375656375457 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR063 CaseType=Combination P=-31.1685172837839 V2=86.7279498817355 V3=0 T=0 M2=0 M3=31.1131505357381 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR063 CaseType=Combination P=-31.1685172837839 V2=87.2552936317355 V3=0 T=0 M2=0 M3=25.6761741759421 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR064 CaseType=Combination P=-17.7200107103126 V2=86.7174509773671 V3=0 T=0 M2=0 M3=29.8799701452998 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR064 CaseType=Combination P=-17.7200107103126 V2=87.2447947273671 V3=0 T=0 M2=0 M3=24.4436499670269 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR065 CaseType=Combination P=-12.430436208084 V2=158.883520690919 V3=0 T=0 M2=0 M3=51.9163942096606 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR065 CaseType=Combination P=-12.430436208084 V2=159.410864440919 V3=0 T=0 M2=0 M3=41.9696946742907 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR066 CaseType=Combination P=-25.5257870219497 V2=159.737851143062 V3=0 T=0 M2=0 M3=65.1201154022142 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR066 CaseType=Combination P=-25.5257870219497 V2=160.265194893062 V3=0 T=0 M2=0 M3=55.1200202135854 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR067 CaseType=Combination P=-38.6211378343951 V2=158.905499282167 V3=0 T=0 M2=0 M3=54.4979557650086 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR067 CaseType=Combination P=-38.6211378343951 V2=159.432843032167 V3=0 T=0 M2=0 M3=44.5498825676857 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR068 CaseType=Combination P=-29.8379585496939 V2=64.928507162242 V3=0 T=0 M2=0 M3=36.0121566948657 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR068 CaseType=Combination P=-29.8379585496939 V2=65.319132162242 V3=0 T=0 M2=0 M3=31.9419179659756 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR069 CaseType=Combination P=-42.9333093621393 V2=64.0961553013476 V3=0 T=0 M2=0 M3=25.3899970576602 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR069 CaseType=Combination P=-42.9333093621393 V2=64.4867803013476 V3=0 T=0 M2=0 M3=21.3717803200759 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR070 CaseType=Combination P=-33.9336370060809 V2=87.3953155126344 V3=0 T=0 M2=0 M3=33.9677264236347 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR070 CaseType=Combination P=-33.9336370060809 V2=87.9226592626344 V3=0 T=0 M2=0 M3=28.4890397119075 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR071 CaseType=Combination P=-20.4851304326096 V2=87.384816608266 V3=0 T=0 M2=0 M3=32.7345460331964 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR071 CaseType=Combination P=-20.4851304326096 V2=87.912160358266 V3=0 T=0 M2=0 M3=27.2565155029923 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR072 CaseType=Combination P=-15.19555930381 V2=159.550886321817 V3=0 T=0 M2=0 M3=54.7709700975571 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR072 CaseType=Combination P=-15.19555930381 V2=160.078230071817 V3=0 T=0 M2=0 M3=44.7825602102561 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR073 CaseType=Combination P=-28.2909067442467 V2=160.40521677396 V3=0 T=0 M2=0 M3=67.9746912901108 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR073 CaseType=Combination P=-28.2909067442467 V2=160.93256052396 V3=0 T=0 M2=0 M3=57.9328857495508 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR074 CaseType=Combination P=-41.3862575566921 V2=159.572864913066 V3=0 T=0 M2=0 M3=57.3525316529052 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR074 CaseType=Combination P=-41.3862575566921 V2=160.100208663066 V3=0 T=0 M2=0 M3=47.3627481036511 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR075 CaseType=Combination P=-32.6030782719909 V2=65.5958727931409 V3=0 T=0 M2=0 M3=38.8667325827623 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR075 CaseType=Combination P=-32.6030782719909 V2=65.9864977931409 V3=0 T=0 M2=0 M3=34.754783501941 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR076 CaseType=Combination P=-45.6984290844363 V2=64.7635209322465 V3=0 T=0 M2=0 M3=28.2445729455567 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR076 CaseType=Combination P=-45.6984290844363 V2=65.1541459322465 V3=0 T=0 M2=0 M3=24.1846458560413 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR077 CaseType=Combination P=-30.2472366585677 V2=88.4463642271387 V3=0 T=0 M2=0 M3=31.5337118729779 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR077 CaseType=Combination P=-30.2472366585677 V2=88.9737079771387 V3=0 T=0 M2=0 M3=25.9893346165942 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR078 CaseType=Combination P=-16.7987300850964 V2=88.4358653227703 V3=0 T=0 M2=0 M3=30.3005314825396 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR078 CaseType=Combination P=-16.7987300850964 V2=88.9632090727703 V3=0 T=0 M2=0 M3=24.7568104076789 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR079 CaseType=Combination P=-9.19504052817351 V2=184.221921432001 V3=0 T=0 M2=0 M3=58.899978265616 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR079 CaseType=Combination P=-9.19504052817351 V2=184.749265182001 V3=0 T=0 M2=0 M3=47.369608244874 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR080 CaseType=Combination P=-24.4140905175125 V2=185.219841262006 V3=0 T=0 M2=0 M3=74.5666620903005 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR080 CaseType=Combination P=-24.4140905175125 V2=185.747185012006 V3=0 T=0 M2=0 M3=62.9739425192376 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR081 CaseType=Combination P=-39.6331405054312 V2=184.247726585544 V3=0 T=0 M2=0 M3=61.930979770213 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR081 CaseType=Combination P=-39.6331405054312 V2=184.775070335544 V3=0 T=0 M2=0 M3=50.399017366429 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR082 CaseType=Combination P=-30.4894535459996 V2=66.3551407100028 V3=0 T=0 M2=0 M3=38.1132286948317 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR082 CaseType=Combination P=-30.4894535459996 V2=66.7457657100028 V3=0 T=0 M2=0 M3=33.9538253692066 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR083 CaseType=Combination P=-45.7085035339183 V2=65.3830260335401 V3=0 T=0 M2=0 M3=25.4775463747442 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR083 CaseType=Combination P=-45.7085035339183 V2=65.7736510335401 V3=0 T=0 M2=0 M3=21.378900216398 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR084 CaseType=Combination P=-24.053582842782 V2=160.474362555901 V3=0 T=0 M2=0 M3=74.2331249735149 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR084 CaseType=Combination P=-24.053582842782 V2=161.001706305901 V3=0 T=0 M2=0 M3=64.1869978215836 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR085 CaseType=Combination P=-11.5091555828678 V2=160.601935036322 V3=0 T=0 M2=0 M3=52.3369555469003 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR085 CaseType=Combination P=-11.5091555828678 V2=161.129278786322 V3=0 T=0 M2=0 M3=42.2828551149427 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR086 CaseType=Combination P=-24.6045063967334 V2=161.456265488465 V3=0 T=0 M2=0 M3=65.5406767394539 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR086 CaseType=Combination P=-24.6045063967334 V2=161.983609238465 V3=0 T=0 M2=0 M3=55.4331806542374 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR087 CaseType=Combination P=-37.6998572091788 V2=160.62391362757 V3=0 T=0 M2=0 M3=54.9185171022484 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR087 CaseType=Combination P=-37.6998572091788 V2=161.15125737757 V3=0 T=0 M2=0 M3=44.8630430083377 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR088 CaseType=Combination P=-28.9166779244777 V2=66.6469215076452 V3=0 T=0 M2=0 M3=36.4327180321055 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR088 CaseType=Combination P=-28.9166779244777 V2=67.0375465076452 V3=0 T=0 M2=0 M3=32.2550784066277 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR089 CaseType=Combination P=-42.0120287369231 V2=65.8145696467508 V3=0 T=0 M2=0 M3=25.8105583948999 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR089 CaseType=Combination P=-42.0120287369231 V2=66.2051946467508 V3=0 T=0 M2=0 M3=21.684940760728 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR090 CaseType=Combination P=-28.3722517539546 V2=88.432524413171 V3=0 T=0 M2=0 M3=29.9081148950203 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR090 CaseType=Combination P=-28.3722517539546 V2=88.959868163171 V3=0 T=0 M2=0 M3=24.3646026270096 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR091 CaseType=Combination P=-14.9237451804833 V2=88.422025088025 V3=0 T=0 M2=0 M3=28.674934504582 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR091 CaseType=Combination P=-14.9237451804833 V2=88.9493692588025 V3=0 T=0 M2=0 M3=23.1320784180943 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR092 CaseType=Combination P=-9.63417067825471 V2=160.588095222354 V3=0 T=0 M2=0 M3=50.7113585689427 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR092 CaseType=Combination P=-9.63417067825471 V2=161.115438972354 V3=0 T=0 M2=0 M3=40.6581231253581 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR093 CaseType=Combination P=-22.7295214921204 V2=161.442425674497 V3=0 T=0 M2=0 M3=63.9150797614964 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR093 CaseType=Combination P=-22.7295214921204 V2=161.969769424497 V3=0 T=0 M2=0 M3=53.8084486646528 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR094 CaseType=Combination P=-35.8248723045658 V2=160.610073813603 V3=0 T=0 M2=0 M3=53.2929201242908 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR094 CaseType=Combination P=-35.8248723045658 V2=161.137417563603 V3=0 T=0 M2=0 M3=43.2383110187531 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR095 CaseType=Combination P=-27.0416930198646 V2=66.6330816936775 V3=0 T=0 M2=0 M3=34.8071210541479 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR095 CaseType=Combination P=-27.0416930198646 V2=67.0237066936775 V3=0 T=0 M2=0 M3=30.6303464170431 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR096 CaseType=Combination P=-40.13704383231 V2=65.800729832783 V3=0 T=0 M2=0 M3=24.1849614169423 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR096 CaseType=Combination P=-40.13704383231 V2=66.191354832783 V3=0 T=0 M2=0 M3=20.0602087711434 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR097 CaseType=Combination P=-32.1222215631807 V2=88.4602040411065 V3=0 T=0 M2=0 M3=33.1593088059354 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR097 CaseType=Combination P=-32.1222215631807 V2=88.9875477911065 V3=0 T=0 M2=0 M3=27.6140666061788 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR098 CaseType=Combination P=-18.6737149897095 V2=88.449705136738 V3=0 T=0 M2=0 M3=31.9261284604972 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR098 CaseType=Combination P=-18.6737149897095 V2=88.977048886738 V3=0 T=0 M2=0 M3=26.3815423972635 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR099 CaseType=Combination P=-13.3841404874809 V2=160.615774850289 V3=0 T=0 M2=0 M3=53.962525248579 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR099 CaseType=Combination P=-13.3841404874809 V2=161.143118600289 V3=0 T=0 M2=0 M3=43.9075871045273 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR100 CaseType=Combination P=-26.4794913013465 V2=161.470105302432 V3=0 T=0 M2=0 M3=67.1662737174115 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR100 CaseType=Combination P=-26.4794913013465 V2=161.997449052432 V3=0 T=0 M2=0 M3=57.057912643822 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR101 CaseType=Combination P=-39.5748421137919 V2=160.637753441538 V3=0 T=0 M2=0 M3=56.544114080206 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR101 CaseType=Combination P=-39.5748421137919 V2=161.165097191538 V3=0 T=0 M2=0 M3=46.4877749979223 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR102 CaseType=Combination P=-30.7916628290907 V2=66.6607613216129 V3=0 T=0 M2=0 M3=38.0583150100631 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR102 CaseType=Combination P=-30.7916628290907 V2=67.0513863216129 V3=0 T=0 M2=0 M3=33.8798103962123 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR103 CaseType=Combination P=-43.8870136415361 V2=65.8284094607185 V3=0 T=0 M2=0 M3=27.4361553728575 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR103 CaseType=Combination P=-43.8870136415361 V2=66.2190344607185 V3=0 T=0 M2=0 M3=23.3096727503126 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR104 CaseType=Combination P=-32.1859710499376 V2=88.4606745947816 V3=0 T=0 M2=0 M3=33.214579148186 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR104 CaseType=Combination P=-32.1859710499376 V2=88.9880183447816 V3=0 T=0 M2=0 M3=27.6693074938247 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR105 CaseType=Combination P=-18.7374644764663 V2=88.4501756904131 V3=0 T=0 M2=0 M3=31.9813987577477 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR105 CaseType=Combination P=-18.7374644764663 V2=88.9775194404131 V3=0 T=0 M2=0 M3=26.4367832849094 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR106 CaseType=Combination P=-13.4478899742377 V2=160.616245403965 V3=0 T=0 M2=0 M3=54.0178228221085 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR106 CaseType=Combination P=-13.4478899742377 V2=161.143589153965 V3=0 T=0 M2=0 M3=43.9628279921732 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR107 CaseType=Combination P=-26.5432407881034 V2=161.470575856108 V3=0 T=0 M2=0 M3=67.2215440146621 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR107 CaseType=Combination P=-26.5432407881034 V2=161.997919606108 V3=0 T=0 M2=0 M3=57.1131535314679 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR108 CaseType=Combination P=-39.6385916005488 V2=160.638223995213 V3=0 T=0 M2=0 M3=56.5993843774566 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR108 CaseType=Combination P=-39.6385916005488 V2=161.165567745213 V3=0 T=0 M2=0 M3=46.5430158855682 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR109 CaseType=Combination P=-30.8554123158476 V2=66.661231875288 V3=0 T=0 M2=0 M3=38.1135853073137 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR109 CaseType=Combination P=-30.8554123158476 V2=67.051856875288 V3=0 T=0 M2=0 M3=33.9350512838582 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR110 CaseType=Combination P=-43.950763128293 V2=65.8288800143936 V3=0 T=0 M2=0 M3=27.4914256701081 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR110 CaseType=Combination P=-43.950763128293 V2=66.2195050143936 V3=0 T=0 M2=0 M3=23.3649136379585 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR111 CaseType=Combination P=-27.4926188888107 V2=86.2695133496186 V3=0 T=0 M2=0 M3=27.6213498306832 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR111 CaseType=Combination P=-27.4926188888107 V2=86.7968570996186 V3=0 T=0 M2=0 M3=22.2130257541445 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR112 CaseType=Combination P=-14.0441123153394 V2=86.2590144452502 V3=0 T=0 M2=0 M3=26.3881694402449 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR112 CaseType=Combination P=-14.0441123153394 V2=86.7863581952502 V3=0 T=0 M2=0 M3=20.9805015452293 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR113 CaseType=Combination P=-7.54226986631934 V2=182.915810905489 V3=0 T=0 M2=0 M3=56.5525406011848 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR113 CaseType=Combination P=-7.54226986631934 V2=183.443154655489 V3=0 T=0 M2=0 M3=45.1038229274043 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR114 CaseType=Combination P=-22.7613198556583 V2=183.913730735494 V3=0 T=0 M2=0 M3=72.2192448649237 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR114 CaseType=Combination P=-22.7613198556583 V2=184.441074485494 V3=0 T=0 M2=0 M3=60.7081572017678 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR115 CaseType=Combination P=-37.980369843577 V2=182.941616059031 V3=0 T=0 M2=0 M3=59.5835625448362 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR115 CaseType=Combination P=-37.980369843577 V2=183.468959809031 V3=0 T=0 M2=0 M3=48.1332320489592 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR116 CaseType=Combination P=-28.8366828841454 V2=65.0490301834908 V3=0 T=0 M2=0 M3=35.7658114694549 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR116 CaseType=Combination P=-28.8366828841454 V2=65.4396551834908 V3=0 T=0 M2=0 M3=31.6880400517368 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR117 CaseType=Combination P=-44.0557328720641 V2=64.0769155070281 V3=0 T=0 M2=0 M3=23.1301291493674 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR117 CaseType=Combination P=-44.0557328720641 V2=64.4675405070281 V3=0 T=0 M2=0 M3=19.1131148989282 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR118 CaseType=Combination P=-22.4008121809279 V2=159.168252029389 V3=0 T=0 M2=0 M3=71.8857077481381 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR118 CaseType=Combination P=-22.4008121809279 V2=159.695595779389 V3=0 T=0 M2=0 M3=61.9212125041138 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR119 CaseType=Combination P=-8.75453781311082 V2=158.425084158802 V3=0 T=0 M2=0 M3=48.424595046056 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR119 CaseType=Combination P=-8.75453781311082 V2=158.952427908802 V3=0 T=0 M2=0 M3=38.5065462524931 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR120 CaseType=Combination P=-21.8498886269765 V2=159.279414610945 V3=0 T=0 M2=0 M3=61.6283146971593 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR120 CaseType=Combination P=-21.8498886269765 V2=159.806758360945 V3=0 T=0 M2=0 M3=51.6568717917878 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR121 CaseType=Combination P=-34.9452394394219 V2=158.44706275005 V3=0 T=0 M2=0 M3=51.0061550599537 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR121 CaseType=Combination P=-34.9452394394219 V2=158.97440650005 V3=0 T=0 M2=0 M3=41.0867341458881 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR122 CaseType=Combination P=-26.1620601547207 V2=64.4700706301251 V3=0 T=0 M2=0 M3=32.5203559898108 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR122 CaseType=Combination P=-26.1620601547207 V2=64.8606956301251 V3=0 T=0 M2=0 M3=28.478769544178 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR123 CaseType=Combination P=-39.2574109671661 V2=63.6377187692307 V3=0 T=0 M2=0 M3=21.8981963526053 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR123 CaseType=Combination P=-39.2574109671661 V2=64.0283437692307 V3=0 T=0 M2=0 M3=17.9086318982783 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR124 CaseType=Combination P=-25.6176339841976 V2=86.2556735356509 V3=0 T=0 M2=0 M3=25.9957528527256 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR124 CaseType=Combination P=-25.6176339841976 V2=86.7830172856509 V3=0 T=0 M2=0 M3=20.5882937645599 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR125 CaseType=Combination P=-12.1691274107264 V2=86.2451746312825 V3=0 T=0 M2=0 M3=24.7625724622873 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR125 CaseType=Combination P=-12.1691274107264 V2=86.7725183812825 V3=0 T=0 M2=0 M3=19.3557695556447 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR126 CaseType=Combination P=-6.87955290849774 V2=158.411244344834 V3=0 T=0 M2=0 M3=46.7989965266481 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR126 CaseType=Combination P=-6.87955290849774 V2=158.938588094834 V3=0 T=0 M2=0 M3=36.8818142629084 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR127 CaseType=Combination P=-19.9749037223634 V2=159.265574796977 V3=0 T=0 M2=0 M3=60.0027177192017 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR127 CaseType=Combination P=-19.9749037223634 V2=159.792918546977 V3=0 T=0 M2=0 M3=50.0321398022031 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR128 CaseType=Combination P=-33.0702545348088 V2=158.43322936082 V3=0 T=0 M2=0 M3=49.3805580819961 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR128 CaseType=Combination P=-33.0702545348088 V2=158.960566686082 V3=0 T=0 M2=0 M3=39.4620021563035 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR129 CaseType=Combination P=-24.2870752501076 V2=64.4562308161574 V3=0 T=0 M2=0 M3=30.8947590118532 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR129 CaseType=Combination P=-24.2870752501076 V2=64.8468558161574 V3=0 T=0 M2=0 M3=26.8540375545934 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR130 CaseType=Combination P=-37.382426062553 V2=63.623878955263 V3=0 T=0 M2=0 M3=20.2725993746477 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR130 CaseType=Combination P=-37.382426062553 V2=64.014503955263 V3=0 T=0 M2=0 M3=16.2838999086937 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR131 CaseType=Combination P=-29.3676037934238 V2=86.2833531635864 V3=0 T=0 M2=0 M3=29.2469468086408 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR131 CaseType=Combination P=-29.3676037934238 V2=86.8106969135864 V3=0 T=0 M2=0 M3=23.8377577437291 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR132 CaseType=Combination P=-15.9190972199525 V2=86.2728542592179 V3=0 T=0 M2=0 M3=28.0137664182025 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR132 CaseType=Combination P=-15.9190972199525 V2=86.8001980092179 V3=0 T=0 M2=0 M3=22.6052335348139 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR133 CaseType=Combination P=-10.6295227177239 V2=158.438923972769 V3=0 T=0 M2=0 M3=50.051904825632 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR133 CaseType=Combination P=-10.6295227177239 V2=158.966267722769 V3=0 T=0 M2=0 M3=40.1312782420777 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR134 CaseType=Combination P=-23.7248735315896 V2=159.293254424912 V3=0 T=0 M2=0 M3=63.2539116751169 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR134 CaseType=Combination P=-23.7248735315896 V2=159.820598174912 V3=0 T=0 M2=0 M3=53.2816037813724 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR135 CaseType=Combination P=-36.820224344035 V2=158.460902564018 V3=0 T=0 M2=0 M3=52.6317520379113 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR135 CaseType=Combination P=-36.820224344035 V2=158.988246314018 V3=0 T=0 M2=0 M3=42.7114661354727 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR136 CaseType=Combination P=-28.0370450593338 V2=64.4839104440928 V3=0 T=0 M2=0 M3=34.1459529677684 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR136 CaseType=Combination P=-28.0370450593338 V2=64.8745354440928 V3=0 T=0 M2=0 M3=30.1035015337626 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR137 CaseType=Combination P=-41.1323958717792 V2=63.6515585831984 V3=0 T=0 M2=0 M3=23.5237933305628 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR137 CaseType=Combination P=-41.1323958717792 V2=64.0421835831984 V3=0 T=0 M2=0 M3=19.5333638878629 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR138 CaseType=Combination P=-29.4313532801806 V2=86.2838237172615 V3=0 T=0 M2=0 M3=29.3022171058914 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR138 CaseType=Combination P=-29.4313532801806 V2=86.8111674672615 V3=0 T=0 M2=0 M3=23.892998631375 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR139 CaseType=Combination P=-15.9828467067094 V2=86.2733248128931 V3=0 T=0 M2=0 M3=28.0690367154531 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR139 CaseType=Combination P=-15.9828467067094 V2=86.8006685628931 V3=0 T=0 M2=0 M3=22.6604744224598 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR140 CaseType=Combination P=-10.6932722044807 V2=158.439394526444 V3=0 T=0 M2=0 M3=50.1054607798138 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR140 CaseType=Combination P=-10.6932722044807 V2=158.966738276444 V3=0 T=0 M2=0 M3=40.1865191297236 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR141 CaseType=Combination P=-23.7886230183464 V2=159.293724978587 V3=0 T=0 M2=0 M3=63.3091819723675 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR141 CaseType=Combination P=-23.7886230183464 V2=159.821068728587 V3=0 T=0 M2=0 M3=53.3368446690183 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR142 CaseType=Combination P=-36.8839738307918 V2=158.461373117693 V3=0 T=0 M2=0 M3=52.6870223351619 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR142 CaseType=Combination P=-36.8839738307918 V2=158.988716867693 V3=0 T=0 M2=0 M3=42.7667070231186 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR143 CaseType=Combination P=-28.1007945460906 V2=64.484380997768 V3=0 T=0 M2=0 M3=34.201223265019 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR143 CaseType=Combination P=-28.1007945460906 V2=64.875005997768 V3=0 T=0 M2=0 M3=30.1587424214085 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR144 CaseType=Combination P=-41.196145358536 V2=63.6520291368735 V3=0 T=0 M2=0 M3=23.5790362678134 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR144 CaseType=Combination P=-41.196145358536 V2=64.0426541368735 V3=0 T=0 M2=0 M3=19.5886047755088 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR145 CaseType=Combination P=-32.1011517593057 V2=87.3817894011167 V3=0 T=0 M2=0 M3=32.3789763105108 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR145 CaseType=Combination P=-32.1011517593057 V2=87.9091331511167 V3=0 T=0 M2=0 M3=26.9011349807535 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR146 CaseType=Combination P=-18.6526451858345 V2=87.3712904967483 V3=0 T=0 M2=0 M3=31.1457959200725 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR146 CaseType=Combination P=-18.6526451858345 V2=87.8986342467483 V3=0 T=0 M2=0 M3=25.6686107718383 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR147 CaseType=Combination P=-10.3073895886163 V2=183.583176536388 V3=0 T=0 M2=0 M3=59.4071164890814 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR147 CaseType=Combination P=-10.3073895886163 V2=184.110520286388 V3=0 T=0 M2=0 M3=47.9166884633697 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR148 CaseType=Combination P=-25.5264395779553 V2=184.581096366393 V3=0 T=0 M2=0 M3=75.0738207528202 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR148 CaseType=Combination P=-25.5264395779553 V2=185.108440116393 V3=0 T=0 M2=0 M3=63.5210227377332 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR149 CaseType=Combination P=-40.745489565874 V2=183.60898168993 V3=0 T=0 M2=0 M3=62.4381384327327 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR149 CaseType=Combination P=-40.745489565874 V2=184.13632543993 V3=0 T=0 M2=0 M3=50.9460975849246 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR150 CaseType=Combination P=-31.6018026064424 V2=65.7163958143896 V3=0 T=0 M2=0 M3=38.6203837573515 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR150 CaseType=Combination P=-31.6018026064424 V2=66.1070208143896 V3=0 T=0 M2=0 M3=34.5009055877022 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR151 CaseType=Combination P=-46.8208525943611 V2=64.744281137927 V3=0 T=0 M2=0 M3=25.984705037264 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR151 CaseType=Combination P=-46.8208525943611 V2=65.134906137927 V3=0 T=0 M2=0 M3=21.9259804348936 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR152 CaseType=Combination P=-25.1659319032249 V2=159.835617660288 V3=0 T=0 M2=0 M3=74.7402836360347 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR152 CaseType=Combination P=-25.1659319032249 V2=160.362961410288 V3=0 T=0 M2=0 M3=64.7340780400792 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR153 CaseType=Combination P=-13.3630706836058 V2=159.5373602103 V3=0 T=0 M2=0 M3=53.1822199844333 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR153 CaseType=Combination P=-13.3630706836058 V2=160.0647039603 V3=0 T=0 M2=0 M3=43.1946554791021 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR154 CaseType=Combination P=-26.4584214974715 V2=160.391690662443 V3=0 T=0 M2=0 M3=66.3859411769869 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR154 CaseType=Combination P=-26.4584214974715 V2=160.919034412443 V3=0 T=0 M2=0 M3=56.3449810183967 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR155 CaseType=Combination P=-39.5537723099169 V2=159.559338801548 V3=0 T=0 M2=0 M3=55.7637815397813 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR155 CaseType=Combination P=-39.5537723099169 V2=160.086682551548 V3=0 T=0 M2=0 M3=45.7748433724971 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR156 CaseType=Combination P=-30.7705930252157 V2=65.5823466816232 V3=0 T=0 M2=0 M3=37.2779824696385 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR156 CaseType=Combination P=-30.7705930252157 V2=65.9729716816232 V3=0 T=0 M2=0 M3=33.166878770787 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR157 CaseType=Combination P=-43.8659438376611 V2=64.7499948207288 V3=0 T=0 M2=0 M3=26.6558228324329 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR157 CaseType=Combination P=-43.8659438376611 V2=65.1406198207288 V3=0 T=0 M2=0 M3=22.5967411248873 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR158 CaseType=Combination P=-30.2261668546926 V2=87.367949587149 V3=0 T=0 M2=0 M3=30.7533793325532 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR158 CaseType=Combination P=-30.2261668546926 V2=87.895293337149 V3=0 T=0 M2=0 M3=25.2764029911689 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR159 CaseType=Combination P=-16.7776602812214 V2=87.3574506827806 V3=0 T=0 M2=0 M3=29.5201989421149 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR159 CaseType=Combination P=-16.7776602812214 V2=87.8847944327806 V3=0 T=0 M2=0 M3=24.0438787822537 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR160 CaseType=Combination P=-11.4880857789928 V2=159.523520396332 V3=0 T=0 M2=0 M3=51.5566230064757 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR160 CaseType=Combination P=-11.4880857789928 V2=160.050864146332 V3=0 T=0 M2=0 M3=41.5699234895174 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR161 CaseType=Combination P=-24.5834365928584 V2=160.377850848475 V3=0 T=0 M2=0 M3=64.7603441990293 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR161 CaseType=Combination P=-24.5834365928584 V2=160.905194598475 V3=0 T=0 M2=0 M3=54.7202490288121 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR162 CaseType=Combination P=-37.6787874053038 V2=159.545498987581 V3=0 T=0 M2=0 M3=54.1381845618237 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR162 CaseType=Combination P=-37.6787874053038 V2=160.072842737581 V3=0 T=0 M2=0 M3=44.1501113829125 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR163 CaseType=Combination P=-28.8956081206026 V2=65.5685068676555 V3=0 T=0 M2=0 M3=35.6523854916809 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR163 CaseType=Combination P=-28.8956081206026 V2=65.9591318676555 V3=0 T=0 M2=0 M3=31.5421467812024 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR164 CaseType=Combination P=-41.990958933048 V2=64.7361550067611 V3=0 T=0 M2=0 M3=25.0302258544753 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR164 CaseType=Combination P=-41.990958933048 V2=65.1267800067611 V3=0 T=0 M2=0 M3=20.9720091353027 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR165 CaseType=Combination P=-33.9761366639188 V2=87.3956292150845 V3=0 T=0 M2=0 M3=34.0045732884684 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR165 CaseType=Combination P=-33.9761366639188 V2=87.9229729650845 V3=0 T=0 M2=0 M3=28.5258669703381 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR166 CaseType=Combination P=-20.5276300904475 V2=87.3851303107161 V3=0 T=0 M2=0 M3=32.7713928980301 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR166 CaseType=Combination P=-20.5276300904475 V2=87.9124740607161 V3=0 T=0 M2=0 M3=27.2933427614229 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR167 CaseType=Combination P=-15.2380555882189 V2=159.551200024267 V3=0 T=0 M2=0 M3=54.8078169623909 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR167 CaseType=Combination P=-15.2380555882189 V2=160.078543774267 V3=0 T=0 M2=0 M3=44.8193874686867 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR168 CaseType=Combination P=-28.3334064020846 V2=160.40553047641 V3=0 T=0 M2=0 M3=68.0115381549445 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR168 CaseType=Combination P=-28.3334064020846 V2=160.93287422641 V3=0 T=0 M2=0 M3=57.9697130079814 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR169 CaseType=Combination P=-41.42875721453 V2=159.573178615516 V3=0 T=0 M2=0 M3=57.3893785177389 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR169 CaseType=Combination P=-41.42875721453 V2=160.100522365516 V3=0 T=0 M2=0 M3=47.3995753620817 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR170 CaseType=Combination P=-32.6455779298288 V2=65.5961864959591 V3=0 T=0 M2=0 M3=38.903579447596 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR170 CaseType=Combination P=-32.6455779298288 V2=65.986811495591 V3=0 T=0 M2=0 M3=34.7916107603716 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR171 CaseType=Combination P=-45.7409287422742 V2=64.7638346346965 V3=0 T=0 M2=0 M3=28.2814198103905 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR171 CaseType=Combination P=-45.7409287422742 V2=65.1544596346965 V3=0 T=0 M2=0 M3=24.2214731144719 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR172 CaseType=Combination P=-32.9275370902328 V2=88.0348446643728 V3=0 T=0 M2=0 M3=33.5526849231992 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR172 CaseType=Combination P=-32.9275370902328 V2=88.5621884143728 V3=0 T=0 M2=0 M3=28.0340276394884 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR173 CaseType=Combination P=-19.4790305167616 V2=88.0243457600043 V3=0 T=0 M2=0 M3=32.3195045327609 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR173 CaseType=Combination P=-19.4790305167616 V2=88.5516895100043 V3=0 T=0 M2=0 M3=26.8015034305732 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR174 CaseType=Combination P=-14.1894560145329 V2=160.190415473556 V3=0 T=0 M2=0 M3=54.3559285971217 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR174 CaseType=Combination P=-14.1894560145329 V2=160.717759223556 V3=0 T=0 M2=0 M3=44.3275481378369 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR175 CaseType=Combination P=-27.2848068283986 V2=161.044745925699 V3=0 T=0 M2=0 M3=67.5596497896753 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR175 CaseType=Combination P=-27.2848068283986 V2=161.572089675699 V3=0 T=0 M2=0 M3=57.477836771316 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR176 CaseType=Combination P=-40.380157640844 V2=160.212394064804 V3=0 T=0 M2=0 M3=56.9374901524697 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR176 CaseType=Combination P=-40.380157640844 V2=160.739737814804 V3=0 T=0 M2=0 M3=46.907736031232 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR177 CaseType=Combination P=-31.5969783561428 V2=66.2354019448792 V3=0 T=0 M2=0 M3=38.4516910823269 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR177 CaseType=Combination P=-31.5969783561428 V2=66.6260269448792 V3=0 T=0 M2=0 M3=34.2997714295219 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR178 CaseType=Combination P=-44.6923291685882 V2=65.4030500839848 V3=0 T=0 M2=0 M3=27.8295314451213 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR178 CaseType=Combination P=-44.6923291685882 V2=65.7936750839848 V3=0 T=0 M2=0 M3=23.7296337836222 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR179 CaseType=Combination P=-32.9275370902328 V2=88.0348446643728 V3=0 T=0 M2=0 M3=33.5526849231992 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR179 CaseType=Combination P=-32.9275370902328 V2=88.5621884143728 V3=0 T=0 M2=0 M3=28.0340276394884 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=STR180 CaseType=Combination P=-31.2747664283786 V2=86.7287341378607 V3=0 T=0 M2=0 M3=31.2052676978224 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR180 CaseType=Combination P=-31.2747664283786 V2=87.2560778878607 V3=0 T=0 M2=0 M3=25.7682423220186 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR181 CaseType=Combination P=-17.8262598549074 V2=86.7182352334923 V3=0 T=0 M2=0 M3=29.9720873073841 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR181 CaseType=Combination P=-17.8262598549074 V2=87.2455789834923 V3=0 T=0 M2=0 M3=24.5357181131034 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR182 CaseType=Combination P=-12.5366853526787 V2=158.884304947044 V3=0 T=0 M2=0 M3=52.0085113717449 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR182 CaseType=Combination P=-12.5366853526787 V2=159.411648697044 V3=0 T=0 M2=0 M3=42.0617628203672 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR183 CaseType=Combination P=-25.6320361665444 V2=159.738635399187 V3=0 T=0 M2=0 M3=65.2122325642985 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR183 CaseType=Combination P=-25.6320361665444 V2=160.265979149187 V3=0 T=0 M2=0 M3=55.2120883596618 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR184 CaseType=Combination P=-38.7273869789898 V2=158.906283538292 V3=0 T=0 M2=0 M3=54.5900729270929 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR184 CaseType=Combination P=-38.7273869789898 V2=159.433627288292 V3=0 T=0 M2=0 M3=44.6419507137622 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR185 CaseType=Combination P=-29.9442076942886 V2=64.9292914183672 V3=0 T=0 M2=0 M3=36.1042738569501 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR185 CaseType=Combination P=-29.9442076942886 V2=65.3199164183672 V3=0 T=0 M2=0 M3=32.0339861120521 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR186 CaseType=Combination P=-43.039558506734 V2=64.0969395574728 V3=0 T=0 M2=0 M3=25.4821142197445 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR186 CaseType=Combination P=-43.039558506734 V2=64.4875645574728 V3=0 T=0 M2=0 M3=21.4638484661524 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=STR187 CaseType=Combination P=-31.2747664283786 V2=86.7287341378607 V3=0 T=0 M2=0 M3=31.2052676978224 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=STR187 CaseType=Combination P=-31.2747664283786 V2=87.2560778878607 V3=0 T=0 M2=0 M3=25.7682423220186 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652604042 V2=185.219841262006 V3=0 T=0 M2=0 M3=75.0738207528202 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652604042 V2=185.747185012006 V3=0 T=0 M2=0 M3=64.7340780400792 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.8208525943611 V2=63.623878955263 V3=0 T=0 M2=0 M3=19.9713404644682 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.8208525943611 V2=64.014503955263 V3=0 T=0 M2=0 M3=15.9560070214606 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS01 CaseType=Combination P=-26.5546953461415 V2=62.0789732680787 V3=0 T=0 M2=0 M3=41.7367421864255 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS01 CaseType=Combination P=-26.5546953461415 V2=62.4695982680787 V3=0 T=0 M2=0 M3=37.8445993259206 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS02 CaseType=Combination P=-25.2526224957158 V2=62.0693622861567 V3=0 T=0 M2=0 M3=40.6078553961772 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS02 CaseType=Combination P=-25.2526224957158 V2=62.4599872861567 V3=0 T=0 M2=0 M3=36.7163132220424 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS03 CaseType=Combination P=-27.8567681965673 V2=62.0885842500007 V3=0 T=0 M2=0 M3=42.8656289766739 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS03 CaseType=Combination P=-27.8567681965673 V2=62.4792092500007 V3=0 T=0 M2=0 M3=38.9728854297988 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS04 CaseType=Combination P=-27.1285740481742 V2=62.5324838675621 V3=0 T=0 M2=0 M3=42.5518176119036 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS04 CaseType=Combination P=-27.1285740481742 V2=62.9231088675621 V3=0 T=0 M2=0 M3=38.631330338931 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS05 CaseType=Combination P=-25.9808166441088 V2=61.6254626685953 V3=0 T=0 M2=0 M3=40.9216667609475 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS05 CaseType=Combination P=-25.9808166441088 V2=62.0160876685953 V3=0 T=0 M2=0 M3=37.0578683129103 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS06 CaseType=Combination P=-27.9010386734817 V2=62.0889110233862 V3=0 T=0 M2=0 M3=42.9040111275423 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS06 CaseType=Combination P=-27.9010386734817 V2=62.4795360233862 V3=0 T=0 M2=0 M3=39.0112471573307 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS07 CaseType=Combination P=-25.8265011977485 V2=62.52287288564 V3=0 T=0 M2=0 M3=41.4229308216553 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS07 CaseType=Combination P=-25.8265011977485 V2=62.91349788564 V3=0 T=0 M2=0 M3=37.5030442350528 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS08 CaseType=Combination P=-24.6787437936831 V2=61.6158516866733 V3=0 T=0 M2=0 M3=39.7927799706992 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS08 CaseType=Combination P=-24.6787437936831 V2=62.0064766866733 V3=0 T=0 M2=0 M3=35.9295822090321 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS09 CaseType=Combination P=-26.598965823056 V2=62.0793000414642 V3=0 T=0 M2=0 M3=41.775124337294 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS09 CaseType=Combination P=-26.598965823056 V2=62.4699250414642 V3=0 T=0 M2=0 M3=37.8829610534525 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS10 CaseType=Combination P=-26.4555953358732 V2=66.7212562554123 V3=0 T=0 M2=0 M3=43.2002440016868 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS10 CaseType=Combination P=-26.4555953358732 V2=67.1118812554123 V3=0 T=0 M2=0 M3=39.0179584544735 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=SIS11 CaseType=Combination P=-25.1535224854475 V2=66.7116452734903 V3=0 T=0 M2=0 M3=42.0713572114384 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS11 CaseType=Combination P=-25.1535224854475 V2=67.1022702734903 V3=0 T=0 M2=0 M3=37.8896723505953 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS12 CaseType=Combination P=-27.757668186299 V2=66.7308672373343 V3=0 T=0 M2=0 M3=44.3291307919351 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS12 CaseType=Combination P=-27.757668186299 V2=67.1214922373343 V3=0 T=0 M2=0 M3=40.1462445583517 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS13 CaseType=Combination P=-27.0294740379059 V2=67.1747668548957 V3=0 T=0 M2=0 M3=44.0153194271648 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS13 CaseType=Combination P=-27.0294740379059 V2=67.5653918548957 V3=0 T=0 M2=0 M3=39.8046894674838 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS14 CaseType=Combination P=-25.8817166338405 V2=66.2677456559289 V3=0 T=0 M2=0 M3=42.3851685762087 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS14 CaseType=Combination P=-25.8817166338405 V2=66.6583706559289 V3=0 T=0 M2=0 M3=38.2312274414632 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS15 CaseType=Combination P=-27.8019386632134 V2=66.7311940107198 V3=0 T=0 M2=0 M3=44.3675129428036 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS15 CaseType=Combination P=-27.8019386632134 V2=67.1218190107198 V3=0 T=0 M2=0 M3=40.1846062858836 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS16 CaseType=Combination P=-25.7274011874802 V2=67.1651558279736 V3=0 T=0 M2=0 M3=42.8864326369165 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS16 CaseType=Combination P=-25.7274011874802 V2=67.5557808279736 V3=0 T=0 M2=0 M3=38.6764033636056 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS17 CaseType=Combination P=-24.5796437834148 V2=66.2581346740069 V3=0 T=0 M2=0 M3=41.2562817859604 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS17 CaseType=Combination P=-24.5796437834148 V2=66.6487596740069 V3=0 T=0 M2=0 M3=37.102941337585 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS18 CaseType=Combination P=-26.4998658127877 V2=66.7215830287978 V3=0 T=0 M2=0 M3=43.2386261525552 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS18 CaseType=Combination P=-26.4998658127877 V2=67.1122080287978 V3=0 T=0 M2=0 M3=39.0563201820054 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS19 CaseType=Combination P=-26.6703120247879 V2=57.1187234122699 V3=0 T=0 M2=0 M3=29.8963654032378 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS19 CaseType=Combination P=-26.6703120247879 V2=57.5093484122699 V3=0 T=0 M2=0 M3=26.3142381587209 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS20 CaseType=Combination P=-25.3682391743621 V2=57.1091124303479 V3=0 T=0 M2=0 M3=28.7674786129895 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS20 CaseType=Combination P=-25.3682391743621 V2=57.4997374303479 V3=0 T=0 M2=0 M3=25.1859520548427 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS21 CaseType=Combination P=-27.9723848752136 V2=57.1283343941919 V3=0 T=0 M2=0 M3=31.0252521934861 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS21 CaseType=Combination P=-27.9723848752136 V2=57.5189593941919 V3=0 T=0 M2=0 M3=27.4425242625991 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS22 CaseType=Combination P=-27.2441907268206 V2=57.5722340117533 V3=0 T=0 M2=0 M3=30.7114408287159 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS22 CaseType=Combination P=-27.2441907268206 V2=57.9628590117533 V3=0 T=0 M2=0 M3=27.1009691717313 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS23 CaseType=Combination P=-26.0964333227552 V2=56.6652128127866 V3=0 T=0 M2=0 M3=29.0812899777598 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS23 CaseType=Combination P=-26.0964333227552 V2=57.0558378127866 V3=0 T=0 M2=0 M3=25.5275071457106 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS24 CaseType=Combination P=-28.0166553521281 V2=57.1286611675774 V3=0 T=0 M2=0 M3=31.0636343443546 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS24 CaseType=Combination P=-28.0166553521281 V2=57.5192861675774 V3=0 T=0 M2=0 M3=27.480885990131 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS25 CaseType=Combination P=-25.9421178763948 V2=57.5626230298312 V3=0 T=0 M2=0 M3=29.5825540384675 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS25 CaseType=Combination P=-25.9421178763948 V2=57.9532480298312 V3=0 T=0 M2=0 M3=25.9726830678531 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS26 CaseType=Combination P=-24.7943604723294 V2=56.6556018308645 V3=0 T=0 M2=0 M3=27.9524031875114 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS26 CaseType=Combination P=-24.7943604723294 V2=57.0462268308645 V3=0 T=0 M2=0 M3=24.3992210418324 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS27 CaseType=Combination P=-26.7145825017024 V2=57.1190501856554 V3=0 T=0 M2=0 M3=29.9347475541063 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS27 CaseType=Combination P=-26.7145825017024 V2=57.5096751856554 V3=0 T=0 M2=0 M3=26.3525998862528 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS28 CaseType=Combination P=-26.3399786572268 V2=72.5930000367152 V3=0 T=0 M2=0 M3=34.7747047874419 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS28 CaseType=Combination P=-26.3399786572268 V2=72.9836250367152 V3=0 T=0 M2=0 M3=30.2254352538972 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS29 CaseType=Combination P=-25.0379058068011 V2=72.5833890547932 V3=0 T=0 M2=0 M3=33.6458179971936 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS29 CaseType=Combination P=-25.0379058068011 V2=72.9740140547932 V3=0 T=0 M2=0 M3=29.097149150019 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS30 CaseType=Combination P=-27.6420515076526 V2=72.6026110186373 V3=0 T=0 M2=0 M3=35.9035915776902 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS30 CaseType=Combination P=-27.6420515076526 V2=72.9932360186373 V3=0 T=0 M2=0 M3=31.3537213577754 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=SIS31 CaseType=Combination P=-26.9138573592595 V2=73.0465106361986 V3=0 T=0 M2=0 M3=35.5897802129199 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS31 CaseType=Combination P=-26.9138573592595 V2=73.4371356361986 V3=0 T=0 M2=0 M3=31.0121662669075 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS32 CaseType=Combination P=-25.7660999551941 V2=72.1394894372319 V3=0 T=0 M2=0 M3=33.9596293619638 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS32 CaseType=Combination P=-25.7660999551941 V2=72.5301144372319 V3=0 T=0 M2=0 M3=29.4387042408869 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS33 CaseType=Combination P=-27.6863219845671 V2=72.6029377920228 V3=0 T=0 M2=0 M3=35.9419737285587 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS33 CaseType=Combination P=-27.6863219845671 V2=72.9935627920228 V3=0 T=0 M2=0 M3=31.3920830853073 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS34 CaseType=Combination P=-25.6117845088338 V2=73.0368996542766 V3=0 T=0 M2=0 M3=34.4608934226716 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS34 CaseType=Combination P=-25.6117845088338 V2=73.4275246542766 V3=0 T=0 M2=0 M3=29.8838801630293 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS35 CaseType=Combination P=-24.4640271047684 V2=72.1298784553099 V3=0 T=0 M2=0 M3=32.8307425717155 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS35 CaseType=Combination P=-24.4640271047684 V2=72.5205034553099 V3=0 T=0 M2=0 M3=28.3104181370087 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=SIS36 CaseType=Combination P=-26.3842491341413 V2=72.5933268101007 V3=0 T=0 M2=0 M3=34.8130869383104 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=SIS36 CaseType=Combination P=-26.3842491341413 V2=72.9839518101007 V3=0 T=0 M2=0 M3=30.2637969814291 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271047684 V2=73.0465106361986 V3=0 T=0 M2=0 M3=44.3675129428036 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271047684 V2=73.4371356361986 V3=0 T=0 M2=0 M3=40.184602858836 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553521281 V2=56.6556018308645 V3=0 T=0 M2=0 M3=27.9524031875114 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553521281 V2=57.0462268308645 V3=0 T=0 M2=0 M3=24.3992210418324 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR001 CaseType=Combination P=-21.3851316842142 V2=64.7095842876879 V3=0 T=0 M2=0 M3=21.9092821124671 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR001 CaseType=Combination P=-21.3851316842142 V2=65.1002092876879 V3=0 T=0 M2=0 M3=17.8527260632366 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR002 CaseType=Combination P=-9.21974711242129 V2=135.979296198027 V3=0 T=0 M2=0 M3=43.0371852646867 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR002 CaseType=Combination P=-9.21974711242129 V2=136.369921198027 V3=0 T=0 M2=0 M3=34.52627222106 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR003 CaseType=Combination P=-18.9827458435297 V2=136.62335739952 V3=0 T=0 M2=0 M3=53.3359132435542 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR003 CaseType=Combination P=-18.9827458435297 V2=137.01398239952 V3=0 T=0 M2=0 M3=44.7847463748342 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR004 CaseType=Combination P=-28.7457445737067 V2=135.996052831324 V3=0 T=0 M2=0 M3=45.0053860426108 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR004 CaseType=Combination P=-28.7457445737067 V2=136.386677831324 V3=0 T=0 M2=0 M3=36.493425709403 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR005 CaseType=Combination P=-24.2070169568419 V2=65.3482268182343 V3=0 T=0 M2=0 M3=31.5715437972719 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR005 CaseType=Combination P=-24.2070169568419 V2=65.7388518182343 V3=0 T=0 M2=0 M3=27.4750725898823 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR006 CaseType=Combination P=-33.970015687019 V2=64.7209222500387 V3=0 T=0 M2=0 M3=23.2410165963286 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR006 CaseType=Combination P=-33.970015687019 V2=65.1115472500387 V3=0 T=0 M2=0 M3=19.1837519244511 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR007 CaseType=Combination P=-18.7157031215071 V2=118.293373172775 V3=0 T=0 M2=0 M3=53.0888487126019 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR007 CaseType=Combination P=-18.7157031215071 V2=118.683998172775 V3=0 T=0 M2=0 M3=45.6833058580535 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR008 CaseType=Combination P=-11.839872524882 V2=64.684943652898 V3=0 T=0 M2=0 M3=19.0150422379079 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR008 CaseType=Combination P=-11.839872524882 V2=65.075568652898 V3=0 T=0 M2=0 M3=14.9600262283517 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR009 CaseType=Combination P=-7.65725969191039 V2=135.967763019721 V3=0 T=0 M2=0 M3=41.6825211163887 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR009 CaseType=Combination P=-7.65725969191039 V2=136.358388019721 V3=0 T=0 M2=0 M3=33.1723288964062 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR010 CaseType=Combination P=-17.4202584230188 V2=136.611824221213 V3=0 T=0 M2=0 M3=51.9812490952562 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR010 CaseType=Combination P=-17.4202584230188 V2=137.002449221213 V3=0 T=0 M2=0 M3=43.4308030501803 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR011 CaseType=Combination P=-27.1832571531958 V2=135.984519653018 V3=0 T=0 M2=0 M3=43.6507218943128 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR011 CaseType=Combination P=-27.1832571531958 V2=136.375144653018 V3=0 T=0 M2=0 M3=35.1394823847492 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR012 CaseType=Combination P=-22.644529536331 V2=65.3366936399278 V3=0 T=0 M2=0 M3=30.216879648974 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR012 CaseType=Combination P=-22.644529536331 V2=65.7273186399278 V3=0 T=0 M2=0 M3=26.1211292652285 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR013 CaseType=Combination P=-32.4075282665081 V2=64.7093890717323 V3=0 T=0 M2=0 M3=21.8863524480306 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR013 CaseType=Combination P=-32.4075282665081 V2=65.1000140717323 V3=0 T=0 M2=0 M3=17.8298085997973 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR014 CaseType=Combination P=-17.1532157009962 V2=118.281839994469 V3=0 T=0 M2=0 M3=51.7341845643039 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR014 CaseType=Combination P=-17.1532157009962 V2=118.672464994469 V3=0 T=0 M2=0 M3=44.3293625333996 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR015 CaseType=Combination P=-7.92166918989785 V2=118.141291588862 V3=0 T=0 M2=0 M3=35.3383193226195 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR015 CaseType=Combination P=-7.92166918989785 V2=118.531916588862 V3=0 T=0 M2=0 M3=27.9422815670657 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR016 CaseType=Combination P=-16.1115574206556 V2=118.678990288234 V3=0 T=0 M2=0 M3=43.8126153969053 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR016 CaseType=Combination P=-16.1115574206556 V2=119.069615288234 V3=0 T=0 M2=0 M3=36.3829714726407 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR017 CaseType=Combination P=-24.3014456504821 V2=118.155213731571 V3=0 T=0 M2=0 M3=36.9735864795782 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR017 CaseType=Combination P=-24.3014456504821 V2=118.545838731571 V3=0 T=0 M2=0 M3=29.576678590105 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR018 CaseType=Combination P=-20.0297607556398 V2=65.2226423522704 V3=0 T=0 M2=0 M3=27.4893383121937 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR018 CaseType=Combination P=-20.0297607556398 V2=65.6132673522704 V3=0 T=0 M2=0 M3=23.4007161339268 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR019 CaseType=Combination P=-28.2196489854663 V2=64.6988657956069 V3=0 T=0 M2=0 M3=20.6503093948665 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR019 CaseType=Combination P=-28.2196489854663 V2=65.0894907956069 V3=0 T=0 M2=0 M3=16.5944232513911 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR020 CaseType=Combination P=-12.5285269673213 V2=65.2291563722781 V3=0 T=0 M2=0 M3=19.9931327484815 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR020 CaseType=Combination P=-12.5285269673213 V2=65.6197813722781 V3=0 T=0 M2=0 M3=15.9041034439642 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR021 CaseType=Combination P=-8.61032363233709 V2=118.685504308242 V3=0 T=0 M2=0 M3=36.3164098331932 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR021 CaseType=Combination P=-8.61032363233709 V2=119.076129308242 V3=0 T=0 M2=0 M3=28.8863587826781 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR022 CaseType=Combination P=-16.8002118630949 V2=119.223203007614 V3=0 T=0 M2=0 M3=44.790705907479 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR022 CaseType=Combination P=-16.8002118630949 V2=119.613828007614 V3=0 T=0 M2=0 M3=37.3270486882531 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR023 CaseType=Combination P=-24.9901000929213 V2=118.699426450951 V3=0 T=0 M2=0 M3=37.9516769901519 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR023 CaseType=Combination P=-24.9901000929213 V2=119.090051450951 V3=0 T=0 M2=0 M3=30.5207558057174 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR024 CaseType=Combination P=-20.718415198079 V2=65.7668550716505 V3=0 T=0 M2=0 M3=28.4674288227673 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR024 CaseType=Combination P=-20.718415198079 V2=66.1574800716505 V3=0 T=0 M2=0 M3=24.3447933495392 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR025 CaseType=Combination P=-28.9083034279055 V2=65.243078514987 V3=0 T=0 M2=0 M3=21.6283999054402 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR025 CaseType=Combination P=-28.9083034279055 V2=65.633703514987 V3=0 T=0 M2=0 M3=17.5385004670035 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR026 CaseType=Combination P=-11.1512180824428 V2=64.140730933518 V3=0 T=0 M2=0 M3=18.0369517273342 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR026 CaseType=Combination P=-11.1512180824428 V2=64.531355933518 V3=0 T=0 M2=0 M3=14.0159490127393 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR027 CaseType=Combination P=-7.23301474745861 V2=117.597078869482 V3=0 T=0 M2=0 M3=34.3602288120459 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR027 CaseType=Combination P=-7.23301474745861 V2=117.987703869482 V3=0 T=0 M2=0 M3=26.9982043514532 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR028 CaseType=Combination P=-15.4229029782164 V2=118.134777568854 V3=0 T=0 M2=0 M3=42.8345248863317 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR028 CaseType=Combination P=-15.4229029782164 V2=118.525402568854 V3=0 T=0 M2=0 M3=35.4388942570283 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR029 CaseType=Combination P=-23.6127912080429 V2=117.611001012191 V3=0 T=0 M2=0 M3=35.9954959690045 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR029 CaseType=Combination P=-23.6127912080429 V2=118.001626012191 V3=0 T=0 M2=0 M3=28.6326013744926 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR030 CaseType=Combination P=-19.3411063132006 V2=64.6784296328904 V3=0 T=0 M2=0 M3=26.51124780162 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR030 CaseType=Combination P=-19.3411063132006 V2=65.0690546328904 V3=0 T=0 M2=0 M3=22.4566389183144 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR031 CaseType=Combination P=-27.530994543027 V2=64.1546530762269 V3=0 T=0 M2=0 M3=19.6722188842929 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR031 CaseType=Combination P=-27.530994543027 V2=64.5452780762269 V3=0 T=0 M2=0 M3=15.6503460357787 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR032 CaseType=Combination P=-13.4554845176903 V2=64.6968689592671 V3=0 T=0 M2=0 M3=20.415764967248 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR032 CaseType=Combination P=-13.4554845176903 V2=65.0874939592671 V3=0 T=0 M2=0 M3=16.3600036260438 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR033 CaseType=Combination P=-9.53728118270611 V2=118.153216895231 V3=0 T=0 M2=0 M3=36.7390420519597 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR033 CaseType=Combination P=-9.53728118270611 V2=118.543841895231 V3=0 T=0 M2=0 M3=29.3422589647577 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR034 CaseType=Combination P=-17.7271694134639 V2=118.690915594603 V3=0 T=0 M2=0 M3=45.2133381262455 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR034 CaseType=Combination P=-17.7271694134639 V2=119.081540594603 V3=0 T=0 M2=0 M3=37.7829488703328 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR035 CaseType=Combination P=-25.9170576432904 V2=118.16713903794 V3=0 T=0 M2=0 M3=38.3743092089183 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR035 CaseType=Combination P=-25.9170576432904 V2=118.55776403794 V3=0 T=0 M2=0 M3=30.9766559877971 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR036 CaseType=Combination P=-21.6453727484481 V2=65.2345676586395 V3=0 T=0 M2=0 M3=28.8900610415338 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR036 CaseType=Combination P=-21.6453727484481 V2=65.6251926586395 V3=0 T=0 M2=0 M3=24.8006935316189 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR037 CaseType=Combination P=-29.8352609782745 V2=64.710791101976 V3=0 T=0 M2=0 M3=22.0510321242067 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR037 CaseType=Combination P=-29.8352609782745 V2=65.101416101976 V3=0 T=0 M2=0 M3=17.9944006490832 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR038 CaseType=Combination P=-17.048163926585 V2=64.7233875805862 V3=0 T=0 M2=0 M3=23.5305893989012 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR038 CaseType=Combination P=-17.048163926585 V2=65.1140125805862 V3=0 T=0 M2=0 M3=19.4731706438645 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.7822345329322 V2=135.990829376334 V3=0 T=0 M2=0 M3=44.3918494129847 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR039 CaseType=Combination P=-10.7822345329322 V2=136.381454376334 V3=0 T=0 M2=0 M3=35.8802155457139 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR040 CaseType=Combination P=-20.5452332640406 V2=136.634890577826 V3=0 T=0 M2=0 M3=54.6905773918522 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR040 CaseType=Combination P=-20.5452332640406 V2=137.025515577826 V3=0 T=0 M2=0 M3=46.138689699488 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR041 CaseType=Combination P=-30.3082319942176 V2=136.007586009631 V3=0 T=0 M2=0 M3=46.3600501909088 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR041 CaseType=Combination P=-30.3082319942176 V2=136.398211009631 V3=0 T=0 M2=0 M3=37.8473690340569 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR042 CaseType=Combination P=-25.7695043773528 V2=65.3597599965407 V3=0 T=0 M2=0 M3=32.9262079455699 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR042 CaseType=Combination P=-25.7695043773528 V2=65.7503849965407 V3=0 T=0 M2=0 M3=28.8290159145361 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR043 CaseType=Combination P=-35.5325031075299 V2=64.7324554283452 V3=0 T=0 M2=0 M3=24.5956807446266 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR043 CaseType=Combination P=-35.5325031075299 V2=65.1230804283452 V3=0 T=0 M2=0 M3=20.537695249105 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR044 CaseType=Combination P=-20.278190542018 V2=118.304906351082 V3=0 T=0 M2=0 M3=54.4435128608999 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR044 CaseType=Combination P=-20.278190542018 V2=118.695531351082 V3=0 T=0 M2=0 M3=47.0372491827073 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR045 CaseType=Combination P=-13.1299605916008 V2=118.17973551655 V3=0 T=0 M2=0 M3=39.8538664831628 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR045 CaseType=Combination P=-13.1299605916008 V2=118.57036051655 V3=0 T=0 M2=0 M3=32.4554259825785 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR046 CaseType=Combination P=-21.3198488223586 V2=118.717434215923 V3=0 T=0 M2=0 M3=48.3281625578986 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR046 CaseType=Combination P=-21.3198488223586 V2=119.108059215923 V3=0 T=0 M2=0 M3=40.8961158881535 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR047 CaseType=Combination P=-29.5097370521851 V2=118.193657659259 V3=0 T=0 M2=0 M3=41.4891336405715 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR047 CaseType=Combination P=-29.5097370521851 V2=118.584282659259 V3=0 T=0 M2=0 M3=34.0898230056178 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR048 CaseType=Combination P=-25.2380521573428 V2=65.2610862799586 V3=0 T=0 M2=0 M3=32.004885473187 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR048 CaseType=Combination P=-25.2380521573428 V2=65.6517112799586 V3=0 T=0 M2=0 M3=27.9138605494396 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR049 CaseType=Combination P=-33.4279403871693 V2=64.7373097232951 V3=0 T=0 M2=0 M3=25.1658565558598 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR049 CaseType=Combination P=-33.4279403871693 V2=65.1279347232951 V3=0 T=0 M2=0 M3=21.1075676669039 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR050 CaseType=Combination P=-17.7368183690243 V2=65.2676002999662 V3=0 T=0 M2=0 M3=24.5086799094748 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR050 CaseType=Combination P=-17.7368183690243 V2=65.6582252999662 V3=0 T=0 M2=0 M3=20.4172478594777 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR051 CaseType=Combination P=-13.8186150340401 V2=118.72394823593 V3=0 T=0 M2=0 M3=40.8319569941865 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR051 CaseType=Combination P=-13.8186150340401 V2=119.11457323593 V3=0 T=0 M2=0 M3=33.3995031981909 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR052 CaseType=Combination P=-22.0085032647979 V2=119.261646935303 V3=0 T=0 M2=0 M3=49.3062730684723 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR052 CaseType=Combination P=-22.0085032647979 V2=119.652271935303 V3=0 T=0 M2=0 M3=41.8401931037659 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR053 CaseType=Combination P=-30.1983914946243 V2=118.737870378639 V3=0 T=0 M2=0 M3=42.4672241511452 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR053 CaseType=Combination P=-30.1983914946243 V2=119.128495378639 V3=0 T=0 M2=0 M3=35.0339002212302 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR054 CaseType=Combination P=-25.926706599782 V2=65.8052989993386 V3=0 T=0 M2=0 M3=32.9829759837606 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR054 CaseType=Combination P=-25.926706599782 V2=66.1959239993386 V3=0 T=0 M2=0 M3=28.857937765052 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR055 CaseType=Combination P=-34.1165948296085 V2=65.2815224426751 V3=0 T=0 M2=0 M3=26.1439470664335 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR055 CaseType=Combination P=-34.1165948296085 V2=65.6721474426751 V3=0 T=0 M2=0 M3=22.0516448825163 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR056 CaseType=Combination P=-16.3595094841458 V2=64.1791748612062 V3=0 T=0 M2=0 M3=22.5524988883275 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR056 CaseType=Combination P=-16.3595094841458 V2=64.5697998612062 V3=0 T=0 M2=0 M3=18.5290934282521 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR057 CaseType=Combination P=-12.4413061491616 V2=117.63552279717 V3=0 T=0 M2=0 M3=38.8757759730392 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR057 CaseType=Combination P=-12.4413061491616 V2=118.02614779717 V3=0 T=0 M2=0 M3=31.511348766966 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR058 CaseType=Combination P=-20.6311943799194 V2=118.173221496543 V3=0 T=0 M2=0 M3=47.350072047325 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR058 CaseType=Combination P=-20.6311943799194 V2=118.563846496543 V3=0 T=0 M2=0 M3=39.9520386725411 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR059 CaseType=Combination P=-28.8210826097459 V2=117.649444939879 V3=0 T=0 M2=0 M3=40.5110431299978 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR059 CaseType=Combination P=-28.8210826097459 V2=118.040069939879 V3=0 T=0 M2=0 M3=33.1457457900054 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR060 CaseType=Combination P=-24.5493977149036 V2=64.7168735605786 V3=0 T=0 M2=0 M3=31.0267949626133 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR060 CaseType=Combination P=-24.5493977149036 V2=65.1074985605786 V3=0 T=0 M2=0 M3=26.969783338272 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR061 CaseType=Combination P=-32.73928594473 V2=64.1930970039151 V3=0 T=0 M2=0 M3=24.1877660452862 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR061 CaseType=Combination P=-32.73928594473 V2=64.5837220039151 V3=0 T=0 M2=0 M3=20.1634904512915 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR062 CaseType=Combination P=-18.6637759193933 V2=64.7353128869552 V3=0 T=0 M2=0 M3=24.9313121282413 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR062 CaseType=Combination P=-18.6637759193933 V2=65.1259378869552 V3=0 T=0 M2=0 M3=20.8731480415566 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR063 CaseType=Combination P=-14.7455725844091 V2=118.191660822919 V3=0 T=0 M2=0 M3=41.254589212953 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR063 CaseType=Combination P=-14.7455725844091 V2=118.582285822919 V3=0 T=0 M2=0 M3=33.8554033802705 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR064 CaseType=Combination P=-22.9354608151669 V2=118.729359522292 V3=0 T=0 M2=0 M3=49.7288852872388 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR064 CaseType=Combination P=-22.9354608151669 V2=119.119984522292 V3=0 T=0 M2=0 M3=42.2960932858456 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR065 CaseType=Combination P=-31.1253490449934 V2=118.205582965628 V3=0 T=0 M2=0 M3=42.8898563699117 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR065 CaseType=Combination P=-31.1253490449934 V2=118.596207965628 V3=0 T=0 M2=0 M3=35.4898004033099 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR066 CaseType=Combination P=-26.8536641501511 V2=65.2730115863276 V3=0 T=0 M2=0 M3=33.4056082025271 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR066 CaseType=Combination P=-26.8536641501511 V2=65.6636365863276 V3=0 T=0 M2=0 M3=29.3138379471317 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR067 CaseType=Combination P=-35.0435523799775 V2=64.7492350296641 V3=0 T=0 M2=0 M3=26.5665792852 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR067 CaseType=Combination P=-35.0435523799775 V2=65.1398600296641 V3=0 T=0 M2=0 M3=22.507545064596 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR068 CaseType=Combination P=-15.5917756297989 V2=65.6111868157088 V3=0 T=0 M2=0 M3=22.9029666693606 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR068 CaseType=Combination P=-15.5917756297989 V2=66.0018118157088 V3=0 T=0 M2=0 M3=18.7900604621288 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR069 CaseType=Combination P=-9.90840155486053 V2=136.523508917407 V3=0 T=0 M2=0 M3=44.0152757752604 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR069 CaseType=Combination P=-9.90840155486053 V2=136.914133917407 V3=0 T=0 M2=0 M3=35.4703494366724 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR070 CaseType=Combination P=-19.6714002859689 V2=137.1675701189 V3=0 T=0 M2=0 M3=54.3140037541278 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR070 CaseType=Combination P=-19.6714002859689 V2=137.5581951189 V3=0 T=0 M2=0 M3=45.7288235904466 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR071 CaseType=Combination P=-29.434399016146 V2=136.540265550704 V3=0 T=0 M2=0 M3=45.9834765531844 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR071 CaseType=Combination P=-29.434399016146 V2=136.930809550704 V3=0 T=0 M2=0 M3=37.4375029250154 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR072 CaseType=Combination P=-24.8956713992811 V2=65.8924395376143 V3=0 T=0 M2=0 M3=32.5496343078456 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR072 CaseType=Combination P=-24.8956713992811 V2=66.2830645376143 V3=0 T=0 M2=0 M3=28.4191498054947 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR073 CaseType=Combination P=-34.6586701294582 V2=65.2651349694187 V3=0 T=0 M2=0 M3=24.2191071069022 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR073 CaseType=Combination P=-34.6586701294582 V2=65.6557599694187 V3=0 T=0 M2=0 M3=20.1278291400636 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR074 CaseType=Combination P=-19.4043575639464 V2=118.837585892155 V3=0 T=0 M2=0 M3=54.0669392231756 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR074 CaseType=Combination P=-19.4043575639464 V2=119.228210892155 V3=0 T=0 M2=0 M3=46.6273830736659 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR075 CaseType=Combination P=-11.6735722948147 V2=119.067534751673 V3=0 T=0 M2=0 M3=39.2262437540723 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR075 CaseType=Combination P=-11.6735722948147 V2=119.458159751673 V3=0 T=0 M2=0 M3=31.7723158008427 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR076 CaseType=Combination P=-19.8634605255725 V2=119.605233451045 V3=0 T=0 M2=0 M3=47.7005398283581 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR076 CaseType=Combination P=-19.8634605255725 V2=119.995858451045 V3=0 T=0 M2=0 M3=40.2130057064178 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR077 CaseType=Combination P=-28.053348755399 V2=119.081456894382 V3=0 T=0 M2=0 M3=40.861510911031 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR077 CaseType=Combination P=-28.053348755399 V2=119.472081894382 V3=0 T=0 M2=0 M3=33.4067128238821 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR078 CaseType=Combination P=-23.7816638605567 V2=66.1488855150812 V3=0 T=0 M2=0 M3=31.3772627436464 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR078 CaseType=Combination P=-23.7816638605567 V2=66.5395105150812 V3=0 T=0 M2=0 M3=27.2307503677039 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR079 CaseType=Combination P=-31.9715520903832 V2=65.6251089584177 V3=0 T=0 M2=0 M3=24.5382338263193 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR079 CaseType=Combination P=-31.9715520903832 V2=66.0157339584177 V3=0 T=0 M2=0 M3=20.4244574851682 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR080 CaseType=Combination P=-14.029288209288 V2=65.5996536374024 V3=0 T=0 M2=0 M3=21.5483025210626 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR080 CaseType=Combination P=-14.029288209288 V2=65.9902786374024 V3=0 T=0 M2=0 M3=17.436117137475 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.1110848743038 V2=119.056001573366 V3=0 T=0 M2=0 M3=37.8715796057743 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR081 CaseType=Combination P=-10.1110848743038 V2=119.446626573366 V3=0 T=0 M2=0 M3=30.4183724761889 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.3009731050616 V2=119.593700272739 V3=0 T=0 M2=0 M3=46.3458756800601 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR082 CaseType=Combination P=-18.3009731050616 V2=119.984325272739 V3=0 T=0 M2=0 M3=38.8590623817639 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.4908613348881 V2=119.069923716075 V3=0 T=0 M2=0 M3=39.506846762733 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR083 CaseType=Combination P=-26.4908613348881 V2=119.460548716075 V3=0 T=0 M2=0 M3=32.0527694992283 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR084 CaseType=Combination P=-22.2191764400458 V2=66.1373523367748 V3=0 T=0 M2=0 M3=30.0225985953484 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR084 CaseType=Combination P=-22.2191764400458 V2=66.5279773367748 V3=0 T=0 M2=0 M3=25.87680704305 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR085 CaseType=Combination P=-30.4090646698723 V2=65.6135757801113 V3=0 T=0 M2=0 M3=23.1835696780213 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR085 CaseType=Combination P=-30.4090646698723 V2=66.0042007801113 V3=0 T=0 M2=0 M3=19.0705141605143 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR086 CaseType=Combination P=-17.1542630503098 V2=65.6227199940153 V3=0 T=0 M2=0 M3=24.2576308176586 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR086 CaseType=Combination P=-17.1542630503098 V2=66.0133449940153 V3=0 T=0 M2=0 M3=20.1440037867827 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR087 CaseType=Combination P=-13.2360597153256 V2=119.079067929979 V3=0 T=0 M2=0 M3=40.580979023703 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR087 CaseType=Combination P=-13.2360597153256 V2=119.469692929979 V3=0 T=0 M2=0 M3=33.1262591254966 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR088 CaseType=Combination P=-21.4259479460834 V2=119.616766629352 V3=0 T=0 M2=0 M3=49.0552039766561 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR088 CaseType=Combination P=-21.4259479460834 V2=120.007391629352 V3=0 T=0 M2=0 M3=41.5669490310716 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR089 CaseType=Combination P=-29.6158361759099 V2=119.092990072688 V3=0 T=0 M2=0 M3=42.2161750593289 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR089 CaseType=Combination P=-29.6158361759099 V2=119.483615072688 V3=0 T=0 M2=0 M3=34.7606561485359 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR090 CaseType=Combination P=-25.3441512810676 V2=66.1604186933877 V3=0 T=0 M2=0 M3=32.7319268919444 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR090 CaseType=Combination P=-25.3441512810676 V2=66.5510436933877 V3=0 T=0 M2=0 M3=28.5846936923577 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR091 CaseType=Combination P=-33.5340395108941 V2=65.6366421367242 V3=0 T=0 M2=0 M3=25.8928979746173 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR091 CaseType=Combination P=-33.5340395108941 V2=66.0276271367242 V3=0 T=0 M2=0 M3=21.778400809822 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR092 CaseType=Combination P=-17.2073876226072 V2=65.6231121220778 V3=0 T=0 M2=0 M3=24.3036993987008 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR092 CaseType=Combination P=-17.2073876226072 V2=66.0137371220778 V3=0 T=0 M2=0 M3=20.1900378598209 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR093 CaseType=Combination P=-13.289184287623 V2=119.079460058042 V3=0 T=0 M2=0 M3=40.6269664834124 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR093 CaseType=Combination P=-13.289184287623 V2=119.470085058042 V3=0 T=0 M2=0 M3=33.1722931985348 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR094 CaseType=Combination P=-21.4790725183808 V2=119.617158757414 V3=0 T=0 M2=0 M3=49.1012625576982 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR094 CaseType=Combination P=-21.4790725183808 V2=120.007783757414 V3=0 T=0 M2=0 M3=41.6129831041099  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR095 CaseType=Combination P=-29.6689607482073 V2=119.093382200751 V3=0 T=0 M2=0 M3=42.2622336403711 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR095 CaseType=Combination P=-29.6689607482073 V2=119.484007200751 V3=0 T=0 M2=0 M3=34.8066902215742  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR096 CaseType=Combination P=-25.397275853365 V2=66.1608108214503 V3=0 T=0 M2=0 M3=32.7779854729866 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR096 CaseType=Combination P=-25.397275853365 V2=66.5514358214503 V3=0 T=0 M2=0 M3=28.6307277653959 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR097 CaseType=Combination P=-33.5871640831914 V2=65.6370342647867 V3=0 T=0 M2=0 M3=25.9389565556594 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR097 CaseType=Combination P=-33.5871640831914 V2=66.0276592647867 V3=0 T=0 M2=0 M3=21.8244348828603  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR098 CaseType=Combination P=-13.2962608216681 V2=63.7971444177754 V3=0 T=0 M2=0 M3=19.6426649674484 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR098 CaseType=Combination P=-13.2962608216681 V2=64.1877694177754 V3=0 T=0 M2=0 M3=15.6431364100875  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR099 CaseType=Combination P=-8.53109266998205 V2=135.435083478647 V3=0 T=0 M2=0 M3=42.0590947541131 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR099 CaseType=Combination P=-8.53109266998205 V2=135.825708478647 V3=0 T=0 M2=0 M3=33.5821950054476  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR100 CaseType=Combination P=-18.2940914010904 V2=136.07914468014 V3=0 T=0 M2=0 M3=52.3578227329805 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR100 CaseType=Combination P=-18.2940914010904 V2=136.46976968014 V3=0 T=0 M2=0 M3=43.8406691592218 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR101 CaseType=Combination P=-28.0570901312675 V2=135.451840111944 V3=0 T=0 M2=0 M3=44.0272955320371 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR101 CaseType=Combination P=-28.0570901312675 V2=135.842465111944 V3=0 T=0 M2=0 M3=35.5493484937906  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR102 CaseType=Combination P=-23.5183625144027 V2=64.8040140988542 V3=0 T=0 M2=0 M3=30.5934532866983 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR102 CaseType=Combination P=-23.5183625144027 V2=65.1946390988542 V3=0 T=0 M2=0 M3=26.5309953742699  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR103 CaseType=Combination P=-33.2813612445797 V2=64.1767095306587 V3=0 T=0 M2=0 M3=22.2629260857549 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR103 CaseType=Combination P=-33.2813612445797 V2=64.5673345306587 V3=0 T=0 M2=0 M3=18.2396747088387  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR104 CaseType=Combination P=-18.0270486790679 V2=117.749160453395 V3=0 T=0 M2=0 M3=52.1107582020283 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR104 CaseType=Combination P=-18.0270486790679 V2=118.139785453395 V3=0 T=0 M2=0 M3=44.7392286424411  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR105 CaseType=Combination P=-9.37805748668394 V2=117.253492353739 V3=0 T=0 M2=0 M3=35.9659420521601 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR105 CaseType=Combination P=-9.37805748668394 V2=117.644117353739 V3=0 T=0 M2=0 M3=28.6253917488014  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR106 CaseType=Combination P=-17.5679457174417 V2=117.791191053112 V3=0 T=0 M2=0 M3=44.4402381264459 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR106 CaseType=Combination P=-17.5679457174417 V2=118.181816053112 V3=0 T=0 M2=0 M3=37.0660816543764  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR107 CaseType=Combination P=-25.7578339472682 V2=117.267414496448 V3=0 T=0 M2=0 M3=37.6012092091187 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR107 CaseType=Combination P=-25.7578339472682 V2=117.658039496448 V3=0 T=0 M2=0 M3=30.2597887718407  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR108 CaseType=Combination P=-21.4861490524259 V2=64.3348431171478 V3=0 T=0 M2=0 M3=28.1169610417342 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR108 CaseType=Combination P=-21.4861490524259 V2=64.7254681171478 V3=0 T=0 M2=0 M3=24.0838263156625  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR109 CaseType=Combination P=-29.6760372822524 V2=63.8110665604843 V3=0 T=0 M2=0 M3=21.2779321244071 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR109 CaseType=Combination P=-29.6760372822524 V2=64.2016915604843 V3=0 T=0 M2=0 M3=17.2775334331268  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR110 CaseType=Combination P=-11.7337734011572 V2=63.7856112394689 V3=0 T=0 M2=0 M3=18.2880008191504 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR110 CaseType=Combination P=-11.7337734011572 V2=64.1762362394689 V3=0 T=0 M2=0 M3=14.2891930854336  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR111 CaseType=Combination P=-7.81557006617305 V2=117.241959175433 V3=0 T=0 M2=0 M3=34.6112779038621 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR111 CaseType=Combination P=-7.81557006617305 V2=117.632584175433 V3=0 T=0 M2=0 M3=27.2714484241475  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR112 CaseType=Combination P=-16.0054582969308 V2=117.779657874805 V3=0 T=0 M2=0 M3=43.085579781479 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR112 CaseType=Combination P=-16.0054582969308 V2=118.170282874805 V3=0 T=0 M2=0 M3=35.7121383297225  
FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR113 CaseType=Combination P=-24.1953465267573 V2=117.255881318142 V3=0 T=0 M2=0 M3=36.2465450608208 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR113 CaseType=Combination P=-24.1953465267573 V2=117.646506318142 V3=0 T=0 M2=0 M3=28.9058454471869 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR114 CaseType=Combination P=-19.923661631915 V2=64.3233099388414 V3=0 T=0 M2=0 M3=26.7622968934362 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR114 CaseType=Combination P=-19.923661631915 V2=64.7139349388414 V3=0 T=0 M2=0 M3=22.7298829910086 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR115 CaseType=Combination P=-28.1135498617415 V2=63.7995333821779 V3=0 T=0 M2=0 M3=19.9232679761091 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR115 CaseType=Combination P=-28.1135498617415 V2=64.1901583821779 V3=0 T=0 M2=0 M3=15.923590108473 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR116 CaseType=Combination P=-14.858748242179 V2=63.8086775960819 V3=0 T=0 M2=0 M3=20.9973291157464 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR116 CaseType=Combination P=-14.858748242179 V2=64.1993025960819 V3=0 T=0 M2=0 M3=16.9970797347413 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR117 CaseType=Combination P=-10.9405449071948 V2=117.265025532046 V3=0 T=0 M2=0 M3=37.3206062004581 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR117 CaseType=Combination P=-10.9405449071948 V2=117.655650532046 V3=0 T=0 M2=0 M3=29.9793350734552 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR118 CaseType=Combination P=-19.1304331379526 V2=117.802724231418 V3=0 T=0 M2=0 M3=45.7949022747439 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR118 CaseType=Combination P=-19.1304331379526 V2=118.193349231418 V3=0 T=0 M2=0 M3=38.4200249790302 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR119 CaseType=Combination P=-27.3203213677791 V2=117.278947674755 V3=0 T=0 M2=0 M3=38.9558733574167 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR119 CaseType=Combination P=-27.3203213677791 V2=117.669572674755 V3=0 T=0 M2=0 M3=31.6137320964946 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR120 CaseType=Combination P=-23.0486364729368 V2=64.3463672954543 V3=0 T=0 M2=0 M3=29.4716251900322 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR120 CaseType=Combination P=-23.0486364729368 V2=64.7370012954543 V3=0 T=0 M2=0 M3=25.4377696403163 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR121 CaseType=Combination P=-31.2385247027633 V2=63.8225997387908 V3=0 T=0 M2=0 M3=22.6325962727051 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR121 CaseType=Combination P=-31.2385247027633 V2=64.2132247387908 V3=0 T=0 M2=0 M3=18.6314767577807 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR122 CaseType=Combination P=-14.9118728144764 V2=63.8090697241444 V3=0 T=0 M2=0 M3=21.0433876967886 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR122 CaseType=Combination P=-14.9118728144764 V2=64.1996947241444 V3=0 T=0 M2=0 M3=17.0431138077795 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR123 CaseType=Combination P=-10.9936694794922 V2=117.265417660108 V3=0 T=0 M2=0 M3=37.3666647815002 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR123 CaseType=Combination P=-10.9936694794922 V2=117.656042660108 V3=0 T=0 M2=0 M3=30.0253691464935 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR124 CaseType=Combination P=-19.18355771025 V2=117.803116359481 V3=0 T=0 M2=0 M3=45.840960855786 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR124 CaseType=Combination P=-19.18355771025 V2=118.193741359481 V3=0 T=0 M2=0 M3=38.4660590520685 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR125 CaseType=Combination P=-27.3734459400765 V2=117.279339802817 V3=0 T=0 M2=0 M3=39.0019319384589 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR125 CaseType=Combination P=-27.3734459400765 V2=117.669964802817 V3=0 T=0 M2=0 M3=31.6597661695328 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR126 CaseType=Combination P=-23.1017610452342 V2=64.3467684235168 V3=0 T=0 M2=0 M3=29.5176837710744 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR126 CaseType=Combination P=-23.1017610452342 V2=64.7373934235168 V3=0 T=0 M2=0 M3=25.4838037133546 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR127 CaseType=Combination P=-31.2916492750606 V2=63.8229918668533 V3=0 T=0 M2=0 M3=22.6786548537472 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR127 CaseType=Combination P=-31.2916492750606 V2=64.2136168668533 V3=0 T=0 M2=0 M3=18.6775108308189 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR128 CaseType=Combination P=-17.136704880414 V2=64.7240411273572 V3=0 T=0 M2=0 M3=23.6073537006381 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR128 CaseType=Combination P=-17.136704880414 V2=65.1146661273572 V3=0 T=0 M2=0 M3=19.5498940989283 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.8353591052296 V2=135.991221504396 V3=0 T=0 M2=0 M3=44.4379079940269 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR129 CaseType=Combination P=-10.8353591052296 V2=136.381846504396 V3=0 T=0 M2=0 M3=35.9262496187521 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR130 CaseType=Combination P=-20.5983578363379 V2=136.635282705889 V3=0 T=0 M2=0 M3=54.7366359728943 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR130 CaseType=Combination P=-20.5983578363379 V2=137.025907705889 V3=0 T=0 M2=0 M3=46.1847237725263 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR131 CaseType=Combination P=-30.361356566515 V2=136.007978137693 V3=0 T=0 M2=0 M3=46.4061087719509 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR131 CaseType=Combination P=-30.361356566515 V2=136.398603137693 V3=0 T=0 M2=0 M3=37.8934031070951 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR132 CaseType=Combination P=-25.8226289496502 V2=65.3601521246033 V3=0 T=0 M2=0 M3=32.9722665266121 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR132 CaseType=Combination P=-25.8226289496502 V2=65.7507771246033 V3=0 T=0 M2=0 M3=28.8750499875744 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR133 CaseType=Combination P=-35.5856276798272 V2=64.7328475564077 V3=0 T=0 M2=0 M3=24.6417393256687 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR133 CaseType=Combination P=-35.5856276798272 V2=65.1234725564077 V3=0 T=0 M2=0 M3=20.5837293221432 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR134 CaseType=Combination P=-20.3313151143154 V2=118.305298479144 V3=0 T=0 M2=0 M3=54.4895714419421 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR134 CaseType=Combination P=-20.3313151143154 V2=118.695923479144 V3=0 T=0 M2=0 M3=47.0832832557456 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR135 CaseType=Combination P=-13.2185015454298 V2=118.180389063321 V3=0 T=0 M2=0 M3=39.9306307853498 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR135 CaseType=Combination P=-13.2185015454298 V2=118.571014063321 V3=0 T=0 M2=0 M3=32.5321494376422 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR136 CaseType=Combination P=-21.4083897761876 V2=118.718087762694 V3=0 T=0 M2=0 M3=48.4049268596356 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR136 CaseType=Combination P=-21.4083897761876 V2=119.108712762694 V3=0 T=0 M2=0 M3=40.9728393432172 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR137 CaseType=Combination P=-29.598278006014 V2=118.19431120603 V3=0 T=0 M2=0 M3=41.5658979423084 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR137 CaseType=Combination P=-29.598278006014 V2=118.58493620603 V3=0 T=0 M2=0 M3=34.1665464606816 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR138 CaseType=Combination P=-25.3265931111717 V2=65.2617398267296 V3=0 T=0 M2=0 M3=32.0816497749239 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR138 CaseType=Combination P=-25.3265931111717 V2=65.6523648267296 V3=0 T=0 M2=0 M3=27.9905840045033 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR139 CaseType=Combination P=-33.5164813409982 V2=64.7379632700661 V3=0 T=0 M2=0 M3=25.2426208575968 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR139 CaseType=Combination P=-33.5164813409982 V2=65.1285882700661 V3=0 T=0 M2=0 M3=21.1842911219676 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR140 CaseType=Combination P=-15.5742174599031 V2=64.7125079490507 V3=0 T=0 M2=0 M3=22.2526895523401 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR140 CaseType=Combination P=-15.5742174599031 V2=65.1031329490507 V3=0 T=0 M2=0 M3=18.1959507742744 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR141 CaseType=Combination P=-11.6560141249189 V2=118.168855885015 V3=0 T=0 M2=0 M3=38.5759666370518 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR141 CaseType=Combination P=-11.6560141249189 V2=118.559480885015 V3=0 T=0 M2=0 M3=31.1782061129884 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR142 CaseType=Combination P=-19.8459023556767 V2=118.706554584387 V3=0 T=0 M2=0 M3=47.0502627113376 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR142 CaseType=Combination P=-19.8459023556767 V2=119.097179584387 V3=0 T=0 M2=0 M3=39.6188960185634 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR143 CaseType=Combination P=-28.0357905855031 V2=118.182778027724 V3=0 T=0 M2=0 M3=40.2112337940104 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR143 CaseType=Combination P=-28.0357905855031 V2=118.573403027724 V3=0 T=0 M2=0 M3=32.8126031360277 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR144 CaseType=Combination P=-23.7641056906608 V2=65.2502066484231 V3=0 T=0 M2=0 M3=30.7269856266259 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR144 CaseType=Combination P=-23.7641056906608 V2=65.6408316484231 V3=0 T=0 M2=0 M3=26.6366406798495 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR145 CaseType=Combination P=-31.9539939204873 V2=64.7264300917596 V3=0 T=0 M2=0 M3=23.8879567092988 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR145 CaseType=Combination P=-31.9539939204873 V2=65.1170550917596 V3=0 T=0 M2=0 M3=19.8303477973138 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR146 CaseType=Combination P=-18.6991923009249 V2=64.7355743056636 V3=0 T=0 M2=0 M3=24.9620178489361 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR146 CaseType=Combination P=-18.6991923009249 V2=65.1261993056636 V3=0 T=0 M2=0 M3=20.9038374235821 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR147 CaseType=Combination P=-14.7809889659407 V2=118.191922241628 V3=0 T=0 M2=0 M3=41.2852949336478 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR147 CaseType=Combination P=-14.7809889659407 V2=118.582547241628 V3=0 T=0 M2=0 M3=33.886092762296 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR148 CaseType=Combination P=-22.9708771966985 V2=118.729620941 V3=0 T=0 M2=0 M3=49.7595910079336 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR148 CaseType=Combination P=-22.9708771966985 V2=119.120245941 V3=0 T=0 M2=0 M3=42.3267826678711 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR149 CaseType=Combination P=-31.1607654265249 V2=118.205844384337 V3=0 T=0 M2=0 M3=42.9205620906064 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR149 CaseType=Combination P=-31.1607654265249 V2=118.596469384337 V3=0 T=0 M2=0 M3=35.5204897853354 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR150 CaseType=Combination P=-26.8890805316826 V2=65.273273005036 V3=0 T=0 M2=0 M3=33.4363139232219 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR150 CaseType=Combination P=-26.8890805316826 V2=65.663898005036 V3=0 T=0 M2=0 M3=29.3445273291572 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR151 CaseType=Combination P=-35.0789687615091 V2=64.7494964483725 V3=0 T=0 M2=0 M3=26.5972850058948 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR151 CaseType=Combination P=-35.0789687615091 V2=65.1401214483725 V3=0 T=0 M2=0 M3=22.5382344466215 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR152 CaseType=Combination P=-17.8253593228532 V2=65.2682538467372 V3=0 T=0 M2=0 M3=24.5854442112118 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR152 CaseType=Combination P=-17.8253593228532 V2=65.6588788467372 V3=0 T=0 M2=0 M3=20.4939713145407 FrameElem=41-1 ElemStation=0.0625

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Frame=41 Station=0 OutputCase=RAR153 CaseType=Combination P=-13.907155987869 V2=118.724601782701 V3=0 T=0 M2=0 M3=40.9087212959234 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR153 CaseType=Combination P=-13.907155987869 V2=119.115226782701 V3=0 T=0 M2=0 M3=33.4762266532546 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR154 CaseType=Combination P=-22.0970442186268 V2=119.262300482074 V3=0 T=0 M2=0 M3=49.3830173702092 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR154 CaseType=Combination P=-22.0970442186268 V2=119.652925482074 V3=0 T=0 M2=0 M3=41.9169165588296 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR155 CaseType=Combination P=-30.2869324484533 V2=118.73852392541 V3=0 T=0 M2=0 M3=42.5439884528821 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR155 CaseType=Combination P=-30.2869324484533 V2=119.12914892541 V3=0 T=0 M2=0 M3=35.110623676294 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR156 CaseType=Combination P=-26.015247553611 V2=65.8059525461096 V3=0 T=0 M2=0 M3=33.0597402854976 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR156 CaseType=Combination P=-26.015247553611 V2=66.1965775461096 V3=0 T=0 M2=0 M3=28.9346612201157 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR157 CaseType=Combination P=-34.2051357834375 V2=65.2821759894461 V3=0 T=0 M2=0 M3=26.2207113681704 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR157 CaseType=Combination P=-34.2051357834375 V2=65.6728009894461 V3=0 T=0 M2=0 M3=22.1283683375801 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR158 CaseType=Combination P=-16.4480504379747 V2=64.1798284079771 V3=0 T=0 M2=0 M3=22.6292631900644 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR158 CaseType=Combination P=-16.4480504379747 V2=64.5704534079771 V3=0 T=0 M2=0 M3=18.6058168833159 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR159 CaseType=Combination P=-12.5298471029905 V2=117.636176343941 V3=0 T=0 M2=0 M3=38.9525402747761 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR159 CaseType=Combination P=-12.5298471029905 V2=118.026801343941 V3=0 T=0 M2=0 M3=31.5880722220298 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR160 CaseType=Combination P=-20.7197353337483 V2=118.173875043314 V3=0 T=0 M2=0 M3=47.4268363490619 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR160 CaseType=Combination P=-20.7197353337483 V2=118.564500043314 V3=0 T=0 M2=0 M3=40.0287621276048 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR161 CaseType=Combination P=-28.9096235635748 V2=117.65009848665 V3=0 T=0 M2=0 M3=40.5878074317348 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR161 CaseType=Combination P=-28.9096235635748 V2=118.04072348665 V3=0 T=0 M2=0 M3=33.2224692450691 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR162 CaseType=Combination P=-24.6379386687325 V2=64.7175271073496 V3=0 T=0 M2=0 M3=31.1035592643502 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR162 CaseType=Combination P=-24.6379386687325 V2=65.1081521073496 V3=0 T=0 M2=0 M3=27.046507888909 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=RAR163 CaseType=Combination P=-32.827826898559 V2=64.193750550686 V3=0 T=0 M2=0 M3=24.2645303470231 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=RAR163 CaseType=Combination P=-32.827826898559 V2=64.584375550686 V3=0 T=0 M2=0 M3=20.2402139063552 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474745861 V2=137.1675701189 V3=0 T=0 M2=0 M3=54.7366359728943 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474745861 V2=137.5581951189 V3=0 T=0 M2=0 M3=47.0832832557456 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276798272 V2=63.7856112394689 V3=0 T=0 M2=0 M3=18.0369517273342 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276798272 V2=64.1762362394689 V3=0 T=0 M2=0 M3=14.0159490127393 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE01 CaseType=Combination P=-21.3851316842142 V2=64.7095842876879 V3=0 T=0 M2=0 M3=21.9092821124671 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE01 CaseType=Combination P=-21.3851316842142 V2=65.1002092876879 V3=0 T=0 M2=0 M3=17.8527260632366 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.5258148907493 V2=118.160513552706 V3=0 T=0 M2=0 M3=37.5960929031162 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE02 CaseType=Combination P=-10.5258148907493 V2=118.551138552706 V3=0 T=0 M2=0 M3=30.1988537748221 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.7157031215071 V2=118.698212252079 V3=0 T=0 M2=0 M3=46.070388977402 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE03 CaseType=Combination P=-18.7157031215071 V2=119.088837252079 V3=0 T=0 M2=0 M3=38.6395436803971 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.9055913513336 V2=118.174435695415 V3=0 T=0 M2=0 M3=39.2313600600748 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE04 CaseType=Combination P=-26.9055913513336 V2=118.565060695415 V3=0 T=0 M2=0 M3=31.8332507978614 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE05 CaseType=Combination P=-22.6339064564913 V2=65.2418643161145 V3=0 T=0 M2=0 M3=29.7471118926903 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE05 CaseType=Combination P=-22.6339064564913 V2=65.6324893161145 V3=0 T=0 M2=0 M3=25.6572883416832 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE06 CaseType=Combination P=-30.8237946863178 V2=64.718087759451 V3=0 T=0 M2=0 M3=22.9080829753632 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE06 CaseType=Combination P=-30.8237946863178 V2=65.108712759451 V3=0 T=0 M2=0 M3=18.8509954591475 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE07 CaseType=Combination P=-12.8815308052226 V2=64.6926234384357 V3=0 T=0 M2=0 M3=19.9181516701065 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE07 CaseType=Combination P=-12.8815308052226 V2=65.0832574384357 V3=0 T=0 M2=0 M3=15.8626551114543 FrameElem=41-1 ElemStation=0.0625

PROGETTO SDR  
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3782004RCECOAIDA11000000100

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Frame=41 Station=0 OutputCase=FRE08 CaseType=Combination P=-9.2237420403236 V2=118.150902570784 V3=0 T=0 M2=0 M3=36.4672061128679 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE08 CaseType=Combination P=-9.2237420403236 V2=118.541527570784 V3=0 T=0 M2=0 M3=29.0705676709439 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE09 CaseType=Combination P=-17.4136302710814 V2=118.688601270156 V3=0 T=0 M2=0 M3=44.9415021871537 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE09 CaseType=Combination P=-17.4136302710814 V2=119.079226270156 V3=0 T=0 M2=0 M3=37.5112575765189 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE10 CaseType=Combination P=-25.6035185009079 V2=118.164824713493 V3=0 T=0 M2=0 M3=38.1024732698265 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE10 CaseType=Combination P=-25.6035185009079 V2=118.55449713493 V3=0 T=0 M2=0 M3=30.7049646939832 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE11 CaseType=Combination P=-21.3318336060656 V2=65.2322533341925 V3=0 T=0 M2=0 M3=28.618225102442 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE11 CaseType=Combination P=-21.3318336060656 V2=65.6228783341925 V3=0 T=0 M2=0 M3=24.529002237805 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE12 CaseType=Combination P=-29.521721835892 V2=64.708476777529 V3=0 T=0 M2=0 M3=21.7791961851149 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE12 CaseType=Combination P=-29.521721835892 V2=65.099101777529 V3=0 T=0 M2=0 M3=17.7227093552693 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE13 CaseType=Combination P=-13.4554095072553 V2=65.146143037919 V3=0 T=0 M2=0 M3=20.7332270955846 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE13 CaseType=Combination P=-13.4554095072553 V2=65.536768037919 V3=0 T=0 M2=0 M3=16.6493861244646 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE14 CaseType=Combination P=-12.3076521031899 V2=64.2391218389523 V3=0 T=0 M2=0 M3=19.1030762446285 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE14 CaseType=Combination P=-12.3076521031899 V2=64.6297468389523 V3=0 T=0 M2=0 M3=15.075924098444 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE15 CaseType=Combination P=-14.2278741325628 V2=64.7025701937432 V3=0 T=0 M2=0 M3=21.0854206112233 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE15 CaseType=Combination P=-14.2278741325628 V2=65.0931951937432 V3=0 T=0 M2=0 M3=17.0293029428644 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE16 CaseType=Combination P=-16.0065056462444 V2=64.7156987950486 V3=0 T=0 M2=0 M3=22.6274799667025 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE16 CaseType=Combination P=-16.0065056462444 V2=65.1063237950486 V3=0 T=0 M2=0 M3=18.570541760762 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE17 CaseType=Combination P=-11.8278877411751 V2=118.170124534628 V3=0 T=0 M2=0 M3=38.7249796933645 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE17 CaseType=Combination P=-11.8278877411751 V2=118.560749534628 V3=0 T=0 M2=0 M3=31.3271398787003 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE18 CaseType=Combination P=-20.0177759719329 V2=118.707823234001 V3=0 T=0 M2=0 M3=47.1992757676503 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE18 CaseType=Combination P=-20.0177759719329 V2=119.098448234001 V3=0 T=0 M2=0 M3=39.7678297842753 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE19 CaseType=Combination P=-28.2076642017593 V2=118.184046677337 V3=0 T=0 M2=0 M3=40.3602468503232 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE19 CaseType=Combination P=-28.2076642017593 V2=118.574671677337 V3=0 T=0 M2=0 M3=32.9615369017396 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE20 CaseType=Combination P=-23.9359793069171 V2=65.2514752980366 V3=0 T=0 M2=0 M3=30.8759986829387 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE20 CaseType=Combination P=-23.9359793069171 V2=65.6421002980366 V3=0 T=0 M2=0 M3=26.7855744455614 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE21 CaseType=Combination P=-32.1258675367435 V2=64.727698741373 V3=0 T=0 M2=0 M3=24.0369697656115 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE21 CaseType=Combination P=-32.1258675367435 V2=65.118323741373 V3=0 T=0 M2=0 M3=19.9792815630257 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE22 CaseType=Combination P=-16.5803843482771 V2=65.1692093945319 V3=0 T=0 M2=0 M3=23.4425553921806 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE22 CaseType=Combination P=-16.5803843482771 V2=65.5598343945319 V3=0 T=0 M2=0 M3=19.3572727737723 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE23 CaseType=Combination P=-15.4326269442117 V2=64.2621881955652 V3=0 T=0 M2=0 M3=21.8124045412245 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE23 CaseType=Combination P=-15.4326269442117 V2=64.6528131955652 V3=0 T=0 M2=0 M3=17.7838107477516 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE24 CaseType=Combination P=-17.3528489735846 V2=64.7256365503561 V3=0 T=0 M2=0 M3=23.7947489078193 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE24 CaseType=Combination P=-17.3528489735846 V2=65.1162615503561 V3=0 T=0 M2=0 M3=19.7371895921721 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE25 CaseType=Combination P=-15.1326726681728 V2=65.2483783361221 V3=0 T=0 M2=0 M3=22.2509063289782 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE25 CaseType=Combination P=-15.1326726681728 V2=65.6390033361221 V3=0 T=0 M2=0 M3=18.1606756517206 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE26 CaseType=Combination P=-11.099693592782 V2=118.614024152189 V3=0 T=0 M2=0 M3=38.4111683285942 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE26 CaseType=Combination P=-11.099693592782 V2=119.004649152189 V3=0 T=0 M2=0 M3=30.9855847878324 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE27 CaseType=Combination P=-19.2895818235398 V2=119.151722851562 V3=0 T=0 M2=0 M3=46.88546440288 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE27 CaseType=Combination P=-19.2895818235398 V2=119.542347851562 V3=0 T=0 M2=0 M3=39.4262746934074 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=FRE28 CaseType=Combination P=-27.4794700533663 V2=118.627946294898 V3=0 T=0 M2=0 M3=40.0464354855529 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE28 CaseType=Combination P=-27.4794700533663 V2=119.018571294898 V3=0 T=0 M2=0 M3=32.6199818108718 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE29 CaseType=Combination P=-23.207785158524 V2=65.6953749155979 V3=0 T=0 M2=0 M3=30.5621873181684 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE29 CaseType=Combination P=-23.207785158524 V2=66.085999155979 V3=0 T=0 M2=0 M3=26.4440193546935 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE30 CaseType=Combination P=-31.3976733883505 V2=65.1715983589344 V3=0 T=0 M2=0 M3=23.7231584008412 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE30 CaseType=Combination P=-31.3976733883505 V2=65.5622233589344 V3=0 T=0 M2=0 M3=19.6377264721578 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE31 CaseType=Combination P=-13.830599817747 V2=65.2387673542001 V3=0 T=0 M2=0 M3=21.1220195387299 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE31 CaseType=Combination P=-13.830599817747 V2=65.6293923542001 V3=0 T=0 M2=0 M3=17.0323895478424 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE32 CaseType=Combination P=-16.4347455185985 V2=65.2579893180442 V3=0 T=0 M2=0 M3=23.3797931192265 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE32 CaseType=Combination P=-16.4347455185985 V2=65.6486143180442 V3=0 T=0 M2=0 M3=19.2889617555988 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE33 CaseType=Combination P=-16.479015995513 V2=65.2583160914297 V3=0 T=0 M2=0 M3=23.418175270095 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE33 CaseType=Combination P=-16.479015995513 V2=65.6489410914297 V3=0 T=0 M2=0 M3=19.3273234831306 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE34 CaseType=Combination P=-13.7553637832943 V2=64.1599528973621 V3=0 T=0 M2=0 M3=20.2947253078309 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE34 CaseType=Combination P=-13.7553637832943 V2=64.5505778973621 V3=0 T=0 M2=0 M3=16.2725212204957 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE35 CaseType=Combination P=-9.95193618871664 V2=117.707002953223 V3=0 T=0 M2=0 M3=36.7810174776381 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE35 CaseType=Combination P=-9.95193618871664 V2=118.097627953223 V3=0 T=0 M2=0 M3=29.4121227618117 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.1418244194744 V2=118.244701652595 V3=0 T=0 M2=0 M3=45.2553135519239 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE36 CaseType=Combination P=-18.1418244194744 V2=118.635326652595 V3=0 T=0 M2=0 M3=37.8528126673867 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.3317126493009 V2=117.720295095932 V3=0 T=0 M2=0 M3=38.4162846345968 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE37 CaseType=Combination P=-26.3317126493009 V2=118.111550095932 V3=0 T=0 M2=0 M3=31.0465197848511 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE38 CaseType=Combination P=-22.0600277544586 V2=64.7883537166312 V3=0 T=0 M2=0 M3=28.9320364672123 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE38 CaseType=Combination P=-22.0600277544586 V2=65.1789787166312 V3=0 T=0 M2=0 M3=24.8705573286728 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE39 CaseType=Combination P=-30.2499159842851 V2=64.2645771599677 V3=0 T=0 M2=0 M3=22.0930075498851 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE39 CaseType=Combination P=-30.2499159842851 V2=64.6552021599677 V3=0 T=0 M2=0 M3=18.0642644461372 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE40 CaseType=Combination P=-12.4532909328685 V2=64.15034191544 V3=0 T=0 M2=0 M3=19.1658385175825 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE40 CaseType=Combination P=-12.4532909328685 V2=64.54096691544 V3=0 T=0 M2=0 M3=15.1442351166175 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE41 CaseType=Combination P=-15.05743663372 V2=64.1695638792841 V3=0 T=0 M2=0 M3=21.4236120980792 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE41 CaseType=Combination P=-15.05743663372 V2=64.5601888792841 V3=0 T=0 M2=0 M3=17.4008073243739 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE42 CaseType=Combination P=-15.1017071106345 V2=64.1698906526696 V3=0 T=0 M2=0 M3=21.4619942489477 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE42 CaseType=Combination P=-15.1017071106345 V2=64.5605156526696 V3=0 T=0 M2=0 M3=17.4391690519058 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE43 CaseType=Combination P=-16.0596302185418 V2=64.7160909231111 V3=0 T=0 M2=0 M3=22.6735385477447 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE43 CaseType=Combination P=-16.0596302185418 V2=65.1067159231111 V3=0 T=0 M2=0 M3=18.6165758338002 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE44 CaseType=Combination P=-11.8721582180896 V2=118.170451308014 V3=0 T=0 M2=0 M3=38.763361844233 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE44 CaseType=Combination P=-11.8721582180896 V2=118.561076308014 V3=0 T=0 M2=0 M3=31.3655016062321 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE45 CaseType=Combination P=-20.0620464488474 V2=118.708150007386 V3=0 T=0 M2=0 M3=47.2376579185188 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE45 CaseType=Combination P=-20.0620464488474 V2=119.098775007386 V3=0 T=0 M2=0 M3=39.8061915118072 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE46 CaseType=Combination P=-28.2519346786738 V2=118.184373450723 V3=0 T=0 M2=0 M3=40.3986290011916 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE46 CaseType=Combination P=-28.2519346786738 V2=118.574998450723 V3=0 T=0 M2=0 M3=32.9998986292715 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE47 CaseType=Combination P=-23.9802497838315 V2=65.251802071422 V3=0 T=0 M2=0 M3=30.9143806338071 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE47 CaseType=Combination P=-23.9802497838315 V2=65.642427071422 V3=0 T=0 M2=0 M3=26.8239361730932 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=FRE48 CaseType=Combination P=-32.170138013658 V2=64.7280255147585 V3=0 T=0 M2=0 M3=24.07535191648 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE48 CaseType=Combination P=-32.170138013658 V2=65.1186505147585 V3=0 T=0 M2=0 M3=20.0176432905576 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE49 CaseType=Combination P=-17.3617030689675 V2=64.7257019050332 V3=0 T=0 M2=0 M3=23.802425337993 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE49 CaseType=Combination P=-17.3617030689675 V2=65.1163269050332 V3=0 T=0 M2=0 M3=19.7448619376784 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE50 CaseType=Combination P=-16.6335089205745 V2=65.1696015225945 V3=0 T=0 M2=0 M3=23.4886139732227 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE50 CaseType=Combination P=-16.6335089205745 V2=65.5602265225945 V3=0 T=0 M2=0 M3=19.4033068468106 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=FRE51 CaseType=Combination P=-15.4857515165091 V2=64.2625803236278 V3=0 T=0 M2=0 M3=21.8584631222666 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=FRE51 CaseType=Combination P=-15.4857515165091 V2=64.6532053236278 V3=0 T=0 M2=0 M3=17.8298448207899 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.2237420403236 V2=119.151722851562 V3=0 T=0 M2=0 M3=47.2376579185188  
FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.2237420403236 V2=119.542347851562 V3=0 T=0 M2=0 M3=39.8061915118072  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.170138013658 V2=64.15034191544 V3=0 T=0 M2=0 M3=19.1030762446285  
FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.170138013658 V2=64.54096691544 V3=0 T=0 M2=0 M3=15.075924098444  
FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE01 CaseType=Combination P=-17.9145749545082 V2=64.4909730946747 V3=0 T=0 M2=0 M3=18.9082817519261 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE01 CaseType=Combination P=-17.9145749545082 V2=64.8815980946747 V3=0 T=0 M2=0 M3=14.8653889022589 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE02 CaseType=Combination P=-16.6125021040824 V2=64.4813621127527 V3=0 T=0 M2=0 M3=17.7793949616778 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE02 CaseType=Combination P=-16.6125021040824 V2=64.8719871127527 V3=0 T=0 M2=0 M3=13.7371027983807 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE03 CaseType=Combination P=-19.2166478049339 V2=64.5005840765967 V3=0 T=0 M2=0 M3=20.0371685421744 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE03 CaseType=Combination P=-19.2166478049339 V2=64.8912090765967 V3=0 T=0 M2=0 M3=15.9936750061371 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE04 CaseType=Combination P=-18.4884536565409 V2=64.9444836941581 V3=0 T=0 M2=0 M3=19.7233571774042 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE04 CaseType=Combination P=-18.4884536565409 V2=65.3351086941581 V3=0 T=0 M2=0 M3=15.6521199152693 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE05 CaseType=Combination P=-17.3406962524755 V2=64.0374624951913 V3=0 T=0 M2=0 M3=18.093206326448 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE05 CaseType=Combination P=-17.3406962524755 V2=64.4280874951913 V3=0 T=0 M2=0 M3=14.0786578892486 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE06 CaseType=Combination P=-19.2609182818484 V2=64.5009108499822 V3=0 T=0 M2=0 M3=20.0755506930429 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE06 CaseType=Combination P=-19.2609182818484 V2=64.8915358499822 V3=0 T=0 M2=0 M3=16.032036733669 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE07 CaseType=Combination P=-17.1863808061152 V2=64.934872712236 V3=0 T=0 M2=0 M3=18.5944703871558 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE07 CaseType=Combination P=-17.1863808061152 V2=65.325497712236 V3=0 T=0 M2=0 M3=14.5238338113911 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE08 CaseType=Combination P=-16.0386234020497 V2=64.0278515132693 V3=0 T=0 M2=0 M3=16.9643195361997 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE08 CaseType=Combination P=-16.0386234020497 V2=64.4184765132693 V3=0 T=0 M2=0 M3=12.9503717853704 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE09 CaseType=Combination P=-17.9588454314227 V2=64.4912998680602 V3=0 T=0 M2=0 M3=18.9466639027946 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE09 CaseType=Combination P=-17.9588454314227 V2=64.8819248680602 V3=0 T=0 M2=0 M3=14.9037506297908 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE10 CaseType=Combination P=-17.9145749554395 V2=64.9227768097553 V3=0 T=0 M2=0 M3=24.2738161789455 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE10 CaseType=Combination P=-17.9145749554395 V2=65.3134018097553 V3=0 T=0 M2=0 M3=20.2039355970858 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE11 CaseType=Combination P=-16.6125021050138 V2=64.9131658278333 V3=0 T=0 M2=0 M3=23.1449293886972 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE11 CaseType=Combination P=-16.6125021050138 V2=65.3037908278333 V3=0 T=0 M2=0 M3=19.0756494932076 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE12 CaseType=Combination P=-19.2166478058653 V2=64.9323877916773 V3=0 T=0 M2=0 M3=25.4027029691938 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE12 CaseType=Combination P=-19.2166478058653 V2=65.3230127916773 V3=0 T=0 M2=0 M3=21.332221700964 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE13 CaseType=Combination P=-18.4884536574722 V2=65.3762874092387 V3=0 T=0 M2=0 M3=25.0888916044235 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE13 CaseType=Combination P=-18.4884536574722 V2=65.7669124092387 V3=0 T=0 M2=0 M3=20.9906666100961 FrameElem=41-1  
ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE14 CaseType=Combination P=-17.3406962534068 V2=64.469266210272 V3=0 T=0 M2=0 M3=23.4587487534674 FrameElem=41-1  
ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE14 CaseType=Combination P=-17.3406962534068 V2=64.859891210272 V3=0 T=0 M2=0 M3=19.4172045840754 FrameElem=41-1  
ElemStation=0.0625

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Frame=41 Station=0 OutputCase=QPE15 CaseType=Combination P=-19.2609182827797 V2=64.9327145650628 V3=0 T=0 M2=0 M3=25.4410851200623 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE15 CaseType=Combination P=-19.2609182827797 V2=65.3233395650628 V3=0 T=0 M2=0 M3=21.3705834284958 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE16 CaseType=Combination P=-17.1863808070465 V2=65.3666764273166 V3=0 T=0 M2=0 M3=23.9600048141752 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE16 CaseType=Combination P=-17.1863808070465 V2=65.7573014273166 V3=0 T=0 M2=0 M3=19.8623805062179 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE17 CaseType=Combination P=-16.0386234029811 V2=64.4596552283499 V3=0 T=0 M2=0 M3=22.3298539632191 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE17 CaseType=Combination P=-16.0386234029811 V2=64.8502802283499 V3=0 T=0 M2=0 M3=18.2889184801972 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=QPE18 CaseType=Combination P=-17.958845432354 V2=64.9231035831408 V3=0 T=0 M2=0 M3=24.3121983298139 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=QPE18 CaseType=Combination P=-17.958845432354 V2=65.3137285831408 V3=0 T=0 M2=0 M3=20.2422973246176 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234020497 V2=65.3762874092387 V3=0 T=0 M2=0 M3=25.4410851200623 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234020497 V2=65.7669124092387 V3=0 T=0 M2=0 M3=21.3705834284958 FrameElem=41-1 ElemStation=0.0625  
Frame=41 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182827797 V2=64.0278515132693 V3=0 T=0 M2=0 M3=16.9643195361997 FrameElem=41-1 ElemStation=0  
Frame=41 Station=0.0625 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182827797 V2=64.4184765132693 V3=0 T=0 M2=0 M3=12.9503717853704 FrameElem=41-1 ElemStation=0.0625  
Frame=42 Station=0 OutputCase=STR001 CaseType=Combination P=-28.8699277719488 V2=73.4196981310919 V3=0 T=0 M2=0 M3=24.101180185378 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR001 CaseType=Combination P=-28.8699277719488 V2=76.5837606310919 V3=0 T=0 M2=0 M3=4.0244683253153 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR002 CaseType=Combination P=-15.4214212004974 V2=73.4061462866104 V3=0 T=0 M2=0 M3=22.8686559764597 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR002 CaseType=Combination P=-15.4214212004974 V2=76.5702087866104 V3=0 T=0 M2=0 M3=-5.25191059976924 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR003 CaseType=Combination P=-8.36865519750676 V2=155.757178471663 V3=0 T=0 M2=0 M3=46.2367155861226 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR003 CaseType=Combination P=-8.36865519750676 V2=158.921240971663 V3=0 T=0 M2=0 M3=-12.765488059501 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR004 CaseType=Combination P=-23.5877051839703 V2=160.133497003369 V3=0 T=0 M2=0 M3=61.8410498605024 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR004 CaseType=Combination P=-23.5877051839703 V2=163.297559503369 V3=0 T=0 M2=0 M3=1.19772676548894 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR005 CaseType=Combination P=-38.8067551727446 V2=155.790487416826 V3=0 T=0 M2=0 M3=49.2661247076892 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR005 CaseType=Combination P=-38.8067551727446 V2=158.954549916826 V3=0 T=0 M2=0 M3=-9.7485697237073 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR006 CaseType=Combination P=-29.6630682124795 V2=58.75428576275 V3=0 T=0 M2=0 M3=32.8209327104934 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR006 CaseType=Combination P=-29.6630682124795 V2=61.09803576275 V3=0 T=0 M2=0 M3=10.3486224244622 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR007 CaseType=Combination P=-44.8821182012538 V2=54.4112761762074 V3=0 T=0 M2=0 M3=20.2460075576803 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR007 CaseType=Combination P=-44.8821182012538 V2=56.7550261762074 V3=0 T=0 M2=0 M3=-0.597674133397487 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR008 CaseType=Combination P=-23.2271975087731 V2=141.077809853215 V3=0 T=0 M2=0 M3=63.0541051628499 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR008 CaseType=Combination P=-23.2271975087731 V2=144.241872353215 V3=0 T=0 M2=0 M3=9.55666474914436 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR009 CaseType=Combination P=-25.744952930927 V2=73.3899243883191 V3=0 T=0 M2=0 M3=21.3932935360703 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR009 CaseType=Combination P=-25.744952930927 V2=76.5539868883191 V3=0 T=0 M2=0 M3=-6.72118982829934 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR010 CaseType=Combination P=-12.2964463594756 V2=73.3763725438375 V3=0 T=0 M2=0 M3=20.160769327152 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR010 CaseType=Combination P=-12.2964463594756 V2=76.5404350438375 V3=0 T=0 M2=0 M3=-7.94863209553705 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR011 CaseType=Combination P=-6.49367029289369 V2=155.739314225999 V3=0 T=0 M2=0 M3=44.611983596538 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR011 CaseType=Combination P=-6.49367029289369 V2=158.903376725999 V3=0 T=0 M2=0 M3=-14.3835209569617 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR012 CaseType=Combination P=-21.7127202793572 V2=160.115632757705 V3=0 T=0 M2=0 M3=60.2163178709178 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR012 CaseType=Combination P=-21.7127202793572 V2=163.279695257705 V3=0 T=0 M2=0 M3=-0.420306131971745 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR013 CaseType=Combination P=-36.9317702681316 V2=155.772623171163 V3=0 T=0 M2=0 M3=47.6413927181046 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR013 CaseType=Combination P=-36.9317702681316 V2=158.936685671163 V3=0 T=0 M2=0 M3=-11.3666026898314 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR014 CaseType=Combination P=-27.7880833078664 V2=58.7364215170863 V3=0 T=0 M2=0 M3=31.1962067209089 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR014 CaseType=Combination P=-27.7880833078664 V2=61.0801715170863 V3=0 T=0 M2=0 M3=8.7305895270015 FrameElem=42-1 ElemStation=0.375

PROGETTO SDR

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Frame=42 Station=0 OutputCase=STR015 CaseType=Combination P=-43.0071332966407 V2=54.3934119305436 V3=0 T=0 M2=0 M3=-18.6212755680957 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR015 CaseType=Combination P=-43.0071332966407 V2=56.7371619305436 V3=0 T=0 M2=0 M3=-2.21570703085818 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR016 CaseType=Combination P=-21.3522126041601 V2=141.059945607551 V3=0 T=0 M2=0 M3=61.4293731732653 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR016 CaseType=Combination P=-21.3522126041601 V2=144.224008107551 V3=0 T=0 M2=0 M3=7.93863185168367 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR017 CaseType=Combination P=-7.00687185723263 V2=135.139646682627 V3=0 T=0 M2=0 M3=37.6868140343992 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR017 CaseType=Combination P=-7.00687185723263 V2=138.303709182627 V3=0 T=0 M2=0 M3=-13.5838151903358 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR018 CaseType=Combination P=-20.10222266838 V2=138.83217314536 V3=0 T=0 M2=0 M3=50.8371395737061 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR018 CaseType=Combination P=-20.10222266838 V2=141.99623564536 V3=0 T=0 M2=0 M3=-1.81818707455379 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR019 CaseType=Combination P=-33.1975734815239 V2=135.16801635262 V3=0 T=0 M2=0 M3=40.2670019278037 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR019 CaseType=Combination P=-33.1975734815239 V2=138.33207885262 V3=0 T=0 M2=0 M3=-11.0142659231787 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR020 CaseType=Combination P=-24.4143941961415 V2=58.0407199510039 V3=0 T=0 M2=0 M3=27.659037326113 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR020 CaseType=Combination P=-24.4143941961415 V2=60.3844699510039 V3=0 T=0 M2=0 M3=5.45431421948652 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR021 CaseType=Combination P=-37.5097450092854 V2=54.376563158264 V3=0 T=0 M2=0 M3=17.0888996802106 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR021 CaseType=Combination P=-37.5097450092854 V2=56.720313158264 V3=0 T=0 M2=0 M3=-3.74176462913844 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR022 CaseType=Combination P=-26.5713382618541 V2=74.0433488179305 V3=0 T=0 M2=0 M3=22.5261861948052 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR022 CaseType=Combination P=-26.5713382618541 V2=77.2074113179305 V3=0 T=0 M2=0 M3=-5.8333133066873 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR023 CaseType=Combination P=-13.1228316904027 V2=74.0297969734489 V3=0 T=0 M2=0 M3=21.2936619858869 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR023 CaseType=Combination P=-13.1228316904027 V2=77.1938594734489 V3=0 T=0 M2=0 M3=-7.06077357970644 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR024 CaseType=Combination P=-7.83325718815972 V2=135.793071112238 V3=0 T=0 M2=0 M3=38.8197066931341 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR024 CaseType=Combination P=-7.83325718815972 V2=138.957133612238 V3=0 T=0 M2=0 M3=-12.6959566927052 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR025 CaseType=Combination P=-20.9286079993071 V2=139.485597574971 V3=0 T=0 M2=0 M3=51.970032323441 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR025 CaseType=Combination P=-20.9286079993071 V2=142.649660074971 V3=0 T=0 M2=0 M3=-0.930328576923175  
FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR026 CaseType=Combination P=-34.023958812451 V2=135.821440782231 V3=0 T=0 M2=0 M3=41.3998945865386 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR026 CaseType=Combination P=-34.023958812451 V2=138.985503282231 V3=0 T=0 M2=0 M3=-10.1264074255481 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR027 CaseType=Combination P=-25.2407795270686 V2=58.6941443806153 V3=0 T=0 M2=0 M3=28.7919299848479 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR027 CaseType=Combination P=-25.2407795270686 V2=61.0378943806153 V3=0 T=0 M2=0 M3=6.34217271711713 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR028 CaseType=Combination P=-38.3361303402125 V2=55.0299875878754 V3=0 T=0 M2=0 M3=18.2217923389454 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR028 CaseType=Combination P=-38.3361303402125 V2=57.3737375878754 V3=0 T=0 M2=0 M3=-2.85390613150782 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR029 CaseType=Combination P=-24.9185675999999 V2=72.7364999587077 V3=0 T=0 M2=0 M3=20.2604008773354 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR029 CaseType=Combination P=-24.9185675999999 V2=75.9005624587077 V3=0 T=0 M2=0 M3=-7.60904832592996 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR030 CaseType=Combination P=-11.4700610285485 V2=72.7229481142261 V3=0 T=0 M2=0 M3=19.0278766684171 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR030 CaseType=Combination P=-11.4700610285485 V2=75.8870106142261 V3=0 T=0 M2=0 M3=-8.83649059316766 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR031 CaseType=Combination P=-6.18048652630553 V2=134.48622253015 V3=0 T=0 M2=0 M3=36.5539213756643 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR031 CaseType=Combination P=-6.18048652630553 V2=137.650284753015 V3=0 T=0 M2=0 M3=-14.4716736879665 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR032 CaseType=Combination P=-19.2758373374529 V2=138.178748715748 V3=0 T=0 M2=0 M3=49.7042469149713 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR032 CaseType=Combination P=-19.2758373374529 V2=141.342811215748 V3=0 T=0 M2=0 M3=-2.7060455721844 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR033 CaseType=Combination P=-32.3711881505968 V2=134.514591923008 V3=0 T=0 M2=0 M3=39.1341092690688 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR033 CaseType=Combination P=-32.3711881505968 V2=137.678654423008 V3=0 T=0 M2=0 M3=-11.9021244208094 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR034 CaseType=Combination P=-23.5880088652144 V2=57.3872955213925 V3=0 T=0 M2=0 M3=26.5261446673781 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR034 CaseType=Combination P=-23.5880088652144 V2=59.7310455213925 V3=0 T=0 M2=0 M3=4.56645572185591 FrameElem=42-1  
ElemStation=0.375

PROVATO S.D.P.

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Frame=42 Station=0 OutputCase=STR035 CaseType=Combination P=-36.6833596783583 V2=53.7231387286526 V3=0 T=0 M2=0 M3=15.9560070214757 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR035 CaseType=Combination P=-36.6833596783583 V2=56.0668887286526 V3=0 T=0 M2=0 M3=-4.62962312676905 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR036 CaseType=Combination P=-27.6836873222969 V2=73.4083960183354 V3=0 T=0 M2=0 M3=23.0732664133008 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR036 CaseType=Combination P=-27.6836873222969 V2=76.5724585183354 V3=0 T=0 M2=0 M3=-5.04814381232497 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR037 CaseType=Combination P=-14.2351807508455 V2=73.3948441738538 V3=0 T=0 M2=0 M3=21.8407422043825 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR037 CaseType=Combination P=-14.2351807508455 V2=76.5589066738538 V3=0 T=0 M2=0 M3=-6.27558607956267 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR038 CaseType=Combination P=-8.94560624860254 V2=135.158118312643 V3=0 T=0 M2=0 M3=39.3667869116297 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR038 CaseType=Combination P=-8.94560624860254 V2=138.322180812643 V3=0 T=0 M2=0 M3=-11.9107691743615 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR039 CaseType=Combination P=-22.0409570597499 V2=138.850644775376 V3=0 T=0 M2=0 M3=52.5171124509366 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR039 CaseType=Combination P=-22.0409570597499 V2=142.014707275376 V3=0 T=0 M2=0 M3=-0.145141058579412 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR040 CaseType=Combination P=-35.1363078728938 V2=135.186487982636 V3=0 T=0 M2=0 M3=41.9469748050342 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR040 CaseType=Combination P=-35.1363078728938 V2=138.350550482636 V3=0 T=0 M2=0 M3=-9.34121990720437 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR041 CaseType=Combination P=-26.3531285875114 V2=58.0591915810202 V3=0 T=0 M2=0 M3=29.3390102033435 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR041 CaseType=Combination P=-26.3531285875114 V2=60.4029415810202 V3=0 T=0 M2=0 M3=7.1273602354609 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR042 CaseType=Combination P=-39.4484794006553 V2=54.3950347882803 V3=0 T=0 M2=0 M3=18.7688725574411 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR042 CaseType=Combination P=-39.4484794006553 V2=56.7387847882803 V3=0 T=0 M2=0 M3=-2.06871861316406 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR043 CaseType=Combination P=-31.9949026129706 V2=73.4494718738648 V3=0 T=0 M2=0 M3=26.8090668346856 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR043 CaseType=Combination P=-31.9949026129706 V2=76.6135343738648 V3=0 T=0 M2=0 M3=-1.32774683676372 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR044 CaseType=Combination P=-18.5463960415191 V2=73.4359200293833 V3=0 T=0 M2=0 M3=25.5765426257673 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR044 CaseType=Combination P=-18.5463960415191 V2=76.5999825293833 V3=0 T=0 M2=0 M3=-2.55518910400142 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR045 CaseType=Combination P=-10.2436401021198 V2=155.775042717327 V3=0 T=0 M2=0 M3=47.8614475757072 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.2436401021198 V2=158.939105217327 V3=0 T=0 M2=0 M3=-11.1474551620403 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR046 CaseType=Combination P=-25.4626900885833 V2=160.151361249033 V3=0 T=0 M2=0 M3=63.4657818500869 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.4626900885833 V2=163.315423749033 V3=0 T=0 M2=0 M3=2.81575966294963 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR047 CaseType=Combination P=-40.6817400773577 V2=155.80835166249 V3=0 T=0 M2=0 M3=50.8908566972738 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.6817400773577 V2=158.97241416249 V3=0 T=0 M2=0 M3=-8.13053689491004 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR048 CaseType=Combination P=-31.5380531170925 V2=58.7721500084138 V3=0 T=0 M2=0 M3=34.445664700078 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR048 CaseType=Combination P=-31.5380531170925 V2=61.1159000084138 V3=0 T=0 M2=0 M3=11.9666553219229 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR049 CaseType=Combination P=-46.7571031058669 V2=54.4291404218711 V3=0 T=0 M2=0 M3=21.8707395472649 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR049 CaseType=Combination P=-46.7571031058669 V2=56.7728904218711 V3=0 T=0 M2=0 M3=1.0203587640632 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR050 CaseType=Combination P=-25.1021824133862 V2=141.095674098879 V3=0 T=0 M2=0 M3=64.6788371524345 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR050 CaseType=Combination P=-25.1021824133862 V2=144.259736598879 V3=0 T=0 M2=0 M3=11.174697646605 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR051 CaseType=Combination P=-13.2568215392762 V2=135.199194168173 V3=0 T=0 M2=0 M3=43.1025873330145 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR051 CaseType=Combination P=-13.2568215392762 V2=138.363256668173 V3=0 T=0 M2=0 M3=-8.19037219880022 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR052 CaseType=Combination P=-26.3521723504236 V2=138.891720630906 V3=0 T=0 M2=0 M3=56.2529128723214 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR052 CaseType=Combination P=-26.3521723504236 V2=142.055783130906 V3=0 T=0 M2=0 M3=3.57525591698184 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR053 CaseType=Combination P=-39.4475231635674 V2=135.227563838166 V3=0 T=0 M2=0 M3=45.682775226419 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR053 CaseType=Combination P=-39.4475231635674 V2=138.391626338166 V3=0 T=0 M2=0 M3=-5.62082293164312 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR054 CaseType=Combination P=-30.6643438781851 V2=58.1002674365497 V3=0 T=0 M2=0 M3=33.0748106247283 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR054 CaseType=Combination P=-30.6643438781851 V2=60.4440174365497 V3=0 T=0 M2=0 M3=10.8477572110221 FrameElem=42-1 ElemStation=0.375

PROVATO S.D.P.

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Frame=42 Station=0 OutputCase=STR055 CaseType=Combination P=-43.759694691329 V2=54.4361106438098 V3=0 T=0 M2=0 M3=22.5046729788259 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR055 CaseType=Combination P=-43.759694691329 V2=56.7798606438098 V3=0 T=0 M2=0 M3=1.65167836239719 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR056 CaseType=Combination P=-32.8212879438977 V2=74.1028963034762 V3=0 T=0 M2=0 M3=27.9419594934205 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR056 CaseType=Combination P=-32.8212879438977 V2=77.2669588034762 V3=0 T=0 M2=0 M3=-0.439888339133105  
FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR057 CaseType=Combination P=-19.3727813724462 V2=74.0893444589947 V3=0 T=0 M2=0 M3=26.7094352845022 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR057 CaseType=Combination P=-19.3727813724462 V2=77.2534069589947 V3=0 T=0 M2=0 M3=-1.66733060637081 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR058 CaseType=Combination P=-14.0832068702033 V2=135.852618597784 V3=0 T=0 M2=0 M3=44.2354799917494 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR058 CaseType=Combination P=-14.0832068702033 V2=139.016681097784 V3=0 T=0 M2=0 M3=-7.30251370116961 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR059 CaseType=Combination P=-27.1785576813506 V2=139.545145060517 V3=0 T=0 M2=0 M3=57.3858055310563 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR059 CaseType=Combination P=-27.1785576813506 V2=142.709207560517 V3=0 T=0 M2=0 M3=4.46311441461245 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR060 CaseType=Combination P=-40.2739084944945 V2=135.880988267777 V3=0 T=0 M2=0 M3=46.8156678851539 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR060 CaseType=Combination P=-40.2739084944945 V2=139.045050767777 V3=0 T=0 M2=0 M3=-4.7329644340125 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR061 CaseType=Combination P=-31.4907292091122 V2=58.7536918661611 V3=0 T=0 M2=0 M3=34.2077032834632 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR061 CaseType=Combination P=-31.4907292091122 V2=61.0974418661611 V3=0 T=0 M2=0 M3=11.7356157086528 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR062 CaseType=Combination P=-44.5860800222561 V2=55.0895350734212 V3=0 T=0 M2=0 M3=23.6375656375607 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR062 CaseType=Combination P=-44.5860800222561 V2=57.4332850734212 V3=0 T=0 M2=0 M3=2.5395368600278 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR063 CaseType=Combination P=-31.1685172820435 V2=72.7960474442534 V3=0 T=0 M2=0 M3=25.6761741759507 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR063 CaseType=Combination P=-31.1685172820435 V2=75.9601099442534 V3=0 T=0 M2=0 M3=-2.21560533439433 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR064 CaseType=Combination P=-17.720010710592 V2=72.7824955997719 V3=0 T=0 M2=0 M3=24.4436499670324 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR064 CaseType=Combination P=-17.720010710592 V2=75.9465580997719 V3=0 T=0 M2=0 M3=-3.44304760163204 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR065 CaseType=Combination P=-12.4304362083491 V2=134.545769738561 V3=0 T=0 M2=0 M3=41.9696946742796 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR065 CaseType=Combination P=-12.4304362083491 V2=137.709832238561 V3=0 T=0 M2=0 M3=-9.07823069643083 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR066 CaseType=Combination P=-25.5257870194965 V2=138.238296201294 V3=0 T=0 M2=0 M3=55.1200202135866 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR066 CaseType=Combination P=-25.5257870194965 V2=141.402358701294 V3=0 T=0 M2=0 M3=2.68739741935123 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR067 CaseType=Combination P=-38.6211378326403 V2=134.574139408554 V3=0 T=0 M2=0 M3=44.5498825676841 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR067 CaseType=Combination P=-38.6211378326403 V2=137.738201908554 V3=0 T=0 M2=0 M3=-6.50868142927373 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR068 CaseType=Combination P=-29.837958547258 V2=57.4468430069383 V3=0 T=0 M2=0 M3=31.9419179659934 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR068 CaseType=Combination P=-29.837958547258 V2=59.7905930069383 V3=0 T=0 M2=0 M3=9.95989871339153 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR069 CaseType=Combination P=-42.9333093604019 V2=53.7826862141984 V3=0 T=0 M2=0 M3=21.371780320091 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR069 CaseType=Combination P=-42.9333093604019 V2=56.1264362141984 V3=0 T=0 M2=0 M3=0.763819864766578 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR070 CaseType=Combination P=-33.9336370043405 V2=73.4679435038811 V3=0 T=0 M2=0 M3=28.4890397119161 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR070 CaseType=Combination P=-33.9336370043405 V2=76.632006038811 V3=0 T=0 M2=0 M3=0.345299179210658 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR071 CaseType=Combination P=-20.485130432889 V2=73.4543916593996 V3=0 T=0 M2=0 M3=27.2565155029978 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR071 CaseType=Combination P=-20.485130432889 V2=76.6184541593996 V3=0 T=0 M2=0 M3=-0.882143088027047 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR072 CaseType=Combination P=-15.195559306461 V2=135.217665798189 V3=0 T=0 M2=0 M3=44.782560210245 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR072 CaseType=Combination P=-15.195559306461 V2=138.381728298189 V3=0 T=0 M2=0 M3=-6.51732618282585 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR073 CaseType=Combination P=-28.2909067417935 V2=138.910192260922 V3=0 T=0 M2=0 M3=57.9328857495519 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR073 CaseType=Combination P=-28.2909067417935 V2=142.074254760922 V3=0 T=0 M2=0 M3=5.24830193295621 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR074 CaseType=Combination P=-41.3862575549374 V2=135.246035468182 V3=0 T=0 M2=0 M3=47.3627481036495 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR074 CaseType=Combination P=-41.3862575549374 V2=138.410097968182 V3=0 T=0 M2=0 M3=-3.94777691566874 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR075 CaseType=Combination P=-32.603078269555 V2=58.118739066566 V3=0 T=0 M2=0 M3=34.7547835019588 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR075 CaseType=Combination P=-32.603078269555 V2=60.462489066566 V3=0 T=0 M2=0 M3=12.5208032269965 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR076 CaseType=Combination P=-45.6984290826989 V2=54.4545822738261 V3=0 T=0 M2=0 M3=24.1846458560563 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR076 CaseType=Combination P=-45.6984290826989 V2=56.7983322738261 V3=0 T=0 M2=0 M3=3.32472437837157 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR077 CaseType=Combination P=-30.2472366568273 V2=74.508738847111 V3=0 T=0 M2=0 M3=25.9893346166028 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR077 CaseType=Combination P=-30.2472366568273 V2=77.672801347111 V3=0 T=0 M2=0 M3=-2.54470416981384 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR078 CaseType=Combination P=-16.7987300853758 V2=74.4951870026294 V3=0 T=0 M2=0 M3=24.7568104076845 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR078 CaseType=Combination P=-16.7987300853758 V2=77.6592495026294 V3=0 T=0 M2=0 M3=-3.77214643705155 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR079 CaseType=Combination P=-9.19504052843385 V2=156.410602901274 V3=0 T=0 M2=0 M3=47.3696082448575 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR079 CaseType=Combination P=-9.19504052843385 V2=159.574665401274 V3=0 T=0 M2=0 M3=-11.8776295618704 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR080 CaseType=Combination P=-24.4140905148974 V2=160.786921432981 V3=0 T=0 M2=0 M3=62.9739425192372 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR080 CaseType=Combination P=-24.4140905148974 V2=163.950983932981 V3=0 T=0 M2=0 M3=2.08558526311956 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR081 CaseType=Combination P=-39.6331405036717 V2=156.443911846438 V3=0 T=0 M2=0 M3=50.3990173664241 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR081 CaseType=Combination P=-39.6331405036717 V2=159.607974346438 V3=0 T=0 M2=0 M3=-8.86071129474012 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR082 CaseType=Combination P=-30.4894535434066 V2=59.4077101923614 V3=0 T=0 M2=0 M3=33.9538253692283 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR082 CaseType=Combination P=-30.4894535434066 V2=61.7514601923614 V3=0 T=0 M2=0 M3=11.2364809220928 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR083 CaseType=Combination P=-45.7085035321809 V2=55.0647006058188 V3=0 T=0 M2=0 M3=21.3789002164152 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR083 CaseType=Combination P=-45.7085035321809 V2=57.4084506058188 V3=0 T=0 M2=0 M3=0.290184364233126 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR084 CaseType=Combination P=-24.0535828397002 V2=141.731234282826 V3=0 T=0 M2=0 M3=64.1869978215848 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR084 CaseType=Combination P=-24.0535828397002 V2=144.895296782826 V3=0 T=0 M2=0 M3=10.444523246775 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR085 CaseType=Combination P=-11.5091555831329 V2=136.258461141419 V3=0 T=0 M2=0 M3=42.2828551149317 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR085 CaseType=Combination P=-11.5091555831329 V2=139.422523641419 V3=0 T=0 M2=0 M3=-9.40732953185034 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR086 CaseType=Combination P=-24.6045063942803 V2=139.950987604152 V3=0 T=0 M2=0 M3=55.4331806542386 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR086 CaseType=Combination P=-24.6045063942803 V2=143.115050104152 V3=0 T=0 M2=0 M3=2.35829858393171 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR087 CaseType=Combination P=-37.6998572074242 V2=136.286830811412 V3=0 T=0 M2=0 M3=44.8630430083362 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR087 CaseType=Combination P=-37.6998572074242 V2=139.450893311412 V3=0 T=0 M2=0 M3=-6.83778026469324 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR088 CaseType=Combination P=-28.9166779220418 V2=59.1595344097958 V3=0 T=0 M2=0 M3=32.2550784066454 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR088 CaseType=Combination P=-28.9166779220418 V2=61.5032844097958 V3=0 T=0 M2=0 M3=9.63079987797202 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR089 CaseType=Combination P=-42.0120287351857 V2=55.4953776170559 V3=0 T=0 M2=0 M3=21.684940760743 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR089 CaseType=Combination P=-42.0120287351857 V2=57.8391276170559 V3=0 T=0 M2=0 M3=0.434721029347067 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR090 CaseType=Combination P=-28.3722517522142 V2=74.4908746014472 V3=0 T=0 M2=0 M3=24.3646026270182 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR090 CaseType=Combination P=-28.3722517522142 V2=77.6549371014472 V3=0 T=0 M2=0 M3=-4.16273706727453 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR091 CaseType=Combination P=-14.9237451807628 V2=74.4773227569657 V3=0 T=0 M2=0 M3=23.1320784180999 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR091 CaseType=Combination P=-14.9237451807628 V2=77.6413852569657 V3=0 T=0 M2=0 M3=-5.39017933451224 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR092 CaseType=Combination P=-9.63417067851983 V2=136.240596895755 V3=0 T=0 M2=0 M3=40.6581231253471 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR092 CaseType=Combination P=-9.63417067851983 V2=139.404659395755 V3=0 T=0 M2=0 M3=-11.025362429311 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR093 CaseType=Combination P=-22.7295214896672 V2=139.933123358488 V3=0 T=0 M2=0 M3=53.808448664654 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR093 CaseType=Combination P=-22.7295214896672 V2=143.097185858488 V3=0 T=0 M2=0 M3=0.740265686471026 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR094 CaseType=Combination P=-35.8248723028111 V2=136.268966565748 V3=0 T=0 M2=0 M3=43.2383140187516 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.8248723028111 V2=139.433029065748 V3=0 T=0 M2=0 M3=-8.45581316215393 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR095 CaseType=Combination P=-27.0416930174287 V2=59.141670164132 V3=0 T=0 M2=0 M3=30.6303464170609 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR095 CaseType=Combination P=-27.0416930174287 V2=61.485420164132 V3=0 T=0 M2=0 M3=8.01276698051133 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR096 CaseType=Combination P=-40.1370438305726 V2=55.4775133713921 V3=0 T=0 M2=0 M3=20.0602087711584 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR096 CaseType=Combination P=-40.1370438305726 V2=57.8212633713921 V3=0 T=0 M2=0 M3=-1.18331186811362 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR097 CaseType=Combination P=-32.1222215614403 V2=74.5266030927747 V3=0 T=0 M2=0 M3=27.6140666061874 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR097 CaseType=Combination P=-32.1222215614403 V2=77.6906655927747 V3=0 T=0 M2=0 M3=-0.926671272353155 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR098 CaseType=Combination P=-18.6737149899889 V2=74.5130512482932 V3=0 T=0 M2=0 M3=26.3815423972691 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR098 CaseType=Combination P=-18.6737149899889 V2=77.6771137482932 V3=0 T=0 M2=0 M3=-2.15411353959086 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR099 CaseType=Combination P=-13.384140487746 V2=136.276325387083 V3=0 T=0 M2=0 M3=43.9075871045163 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR099 CaseType=Combination P=-13.384140487746 V2=139.440387887082 V3=0 T=0 M2=0 M3=-7.78929663438966 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR100 CaseType=Combination P=-26.4794912988933 V2=139.968851849815 V3=0 T=0 M2=0 M3=57.0579126438232 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR100 CaseType=Combination P=-26.4794912988933 V2=143.132914349815 V3=0 T=0 M2=0 M3=3.9763314813924 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR101 CaseType=Combination P=-39.5748421120372 V2=136.304695057076 V3=0 T=0 M2=0 M3=46.4877749979208 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR101 CaseType=Combination P=-39.5748421120372 V2=139.468757557076 V3=0 T=0 M2=0 M3=-5.21974736723255 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR102 CaseType=Combination P=-30.7916628266549 V2=59.1773986554595 V3=0 T=0 M2=0 M3=33.87981039623 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR102 CaseType=Combination P=-30.7916628266549 V2=61.5211486554595 V3=0 T=0 M2=0 M3=11.2488327754327 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR103 CaseType=Combination P=-43.8870136397988 V2=55.5132418627196 V3=0 T=0 M2=0 M3=23.3096727503276 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR103 CaseType=Combination P=-43.8870136397988 V2=57.8569918627196 V3=0 T=0 M2=0 M3=2.05275392680775 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR104 CaseType=Combination P=-32.1859710481972 V2=74.5272104771273 V3=0 T=0 M2=0 M3=27.6693074938333 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR104 CaseType=Combination P=-32.1859710481972 V2=77.6912729771273 V3=0 T=0 M2=0 M3=-0.871658153839467 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR105 CaseType=Combination P=-18.7374644767458 V2=74.5136586326457 V3=0 T=0 M2=0 M3=26.436783284915 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR105 CaseType=Combination P=-18.7374644767458 V2=77.677211326457 V3=0 T=0 M2=0 M3=-2.09910042107717 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR106 CaseType=Combination P=-13.4478899745028 V2=136.276932771435 V3=0 T=0 M2=0 M3=43.9628279921622 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR106 CaseType=Combination P=-13.4478899745028 V2=139.440995271435 V3=0 T=0 M2=0 M3=-7.73428351587597 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR107 CaseType=Combination P=-26.5432407856502 V2=139.969459234168 V3=0 T=0 M2=0 M3=57.1131535314691 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR107 CaseType=Combination P=-26.5432407856502 V2=143.133521734168 V3=0 T=0 M2=0 M3=4.03134459990609 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR108 CaseType=Combination P=-39.6385915987941 V2=136.305302441428 V3=0 T=0 M2=0 M3=46.5430158855667 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR108 CaseType=Combination P=-39.6385915987941 V2=139.469364941428 V3=0 T=0 M2=0 M3=-5.16473424871887 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR109 CaseType=Combination P=-30.8554123134117 V2=59.1780060398121 V3=0 T=0 M2=0 M3=33.9350512838759 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR109 CaseType=Combination P=-30.8554123134117 V2=61.5217560398121 V3=0 T=0 M2=0 M3=11.3038458939464 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR110 CaseType=Combination P=-43.9507631265556 V2=55.5138492470722 V3=0 T=0 M2=0 M3=23.3649136379735 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR110 CaseType=Combination P=-43.9507631265556 V2=57.8575992470722 V3=0 T=0 M2=0 M3=2.10776704532144 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR111 CaseType=Combination P=-27.4926188870703 V2=72.3306574150729 V3=0 T=0 M2=0 M3=22.2130257541531 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR111 CaseType=Combination P=-27.4926188870703 V2=75.4947199150729 V3=0 T=0 M2=0 M3=-5.50423249524922 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR112 CaseType=Combination P=-14.0441123156189 V2=72.3171055705914 V3=0 T=0 M2=0 M3=20.9805015452349 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR112 CaseType=Combination P=-14.0441123156189 V2=75.4811680705914 V3=0 T=0 M2=0 M3=-6.73167476248692 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR113 CaseType=Combination P=-7.54226986657966 V2=155.103754042051 V3=0 T=0 M2=0 M3=45.1038229273877 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR113 CaseType=Combination P=-7.54226986657966 V2=158.267816542051 V3=0 T=0 M2=0 M3=-13.6533465571316 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR114 CaseType=Combination P=-22.7613198530432 V2=159.480072573758 V3=0 T=0 M2=0 M3=60.7081572017675 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR114 CaseType=Combination P=-22.7613198530432 V2=162.644135073758 V3=0 T=0 M2=0 M3=0.30986826785833 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR115 CaseType=Combination P=-37.9803698418175 V2=155.137062987215 V3=0 T=0 M2=0 M3=48.1332320489543 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR115 CaseType=Combination P=-37.9803698418175 V2=158.301125487215 V3=0 T=0 M2=0 M3=-10.6364282900013 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR116 CaseType=Combination P=-28.8366828815524 V2=58.1008613331386 V3=0 T=0 M2=0 M3=31.6880400517586 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR116 CaseType=Combination P=-28.8366828815524 V2=60.4446113331386 V3=0 T=0 M2=0 M3=9.46076392683157 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR117 CaseType=Combination P=-44.0557328703267 V2=53.757851746596 V3=0 T=0 M2=0 M3=19.1131148989454 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR117 CaseType=Combination P=-44.0557328703267 V2=56.101601746596 V3=0 T=0 M2=0 M3=-1.4855326310281 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR118 CaseType=Combination P=-22.400812177846 V2=140.424385423603 V3=0 T=0 M2=0 M3=61.921212504115 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR118 CaseType=Combination P=-22.400812177846 V2=143.588447923603 V3=0 T=0 M2=0 M3=8.66880625151374 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR119 CaseType=Combination P=-8.75453781337592 V2=134.080379709381 V3=0 T=0 M2=0 M3=38.5065462524821 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR119 CaseType=Combination P=-8.75453781337592 V2=137.244442209381 V3=0 T=0 M2=0 M3=-12.3668578572857 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR120 CaseType=Combination P=-21.8498886245233 V2=137.772906172114 V3=0 T=0 M2=0 M3=51.656871791789 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR120 CaseType=Combination P=-21.8498886245233 V2=140.936968672114 V3=0 T=0 M2=0 M3=-0.601229741503663  
FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR121 CaseType=Combination P=-34.9452394376672 V2=134.108749379374 V3=0 T=0 M2=0 M3=41.0867341458866 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR121 CaseType=Combination P=-34.9452394376672 V2=137.272811879374 V3=0 T=0 M2=0 M3=-9.79730859012862 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR122 CaseType=Combination P=-26.1620601522848 V2=56.9814529777578 V3=0 T=0 M2=0 M3=28.4787695441958 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR122 CaseType=Combination P=-26.1620601522848 V2=59.3252029777578 V3=0 T=0 M2=0 M3=6.67127155253665 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR123 CaseType=Combination P=-39.2574109654287 V2=53.3172961850179 V3=0 T=0 M2=0 M3=17.9086318982934 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR123 CaseType=Combination P=-39.2574109654287 V2=55.6610461850179 V3=0 T=0 M2=0 M3=-2.52480729608831 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR124 CaseType=Combination P=-25.6176339824572 V2=72.3127931694092 V3=0 T=0 M2=0 M3=20.5882937645686 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR124 CaseType=Combination P=-25.6176339824572 V2=75.4768556694092 V3=0 T=0 M2=0 M3=-7.12226539270991 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR125 CaseType=Combination P=-12.1691274110058 V2=72.2992413249277 V3=0 T=0 M2=0 M3=19.3557695556503 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR125 CaseType=Combination P=-12.1691274110058 V2=75.4633038249277 V3=0 T=0 M2=0 M3=-8.34970765994761 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR126 CaseType=Combination P=-6.87955290876285 V2=134.062515463717 V3=0 T=0 M2=0 M3=36.8818142628975 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR126 CaseType=Combination P=-6.87955290876285 V2=137.226577963717 V3=0 T=0 M2=0 M3=-13.9848907547464 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR127 CaseType=Combination P=-19.9749037199102 V2=137.75504192645 V3=0 T=0 M2=0 M3=50.0321398022044 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR127 CaseType=Combination P=-19.9749037199102 V2=140.91910442645 V3=0 T=0 M2=0 M3=-2.21926263896435 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR128 CaseType=Combination P=-33.0702545330541 V2=134.09088513371 V3=0 T=0 M2=0 M3=39.462002156302 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR128 CaseType=Combination P=-33.0702545330541 V2=137.25494763371 V3=0 T=0 M2=0 M3=-11.4153414875893 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR129 CaseType=Combination P=-24.2870752476718 V2=56.963588732094 V3=0 T=0 M2=0 M3=26.8540375546112 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR129 CaseType=Combination P=-24.2870752476718 V2=59.307338732094 V3=0 T=0 M2=0 M3=5.05323865507596 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR130 CaseType=Combination P=-37.3824260608157 V2=53.2994319393541 V3=0 T=0 M2=0 M3=16.2838999087088 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR130 CaseType=Combination P=-37.3824260608157 V2=55.6431819393541 V3=0 T=0 M2=0 M3=-4.142840193549 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR131 CaseType=Combination P=-29.3676037916834 V2=72.3485216607367 V3=0 T=0 M2=0 M3=23.8377577437377 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR131 CaseType=Combination P=-29.3676037916834 V2=75.5125841607367 V3=0 T=0 M2=0 M3=-3.88619959778853 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR132 CaseType=Combination P=-15.9190972202319 V2=72.3349698162551 V3=0 T=0 M2=0 M3=22.6052335348194 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR132 CaseType=Combination P=-15.9190972202319 V2=75.4990323162551 V3=0 T=0 M2=0 M3=-5.11364186502624 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR133 CaseType=Combination P=-10.629522717989 V2=134.098243955044 V3=0 T=0 M2=0 M3=40.1312782420666 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.629522717989 V2=137.262306455044 V3=0 T=0 M2=0 M3=-10.748824959825 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR134 CaseType=Combination P=-23.7248735291364 V2=137.790770417777 V3=0 T=0 M2=0 M3=53.2816037813736 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR134 CaseType=Combination P=-23.7248735291364 V2=140.954832917777 V3=0 T=0 M2=0 M3=1.01680315595702 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR135 CaseType=Combination P=-36.8202243422802 V2=134.126613625038 V3=0 T=0 M2=0 M3=42.7114661354711 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR135 CaseType=Combination P=-36.8202243422802 V2=137.290676125037 V3=0 T=0 M2=0 M3=-8.17927569266793 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR136 CaseType=Combination P=-28.0370450568979 V2=56.9993172234215 V3=0 T=0 M2=0 M3=30.1035015337804 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR136 CaseType=Combination P=-28.0370450568979 V2=59.3430672234215 V3=0 T=0 M2=0 M3=8.28930444999734 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR137 CaseType=Combination P=-41.1323958700418 V2=53.3351604306816 V3=0 T=0 M2=0 M3=19.533363887878 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR137 CaseType=Combination P=-41.1323958700418 V2=55.6789104306816 V3=0 T=0 M2=0 M3=-0.906774398627622  
FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR138 CaseType=Combination P=-29.4313532784402 V2=72.3491290450892 V3=0 T=0 M2=0 M3=23.8929986313836 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR138 CaseType=Combination P=-29.4313532784402 V2=75.5131915450892 V3=0 T=0 M2=0 M3=-3.83118647927484 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR139 CaseType=Combination P=-15.9828467069888 V2=72.335572006077 V3=0 T=0 M2=0 M3=22.6604744224653 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR139 CaseType=Combination P=-15.9828467069888 V2=75.4996397006077 V3=0 T=0 M2=0 M3=-5.05862874651255 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR140 CaseType=Combination P=-10.6932722047458 V2=134.098851339397 V3=0 T=0 M2=0 M3=40.1865191297126 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.6932722047458 V2=137.262913839397 V3=0 T=0 M2=0 M3=-10.6938118413113 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR141 CaseType=Combination P=-23.7886230158932 V2=137.79137780213 V3=0 T=0 M2=0 M3=53.3368446690195 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR141 CaseType=Combination P=-23.7886230158932 V2=140.95544030213 V3=0 T=0 M2=0 M3=1.07181627447071 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR142 CaseType=Combination P=-36.8839738290371 V2=134.12722100939 V3=0 T=0 M2=0 M3=42.766707023117 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR142 CaseType=Combination P=-36.8839738290371 V2=137.29128350939 V3=0 T=0 M2=0 M3=-8.12426257415424 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR143 CaseType=Combination P=-28.1007945436547 V2=56.9999246077741 V3=0 T=0 M2=0 M3=30.1587424214263 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR143 CaseType=Combination P=-28.1007945436547 V2=59.3436746077741 V3=0 T=0 M2=0 M3=8.34431756851102 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR144 CaseType=Combination P=-41.1961453567986 V2=53.3357678150342 V3=0 T=0 M2=0 M3=19.5886047755239 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR144 CaseType=Combination P=-41.1961453567986 V2=55.6795178150342 V3=0 T=0 M2=0 M3=-0.851761280113935  
FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR145 CaseType=Combination P=-32.1011517575653 V2=73.4504841811191 V3=0 T=0 M2=0 M3=26.9011349807621 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR145 CaseType=Combination P=-32.1011517575653 V2=76.6145466811191 V3=0 T=0 M2=0 M3=-1.23605830590757 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR146 CaseType=Combination P=-18.6526451861139 V2=73.4369323366376 V3=0 T=0 M2=0 M3=25.6686107718438 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR146 CaseType=Combination P=-18.6526451861139 V2=76.6009948366376 V3=0 T=0 M2=0 M3=-2.46350057314528 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR147 CaseType=Combination P=-10.3073895888767 V2=155.775650101679 V3=0 T=0 M2=0 M3=47.9166884633531 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.3073895888767 V2=158.939712601679 V3=0 T=0 M2=0 M3=-11.0924420435266 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR148 CaseType=Combination P=-25.5264395753402 V2=160.151968633385 V3=0 T=0 M2=0 M3=63.5210227377328 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.5264395753402 V2=163.316031133385 V3=0 T=0 M2=0 M3=2.87077278146332 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR149 CaseType=Combination P=-40.7454895641145 V2=155.808959046843 V3=0 T=0 M2=0 M3=50.9460975849197 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.7454895641145 V2=158.973021546843 V3=0 T=0 M2=0 M3=-8.07552377639635 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR150 CaseType=Combination P=-31.6018026038494 V2=58.7727573927663 V3=0 T=0 M2=0 M3=34.5009055877239 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR150 CaseType=Combination P=-31.6018026038494 V2=61.1165073927663 V3=0 T=0 M2=0 M3=12.0216684404366 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR151 CaseType=Combination P=-46.8208525926237 V2=54.4297478062237 V3=0 T=0 M2=0 M3=21.9259804349108 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR151 CaseType=Combination P=-46.8208525926237 V2=56.7734978062237 V3=0 T=0 M2=0 M3=1.07537188257689 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR152 CaseType=Combination P=-25.165931900143 V2=141.096281483231 V3=0 T=0 M2=0 M3=64.7340780400804 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR152 CaseType=Combination P=-25.165931900143 V2=144.260343983231 V3=0 T=0 M2=0 M3=11.2297107651187 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR153 CaseType=Combination P=-13.3630706838709 V2=135.200206475427 V3=0 T=0 M2=0 M3=43.194655479091 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR153 CaseType=Combination P=-13.3630706838709 V2=138.364268975427 V3=0 T=0 M2=0 M3=-8.09868366794407 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR154 CaseType=Combination P=-26.4584214950183 V2=138.89273293816 V3=0 T=0 M2=0 M3=56.3449410183979 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR154 CaseType=Combination P=-26.4584214950183 V2=142.05679543816 V3=0 T=0 M2=0 M3=3.66694444783798 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR155 CaseType=Combination P=-39.5537723081622 V2=135.22857614542 V3=0 T=0 M2=0 M3=45.7748433724955 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR155 CaseType=Combination P=-39.5537723081622 V2=138.39263864542 V3=0 T=0 M2=0 M3=-5.52913440078697 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR156 CaseType=Combination P=-30.7705930227798 V2=58.101279743804 V3=0 T=0 M2=0 M3=33.1668787708048 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR156 CaseType=Combination P=-30.7705930227798 V2=60.445029743804 V3=0 T=0 M2=0 M3=10.9394457418783 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR157 CaseType=Combination P=-43.8659438359237 V2=54.437122951064 V3=0 T=0 M2=0 M3=22.5967411249024 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR157 CaseType=Combination P=-43.8659438359237 V2=56.780872951064 V3=0 T=0 M2=0 M3=1.74336689325334 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR158 CaseType=Combination P=-30.2261668529522 V2=73.4326199354554 V3=0 T=0 M2=0 M3=25.2764029911775 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR158 CaseType=Combination P=-30.2261668529522 V2=76.5966824354554 V3=0 T=0 M2=0 M3=-2.85409120336826 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR159 CaseType=Combination P=-16.7776602815008 V2=73.4190680909739 V3=0 T=0 M2=0 M3=24.0438787822592 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR159 CaseType=Combination P=-16.7776602815008 V2=76.5831305909739 V3=0 T=0 M2=0 M3=-4.08153347060597 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR160 CaseType=Combination P=-11.4880857792579 V2=135.182342229763 V3=0 T=0 M2=0 M3=41.5699234895064 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR160 CaseType=Combination P=-11.4880857792579 V2=138.346404729763 V3=0 T=0 M2=0 M3=-9.71671656540476 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR161 CaseType=Combination P=-24.5834365904052 V2=138.874868692496 V3=0 T=0 M2=0 M3=54.7202490288134 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR161 CaseType=Combination P=-24.5834365904052 V2=142.038931192496 V3=0 T=0 M2=0 M3=2.0489115503773 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR162 CaseType=Combination P=-37.6787874035491 V2=135.210711899756 V3=0 T=0 M2=0 M3=44.1501113829109 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR162 CaseType=Combination P=-37.6787874035491 V2=138.374774399756 V3=0 T=0 M2=0 M3=-7.14716729824766 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR163 CaseType=Combination P=-28.8956081181668 V2=58.0834154981402 V3=0 T=0 M2=0 M3=31.5421467812202 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR163 CaseType=Combination P=-28.8956081181668 V2=60.4271654981402 V3=0 T=0 M2=0 M3=9.3214128444176 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR164 CaseType=Combination P=-41.9909589313107 V2=54.4192587054003 V3=0 T=0 M2=0 M3=20.9720091353178 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR164 CaseType=Combination P=-41.9909589313107 V2=56.7630087054003 V3=0 T=0 M2=0 M3=0.12533399579265 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR165 CaseType=Combination P=-33.9761366621784 V2=73.4683484267829 V3=0 T=0 M2=0 M3=28.5258669703467 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR165 CaseType=Combination P=-33.9761366621784 V2=76.6324109267829 V3=0 T=0 M2=0 M3=0.381974591553116 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR166 CaseType=Combination P=-20.5276300907269 V2=73.4547965823013 V3=0 T=0 M2=0 M3=27.2933427614284 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR166 CaseType=Combination P=-20.5276300907269 V2=76.6188590823013 V3=0 T=0 M2=0 M3=-0.845467675684588 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR167 CaseType=Combination P=-15.238055588484 V2=135.218070721091 V3=0 T=0 M2=0 M3=44.8193874686756 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR167 CaseType=Combination P=-15.238055588484 V2=138.382133221091 V3=0 T=0 M2=0 M3=-6.48065077048339 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR168 CaseType=Combination P=-28.3334063996314 V2=138.910597183824 V3=0 T=0 M2=0 M3=57.9697130079825 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR168 CaseType=Combination P=-28.3334063996314 V2=142.074659683824 V3=0 T=0 M2=0 M3=5.28497734529867 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR169 CaseType=Combination P=-41.4287572127752 V2=135.246440391084 V3=0 T=0 M2=0 M3=47.3995753620801 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR169 CaseType=Combination P=-41.4287572127752 V2=138.410502891084 V3=0 T=0 M2=0 M3=-3.91110150332628 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR170 CaseType=Combination P=-32.645579273929 V2=58.1191439894677 V3=0 T=0 M2=0 M3=34.7916107603894 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR170 CaseType=Combination P=-32.645579273929 V2=60.4628939894677 V3=0 T=0 M2=0 M3=12.557478639339 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR171 CaseType=Combination P=-45.7409287405368 V2=54.4549871967278 V3=0 T=0 M2=0 M3=24.2214731144869 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR171 CaseType=Combination P=-45.7409287405368 V2=56.7987371967278 V3=0 T=0 M2=0 M3=3.36139979071403 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR172 CaseType=Combination P=-32.9275370884924 V2=74.1039086107305 V3=0 T=0 M2=0 M3=28.034027639497 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR172 CaseType=Combination P=-32.9275370884924 V2=77.2679711107305 V3=0 T=0 M2=0 M3=-0.348199808276958 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR173 CaseType=Combination P=-19.479030517041 V2=74.090356766249 V3=0 T=0 M2=0 M3=26.8015034305787 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR173 CaseType=Combination P=-19.479030517041 V2=77.254419266249 V3=0 T=0 M2=0 M3=-1.57564207551466 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR174 CaseType=Combination P=-14.189456014798 V2=135.853630905038 V3=0 T=0 M2=0 M3=44.3275481378259 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR174 CaseType=Combination P=-14.189456014798 V2=139.017693405038 V3=0 T=0 M2=0 M3=-7.21082517031346 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=STR175 CaseType=Combination P=-27.2848068259454 V2=139.546157367771 V3=0 T=0 M2=0 M3=57.4778736771328 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR175 CaseType=Combination P=-27.2848068259454 V2=142.710219867771 V3=0 T=0 M2=0 M3=4.5548029454686 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR176 CaseType=Combination P=-40.3801576390893 V2=135.882000575031 V3=0 T=0 M2=0 M3=46.9077360312304 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR176 CaseType=Combination P=-40.3801576390893 V2=139.046063075031 V3=0 T=0 M2=0 M3=-4.64127590315636 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR177 CaseType=Combination P=-31.5969783537069 V2=58.7547041734154 V3=0 T=0 M2=0 M3=34.2997714295397 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR177 CaseType=Combination P=-31.5969783537069 V2=61.0984541734154 V3=0 T=0 M2=0 M3=11.8273042395089 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR178 CaseType=Combination P=-44.6923291668508 V2=55.0905473806754 V3=0 T=0 M2=0 M3=23.7296337836372 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR178 CaseType=Combination P=-44.6923291668508 V2=57.4342973806754 V3=0 T=0 M2=0 M3=2.63122539088395 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR179 CaseType=Combination P=-32.9275370884924 V2=74.1039086107305 V3=0 T=0 M2=0 M3=28.034027639497 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR179 CaseType=Combination P=-32.9275370884924 V2=77.2679711107305 V3=0 T=0 M2=0 M3=-0.348199808276958 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR180 CaseType=Combination P=-31.2747664266382 V2=72.7970597515077 V3=0 T=0 M2=0 M3=25.7682423220272 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR180 CaseType=Combination P=-31.2747664266382 V2=75.9611222515077 V3=0 T=0 M2=0 M3=-2.12391680353818 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR181 CaseType=Combination P=-17.8262598551868 V2=72.7835079070262 V3=0 T=0 M2=0 M3=24.5357181131089 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR181 CaseType=Combination P=-17.8262598551868 V2=75.9475704070262 V3=0 T=0 M2=0 M3=-3.35135907077589 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR182 CaseType=Combination P=-12.5366853529438 V2=134.546782045816 V3=0 T=0 M2=0 M3=42.0617628203561 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR182 CaseType=Combination P=-12.5366853529438 V2=137.710844545816 V3=0 T=0 M2=0 M3=-8.98654216557469 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR183 CaseType=Combination P=-25.6320361640912 V2=138.239308508549 V3=0 T=0 M2=0 M3=55.2120883596631 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR183 CaseType=Combination P=-25.6320361640912 V2=141.403371008549 V3=0 T=0 M2=0 M3=2.77908595020737 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR184 CaseType=Combination P=-38.7273869772351 V2=134.575151715809 V3=0 T=0 M2=0 M3=44.6419507137606 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR184 CaseType=Combination P=-38.7273869772351 V2=137.739214215809 V3=0 T=0 M2=0 M3=-6.41699289841758 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR185 CaseType=Combination P=-29.9442076918527 V2=57.4478553141925 V3=0 T=0 M2=0 M3=32.0339861120699 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR185 CaseType=Combination P=-29.9442076918527 V2=59.7916053141925 V3=0 T=0 M2=0 M3=10.0515872442477 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR186 CaseType=Combination P=-43.0395585049966 V2=53.7836985214526 V3=0 T=0 M2=0 M3=21.4638484661675 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR186 CaseType=Combination P=-43.0395585049966 V2=56.1274485214526 V3=0 T=0 M2=0 M3=0.855508395622724 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=STR187 CaseType=Combination P=-31.2747664266382 V2=72.7970597515077 V3=0 T=0 M2=0 M3=25.7682423220272 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=STR187 CaseType=Combination P=-31.2747664266382 V2=75.9611222515077 V3=0 T=0 M2=0 M3=-2.12391680353818 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652630553 V2=160.786921432981 V3=0 T=0 M2=0 M3=64.7340780400804 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652630553 V2=163.950983932981 V3=0 T=0 M2=0 M3=12.557478639339 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.8208525926237 V2=53.2994319393541 V3=0 T=0 M2=0 M3=15.9560070214757 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.8208525926237 V2=55.6431819393541 V3=0 T=0 M2=0 M3=-14.4716736879665 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS01 CaseType=Combination P=-26.5546953447358 V2=57.5754660772485 V3=0 T=0 M2=0 M3=37.8445993259161 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-26.5546953447358 V2=59.9192160772485 V3=0 T=0 M2=0 M3=15.8143464219479 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS02 CaseType=Combination P=-25.2526224943101 V2=57.5630603510932 V3=0 T=0 M2=0 M3=36.7163132220379 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-25.2526224943101 V2=59.9068103510932 V3=0 T=0 M2=0 M3=14.6907124653779 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS03 CaseType=Combination P=-27.8567681951616 V2=57.5878718034039 V3=0 T=0 M2=0 M3=38.9728854297942 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-27.8567681951616 V2=59.9316218034039 V3=0 T=0 M2=0 M3=16.9379803785178 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS04 CaseType=Combination P=-27.1285740467685 V2=58.0292330422565 V3=0 T=0 M2=0 M3=38.6313303389264 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-27.1285740467685 V2=60.3729830422565 V3=0 T=0 M2=0 M3=16.4309148230802 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS05 CaseType=Combination P=-25.9808166427031 V2=57.1216991122406 V3=0 T=0 M2=0 M3=37.057865129057 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-25.9808166427031 V2=59.4654491122406 V3=0 T=0 M2=0 M3=15.1977780208155 FrameElem=42-1 ElemStation=0.375

PROGETTO SDR

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Frame=42 Station=0 OutputCase=SIS06 CaseType=Combination P=-27.901038672076 V2=57.5882935980932 V3=0 T=0 M2=0 M3=39.0112471573261 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-27.901038672076 V2=59.9320435980932 V3=0 T=0 M2=0 M3=16.9761839330412 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS07 CaseType=Combination P=-25.8265011963428 V2=58.0168273161011 V3=0 T=0 M2=0 M3=37.5030442350482 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-25.8265011963428 V2=60.3605773161011 V3=0 T=0 M2=0 M3=15.3072808665103 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS08 CaseType=Combination P=-24.6787437922774 V2=57.1092933860852 V3=0 T=0 M2=0 M3=35.9295822090275 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-24.6787437922774 V2=59.4530433860852 V3=0 T=0 M2=0 M3=14.0741440642456 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS09 CaseType=Combination P=-26.5989658216503 V2=57.5758878719378 V3=0 T=0 M2=0 M3=37.8829610534479 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-26.5989658216503 V2=59.9196378719378 V3=0 T=0 M2=0 M3=15.8525499764713 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS10 CaseType=Combination P=-26.4555953344677 V2=61.5487309129718 V3=0 T=0 M2=0 M3=39.0179584544692 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-26.4555953344677 V2=63.8924809129718 V3=0 T=0 M2=0 M3=15.4977312371048 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS11 CaseType=Combination P=-25.153522484042 V2=61.5363251868164 V3=0 T=0 M2=0 M3=37.889672350591 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-25.153522484042 V2=63.8800751868164 V3=0 T=0 M2=0 M3=14.3740972805349 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS12 CaseType=Combination P=-27.7576681848935 V2=61.5611366391271 V3=0 T=0 M2=0 M3=40.1462445583474 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-27.7576681848935 V2=63.9048866391271 V3=0 T=0 M2=0 M3=16.6213651936747 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS13 CaseType=Combination P=-27.0294740365004 V2=62.0024978779797 V3=0 T=0 M2=0 M3=39.8046896474795 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-27.0294740365004 V2=64.3462478779797 V3=0 T=0 M2=0 M3=16.1142996382372 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS14 CaseType=Combination P=-25.881716632435 V2=61.0949639479638 V3=0 T=0 M2=0 M3=38.2312274414589 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-25.881716632435 V2=63.4387139479638 V3=0 T=0 M2=0 M3=14.8811628359724 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS15 CaseType=Combination P=-27.8019386618079 V2=61.5615584338164 V3=0 T=0 M2=0 M3=40.1846062858793 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-27.8019386618079 V2=63.9053084338164 V3=0 T=0 M2=0 M3=16.6595687481981 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS16 CaseType=Combination P=-25.7274011860747 V2=61.9900921518243 V3=0 T=0 M2=0 M3=38.6764033636014 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-25.7274011860747 V2=64.3338421518243 V3=0 T=0 M2=0 M3=14.9906656816672 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS17 CaseType=Combination P=-24.5796437820093 V2=61.0825582218085 V3=0 T=0 M2=0 M3=37.1029413375807 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-24.5796437820093 V2=63.4263082218085 V3=0 T=0 M2=0 M3=13.7575288794025 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS18 CaseType=Combination P=-26.4998658113822 V2=61.5491527076611 V3=0 T=0 M2=0 M3=39.0563201820011 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-26.4998658113822 V2=63.8929027076611 V3=0 T=0 M2=0 M3=15.5359347916282 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS19 CaseType=Combination P=-26.6703120240339 V2=50.4951757364428 V3=0 T=0 M2=0 M3=26.3142381587161 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-26.6703120240339 V2=52.8389257364428 V3=0 T=0 M2=0 M3=6.93909413255001 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS20 CaseType=Combination P=-25.3682391736081 V2=50.4827700102874 V3=0 T=0 M2=0 M3=25.1859520548379 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-25.3682391736081 V2=52.8265200102874 V3=0 T=0 M2=0 M3=5.81546017598009 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS21 CaseType=Combination P=-27.9723848744596 V2=50.5075814625982 V3=0 T=0 M2=0 M3=27.4425242625942 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-27.9723848744596 V2=52.8513314625982 V3=0 T=0 M2=0 M3=8.06272808911993 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS22 CaseType=Combination P=-27.2441907260666 V2=50.9489427014507 V3=0 T=0 M2=0 M3=27.1009691717264 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-27.2441907260666 V2=53.2926927014507 V3=0 T=0 M2=0 M3=7.55566253368238 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS23 CaseType=Combination P=-26.0964333220012 V2=50.0414087714349 V3=0 T=0 M2=0 M3=25.5275071457057 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-26.0964333220012 V2=52.3851587714349 V3=0 T=0 M2=0 M3=6.32252573141764 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS24 CaseType=Combination P=-28.0166553513741 V2=50.5080032572874 V3=0 T=0 M2=0 M3=27.4808859901261 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-28.0166553513741 V2=52.8517532572874 V3=0 T=0 M2=0 M3=8.10093164364332 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS25 CaseType=Combination P=-25.9421178756408 V2=50.9365369752953 V3=0 T=0 M2=0 M3=25.9726830678482 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-25.9421178756408 V2=53.2802869752953 V3=0 T=0 M2=0 M3=6.43202857711246 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=SIS26 CaseType=Combination P=-24.7943604715754 V2=50.0290030452795 V3=0 T=0 M2=0 M3=24.3992210418275 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-24.7943604715754 V2=52.3727530452795 V3=0 T=0 M2=0 M3=5.19889177484772 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS27 CaseType=Combination P=-26.7145825009483 V2=50.4955975311321 V3=0 T=0 M2=0 M3=26.3525998862479 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-26.7145825009483 V2=52.8393475311321 V3=0 T=0 M2=0 M3=6.9772976870734 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS28 CaseType=Combination P=-26.3399786564735 V2=63.7393918555203 V3=0 T=0 M2=0 M3=30.2254352538932 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-26.3399786564735 V2=66.0831418555203 V3=0 T=0 M2=0 M3=5.88371018307312 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS29 CaseType=Combination P=-25.0379058060478 V2=63.7269861293649 V3=0 T=0 M2=0 M3=29.097149150015 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-25.0379058060478 V2=66.0707361293649 V3=0 T=0 M2=0 M3=4.76007622650319 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS30 CaseType=Combination P=-27.6420515068993 V2=63.7517975816756 V3=0 T=0 M2=0 M3=31.3537213577714 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-27.6420515068993 V2=66.0955475816756 V3=0 T=0 M2=0 M3=7.00734413964304 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS31 CaseType=Combination P=-26.9138573585062 V2=64.1931588205282 V3=0 T=0 M2=0 M3=31.0121662669036 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-26.9138573585062 V2=66.5369088205282 V3=0 T=0 M2=0 M3=6.50027858420549 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS32 CaseType=Combination P=-25.7660999544408 V2=63.2856248905123 V3=0 T=0 M2=0 M3=29.4387042408829 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-25.7660999544408 V2=65.6293748905123 V3=0 T=0 M2=0 M3=5.26714178194075 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS33 CaseType=Combination P=-27.6863219838138 V2=63.7522193763649 V3=0 T=0 M2=0 M3=31.3920830853033 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-27.6863219838138 V2=66.0959693763649 V3=0 T=0 M2=0 M3=7.04554769416643 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS34 CaseType=Combination P=-25.6117845080805 V2=64.1807530943728 V3=0 T=0 M2=0 M3=29.8838801630254 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-25.6117845080805 V2=66.5245030943728 V3=0 T=0 M2=0 M3=5.37664462763557 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS35 CaseType=Combination P=-24.4640271040151 V2=63.273219164357 V3=0 T=0 M2=0 M3=28.3104181370047 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-24.4640271040151 V2=65.616969164357 V3=0 T=0 M2=0 M3=4.14350782537083 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=SIS36 CaseType=Combination P=-26.384249133388 V2=63.7398136502095 V3=0 T=0 M2=0 M3=30.2637969814251 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-26.384249133388 V2=66.0835636502096 V3=0 T=0 M2=0 M3=5.92191373759651 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271040151 V2=64.1931588205282 V3=0 T=0 M2=0 M3=40.184602858793 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271040151 V2=66.5369088205282 V3=0 T=0 M2=0 M3=16.9761839330412 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553513741 V2=50.0290030452795 V3=0 T=0 M2=0 M3=24.3992210418275 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553513741 V2=52.3727530452795 V3=0 T=0 M2=0 M3=4.14350782537083 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR001 CaseType=Combination P=-21.385131682925 V2=54.3849615785866 V3=0 T=0 M2=0 M3=17.8527260632429 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-21.385131682925 V2=56.7287115785866 V3=0 T=0 M2=0 M3=-2.98108765372706 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR002 CaseType=Combination P=-9.21974711268958 V2=115.378731812564 V3=0 T=0 M2=0 M3=34.5262722210492 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-9.21974711268958 V2=117.722481812564 V3=0 T=0 M2=0 M3=-9.18020533366234 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR003 CaseType=Combination P=-18.9827458418189 V2=118.25178247384 V3=0 T=0 M2=0 M3=44.7847463748342 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-18.9827458418189 V2=120.59553247384 V3=0 T=0 M2=0 M3=8.74822144282916E-04 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR004 CaseType=Combination P=-28.7457445724034 V2=115.400361049501 V3=0 T=0 M2=0 M3=36.4934257093994 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-28.7457445724034 V2=117.744111049501 V3=0 T=0 M2=0 M3=-7.2211628091635 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR005 CaseType=Combination P=-24.2070169551453 V2=57.2510178923194 V3=0 T=0 M2=0 M3=27.4750725898987 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-24.2070169551453 V2=59.5947678923194 V3=0 T=0 M2=0 M3=5.5664877552789 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR006 CaseType=Combination P=-33.9700156857298 V2=54.3995964679807 V3=0 T=0 M2=0 M3=19.1837519244639 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-33.9700156857298 V2=56.7433464679807 V3=0 T=0 M2=0 M3=-1.65554987602889 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR007 CaseType=Combination P=-18.7157031194507 V2=104.136458658911 V3=0 T=0 M2=0 M3=45.6833058580546 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-18.7157031194507 V2=106.480208658911 V3=0 T=0 M2=0 M3=6.19268073596311 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR008 CaseType=Combination P=-11.8398725251645 V2=54.3531557787331 V3=0 T=0 M2=0 M3=14.9600262283573 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-11.8398725251645 V2=56.6969057787331 V3=0 T=0 M2=0 M3=-5.86186031366757 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR009 CaseType=Combination P=-7.65725969217869 V2=115.363844941178 V3=0 T=0 M2=0 M3=33.1723288963954 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-7.65725969217869 V2=117.707594941178 V3=0 T=0 M2=0 M3=-10.5285660815463 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR010 CaseType=Combination P=-17.420258421308 V2=118.236895602453 V3=0 T=0 M2=0 M3=43.4308030501804 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-17.420258421308 V2=120.580645602453 V3=0 T=0 M2=0 M3=-1.34748592573962 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR011 CaseType=Combination P=-27.1832571518925 V2=115.385474178115 V3=0 T=0 M2=0 M3=35.1394823847456 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-27.1832571518925 V2=117.729224178115 V3=0 T=0 M2=0 M3=-8.56952355704741 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR012 CaseType=Combination P=-22.6445295346344 V2=57.236131020933 V3=0 T=0 M2=0 M3=26.1211292652449 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-22.6445295346344 V2=59.579881020933 V3=0 T=0 M2=0 M3=4.21812700739499 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR013 CaseType=Combination P=-32.4075282652189 V2=54.3847095965943 V3=0 T=0 M2=0 M3=17.8298085998101 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-32.4075282652189 V2=56.7284595965943 V3=0 T=0 M2=0 M3=-3.00391062391279 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR014 CaseType=Combination P=-17.1532156989398 V2=104.121571787524 V3=0 T=0 M2=0 M3=44.3293625334008 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-17.1532156989398 V2=106.465321787524 V3=0 T=0 M2=0 M3=4.8443199880792 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR015 CaseType=Combination P=-7.92166919016969 V2=100.103729214873 V3=0 T=0 M2=0 M3=27.942281567059 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-7.92166919016969 V2=102.447479214873 V3=0 T=0 M2=0 M3=-10.0360700135185 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR016 CaseType=Combination P=-16.1115574190648 V2=102.470267232465 V3=0 T=0 M2=0 M3=36.3829714726418 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-16.1115574190648 V2=104.814017232465 V3=0 T=0 M2=0 M3=-2.48283186453254 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR017 CaseType=Combination P=-24.3014456491823 V2=100.121699729462 V3=0 T=0 M2=0 M3=29.5766785901039 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-24.3014456491823 V2=102.465449729462 V3=0 T=0 M2=0 M3=-8.40841193344423 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR018 CaseType=Combination P=-20.0297607540596 V2=56.7196937963248 V3=0 T=0 M2=0 M3=23.4007161339402 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-20.0297607540596 V2=59.0634437963248 V3=0 T=0 M2=0 M3=1.69137783531843 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR019 CaseType=Combination P=-28.2196489841771 V2=54.3711262933214 V3=0 T=0 M2=0 M3=16.5944232514023 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-28.2196489841771 V2=56.7148762933214 V3=0 T=0 M2=0 M3=-4.23420223359327 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR020 CaseType=Combination P=-12.5285269676037 V2=54.8976761367426 V3=0 T=0 M2=0 M3=15.9041034439697 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-12.5285269676037 V2=57.2414261367426 V3=0 T=0 M2=0 M3=-5.12197823230873 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR021 CaseType=Combination P=-8.61032363260894 V2=100.648249572883 V3=0 T=0 M2=0 M3=28.8863587826714 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-8.61032363260894 V2=102.991999572883 V3=0 T=0 M2=0 M3=-9.29618793215969 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR022 CaseType=Combination P=-16.8002118615041 V2=103.014787590475 V3=0 T=0 M2=0 M3=37.3270486882543 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-16.8002118615041 V2=105.358537590475 V3=0 T=0 M2=0 M3=-1.74294978317369 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR023 CaseType=Combination P=-24.9901000916216 V2=100.666220087471 V3=0 T=0 M2=0 M3=30.5207558057163 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-24.9901000916216 V2=103.009970087471 V3=0 T=0 M2=0 M3=-7.66852985208539 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR024 CaseType=Combination P=-20.7184151964989 V2=57.2642141543343 V3=0 T=0 M2=0 M3=24.3447933495526 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-20.7184151964989 V2=59.6079641543343 V3=0 T=0 M2=0 M3=2.43125991667727 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR025 CaseType=Combination P=-28.9083034266164 V2=54.9156466513309 V3=0 T=0 M2=0 M3=17.5385004670147 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-28.9083034266164 V2=57.2593966513309 V3=0 T=0 M2=0 M3=-3.49432015223443 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR026 CaseType=Combination P=-11.1512180827252 V2=53.8086354207236 V3=0 T=0 M2=0 M3=14.0159490127449 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-11.1512180827252 V2=56.1523854207236 V3=0 T=0 M2=0 M3=6.601742339502641 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR027 CaseType=Combination P=-7.23301474773045 V2=99.5592088568638 V3=0 T=0 M2=0 M3=26.9982043514466 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-7.23301474773045 V2=101.902958856864 V3=0 T=0 M2=0 M3=-10.17759520948774 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR028 CaseType=Combination P=-15.4229029766256 V2=101.925746874456 V3=0 T=0 M2=0 M3=35.4388942570294 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-15.4229029766256 V2=104.269496874456 V3=0 T=0 M2=0 M3=-3.22271394589138 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR029 CaseType=Combination P=-23.6127912067431 V2=99.5771793714522 V3=0 T=0 M2=0 M3=28.6326013744915 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-23.6127912067431 V2=101.920929371452 V3=0 T=0 M2=0 M3=-9.14829401480308 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR030 CaseType=Combination P=-19.3411063116204 V2=56.1751734383153 V3=0 T=0 M2=0 M3=22.4566389183278 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-19.3411063116204 V2=58.5189234383153 V3=0 T=0 M2=0 M3=0.951495753959582 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR031 CaseType=Combination P=-27.5309945417379 V2=53.8266059353119 V3=0 T=0 M2=0 M3=15.6503460357899 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-27.5309945417379 V2=56.1703559353119 V3=0 T=0 M2=0 M3=-4.97408431495212 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR032 CaseType=Combination P=-13.4554845179727 V2=54.3685488037467 V3=0 T=0 M2=0 M3=16.3600036260494 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-13.4554845179727 V2=56.7122988037467 V3=0 T=0 M2=0 M3=-4.46765530035559 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR033 CaseType=Combination P=-9.53728118297795 V2=100.119122239887 V3=0 T=0 M2=0 M3=29.3422589647511 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-9.53728118297795 V2=102.462872239887 V3=0 T=0 M2=0 M3=-8.64186500020655 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR034 CaseType=Combination P=-17.7271694118731 V2=102.485660257479 V3=0 T=0 M2=0 M3=37.7829488703339 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-17.7271694118731 V2=104.829410257479 V3=0 T=0 M2=0 M3=-1.08862685122056 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR035 CaseType=Combination P=-25.9170576419906 V2=100.137092754475 V3=0 T=0 M2=0 M3=30.976655987796 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-25.9170576419906 V2=102.480842754475 V3=0 T=0 M2=0 M3=-7.01420692013226 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR036 CaseType=Combination P=-21.6453727468679 V2=56.7350868213383 V3=0 T=0 M2=0 M3=24.8006935316323 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-21.6453727468679 V2=59.0788368213383 V3=0 T=0 M2=0 M3=3.08558284863041 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR037 CaseType=Combination P=-29.8352609769854 V2=54.386519318335 V3=0 T=0 M2=0 M3=17.9944006490943 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-29.8352609769854 V2=56.730269318335 V3=0 T=0 M2=0 M3=-2.83999722028129 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR038 CaseType=Combination P=-17.0481639268674 V2=54.4027786833546 V3=0 T=0 M2=0 M3=19.4731706438701 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-17.0481639268674 V2=56.7465286833546 V3=0 T=0 M2=0 M3=-1.36732448738788 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.7822345332005 V2=115.393618683951 V3=0 T=0 M2=0 M3=35.8802155457031 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.7822345332005 V2=117.737368683951 V3=0 T=0 M2=0 M3=-7.83184458577844 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR040 CaseType=Combination P=-20.5452332623298 V2=118.26669345226 V3=0 T=0 M2=0 M3=46.138689699488 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-20.5452332623298 V2=120.610419345226 V3=0 T=0 M2=0 M3=1.34923557002819 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR041 CaseType=Combination P=-30.3082319929143 V2=115.415247920887 V3=0 T=0 M2=0 M3=37.8473690340532 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-30.3082319929143 V2=117.758997920887 V3=0 T=0 M2=0 M3=-5.8728020612796 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR042 CaseType=Combination P=-25.7695043756562 V2=57.2659047637058 V3=0 T=0 M2=0 M3=28.8290159145525 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-25.7695043756562 V2=59.6096547637058 V3=0 T=0 M2=0 M3=6.91484850316281 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR043 CaseType=Combination P=-35.5325031062407 V2=54.4144833393671 V3=0 T=0 M2=0 M3=20.5376952491177 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-35.5325031062407 V2=56.7582333393671 V3=0 T=0 M2=0 M3=-0.307189128144979 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR044 CaseType=Combination P=-20.2781905399615 V2=104.151345530297 V3=0 T=0 M2=0 M3=47.0372491827084 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-20.2781905399615 V2=106.495095530297 V3=0 T=0 M2=0 M3=7.54104148384701 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR045 CaseType=Combination P=-13.1299605918727 V2=100.153352119495 V3=0 T=0 M2=0 M3=32.4554259825717 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-13.1299605918727 V2=102.497102119495 V3=0 T=0 M2=0 M3=-5.54153418723884 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR046 CaseType=Combination P=-21.3198488207678 V2=102.519890137087 V3=0 T=0 M2=0 M3=40.8961158881546 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-21.3198488207678 V2=104.863640137087 V3=0 T=0 M2=0 M3=2.01170396174715 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR047 CaseType=Combination P=-29.5097370508853 V2=100.171322634083 V3=0 T=0 M2=0 M3=34.089820056166 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-29.5097370508853 V2=102.515072634083 V3=0 T=0 M2=0 M3=-3.91387610716455 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR048 CaseType=Combination P=-25.2380521557626 V2=56.7693167009462 V3=0 T=0 M2=0 M3=27.913860549453 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-25.2380521557626 V2=59.1130667009462 V3=0 T=0 M2=0 M3=6.18591366159812 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR049 CaseType=Combination P=-33.4279403858801 V2=54.4207491979429 V3=0 T=0 M2=0 M3=21.107567666915 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-33.4279403858801 V2=56.7644991979429 V3=0 T=0 M2=0 M3=0.260333592686416 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR050 CaseType=Combination P=-17.7368183693067 V2=54.9472990413641 V3=0 T=0 M2=0 M3=20.4172478594825 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-17.7368183693067 V2=57.2910490413641 V3=0 T=0 M2=0 M3=-0.627442406029038 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR051 CaseType=Combination P=-13.8186150343119 V2=100.697872477504 V3=0 T=0 M2=0 M3=33.3995031981841 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-13.8186150343119 V2=103.041622477504 V3=0 T=0 M2=0 M3=-4.80165210588 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR052 CaseType=Combination P=-22.008503263207 V2=103.064410495096 V3=0 T=0 M2=0 M3=41.840193103767 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-22.008503263207 V2=105.408160495096 V3=0 T=0 M2=0 M3=2.751586043106 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR053 CaseType=Combination P=-30.1983914933245 V2=100.715842992093 V3=0 T=0 M2=0 M3=35.0339002212291 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-30.1983914933245 V2=103.05952992093 V3=0 T=0 M2=0 M3=-3.1739940258057 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR054 CaseType=Combination P=-25.9267065982018 V2=57.3138370589558 V3=0 T=0 M2=0 M3=28.8579377650654 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-25.9267065982018 V2=59.6575870589558 V3=0 T=0 M2=0 M3=6.92579574295696 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR055 CaseType=Combination P=-34.1165948283193 V2=54.9652695559524 V3=0 T=0 M2=0 M3=22.0516448825274 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-34.1165948283193 V2=57.3090195559524 V3=0 T=0 M2=0 M3=1.00021567404526 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR056 CaseType=Combination P=-16.3595094844282 V2=53.8582583253451 V3=0 T=0 M2=0 M3=18.5290934282577 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-16.3595094844282 V2=56.2020083253451 V3=0 T=0 M2=0 M3=-2.10720656874673 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR057 CaseType=Combination P=-12.4413061494334 V2=99.6088317614853 V3=0 T=0 M2=0 M3=31.5113487669593 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-12.4413061494334 V2=101.952581761485 V3=0 T=0 M2=0 M3=-6.28141626859769 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR058 CaseType=Combination P=-20.6311943783286 V2=101.975369779077 V3=0 T=0 M2=0 M3=39.9520386725422 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-20.6311943783286 V2=104.319119779077 V3=0 T=0 M2=0 M3=1.27182188038831 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR059 CaseType=Combination P=-28.8210826084461 V2=99.6268022760737 V3=0 T=0 M2=0 M3=33.1457457900042 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-28.8210826084461 V2=101.970552276074 V3=0 T=0 M2=0 M3=-4.65375818852339 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR060 CaseType=Combination P=-24.5493977133233 V2=56.2247963429367 V3=0 T=0 M2=0 M3=26.9697833338405 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-24.5493977133233 V2=58.5685463429367 V3=0 T=0 M2=0 M3=5.44603158023927 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR061 CaseType=Combination P=-32.7392859434408 V2=53.8762288399334 V3=0 T=0 M2=0 M3=20.1634904513026 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-32.7392859434408 V2=56.2199788399334 V3=0 T=0 M2=0 M3=-0.479548488672429 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR062 CaseType=Combination P=-18.6637759196757 V2=54.4181717083682 V3=0 T=0 M2=0 M3=20.8731480415622 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-18.6637759196757 V2=56.7619217083682 V3=0 T=0 M2=0 M3=2.68805252940976E-02 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR063 CaseType=Combination P=-14.7455725846809 V2=100.168745144508 V3=0 T=0 M2=0 M3=33.8554033802638 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-14.7455725846809 V2=102.512495144508 V3=0 T=0 M2=0 M3=-4.14732917392687 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR064 CaseType=Combination P=-22.9354608135761 V2=102.5352831621 V3=0 T=0 M2=0 M3=42.2960932858467 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-22.9354608135761 V2=104.8790331621 V3=0 T=0 M2=0 M3=3.40590897505913 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR065 CaseType=Combination P=-31.1253490436936 V2=100.186715659097 V3=0 T=0 M2=0 M3=35.4898004033087 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-31.1253490436936 V2=102.530465659097 V3=0 T=0 M2=0 M3=-2.51967109385257 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR066 CaseType=Combination P=-26.8536641485708 V2=56.7847097259598 V3=0 T=0 M2=0 M3=29.313837947145 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-26.8536641485708 V2=59.1284597259598 V3=0 T=0 M2=0 M3=7.58011867491009 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR067 CaseType=Combination P=-35.0435523786883 V2=54.4361422229565 V3=0 T=0 M2=0 M3=22.5075450646071 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-35.0435523786883 V2=56.7798922229565 V3=0 T=0 M2=0 M3=1.6545386059984 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR068 CaseType=Combination P=-15.5917756300814 V2=55.2855011610597 V3=0 T=0 M2=0 M3=18.7900604621344 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-15.5917756300814 V2=57.6292511610597 V3=0 T=0 M2=0 M3=-2.38145559826299 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR069 CaseType=Combination P=-9.90840155512882 V2=115.923252170574 V3=0 T=0 M2=0 M3=35.4703494366616 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-9.90840155512882 V2=118.267002170574 V3=0 T=0 M2=0 M3=-8.4403232523035 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR070 CaseType=Combination P=-19.6714002842581 V2=118.796302831849 V3=0 T=0 M2=0 M3=45.7288235904466 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-19.6714002842581 V2=121.140052831849 V3=0 T=0 M2=0 M3=0.740756903503127 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR071 CaseType=Combination P=-29.4343990148427 V2=115.944881407511 V3=0 T=0 M2=0 M3=37.4375029250118 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-29.4343990148427 V2=118.288631407511 V3=0 T=0 M2=0 M3=-6.48128072780466 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR072 CaseType=Combination P=-24.8956713975845 V2=57.7955382503289 V3=0 T=0 M2=0 M3=28.4191498055111 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-24.8956713975845 V2=60.1392882503289 V3=0 T=0 M2=0 M3=6.30636983663774 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR073 CaseType=Combination P=-34.658670128169 V2=54.9441168259902 V3=0 T=0 M2=0 M3=20.1278291400763 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-34.658670128169 V2=57.2878668259902 V3=0 T=0 M2=0 M3=-0.915667794670041 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR074 CaseType=Combination P=-19.4043575618899 V2=104.68097901692 V3=0 T=0 M2=0 M3=46.627383073667 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-19.4043575618899 V2=107.02472901692 V3=0 T=0 M2=0 M3=6.93256281732195 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR075 CaseType=Combination P=-11.6735722950866 V2=101.0360745972 V3=0 T=0 M2=0 M3=31.772315800836 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-11.6735722950866 V2=103.3798245972 V3=0 T=0 M2=0 M3=-6.55566529811395 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR076 CaseType=Combination P=-19.8634605239817 V2=103.402612614792 V3=0 T=0 M2=0 M3=40.2130057064189 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-19.8634605239817 V2=105.746362614792 V3=0 T=0 M2=0 M3=0.997572850872049 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR077 CaseType=Combination P=-28.0533487540992 V2=101.054045111788 V3=0 T=0 M2=0 M3=33.406712823881 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-28.0533487540992 V2=103.397795111788 V3=0 T=0 M2=0 M3=-4.92800721803965 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR078 CaseType=Combination P=-23.7816638589765 V2=57.6520391786514 V3=0 T=0 M2=0 M3=27.2307503677173 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-23.7816638589765 V2=59.9957891786514 V3=0 T=0 M2=0 M3=5.17178255072301 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR079 CaseType=Combination P=-31.971552089094 V2=55.303471675648 V3=0 T=0 M2=0 M3=20.4244574851793 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-31.971552089094 V2=57.647221675648 V3=0 T=0 M2=0 M3=-0.753797518188688 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR080 CaseType=Combination P=-14.0292882095705 V2=55.2706142896732 V3=0 T=0 M2=0 M3=17.4361171374806 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-14.0292882095705 V2=57.6143642896732 V3=0 T=0 M2=0 M3=-3.72981634614689 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.1110848745757 V2=101.021187725813 V3=0 T=0 M2=0 M3=30.4183724761822 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.1110848745757 V2=103.364937725813 V3=0 T=0 M2=0 M3=-7.90402604599786 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.3009731034708 V2=103.387725743405 V3=0 T=0 M2=0 M3=38.8590623817651 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.3009731034708 V2=105.731475743405 V3=0 T=0 M2=0 M3=-0.350787897011858 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.4908613335883 V2=101.039158240402 V3=0 T=0 M2=0 M3=32.0527694992271 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.4908613335883 V2=103.382908240402 V3=0 T=0 M2=0 M3=-6.27636796592356 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR084 CaseType=Combination P=-22.2191764384656 V2=57.6371523072649 V3=0 T=0 M2=0 M3=25.8768070430634 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-22.2191764384656 V2=59.9809023072649 V3=0 T=0 M2=0 M3=3.8234218028391 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR085 CaseType=Combination P=-30.4090646685831 V2=55.2885848042616 V3=0 T=0 M2=0 M3=19.0705141605255 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-30.4090646685831 V2=57.6323348042616 V3=0 T=0 M2=0 M3=-2.10215826607259 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR086 CaseType=Combination P=-17.1542630505922 V2=55.3003880324461 V3=0 T=0 M2=0 M3=20.1440037867882 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-17.1542630505922 V2=57.6441380324461 V3=0 T=0 M2=0 M3=-1.03309485037908 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR087 CaseType=Combination P=-13.2360597155975 V2=101.050961468586 V3=0 T=0 M2=0 M3=33.1262791254899 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-13.2360597155975 V2=103.394711468586 V3=0 T=0 M2=0 M3=-5.20730455023004 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR088 CaseType=Combination P=-21.4259479444926 V2=103.417499486178 V3=0 T=0 M2=0 M3=41.5669490310727 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-21.4259479444926 V2=105.761249486178 V3=0 T=0 M2=0 M3=2.34593359875596 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR089 CaseType=Combination P=-29.6158361746101 V2=101.068931983175 V3=0 T=0 M2=0 M3=34.7606561485348 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-29.6158361746101 V2=103.412681983175 V3=0 T=0 M2=0 M3=-3.57964647015574 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR090 CaseType=Combination P=-25.3441512794874 V2=57.6669260500378 V3=0 T=0 M2=0 M3=28.5846936923711 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-25.3441512794874 V2=60.0106760500378 V3=0 T=0 M2=0 M3=6.52014329860692 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR091 CaseType=Combination P=-33.5340395096049 V2=55.3183585470345 V3=0 T=0 M2=0 M3=21.7784008098331 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-33.5340395096049 V2=57.6621085470345 V3=0 T=0 M2=0 M3=0.594563229695218 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR092 CaseType=Combination P=-17.2073876228896 V2=55.3008941860733 V3=0 T=0 M2=0 M3=20.1900378598265 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-17.2073876228896 V2=57.6446441860733 V3=0 T=0 M2=0 M3=-0.987250584951006 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR093 CaseType=Combination P=-13.2891842878948 V2=101.051467622214 V3=0 T=0 M2=0 M3=33.1722931985281 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-13.2891842878948 V2=103.395217622214 V3=0 T=0 M2=0 M3=-5.16146028480197 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR094 CaseType=Combination P=-21.47907251679 V2=103.418005639805 V3=0 T=0 M2=0 M3=41.612983104111 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-21.47907251679 V2=105.761755639805 V3=0 T=0 M2=0 M3=2.39177786418403 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR095 CaseType=Combination P=-29.6689607469075 V2=101.069438136802 V3=0 T=0 M2=0 M3=34.806690221573 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-29.6689607469075 V2=103.413188136802 V3=0 T=0 M2=0 M3=-3.53380220472767 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR096 CaseType=Combination P=-25.3972758517848 V2=57.6674322036649 V3=0 T=0 M2=0 M3=28.6307277654093 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-25.3972758517848 V2=60.0111822036649 V3=0 T=0 M2=0 M3=6.56598756403499 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR097 CaseType=Combination P=-33.5871640819023 V2=55.3188647006616 V3=0 T=0 M2=0 M3=21.8244348828714 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-33.5871640819023 V2=57.6626147006616 V3=0 T=0 M2=0 M3=0.640407495123291 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR098 CaseType=Combination P=-13.2962608219505 V2=53.470433301028 V3=0 T=0 M2=0 M3=15.643136410093 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-13.2962608219505 V2=55.814183301028 V3=0 T=0 M2=0 M3=-4.84772920279247 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR099 CaseType=Combination P=-8.53109267025034 V2=114.834211454555 V3=0 T=0 M2=0 M3=33.5821950054368 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-8.53109267025034 V2=117.177961454555 V3=0 T=0 M2=0 M3=-9.92008741502119 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR100 CaseType=Combination P=-18.2940913993797 V2=117.70726211583 V3=0 T=0 M2=0 M3=43.8406691592218 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-18.2940913993797 V2=120.05101211583 V3=0 T=0 M2=0 M3=0.739007259214561 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR101 CaseType=Combination P=-28.0570901299642 V2=114.855840691492 V3=0 T=0 M2=0 M3=35.549348493787 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-28.0570901299642 V2=117.199590691492 V3=0 T=0 M2=0 M3=-7.96104489052235 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR102 CaseType=Combination P=-23.518362512706 V2=56.7064975343099 V3=0 T=0 M2=0 M3=26.5309953742863 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-23.518362512706 V2=59.0502475343099 V3=0 T=0 M2=0 M3=4.82660567392005 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR103 CaseType=Combination P=-33.2813612432905 V2=53.8550761099712 V3=0 T=0 M2=0 M3=18.2396747088515 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-33.2813612432905 V2=56.1988261099712 V3=0 T=0 M2=0 M3=-2.39543195738773 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR104 CaseType=Combination P=-18.0270486770114 V2=103.591938300901 V3=0 T=0 M2=0 M3=44.7392286424422 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-18.0270486770114 V2=105.935688300901 V3=0 T=0 M2=0 M3=5.45279865460426 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR105 CaseType=Combination P=-9.37805748695576 V2=99.2210067371683 V3=0 T=0 M2=0 M3=28.6253917487947 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-9.37805748695576 V2=101.5647567371683 V3=0 T=0 M2=0 M3=-9.02193890264343 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR106 CaseType=Combination P=-17.5679457158509 V2=101.58754475476 V3=0 T=0 M2=0 M3=37.0660816543775 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-17.5679457158509 V2=103.93129475476 V3=0 T=0 M2=0 M3=-1.46870075365743 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR107 CaseType=Combination P=-25.7578339459684 V2=99.2389772517566 V3=0 T=0 M2=0 M3=30.2597867718396 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-25.7578339459684 V2=101.582727251757 V3=0 T=0 M2=0 M3=-7.39428082256913 FrameElem=42-1 ElemStation=0.375

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3782004RCECOAIDA1100000100

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Frame=42 Station=0 OutputCase=RAR108 CaseType=Combination P=-21.4861490508457 V2=55.8369713186197 V3=0 T=0 M2=0 M3=24.0838263156759 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-21.4861490508457 V2=58.1807213186197 V3=0 T=0 M2=0 M3=2.70550894619353 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR109 CaseType=Combination P=-29.6760372809632 V2=53.4884038156163 V3=0 T=0 M2=0 M3=17.277533433138 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-29.6760372809632 V2=55.8321538156163 V3=0 T=0 M2=0 M3=-3.22007112271817 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR110 CaseType=Combination P=-11.7337734014397 V2=53.4555464296416 V3=0 T=0 M2=0 M3=14.2891930854392 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-11.7337734014397 V2=55.7992964296416 V3=0 T=0 M2=0 M3=-6.19608995067637 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR111 CaseType=Combination P=-7.81557006644488 V2=99.2061198657818 V3=0 T=0 M2=0 M3=27.2714484241408 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-7.81557006644488 V2=101.549869865782 V3=0 T=0 M2=0 M3=-10.3702996505273 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR112 CaseType=Combination P=-16.00545829534 V2=101.572657883373 V3=0 T=0 M2=0 M3=35.7121383297237 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-16.00545829534 V2=103.916407883373 V3=0 T=0 M2=0 M3=-2.81706150154134 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR113 CaseType=Combination P=-24.1953465254575 V2=99.2240903803701 V3=0 T=0 M2=0 M3=28.9058454471858 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-24.1953465254575 V2=101.56784038037 V3=0 T=0 M2=0 M3=-8.74264157045304 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR114 CaseType=Combination P=-19.9236616303348 V2=55.8220844472332 V3=0 T=0 M2=0 M3=22.7298829910221 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-19.9236616303348 V2=58.1658344472332 V3=0 T=0 M2=0 M3=1.35714819830962 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR115 CaseType=Combination P=-28.1135498604523 V2=53.4735169442299 V3=0 T=0 M2=0 M3=15.9235901084841 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-28.1135498604523 V2=55.8172669442299 V3=0 T=0 M2=0 M3=-4.56843187060208 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR116 CaseType=Combination P=-14.8587482424614 V2=53.4853201724144 V3=0 T=0 M2=0 M3=16.9970797347469 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-14.8587482424614 V2=55.8290701724144 V3=0 T=0 M2=0 M3=-3.49936845490856 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR117 CaseType=Combination P=-10.9405449074667 V2=99.2358936085547 V3=0 T=0 M2=0 M3=29.9793350734485 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-10.9405449074667 V2=101.579643608555 V3=0 T=0 M2=0 M3=-7.67357815475952 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR118 CaseType=Combination P=-19.1304331363618 V2=101.602431626146 V3=0 T=0 M2=0 M3=38.4200249790314 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-19.1304331363618 V2=103.946181626146 V3=0 T=0 M2=0 M3=-0.120340005773526 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR119 CaseType=Combination P=-27.3203213664793 V2=99.253864123143 V3=0 T=0 M2=0 M3=31.6137320964934 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-27.3203213664793 V2=101.597614123143 V3=0 T=0 M2=0 M3=-6.04592007468523 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR120 CaseType=Combination P=-23.0486364713566 V2=55.8518581900061 V3=0 T=0 M2=0 M3=25.4377696403297 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-23.0486364713566 V2=58.1956081900061 V3=0 T=0 M2=0 M3=4.05386969407744 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR121 CaseType=Combination P=-31.2385247014741 V2=53.5032906870028 V3=0 T=0 M2=0 M3=18.6314767577918 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-31.2385247014741 V2=55.8470406870028 V3=0 T=0 M2=0 M3=-1.87171037483426 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR122 CaseType=Combination P=-14.9118728147588 V2=53.4858263260416 V3=0 T=0 M2=0 M3=17.0431138077851 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-14.9118728147588 V2=55.8295763260416 V3=0 T=0 M2=0 M3=-3.45352418948049 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR123 CaseType=Combination P=-10.993669479764 V2=99.2363997621818 V3=0 T=0 M2=0 M3=30.0253691464867 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-10.993669479764 V2=101.580149762182 V3=0 T=0 M2=0 M3=-7.62773388933145 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR124 CaseType=Combination P=-19.1835577086592 V2=101.602937779773 V3=0 T=0 M2=0 M3=38.4660590520696 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-19.1835577086592 V2=103.946687779773 V3=0 T=0 M2=0 M3=-7.44957403454525E-02 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR125 CaseType=Combination P=-27.3734459387767 V2=99.2543702767702 V3=0 T=0 M2=0 M3=31.6597661695317 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-27.3734459387767 V2=101.59812027677 V3=0 T=0 M2=0 M3=-6.00007580925715 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR126 CaseType=Combination P=-23.1017610436539 V2=55.8523643436332 V3=0 T=0 M2=0 M3=25.483803713368 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-23.1017610436539 V2=58.1961143436332 V3=0 T=0 M2=0 M3=4.09971395950551 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR127 CaseType=Combination P=-31.2916492737714 V2=53.5037968406299 V3=0 T=0 M2=0 M3=18.67751083083 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-31.2916492737714 V2=55.8475468406299 V3=0 T=0 M2=0 M3=-1.82586610940619 FrameElem=42-1 ElemStation=0.375

PROVATO SDR

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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
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Frame=42 Station=0 OutputCase=RAR128 CaseType=Combination P=-17.1367048806964 V2=54.40362222727332 V3=0 T=0 M2=0 M3=19.5498940989338 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-17.1367048806964 V2=56.7473222727332 V3=0 T=0 M2=0 M3=-1.29091737834109 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.8353591054978 V2=115.394124837578 V3=0 T=0 M2=0 M3=35.9262496187413 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.8353591054978 V2=117.737874837578 V3=0 T=0 M2=0 M3=-7.7860032035036 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR130 CaseType=Combination P=-20.5983578346272 V2=118.267175498853 V3=0 T=0 M2=0 M3=46.1847237725263 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-20.5983578346272 V2=120.610925498853 V3=0 T=0 M2=0 M3=1.39507983545626 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR131 CaseType=Combination P=-30.3613565652117 V2=115.415754074515 V3=0 T=0 M2=0 M3=37.8934031070915 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-30.3613565652117 V2=117.759504074515 V3=0 T=0 M2=0 M3=-5.82695779585152 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR132 CaseType=Combination P=-25.8226289479535 V2=57.266410917333 V3=0 T=0 M2=0 M3=28.8750499875907 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-25.8226289479535 V2=59.610160917333 V3=0 T=0 M2=0 M3=6.96069276859088 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR133 CaseType=Combination P=-35.585627678538 V2=54.4149894929943 V3=0 T=0 M2=0 M3=20.583729322156 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-35.585627678538 V2=56.7587394929943 V3=0 T=0 M2=0 M3=-0.261344862716906 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR134 CaseType=Combination P=-20.3313151122589 V2=104.151851683924 V3=0 T=0 M2=0 M3=47.0832832557467 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-20.3313151122589 V2=106.495601683924 V3=0 T=0 M2=0 M3=7.58688574927509 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR135 CaseType=Combination P=-13.2185015457016 V2=100.154195708873 V3=0 T=0 M2=0 M3=32.5321494376355 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-13.2185015457016 V2=102.497945708873 V3=0 T=0 M2=0 M3=-5.46512707819206 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR136 CaseType=Combination P=-21.4083897745967 V2=102.520733726465 V3=0 T=0 M2=0 M3=40.9728393432183 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-21.4083897745967 V2=104.864483726465 V3=0 T=0 M2=0 M3=2.08811107079394 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR137 CaseType=Combination P=-29.5982780047142 V2=100.172166223462 V3=0 T=0 M2=0 M3=34.1665464606804 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-29.5982780047142 V2=102.515916223462 V3=0 T=0 M2=0 M3=-3.83746899811776 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR138 CaseType=Combination P=-25.3265931095915 V2=56.7701602903248 V3=0 T=0 M2=0 M3=27.9905840045167 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-25.3265931095915 V2=59.1139102903248 V3=0 T=0 M2=0 M3=6.2623207706449 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR139 CaseType=Combination P=-33.516481339709 V2=54.4215927873215 V3=0 T=0 M2=0 M3=21.1842911219788 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-33.516481339709 V2=56.7653427873215 V3=0 T=0 M2=0 M3=0.336740701733204 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR140 CaseType=Combination P=-15.5742174601855 V2=54.3887354013467 V3=0 T=0 M2=0 M3=18.19595077428 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-15.5742174601855 V2=56.7324854013467 V3=0 T=0 M2=0 M3=-2.639278126225 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR141 CaseType=Combination P=-11.6560141251907 V2=100.139308837487 V3=0 T=0 M2=0 M3=31.1782061129816 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-11.6560141251907 V2=102.483058837487 V3=0 T=0 M2=0 M3=-6.81348782607596 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR142 CaseType=Combination P=-19.8459023540859 V2=102.505846855079 V3=0 T=0 M2=0 M3=39.6188960185645 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-19.8459023540859 V2=104.849596855079 V3=0 T=0 M2=0 M3=0.739750322910034 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR143 CaseType=Combination P=-28.0357905842034 V2=100.157279352075 V3=0 T=0 M2=0 M3=32.8126031360266 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-28.0357905842034 V2=102.501029352075 V3=0 T=0 M2=0 M3=-5.18582974600166 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR144 CaseType=Combination P=-23.7641056890806 V2=56.7552734189384 V3=0 T=0 M2=0 M3=26.6366406798629 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-23.7641056890806 V2=59.0990234189384 V3=0 T=0 M2=0 M3=4.913960022761 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR145 CaseType=Combination P=-31.9539939191981 V2=54.406705915935 V3=0 T=0 M2=0 M3=19.8303477973249 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-31.9539939191981 V2=56.750455915935 V3=0 T=0 M2=0 M3=-1.0116200461507 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR146 CaseType=Combination P=-18.6991923012073 V2=54.4185091441196 V3=0 T=0 M2=0 M3=20.9038374235877 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-18.6991923012073 V2=56.7622591441196 V3=0 T=0 M2=0 M3=5.74433695428125E-02 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR147 CaseType=Combination P=-14.7809889662125 V2=100.16908258026 V3=0 T=0 M2=0 M3=33.8860927622893 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-14.7809889662125 V2=102.51283258026 V3=0 T=0 M2=0 M3=-4.11676633030815 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=RAR148 CaseType=Combination P=-22.9708771951076 V2=102.535620597852 V3=0 T=0 M2=0 M3=42.3267826678722 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-22.9708771951076 V2=104.879370597852 V3=0 T=0 M2=0 M3=3.43647181867785 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR149 CaseType=Combination P=-31.1607654252251 V2=100.187053094848 V3=0 T=0 M2=0 M3=35.5204897853342 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-31.1607654252251 V2=102.530803094848 V3=0 T=0 M2=0 M3=-2.48910825023385 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR150 CaseType=Combination P=-26.8890805301024 V2=56.7850471617113 V3=0 T=0 M2=0 M3=29.3445273291705 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-26.8890805301024 V2=59.1287971617113 V3=0 T=0 M2=0 M3=7.61068151852881 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR151 CaseType=Combination P=-35.0789687602199 V2=54.4364796587079 V3=0 T=0 M2=0 M3=22.5382344466326 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-35.0789687602199 V2=56.7802296587079 V3=0 T=0 M2=0 M3=1.68510144961711 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR152 CaseType=Combination P=-17.825393231356 V2=54.9481426307427 V3=0 T=0 M2=0 M3=20.4939713145462 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-17.825393231356 V2=57.2918926307427 V3=0 T=0 M2=0 M3=-0.55103529698225 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR153 CaseType=Combination P=-13.9071559881408 V2=100.698716066883 V3=0 T=0 M2=0 M3=33.4762266532479 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-13.9071559881408 V2=103.042466066883 V3=0 T=0 M2=0 M3=-4.72524499683321 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR154 CaseType=Combination P=-22.097044217036 V2=103.065254084475 V3=0 T=0 M2=0 M3=41.9169165588308 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-22.097044217036 V2=105.409004084475 V3=0 T=0 M2=0 M3=2.82799315215279 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR155 CaseType=Combination P=-30.2869324471535 V2=100.716686581471 V3=0 T=0 M2=0 M3=35.1106236762928 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-30.2869324471535 V2=103.060436581471 V3=0 T=0 M2=0 M3=-3.09758691675891 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR156 CaseType=Combination P=-26.0152475520308 V2=57.3146806483343 V3=0 T=0 M2=0 M3=28.9346612201291 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-26.0152475520308 V2=59.6584306483343 V3=0 T=0 M2=0 M3=7.00220285200375 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR157 CaseType=Combination P=-34.2051357821483 V2=54.966113145331 V3=0 T=0 M2=0 M3=22.1283683375912 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-34.2051357821483 V2=57.309863145331 V3=0 T=0 M2=0 M3=1.07662278309205 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR158 CaseType=Combination P=-16.4480504382571 V2=53.8591019147236 V3=0 T=0 M2=0 M3=18.6058168833214 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-16.4480504382571 V2=56.2028519147236 V3=0 T=0 M2=0 M3=-2.03079945969994 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR159 CaseType=Combination P=-12.5298471032624 V2=99.6096753508639 V3=0 T=0 M2=0 M3=31.5880722220231 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-12.5298471032624 V2=101.953425350864 V3=0 T=0 M2=0 M3=-6.2050091595509 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR160 CaseType=Combination P=-20.7197353321575 V2=101.976213368456 V3=0 T=0 M2=0 M3=40.0287621276059 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-20.7197353321575 V2=104.319963368456 V3=0 T=0 M2=0 M3=1.348289894351 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR161 CaseType=Combination P=-28.909623562275 V2=99.6276458654523 V3=0 T=0 M2=0 M3=33.222469245068 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-28.909623562275 V2=101.971395865452 V3=0 T=0 M2=0 M3=-4.5773510794766 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR162 CaseType=Combination P=-24.6379386671523 V2=56.2256399323153 V3=0 T=0 M2=0 M3=27.0465067889043 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-24.6379386671523 V2=58.5693899323153 V3=0 T=0 M2=0 M3=5.52243868928606 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=RAR163 CaseType=Combination P=-32.8278268972698 V2=53.877072429312 V3=0 T=0 M2=0 M3=20.2402139063664 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-32.8278268972698 V2=56.220822429312 V3=0 T=0 M2=0 M3=-0.403414137962564 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474773045 V2=118.796302831849 V3=0 T=0 M2=0 M3=47.0832832557467 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474773045 V2=121.140052831849 V3=0 T=0 M2=0 M3=7.61068151852881 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.585627678538 V2=53.4555464296416 V3=0 T=0 M2=0 M3=14.0159490127449 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.585627678538 V2=55.7992964296416 V3=0 T=0 M2=0 M3=-10.7759520948774 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE01 CaseType=Combination P=-21.385131682925 V2=54.3849615785866 V3=0 T=0 M2=0 M3=17.8527260632429 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-21.385131682925 V2=56.7287115785866 V3=0 T=0 M2=0 M3=-2.98108765372706 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.5258148910212 V2=100.128540667184 V3=0 T=0 M2=0 M3=30.1988537748153 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.5258148910212 V2=102.472290667184 V3=0 T=0 M2=0 M3=-7.78880210037869 FrameElem=42-1 ElemStation=0.375

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Frame=42 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.7157031199163 V2=102.495078684776 V3=0 T=0 M2=0 M3=38.6395436803982 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.7157031199163 V2=104.838828684776 V3=0 T=0 M2=0 M3=0.235563951392692 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.9055913500338 V2=100.146511181772 V3=0 T=0 M2=0 M3=31.8332507978603 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.9055913500338 V2=102.490261181772 V3=0 T=0 M2=0 M3=6.16114402030439 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE05 CaseType=Combination P=-22.6339064549111 V2=56.7445052486355 V3=0 T=0 M2=0 M3=25.6572883416966 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-22.6339064549111 V2=59.0882552486355 V3=0 T=0 M2=0 M3=3.93864574845827 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE06 CaseType=Combination P=-30.8237946850286 V2=54.3959377456322 V3=0 T=0 M2=0 M3=18.8509954591586 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-30.8237946850286 V2=56.7396877456322 V3=0 T=0 M2=0 M3=1.98693432045343 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE07 CaseType=Combination P=-12.8815308055051 V2=54.3630803596574 V3=0 T=0 M2=0 M3=15.8626551114599 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-12.8815308055051 V2=56.7068303596574 V3=0 T=0 M2=0 M3=4.96295314841163 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE08 CaseType=Combination P=-9.22374204059543 V2=100.116134941029 V3=0 T=0 M2=0 M3=29.0705676709372 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-9.22374204059543 V2=102.459884941029 V3=0 T=0 M2=0 M3=8.91243605694861 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE09 CaseType=Combination P=-17.4136302694906 V2=102.48267295862 V3=0 T=0 M2=0 M3=37.51125757652 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-17.4136302694906 V2=104.82642295862 V3=0 T=0 M2=0 M3=1.35919790796261 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE10 CaseType=Combination P=-25.6035184996081 V2=100.134105455617 V3=0 T=0 M2=0 M3=30.7049646939821 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-25.6035184996081 V2=102.477855455617 V3=0 T=0 M2=0 M3=7.28477797687431 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE11 CaseType=Combination P=-21.3318336044854 V2=56.7320995224801 V3=0 T=0 M2=0 M3=24.5290022378184 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-21.3318336044854 V2=59.0758495224801 V3=0 T=0 M2=0 M3=2.81501179188835 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE12 CaseType=Combination P=-29.5217218346029 V2=54.383520194768 V3=0 T=0 M2=0 M3=17.7227093552805 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-29.5217218346029 V2=56.7272820194768 V3=0 T=0 M2=0 M3=3.11056827702335 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE13 CaseType=Combination P=-13.4554095075378 V2=54.8168473246653 V3=0 T=0 M2=0 M3=16.6493861244702 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-13.4554095075378 V2=57.1605973246653 V3=0 T=0 M2=0 M3=4.34638474727926 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE14 CaseType=Combination P=-12.3076521034724 V2=53.9093133946495 V3=0 T=0 M2=0 M3=15.0759240984495 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-12.3076521034724 V2=56.2530633946495 V3=0 T=0 M2=0 M3=5.579521549544 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE15 CaseType=Combination P=-14.2278741328453 V2=54.3759078805021 V3=0 T=0 M2=0 M3=17.02930294287 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-14.2278741328453 V2=56.7196578805021 V3=0 T=0 M2=0 M3=3.80111563731832 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE16 CaseType=Combination P=-16.0065056465268 V2=54.3928541024303 V3=0 T=0 M2=0 M3=18.5705417607675 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-16.0065056465268 V2=56.7366041024303 V3=0 T=0 M2=0 M3=2.26623165264382 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE17 CaseType=Combination P=-11.8278877414469 V2=100.140946393339 V3=0 T=0 M2=0 M3=31.3271398786935 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-11.8278877414469 V2=102.484696393339 V3=0 T=0 M2=0 M3=6.66516814380877 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE18 CaseType=Combination P=-20.0177759703421 V2=102.507484410931 V3=0 T=0 M2=0 M3=39.7678297842764 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-20.0177759703421 V2=104.851234410931 V3=0 T=0 M2=0 M3=0.888070005177231 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE19 CaseType=Combination P=-28.2076642004596 V2=100.158916907928 V3=0 T=0 M2=0 M3=32.9615369017385 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-28.2076642004596 V2=102.502666907928 V3=0 T=0 M2=0 M3=5.03751006373447 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE20 CaseType=Combination P=-23.9359793053368 V2=56.7569109747909 V3=0 T=0 M2=0 M3=26.7855744455748 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-23.9359793053368 V2=59.1006609747909 V3=0 T=0 M2=0 M3=5.06227970502819 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE21 CaseType=Combination P=-32.1258675354543 V2=54.4083434717876 V3=0 T=0 M2=0 M3=19.9792815630368 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-32.1258675354543 V2=56.7520934717876 V3=0 T=0 M2=0 M3=0.863300363883507 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE22 CaseType=Combination P=-16.5803843485595 V2=54.8466210674382 V3=0 T=0 M2=0 M3=19.357272737779 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-16.5803843485595 V2=57.1903710674382 V3=0 T=0 M2=0 M3=1.64966325151145 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=FRE23 CaseType=Combination P=-15.4326269444941 V2=53.9390871374224 V3=0 T=0 M2=0 M3=17.7838107477572 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-15.4326269444941 V2=56.2828371374224 V3=0 T=0 M2=0 M3=2.88280005377619 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE24 CaseType=Combination P=-17.3528489738671 V2=54.4056816232749 V3=0 T=0 M2=0 M3=19.7371895921776 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-17.3528489738671 V2=56.7494316232749 V3=0 T=0 M2=0 M3=-1.1043941415505 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE25 CaseType=Combination P=-15.1326726684552 V2=54.9224875890533 V3=0 T=0 M2=0 M3=18.1606756517261 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-15.1326726684552 V2=57.2662375890533 V3=0 T=0 M2=0 M3=-2.87471031916888 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE26 CaseType=Combination P=-11.0996935930539 V2=100.582307632192 V3=0 T=0 M2=0 M3=30.9855847878257 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-11.0996935930539 V2=102.926057632192 V3=0 T=0 M2=0 M3=-7.17223369924632 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE27 CaseType=Combination P=-19.289581821949 V2=102.948845649784 V3=0 T=0 M2=0 M3=39.4262746934086 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-19.289581821949 V2=105.292595649784 V3=0 T=0 M2=0 M3=0.381004449739679 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE28 CaseType=Combination P=-27.4794700520665 V2=100.60027814678 V3=0 T=0 M2=0 M3=32.6199818108706 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-27.4794700520665 V2=102.94402814678 V3=0 T=0 M2=0 M3=-5.54457561917202 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE29 CaseType=Combination P=-23.2077851569438 V2=57.1982722136434 V3=0 T=0 M2=0 M3=26.4440193547069 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-23.2077851569438 V2=59.5420222136434 V3=0 T=0 M2=0 M3=4.55521414959064 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE30 CaseType=Combination P=-31.3976733870613 V2=54.8497047106401 V3=0 T=0 M2=0 M3=19.637726472169 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-31.3976733870613 V2=57.1934547106401 V3=0 T=0 M2=0 M3=-1.37036591932106 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE31 CaseType=Combination P=-13.8305998180295 V2=54.910081862898 V3=0 T=0 M2=0 M3=17.0323895478479 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-13.8305998180295 V2=57.253831862898 V3=0 T=0 M2=0 M3=-3.9983442757388 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE32 CaseType=Combination P=-16.4347455188809 V2=54.9348933152087 V3=0 T=0 M2=0 M3=19.2889617556043 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-16.4347455188809 V2=57.2786433152087 V3=0 T=0 M2=0 M3=-1.75107636259896 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE33 CaseType=Combination P=-16.4790159957954 V2=54.935315109898 V3=0 T=0 M2=0 M3=19.3273234831362 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-16.4790159957954 V2=57.279065109898 V3=0 T=0 M2=0 M3=-1.71287280807557 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE34 CaseType=Combination P=-13.7553637835767 V2=53.8334468730343 V3=0 T=0 M2=0 M3=16.2725212205013 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-13.7553637835767 V2=56.1771968730343 V3=0 T=0 M2=0 M3=-4.35447448188657 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE35 CaseType=Combination P=-9.95193618898847 V2=99.6747737021762 V3=0 T=0 M2=0 M3=29.412122761805 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-9.95193618898847 V2=102.018523702176 V3=0 T=0 M2=0 M3=-8.40537050151106 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.1418244178836 V2=102.041311719768 V3=0 T=0 M2=0 M3=37.8528126673879 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.1418244178836 V2=104.385061719768 V3=0 T=0 M2=0 M3=-0.852132352525062 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.3317126480011 V2=99.6927442167645 V3=0 T=0 M2=0 M3=31.0465197848499 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.3317126480011 V2=102.036494216765 V3=0 T=0 M2=0 M3=-6.77771242143676 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE38 CaseType=Combination P=-22.0600277528784 V2=56.2907382836276 V3=0 T=0 M2=0 M3=24.8705573286862 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-22.0600277528784 V2=58.6344882836276 V3=0 T=0 M2=0 M3=3.3220773473259 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE39 CaseType=Combination P=-30.2499159829959 V2=53.9421707806243 V3=0 T=0 M2=0 M3=18.0642644461483 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-30.2499159829959 V2=56.2859207806243 V3=0 T=0 M2=0 M3=-2.6035027215858 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE40 CaseType=Combination P=-12.453290933151 V2=53.821041146879 V3=0 T=0 M2=0 M3=15.1442351166231 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE40 CaseType=Combination P=-12.453290933151 V2=56.164791146879 V3=0 T=0 M2=0 M3=-5.47810843845649 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE41 CaseType=Combination P=-15.0574366340024 V2=53.8458525991897 V3=0 T=0 M2=0 M3=17.4008073243795 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-15.0574366340024 V2=56.1896025991897 V3=0 T=0 M2=0 M3=-3.23084052531665 FrameElem=42-1  
ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE42 CaseType=Combination P=-15.1017071109169 V2=53.846274393879 V3=0 T=0 M2=0 M3=17.4391690519114 FrameElem=42-1  
ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-15.1017071109169 V2=56.190024393879 V3=0 T=0 M2=0 M3=-3.19263697079325 FrameElem=42-1  
ElemStation=0.375

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Frame=42 Station=0 OutputCase=FRE43 CaseType=Combination P=-16.0596302188242 V2=54.3933602560574 V3=0 T=0 M2=0 M3=18.6165758338058 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-16.0596302188242 V2=56.7371102560574 V3=0 T=0 M2=0 M3=-2.22038738721575 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE44 CaseType=Combination P=-11.8721582183614 V2=100.141368188029 V3=0 T=0 M2=0 M3=31.3655016062254 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-11.8721582183614 V2=102.485118188029 V3=0 T=0 M2=0 M3=-6.62696458928537 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE45 CaseType=Combination P=-20.0620464472565 V2=102.50790620562 V3=0 T=0 M2=0 M3=39.8061915118083 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-20.0620464472565 V2=104.85165620562 V3=0 T=0 M2=0 M3=0.926273559700625 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE46 CaseType=Combination P=-28.251934677374 V2=100.159338702617 V3=0 T=0 M2=0 M3=32.9998986292703 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-28.251934677374 V2=102.503088702617 V3=0 T=0 M2=0 M3=-4.99930650921107 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE47 CaseType=Combination P=-23.9802497822513 V2=56.757327694802 V3=0 T=0 M2=0 M3=26.8239361731066 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-23.9802497822513 V2=59.1010827694802 V3=0 T=0 M2=0 M3=5.10048325955159 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE48 CaseType=Combination P=-32.1701380123688 V2=54.4087652664768 V3=0 T=0 M2=0 M3=20.0176432905687 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-32.1701380123688 V2=56.7525152664768 V3=0 T=0 M2=0 M3=-0.825096809360113 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE49 CaseType=Combination P=-17.36170306925 V2=54.4057659822128 V3=0 T=0 M2=0 M3=19.744861937684 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-17.36170306925 V2=56.7495159822128 V3=0 T=0 M2=0 M3=-1.09675343064582 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE50 CaseType=Combination P=-16.6335089208569 V2=54.8471272210654 V3=0 T=0 M2=0 M3=19.4033068468161 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-16.6335089208569 V2=57.1908772210654 V3=0 T=0 M2=0 M3=-1.60381898608338 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=FRE51 CaseType=Combination P=-15.4857515167915 V2=53.9395932910495 V3=0 T=0 M2=0 M3=17.8298448207955 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-15.4857515167915 V2=56.2833432910495 V3=0 T=0 M2=0 M3=-2.83695578834812 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204059543 V2=102.948845649784 V3=0 T=0 M2=0 M3=39.8061915118083 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204059543 V2=105.292595649784 V3=0 T=0 M2=0 M3=5.10048325955159 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380123688 V2=53.821041146879 V3=0 T=0 M2=0 M3=15.0759240984495 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380123688 V2=56.164791146879 V3=0 T=0 M2=0 M3=-8.91243605694861 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE01 CaseType=Combination P=-17.9145749547324 V2=53.5379614920466 V3=0 T=0 M2=0 M3=14.8653889022663 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE01 CaseType=Combination P=-17.9145749547324 V2=55.8817114920466 V3=0 T=0 M2=0 M3=-5.65079978225117 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE02 CaseType=Combination P=-16.6125021043067 V2=53.5255557658913 V3=0 T=0 M2=0 M3=13.7371027983881 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE02 CaseType=Combination P=-16.6125021043067 V2=55.8693057658913 V3=0 T=0 M2=0 M3=-6.77443373882109 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE03 CaseType=Combination P=-19.2166478051582 V2=53.550367218202 V3=0 T=0 M2=0 M3=15.9936750061445 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE03 CaseType=Combination P=-19.2166478051582 V2=55.894117218202 V3=0 T=0 M2=0 M3=-4.52716582568125 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE04 CaseType=Combination P=-18.4884536567651 V2=53.9917284570546 V3=0 T=0 M2=0 M3=15.6521199152767 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-18.4884536567651 V2=56.3354784570546 V3=0 T=0 M2=0 M3=-5.0342313811188 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE05 CaseType=Combination P=-17.3406962526997 V2=53.0841945270387 V3=0 T=0 M2=0 M3=14.078657889256 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-17.3406962526997 V2=55.4279445270387 V3=0 T=0 M2=0 M3=-6.2673681838354 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE06 CaseType=Combination P=-19.2609182820726 V2=53.5507890128913 V3=0 T=0 M2=0 M3=16.0320367336764 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-19.2609182820726 V2=55.8945390128913 V3=0 T=0 M2=0 M3=-4.48896227115785 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE07 CaseType=Combination P=-17.1863808063394 V2=53.9793227308992 V3=0 T=0 M2=0 M3=14.5238338113985 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-17.1863808063394 V2=56.3230727308992 V3=0 T=0 M2=0 M3=-6.15786533768872 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE08 CaseType=Combination P=-16.038623402274 V2=53.0717888008833 V3=0 T=0 M2=0 M3=12.9503717853778 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-16.038623402274 V2=55.4155388008833 V3=0 T=0 M2=0 M3=-7.39100213995346 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE09 CaseType=Combination P=-17.9588454316469 V2=53.5383832867359 V3=0 T=0 M2=0 M3=14.9037506297982 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-17.9588454316469 V2=55.8821332867359 V3=0 T=0 M2=0 M3=-5.61259622727778 FrameElem=42-1 ElemStation=0.375

PROVA SDBP

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REV.  
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Frame=42 Station=0 OutputCase=QPE10 CaseType=Combination P=-17.9145749542086 V2=55.2249673175838 V3=0 T=0 M2=0 M3=20.2039355970903 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-17.9145749542086 V2=57.5687173175838 V3=0 T=0 M2=0 M3=-0.944880272003616 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE11 CaseType=Combination P=-16.6125021037828 V2=55.2125615914285 V3=0 T=0 M2=0 M3=19.0756494932121 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-16.6125021037828 V2=57.5563115914285 V3=0 T=0 M2=0 M3=-2.06851422857354 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE12 CaseType=Combination P=-19.2166478046343 V2=55.2373730437392 V3=0 T=0 M2=0 M3=21.3322217009685 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-19.2166478046343 V2=57.5811230437392 V3=0 T=0 M2=0 M3=0.178753684566307 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE13 CaseType=Combination P=-18.4884536562413 V2=55.6787342825918 V3=0 T=0 M2=0 M3=20.9906666101007 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-18.4884536562413 V2=58.0224842825918 V3=0 T=0 M2=0 M3=-0.328311870871245 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE14 CaseType=Combination P=-17.340962521758 V2=54.7712003525759 V3=0 T=0 M2=0 M3=19.41720458408 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-17.340962521758 V2=57.1149503525759 V3=0 T=0 M2=0 M3=-1.56144867313599 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE15 CaseType=Combination P=-19.2609182815488 V2=55.2377948384285 V3=0 T=0 M2=0 M3=21.3705834285004 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-19.2609182815488 V2=57.5815448384285 V3=0 T=0 M2=0 M3=0.216957239089701 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE16 CaseType=Combination P=-17.1863808058155 V2=55.6663285564364 V3=0 T=0 M2=0 M3=19.8623805602225 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-17.1863808058155 V2=58.0100785564364 V3=0 T=0 M2=0 M3=-1.45194582744117 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE17 CaseType=Combination P=-16.0386234017501 V2=54.7587946264205 V3=0 T=0 M2=0 M3=18.2889184802018 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-16.0386234017501 V2=57.1025446264205 V3=0 T=0 M2=0 M3=-2.68508262970591 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=QPE18 CaseType=Combination P=-17.958845431123 V2=55.2253891122731 V3=0 T=0 M2=0 M3=20.2422973246222 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-17.958845431123 V2=57.5691391122731 V3=0 T=0 M2=0 M3=-0.906676717480221 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234017501 V2=55.6787342825918 V3=0 T=0 M2=0 M3=21.3705834285004 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234017501 V2=58.0224842825918 V3=0 T=0 M2=0 M3=0.216957239089701 FrameElem=42-1 ElemStation=0.375  
Frame=42 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182820726 V2=53.0717888008833 V3=0 T=0 M2=0 M3=12.9503717853778 FrameElem=42-1 ElemStation=0  
Frame=42 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182820726 V2=55.4155388008833 V3=0 T=0 M2=0 M3=-7.39100213995346 FrameElem=42-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR001 CaseType=Combination P=-28.8699277719488 V2=9.0883723776044 V3=0 T=0 M2=0 M3=-36.0890565025546 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR001 CaseType=Combination P=-28.8699277719488 V2=12.2524348776044 V3=0 T=0 M2=0 M3=-40.0904578629062 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR002 CaseType=Combination P=-15.4214212004974 V2=9.08492157625374 V3=0 T=0 M2=0 M3=-37.3078494086253 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR002 CaseType=Combination P=-15.4214212004974 V2=12.2489840762537 V3=0 T=0 M2=0 M3=-41.3079567184705 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR003 CaseType=Combination P=-8.36865519750675 V2=20.7969296263653 V3=0 T=0 M2=0 M3=-80.0205257765123 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR003 CaseType=Combination P=-8.36865519750675 V2=23.9609921263653 V3=0 T=0 M2=0 M3=-88.4126361051493 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR004 CaseType=Combination P=-23.5877051838917 V2=33.7837390131377 V3=0 T=0 M2=0 M3=-73.6542330298624 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR004 CaseType=Combination P=-23.5877051838917 V2=36.9478015131377 V3=0 T=0 M2=0 M3=-86.916396878539 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR005 CaseType=Combination P=-38.8067551730589 V2=20.8054113170437 V3=0 T=0 M2=0 M3=-77.0248666890595 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR005 CaseType=Combination P=-38.8067551730589 V2=23.9694738170437 V3=0 T=0 M2=0 M3=-85.4201576517009 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR006 CaseType=Combination P=-29.6630682124009 V2=19.7171560540428 V3=0 T=0 M2=0 M3=-20.9953823576236 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR006 CaseType=Combination P=-29.6630682124009 V2=22.0609060540428 V3=0 T=0 M2=0 M3=-28.8287690028897 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR007 CaseType=Combination P=-44.8821182015681 V2=6.73882835794882 V3=0 T=0 M2=0 M3=-24.3660160168208 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR007 CaseType=Combination P=-44.8821182015681 V2=9.08257835794882 V3=0 T=0 M2=0 M3=-27.3325297760516 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR008 CaseType=Combination P=-23.2271975086945 V2=38.0754302503569 V3=0 T=0 M2=0 M3=-60.4905514190612 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR008 CaseType=Combination P=-23.2271975086945 V2=41.2394927503569 V3=0 T=0 M2=0 M3=-75.362099481695 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR009 CaseType=Combination P=-25.744952930927 V2=9.08079088034793 V3=0 T=0 M2=0 M3=-38.7667751345586 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR009 CaseType=Combination P=-25.744952930927 V2=12.2448533803479 V3=0 T=0 M2=0 M3=-42.7653334334391 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR010 CaseType=Combination P=-12.2964463594756 V2=9.07734007899727 V3=0 T=0 M2=0 M3=-39.9855680406294 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR010 CaseType=Combination P=-12.2964463594756 V2=12.2414025789973 V3=0 T=0 M2=0 M3=-43.9828322890034 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR011 CaseType=Combination P=-6.49367029289369 V2=20.7923807280114 V3=0 T=0 M2=0 M3=-81.6271569557147 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR011 CaseType=Combination P=-6.49367029289369 V2=23.9564432280114 V3=0 T=0 M2=0 M3=-90.017561447469 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR012 CaseType=Combination P=-21.7127202792786 V2=33.7791901147839 V3=0 T=0 M2=0 M3=-75.2608642090648 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR012 CaseType=Combination P=-21.7127202792786 V2=36.9432526147839 V3=0 T=0 M2=0 M3=-88.5213222208587 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR013 CaseType=Combination P=-36.9317702684459 V2=20.8008624186899 V3=0 T=0 M2=0 M3=-78.631497868262 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR013 CaseType=Combination P=-36.9317702684459 V2=23.9649249186899 V3=0 T=0 M2=0 M3=-87.0250829940206 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR014 CaseType=Combination P=-27.7880833077878 V2=19.7126071556889 V3=0 T=0 M2=0 M3=-22.602013536826 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR014 CaseType=Combination P=-27.7880833077878 V2=22.0563571556889 V3=0 T=0 M2=0 M3=-30.4336943452094 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR015 CaseType=Combination P=-43.0071332969551 V2=6.73427945959494 V3=0 T=0 M2=0 M3=-25.9726471960232 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR015 CaseType=Combination P=-43.0071332969551 V2=9.07802945959494 V3=0 T=0 M2=0 M3=-28.9374551183713 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR016 CaseType=Combination P=-21.3522126040815 V2=38.070881352003 V3=0 T=0 M2=0 M3=-62.0971825982636 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR016 CaseType=Combination P=-21.3522126040815 V2=41.234943852003 V3=0 T=0 M2=0 M3=-76.9670248240148 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR017 CaseType=Combination P=-7.00687185723263 V2=17.861346116581 V3=0 T=0 M2=0 M3=-72.0200753165446 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR017 CaseType=Combination P=-7.00687185723263 V2=21.025408616581 V3=0 T=0 M2=0 M3=-79.3113418290124 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR018 CaseType=Combination P=-20.1022226683014 V2=28.7872252373652 V3=0 T=0 M2=0 M3=-66.6485038693572 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR018 CaseType=Combination P=-20.1022226683014 V2=31.9512877373652 V3=0 T=0 M2=0 M3=-78.0369750521192 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR019 CaseType=Combination P=-33.1975734817596 V2=17.8685700849274 V3=0 T=0 M2=0 M3=-69.4686327744374 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR019 CaseType=Combination P=-33.1975734817596 V2=21.0326325849274 V3=0 T=0 M2=0 M3=-76.7626082750351 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR020 CaseType=Combination P=-24.414394196063 V2=17.6486442907982 V3=0 T=0 M2=0 M3=-24.6678222890902 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR020 CaseType=Combination P=-24.414394196063 V2=19.9923942907982 V3=0 T=0 M2=0 M3=-31.7255170231395 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR021 CaseType=Combination P=-37.5097450095212 V2=6.72998913836041 V3=0 T=0 M2=0 M3=-27.4879511941703 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR021 CaseType=Combination P=-37.5097450095212 V2=9.07373913836041 V3=0 T=0 M2=0 M3=-30.4511502460555 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR022 CaseType=Combination P=-26.5713382618541 V2=9.7298408161012 V3=0 T=0 M2=0 M3=-38.3675149990249 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR022 CaseType=Combination P=-26.5713382618541 V2=12.8939033161012 V3=0 T=0 M2=0 M3=-42.6094670238129 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR023 CaseType=Combination P=-13.1228316904027 V2=9.72639001475054 V3=0 T=0 M2=0 M3=-39.5863079050957 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR023 CaseType=Combination P=-13.1228316904027 V2=12.8904525147505 V3=0 T=0 M2=0 M3=-43.8269658793771 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR024 CaseType=Combination P=-7.83325718815972 V2=18.5103960523342 V3=0 T=0 M2=0 M3=-71.6208151810109 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR024 CaseType=Combination P=-7.83325718815972 V2=21.6744585523342 V3=0 T=0 M2=0 M3=-79.1554754193862 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR025 CaseType=Combination P=-20.9286079992285 V2=29.4362751731185 V3=0 T=0 M2=0 M3=-66.2492437338235 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR025 CaseType=Combination P=-20.9286079992285 V2=32.6003376731185 V3=0 T=0 M2=0 M3=-77.8811086424929 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR026 CaseType=Combination P=-34.0239588126867 V2=18.5176200206807 V3=0 T=0 M2=0 M3=-69.0693726389036 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR026 CaseType=Combination P=-34.0239588126867 V2=21.6816825206807 V3=0 T=0 M2=0 M3=-76.6067418654089 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR027 CaseType=Combination P=-25.2407795269901 V2=18.2976942265515 V3=0 T=0 M2=0 M3=-24.2685621535565 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR027 CaseType=Combination P=-25.2407795269901 V2=20.6414442265515 V3=0 T=0 M2=0 M3=-31.5696506135133 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR028 CaseType=Combination P=-38.3361303404483 V2=7.37903907411368 V3=0 T=0 M2=0 M3=-27.0886910586366 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR028 CaseType=Combination P=-38.3361303404483 V2=9.72278907411368 V3=0 T=0 M2=0 M3=-30.2952838364292 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR029 CaseType=Combination P=-24.9185675999999 V2=8.43174094459466 V3=0 T=0 M2=0 M3=-39.1660352700923 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR029 CaseType=Combination P=-24.9185675999999 V2=11.5958034445947 V3=0 T=0 M2=0 M3=-42.9211998430653 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR030 CaseType=Combination P=-11.4700610285485 V2=8.428290143244 V3=0 T=0 M2=0 M3=-40.3848281761631 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR030 CaseType=Combination P=-11.4700610285485 V2=11.592352643244 V3=0 T=0 M2=0 M3=-44.1386986986296 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR031 CaseType=Combination P=-6.18048652630553 V2=17.2122961808277 V3=0 T=0 M2=0 M3=-72.4193354520783 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR031 CaseType=Combination P=-6.18048652630553 V2=20.3763586808277 V3=0 T=0 M2=0 M3=-79.4672082386387 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR032 CaseType=Combination P=-19.2758373373743 V2=28.1381753016119 V3=0 T=0 M2=0 M3=-67.0477640048909 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR032 CaseType=Combination P=-19.2758373373743 V2=31.3022378016119 V3=0 T=0 M2=0 M3=-78.1928414617454 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR033 CaseType=Combination P=-32.3711881508325 V2=17.2195201491742 V3=0 T=0 M2=0 M3=-69.8678929099711 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR033 CaseType=Combination P=-32.3711881508325 V2=20.3835826491742 V3=0 T=0 M2=0 M3=-76.9184746846614 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR034 CaseType=Combination P=-23.5880088651359 V2=16.9995943550449 V3=0 T=0 M2=0 M3=-25.6070824246239 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR034 CaseType=Combination P=-23.5880088651359 V2=19.3433443550449 V3=0 T=0 M2=0 M3=-31.8813834327657 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR035 CaseType=Combination P=-36.6833596785941 V2=6.08093920260714 V3=0 T=0 M2=0 M3=-27.887211329704 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR035 CaseType=Combination P=-36.6833596785941 V2=8.42468920260714 V3=0 T=0 M2=0 M3=-30.6070166556817 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR036 CaseType=Combination P=-27.6836873222969 V2=9.08549444124588 V3=0 T=0 M2=0 M3=-37.1055184952633 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR036 CaseType=Combination P=-27.6836873222969 V2=12.2495569412459 V3=0 T=0 M2=0 M3=-41.1058406294805 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR037 CaseType=Combination P=-14.2351807508455 V2=9.08204363989522 V3=0 T=0 M2=0 M3=-38.3243114013341 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR037 CaseType=Combination P=-14.2351807508455 V2=12.2461061398952 V3=0 T=0 M2=0 M3=-42.323394850448 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR038 CaseType=Combination P=-8.94560624860254 V2=17.8660496774789 V3=0 T=0 M2=0 M3=-70.3588186772492 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR038 CaseType=Combination P=-8.94560624860254 V2=21.0301121774789 V3=0 T=0 M2=0 M3=-77.6518490250538 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR039 CaseType=Combination P=-22.0409570596713 V2=28.7919287982632 V3=0 T=0 M2=0 M3=-64.9872472300619 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR039 CaseType=Combination P=-22.0409570596713 V2=31.9559912982632 V3=0 T=0 M2=0 M3=-76.3774822481606 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR040 CaseType=Combination P=-35.1363078731295 V2=17.8732736458254 V3=0 T=0 M2=0 M3=-67.807376135142 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR040 CaseType=Combination P=-35.1363078731295 V2=21.0373361458254 V3=0 T=0 M2=0 M3=-75.1031154710765 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR041 CaseType=Combination P=-26.3531285874329 V2=17.6533478516961 V3=0 T=0 M2=0 M3=-23.0065656497949 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR041 CaseType=Combination P=-26.3531285874329 V2=19.9970978516961 V3=0 T=0 M2=0 M3=-30.0660242191809 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR042 CaseType=Combination P=-39.4484794008911 V2=6.73469269925836 V3=0 T=0 M2=0 M3=-25.826694554875 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR042 CaseType=Combination P=-39.4484794008911 V2=9.07844269925836 V3=0 T=0 M2=0 M3=-28.7916574420969 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR043 CaseType=Combination P=-31.9949026129706 V2=9.09595387486087 V3=0 T=0 M2=0 M3=-33.4113378705505 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR043 CaseType=Combination P=-31.9949026129706 V2=12.2600163748609 V3=0 T=0 M2=0 M3=-37.4155822923734 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR044 CaseType=Combination P=-18.5463960415191 V2=9.0925030735102 V3=0 T=0 M2=0 M3=-34.6301307766213 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR044 CaseType=Combination P=-18.5463960415191 V2=12.2565655735102 V3=0 T=0 M2=0 M3=-38.6330811479376 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR045 CaseType=Combination P=-10.2436401021198 V2=20.8014785247192 V3=0 T=0 M2=0 M3=-78.4138945973098 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.2436401021198 V2=23.9655410247192 V3=0 T=0 M2=0 M3=-86.8077107628295 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR046 CaseType=Combination P=-25.4626900885048 V2=33.7882879114916 V3=0 T=0 M2=0 M3=-72.04760185066 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.4626900885048 V2=36.9523504114916 V3=0 T=0 M2=0 M3=-85.3114715362193 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR047 CaseType=Combination P=-40.681740077672 V2=20.8099602153976 V3=0 T=0 M2=0 M3=-75.4182355098571 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.681740077672 V2=23.9740227153976 V3=0 T=0 M2=0 M3=-83.8152323093812 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR048 CaseType=Combination P=-31.5380531170139 V2=19.7217049523967 V3=0 T=0 M2=0 M3=-19.3887511784212 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR048 CaseType=Combination P=-31.5380531170139 V2=22.0654549523967 V3=0 T=0 M2=0 M3=-27.2238436605699 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR049 CaseType=Combination P=-46.7571031061812 V2=6.7433772563027 V3=0 T=0 M2=0 M3=-22.7593948376183 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR049 CaseType=Combination P=-46.7571031061812 V2=9.0871272563027 V3=0 T=0 M2=0 M3=-25.7276044337319 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR050 CaseType=Combination P=-25.1021824133076 V2=38.0799791487108 V3=0 T=0 M2=0 M3=-58.8839202398588 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR050 CaseType=Combination P=-25.1021824133076 V2=41.2440416487108 V3=0 T=0 M2=0 M3=-73.7571741393753 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR051 CaseType=Combination P=-13.2568215392762 V2=17.8765091110939 V3=0 T=0 M2=0 M3=-66.6646380525365 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR051 CaseType=Combination P=-13.2568215392762 V2=21.0405716110939 V3=0 T=0 M2=0 M3=-73.9615906879467 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR052 CaseType=Combination P=-26.352172350345 V2=28.8023882318781 V3=0 T=0 M2=0 M3=-61.2930666053491 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR052 CaseType=Combination P=-26.352172350345 V2=31.9664507318781 V3=0 T=0 M2=0 M3=-72.6872239110534 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR053 CaseType=Combination P=-39.4475231638032 V2=17.8837330794404 V3=0 T=0 M2=0 M3=-64.1131955104293 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR053 CaseType=Combination P=-39.4475231638032 V2=21.0477955794404 V3=0 T=0 M2=0 M3=-71.4128571339694 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR054 CaseType=Combination P=-30.6643438781065 V2=17.6638072853111 V3=0 T=0 M2=0 M3=-19.3123850250821 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR054 CaseType=Combination P=-30.6643438781065 V2=20.0075572853111 V3=0 T=0 M2=0 M3=-26.3757658820738 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR055 CaseType=Combination P=-43.7596946915647 V2=6.74515213287335 V3=0 T=0 M2=0 M3=-22.1325139301622 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR055 CaseType=Combination P=-43.7596946915647 V2=9.08890213287335 V3=0 T=0 M2=0 M3=-25.1013991049897 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR056 CaseType=Combination P=-32.8212879438977 V2=9.74500381061414 V3=0 T=0 M2=0 M3=-33.0120777350168 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR056 CaseType=Combination P=-32.8212879438977 V2=12.9090663106141 V3=0 T=0 M2=0 M3=-37.2597158827471 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR057 CaseType=Combination P=-19.3727813724462 V2=9.74155300926348 V3=0 T=0 M2=0 M3=-34.2308706410876 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR057 CaseType=Combination P=-19.3727813724462 V2=12.9056155092635 V3=0 T=0 M2=0 M3=-38.4772147383114 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR058 CaseType=Combination P=-14.0832068702033 V2=18.5255590468472 V3=0 T=0 M2=0 M3=-66.2653779170028 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR058 CaseType=Combination P=-14.0832068702033 V2=21.6896215468472 V3=0 T=0 M2=0 M3=-73.8057242783205 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR059 CaseType=Combination P=-27.1785576812721 V2=29.4514381676314 V3=0 T=0 M2=0 M3=-60.8938064698154 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR059 CaseType=Combination P=-27.1785576812721 V2=32.6155006676314 V3=0 T=0 M2=0 M3=-72.5313575014272 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR060 CaseType=Combination P=-40.2739084947303 V2=18.5327830151936 V3=0 T=0 M2=0 M3=-63.7139353748956 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR060 CaseType=Combination P=-40.2739084947303 V2=21.6968455151936 V3=0 T=0 M2=0 M3=-71.2569907243432 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR061 CaseType=Combination P=-31.4907292090336 V2=18.3128572210644 V3=0 T=0 M2=0 M3=-18.9131248895484 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR061 CaseType=Combination P=-31.4907292090336 V2=20.6566072210644 V3=0 T=0 M2=0 M3=-26.2198994724475 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR062 CaseType=Combination P=-44.5860800224918 V2=7.39420206862662 V3=0 T=0 M2=0 M3=-21.7332537946285 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR062 CaseType=Combination P=-44.5860800224918 V2=9.73795206862662 V3=0 T=0 M2=0 M3=-24.9455326953635 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR063 CaseType=Combination P=-31.1685172820435 V2=8.4469039391076 V3=0 T=0 M2=0 M3=-33.8105980060842 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR063 CaseType=Combination P=-31.1685172820435 V2=11.6109664391076 V3=0 T=0 M2=0 M3=-37.5714487019996 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR064 CaseType=Combination P=-17.720010710592 V2=8.44345313775693 V3=0 T=0 M2=0 M3=-35.029390912155 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR064 CaseType=Combination P=-17.720010710592 V2=11.6075156377569 V3=0 T=0 M2=0 M3=-38.7889475575639 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR065 CaseType=Combination P=-12.4304362083491 V2=17.2274591753406 V3=0 T=0 M2=0 M3=-67.0638981880702 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR065 CaseType=Combination P=-12.4304362083491 V2=20.3915216753406 V3=0 T=0 M2=0 M3=-74.1174570975729 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR066 CaseType=Combination P=-25.5257870194179 V2=28.1533382961249 V3=0 T=0 M2=0 M3=-61.6923267408828 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR066 CaseType=Combination P=-25.5257870194179 V2=31.3174007961249 V3=0 T=0 M2=0 M3=-72.8430903206797 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR067 CaseType=Combination P=-38.6211378328761 V2=17.2346831436871 V3=0 T=0 M2=0 M3=-64.512455645963 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR067 CaseType=Combination P=-38.6211378328761 V2=20.3987456436871 V3=0 T=0 M2=0 M3=-71.5687235435956 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR068 CaseType=Combination P=-29.8379585471794 V2=17.0147573495578 V3=0 T=0 M2=0 M3=-19.7116451606158 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR068 CaseType=Combination P=-29.8379585471794 V2=19.3585073495578 V3=0 T=0 M2=0 M3=-26.5316322917 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR069 CaseType=Combination P=-42.9333093606376 V2=6.09610219712008 V3=0 T=0 M2=0 M3=-22.5317740656959 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR069 CaseType=Combination P=-42.9333093606376 V2=8.43985219712008 V3=0 T=0 M2=0 M3=-25.257265514616 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR070 CaseType=Combination P=-33.9336370043405 V2=9.10065743575882 V3=0 T=0 M2=0 M3=-31.7500812312552 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR070 CaseType=Combination P=-33.9336370043405 V2=12.2647199357588 V3=0 T=0 M2=0 M3=-35.7560894884148 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR071 CaseType=Combination P=-20.485130432889 V2=9.09720663440816 V3=0 T=0 M2=0 M3=-32.968874137326 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR071 CaseType=Combination P=-20.485130432889 V2=12.2612691344082 V3=0 T=0 M2=0 M3=-36.973588343979 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR072 CaseType=Combination P=-15.195559306461 V2=17.8812126719918 V3=0 T=0 M2=0 M3=-65.0033814132412 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR072 CaseType=Combination P=-15.195559306461 V2=21.0452751719918 V3=0 T=0 M2=0 M3=-72.3020978839881 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR073 CaseType=Combination P=-28.2909067417149 V2=28.8070917927761 V3=0 T=0 M2=0 M3=-59.6318099660538 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR073 CaseType=Combination P=-28.2909067417149 V2=31.9711542927761 V3=0 T=0 M2=0 M3=-71.0277311070948 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR074 CaseType=Combination P=-41.3862575551731 V2=17.8884366403383 V3=0 T=0 M2=0 M3=-62.4519388711339 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR074 CaseType=Combination P=-41.3862575551731 V2=21.0524991403383 V3=0 T=0 M2=0 M3=-69.7533643300108 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR075 CaseType=Combination P=-32.6030782694764 V2=17.6685108462091 V3=0 T=0 M2=0 M3=-17.6511283857868 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR075 CaseType=Combination P=-32.6030782694764 V2=20.0122608462091 V3=0 T=0 M2=0 M3=-24.7162730781152 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR076 CaseType=Combination P=-45.6984290829346 V2=6.7498556937713 V3=0 T=0 M2=0 M3=-20.4712572908669 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR076 CaseType=Combination P=-45.6984290829346 V2=9.0936056937713 V3=0 T=0 M2=0 M3=-23.4419063010311 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR077 CaseType=Combination P=-30.2472366568273 V2=10.1701222705265 V3=0 T=0 M2=0 M3=-35.4236229433317 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR077 CaseType=Combination P=-30.2472366568273 V2=13.3341847705265 V3=0 T=0 M2=0 M3=-39.8306805135292 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR078 CaseType=Combination P=-16.7987300853758 V2=10.1666714691759 V3=0 T=0 M2=0 M3=-36.6424158494025 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR078 CaseType=Combination P=-16.7987300853758 V2=13.3307339691759 V3=0 T=0 M2=0 M3=-41.0481793690934 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR079 CaseType=Combination P=-9.19504052843385 V2=21.4459795621186 V3=0 T=0 M2=0 M3=-79.6212656409786 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR079 CaseType=Combination P=-9.19504052843385 V2=24.6100420621186 V3=0 T=0 M2=0 M3=-88.256769695523 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR080 CaseType=Combination P=-24.4140905148188 V2=34.432788948891 V3=0 T=0 M2=0 M3=-73.2549728943287 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR080 CaseType=Combination P=-24.4140905148188 V2=37.596851448891 V3=0 T=0 M2=0 M3=-86.7605304689128 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR081 CaseType=Combination P=-39.633140503986 V2=21.454461252797 V3=0 T=0 M2=0 M3=-76.6256065535258 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR081 CaseType=Combination P=-39.633140503986 V2=24.618523752797 V3=0 T=0 M2=0 M3=-85.2642912420747 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR082 CaseType=Combination P=-30.489453543328 V2=20.3662059897961 V3=0 T=0 M2=0 M3=-20.5961222220899 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR082 CaseType=Combination P=-30.489453543328 V2=22.7099559897961 V3=0 T=0 M2=0 M3=-28.6729025932634 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR083 CaseType=Combination P=-45.7085035324952 V2=7.38787829370209 V3=0 T=0 M2=0 M3=-23.9667558812871 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR083 CaseType=Combination P=-45.7085035324952 V2=9.73162829370209 V3=0 T=0 M2=0 M3=-27.1766633664253 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR084 CaseType=Combination P=-24.0535828396216 V2=38.7244801861102 V3=0 T=0 M2=0 M3=-60.0912912835275 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR084 CaseType=Combination P=-24.0535828396216 V2=41.8885426861102 V3=0 T=0 M2=0 M3=-75.2062330720688 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR085 CaseType=Combination P=-11.5091555831329 V2=18.9506775067595 V3=0 T=0 M2=0 M3=-68.679231253177 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR085 CaseType=Combination P=-11.5091555831329 V2=22.114740067595 V3=0 T=0 M2=0 M3=-76.3766889091025 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR086 CaseType=Combination P=-24.6045063942017 V2=29.8765566275438 V3=0 T=0 M2=0 M3=-63.3053516781303 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR086 CaseType=Combination P=-24.6045063942017 V2=33.0406191275438 V3=0 T=0 M2=0 M3=-75.1023221322093 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR087 CaseType=Combination P=-37.6998572076599 V2=18.957901475106 V3=0 T=0 M2=0 M3=-66.1254805832105 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR087 CaseType=Combination P=-37.6998572076599 V2=22.121963975106 V3=0 T=0 M2=0 M3=-73.8279553551252 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR088 CaseType=Combination P=-28.9166779219632 V2=18.7379756809768 V3=0 T=0 M2=0 M3=-21.3246700978633 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR088 CaseType=Combination P=-28.9166779219632 V2=21.0817256809768 V3=0 T=0 M2=0 M3=-28.7908641032296 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR089 CaseType=Combination P=-42.0120287354214 V2=7.819320528539 V3=0 T=0 M2=0 M3=-24.1447990029434 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR089 CaseType=Combination P=-42.0120287354214 V2=10.163070528539 V3=0 T=0 M2=0 M3=-27.5164973261455 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR090 CaseType=Combination P=-28.3722517522142 V2=10.1655733721726 V3=0 T=0 M2=0 M3=-37.0302541225342 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR090 CaseType=Combination P=-28.3722517522142 V2=13.3296358721726 V3=0 T=0 M2=0 M3=-41.4356058558489 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR091 CaseType=Combination P=-14.9237451807628 V2=10.162122570822 V3=0 T=0 M2=0 M3=-38.2490470286049 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR091 CaseType=Combination P=-14.9237451807628 V2=13.326185070822 V3=0 T=0 M2=0 M3=-42.6531047114132 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR092 CaseType=Combination P=-9.63417067851983 V2=18.9461286084057 V3=0 T=0 M2=0 M3=-70.2835543045201 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR092 CaseType=Combination P=-9.63417067851983 V2=22.1101911084057 V3=0 T=0 M2=0 M3=-77.9816142514222 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR093 CaseType=Combination P=-22.7295214895886 V2=29.8720077291899 V3=0 T=0 M2=0 M3=-64.9119828573328 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR093 CaseType=Combination P=-22.7295214895886 V2=33.0360702291899 V3=0 T=0 M2=0 M3=-76.707247474529 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR094 CaseType=Combination P=-35.8248723030468 V2=18.953352567521 V3=0 T=0 M2=0 M3=-67.7321117624129 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.8248723030468 V2=22.1174150767521 V3=0 T=0 M2=0 M3=-75.4328806974449 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR095 CaseType=Combination P=-27.0416930173502 V2=18.7334267826229 V3=0 T=0 M2=0 M3=-22.9313012770657 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR095 CaseType=Combination P=-27.0416930173502 V2=21.0771767826229 V3=0 T=0 M2=0 M3=-30.3957894455493 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR096 CaseType=Combination P=-40.1370438308084 V2=7.81477163018512 V3=0 T=0 M2=0 M3=-25.7514301821458 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR096 CaseType=Combination P=-40.1370438308084 V2=10.1585216301851 V3=0 T=0 M2=0 M3=-29.1214226684653 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR097 CaseType=Combination P=-32.1222215614403 V2=10.1746711688804 V3=0 T=0 M2=0 M3=-33.8169917641293 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR097 CaseType=Combination P=-32.1222215614403 V2=13.3387336688804 V3=0 T=0 M2=0 M3=-38.2257551712095 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR098 CaseType=Combination P=-18.6737149899889 V2=10.1712203675297 V3=0 T=0 M2=0 M3=-35.0357846702001 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR098 CaseType=Combination P=-18.6737149899889 V2=13.3352828675297 V3=0 T=0 M2=0 M3=-39.4432540267737 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR099 CaseType=Combination P=-13.384140487746 V2=18.9552264051134 V3=0 T=0 M2=0 M3=-67.0702919461153 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR099 CaseType=Combination P=-13.384140487746 V2=22.1192889051134 V3=0 T=0 M2=0 M3=-74.7717635667828 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR100 CaseType=Combination P=-26.4794912988147 V2=29.8811055258977 V3=0 T=0 M2=0 M3=-61.6987204989279 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR100 CaseType=Combination P=-26.4794912988147 V2=33.0451680258977 V3=0 T=0 M2=0 M3=-73.4973967898895 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR101 CaseType=Combination P=-39.574842112273 V2=18.9624503734599 V3=0 T=0 M2=0 M3=-64.518849404008 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR101 CaseType=Combination P=-39.574842112273 V2=22.1265128734599 V3=0 T=0 M2=0 M3=-72.2230300128055 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR102 CaseType=Combination P=-30.7916628265763 V2=18.7425245793306 V3=0 T=0 M2=0 M3=-19.7180389186609 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR102 CaseType=Combination P=-30.7916628265763 V2=21.0862745793306 V3=0 T=0 M2=0 M3=-27.1859387609099 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR103 CaseType=Combination P=-43.8870136400345 V2=7.82386942689288 V3=0 T=0 M2=0 M3=-22.538167823741 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR103 CaseType=Combination P=-43.8870136400345 V2=10.1676194268929 V3=0 T=0 M2=0 M3=-25.9115719838258 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR104 CaseType=Combination P=-32.1859710481972 V2=10.1748258314245 V3=0 T=0 M2=0 M3=-33.7623663040364 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR104 CaseType=Combination P=-32.1859710481972 V2=13.338883314245 V3=0 T=0 M2=0 M3=-38.1711877095706 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR105 CaseType=Combination P=-18.7374644767458 V2=10.1713750300738 V3=0 T=0 M2=0 M3=-34.9811592101072 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR105 CaseType=Combination P=-18.7374644767458 V2=13.3354375300738 V3=0 T=0 M2=0 M3=-39.3886865651348 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR106 CaseType=Combination P=-13.4478899745028 V2=18.9553810676575 V3=0 T=0 M2=0 M3=-67.0156664860224 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR106 CaseType=Combination P=-13.4478899745028 V2=22.1194435676575 V3=0 T=0 M2=0 M3=-74.7171961051439 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR107 CaseType=Combination P=-26.5432407855716 V2=29.8812601884417 V3=0 T=0 M2=0 M3=-61.644095038835 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR107 CaseType=Combination P=-26.5432407855716 V2=33.0453226884417 V3=0 T=0 M2=0 M3=-73.4428293282507 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR108 CaseType=Combination P=-39.6385915990298 V2=18.962605036004 V3=0 T=0 M2=0 M3=-64.4642239439151 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR108 CaseType=Combination P=-39.6385915990298 V2=22.126667536004 V3=0 T=0 M2=0 M3=-72.1684625511666 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR109 CaseType=Combination P=-30.8554123133331 V2=18.7426792418747 V3=0 T=0 M2=0 M3=-19.663413458568 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR109 CaseType=Combination P=-30.8554123133331 V2=21.0864292418747 V3=0 T=0 M2=0 M3=-27.131371299271 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR110 CaseType=Combination P=-43.9507631267914 V2=7.82402408943695 V3=0 T=0 M2=0 M3=-22.4835423636481 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR110 CaseType=Combination P=-43.9507631267914 V2=10.1677740894369 V3=0 T=0 M2=0 M3=-25.8570045221869 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR111 CaseType=Combination P=-27.4926188870703 V2=8.00662248468228 V3=0 T=0 M2=0 M3=-36.7544900617774 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR111 CaseType=Combination P=-27.4926188870703 V2=11.1706849846823 V3=0 T=0 M2=0 M3=-40.3502352122833 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR112 CaseType=Combination P=-14.0441123156189 V2=8.00317168333162 V3=0 T=0 M2=0 M3=-37.9732829678482 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR112 CaseType=Combination P=-14.0441123156189 V2=11.1672341833316 V3=0 T=0 M2=0 M3=-41.5677340678475 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR113 CaseType=Combination P=-7.54226986657966 V2=20.147879690612 V3=0 T=0 M2=0 M3=-80.419785912046 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR113 CaseType=Combination P=-7.54226986657966 V2=23.311942190612 V3=0 T=0 M2=0 M3=-88.5685025147755 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR114 CaseType=Combination P=-22.7613198529646 V2=33.1346890773845 V3=0 T=0 M2=0 M3=-74.0534931653961 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR114 CaseType=Combination P=-22.7613198529646 V2=36.2987515773845 V3=0 T=0 M2=0 M3=-87.0722632881652 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR115 CaseType=Combination P=-37.9803698421318 V2=20.1563613812905 V3=0 T=0 M2=0 M3=-77.4241268245932 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR115 CaseType=Combination P=-37.9803698421318 V2=23.3204238812905 V3=0 T=0 M2=0 M3=-85.5760240613271 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR116 CaseType=Combination P=-28.8366828814738 V2=19.0681061182896 V3=0 T=0 M2=0 M3=-21.3946424931573 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR116 CaseType=Combination P=-28.8366828814738 V2=21.4118561182896 V3=0 T=0 M2=0 M3=-28.9846354125159 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR117 CaseType=Combination P=-44.055732870641 V2=6.08977842219555 V3=0 T=0 M2=0 M3=-24.7652761523545 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR117 CaseType=Combination P=-44.055732870641 V2=8.43352842219555 V3=0 T=0 M2=0 M3=-27.4883961856778 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR118 CaseType=Combination P=-22.4008121777675 V2=37.4263803146036 V3=0 T=0 M2=0 M3=-60.8898115545949 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR118 CaseType=Combination P=-22.4008121777675 V2=40.5904428146036 V3=0 T=0 M2=0 M3=-75.5179658913213 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR119 CaseType=Combination P=-8.75453781337592 V2=16.7871777209153 V3=0 T=0 M2=0 M3=-70.0077920437634 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR119 CaseType=Combination P=-8.75453781337592 V2=19.9512402209153 V3=0 T=0 M2=0 M3=-76.8962436078566 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR120 CaseType=Combination P=-21.8498886244447 V2=27.7130568416996 V3=0 T=0 M2=0 M3=-64.636218796576 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR120 CaseType=Combination P=-21.8498886244447 V2=30.8771193416996 V3=0 T=0 M2=0 M3=-75.6218768309633 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR121 CaseType=Combination P=-34.9452394379029 V2=16.7944016892618 V3=0 T=0 M2=0 M3=-67.4563477016562 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR121 CaseType=Combination P=-34.9452394379029 V2=19.9584641892618 V3=0 T=0 M2=0 M3=-74.3475100538793 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR122 CaseType=Combination P=-26.1620601522062 V2=16.5744758951325 V3=0 T=0 M2=0 M3=-22.655537216309 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR122 CaseType=Combination P=-26.1620601522062 V2=18.9182258951325 V3=0 T=0 M2=0 M3=-29.3104188019837 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR123 CaseType=Combination P=-39.2574109656645 V2=5.65582074269476 V3=0 T=0 M2=0 M3=-25.4756661213891 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR123 CaseType=Combination P=-39.2574109656645 V2=7.99957074269476 V3=0 T=0 M2=0 M3=-28.0360520248996 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR124 CaseType=Combination P=-25.6176339824572 V2=8.0020735863284 V3=0 T=0 M2=0 M3=-38.3611212409799 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR124 CaseType=Combination P=-25.6176339824572 V2=11.1661360863284 V3=0 T=0 M2=0 M3=-41.955160554603 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR125 CaseType=Combination P=-12.1691274110058 V2=7.99862278497774 V3=0 T=0 M2=0 M3=-39.5799141470506 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR125 CaseType=Combination P=-12.1691274110058 V2=11.1626852849777 V3=0 T=0 M2=0 M3=-43.1726594101673 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR126 CaseType=Combination P=-6.87955290876285 V2=16.7826288225614 V3=0 T=0 M2=0 M3=-71.6144214229658 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR126 CaseType=Combination P=-6.87955290876285 V2=19.9466913225614 V3=0 T=0 M2=0 M3=-78.5011689501763 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR127 CaseType=Combination P=-19.9749037198316 V2=27.7085079433457 V3=0 T=0 M2=0 M3=-66.2428499757785 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR127 CaseType=Combination P=-19.9749037198316 V2=30.8725704433457 V3=0 T=0 M2=0 M3=-77.2268021732831 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR128 CaseType=Combination P=-33.0702545332898 V2=16.7898527909079 V3=0 T=0 M2=0 M3=-69.0629788808586 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR128 CaseType=Combination P=-33.0702545332898 V2=19.9539152909079 V3=0 T=0 M2=0 M3=-75.952435396199 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR129 CaseType=Combination P=-24.2870752475932 V2=16.5699269967786 V3=0 T=0 M2=0 M3=-24.2621683955114 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR129 CaseType=Combination P=-24.2870752475932 V2=18.9136769967786 V3=0 T=0 M2=0 M3=-30.9153441443034 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR130 CaseType=Combination P=-37.3824260610514 V2=5.65127184434088 V3=0 T=0 M2=0 M3=-27.0822973005915 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR130 CaseType=Combination P=-37.3824260610514 V2=7.99502184434088 V3=0 T=0 M2=0 M3=-29.6409773672194 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR131 CaseType=Combination P=-29.3676037916834 V2=8.01117138303616 V3=0 T=0 M2=0 M3=-35.147858882575 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR131 CaseType=Combination P=-29.3676037916834 V2=11.1752338830362 V3=0 T=0 M2=0 M3=-38.7453098699636 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR132 CaseType=Combination P=-15.9190972202319 V2=8.0077205816855 V3=0 T=0 M2=0 M3=-36.3666517886458 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR132 CaseType=Combination P=-15.9190972202319 V2=11.1717830816855 V3=0 T=0 M2=0 M3=-39.9628087255278 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR133 CaseType=Combination P=-10.629522717989 V2=16.7917266192692 V3=0 T=0 M2=0 M3=-68.401159064561 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.629522717989 V2=19.9557891192692 V3=0 T=0 M2=0 M3=-75.2913182655369 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR134 CaseType=Combination P=-23.7248735290578 V2=27.7176057400534 V3=0 T=0 M2=0 M3=-63.0295876173736 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR134 CaseType=Combination P=-23.7248735290578 V2=30.8816682400534 V3=0 T=0 M2=0 M3=-74.0169514886436 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR135 CaseType=Combination P=-36.820224342516 V2=16.7989505876157 V3=0 T=0 M2=0 M3=-65.8497165224537 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR135 CaseType=Combination P=-36.820224342516 V2=19.9630130876157 V3=0 T=0 M2=0 M3=-72.7425847115596 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR136 CaseType=Combination P=-28.0370450568193 V2=16.5790247934864 V3=0 T=0 M2=0 M3=-21.0489060371066 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR136 CaseType=Combination P=-28.0370450568193 V2=18.9227747934864 V3=0 T=0 M2=0 M3=-27.705493459664 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR137 CaseType=Combination P=-41.1323958702775 V2=5.66036964104864 V3=0 T=0 M2=0 M3=-23.8690349421867 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR137 CaseType=Combination P=-41.1323958702775 V2=8.00411964104864 V3=0 T=0 M2=0 M3=-26.4311266825799 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR138 CaseType=Combination P=-29.4313532784402 V2=8.01132604558024 V3=0 T=0 M2=0 M3=-35.0932334224821 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR138 CaseType=Combination P=-29.4313532784402 V2=11.1753885455802 V3=0 T=0 M2=0 M3=-38.6907424083247 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR139 CaseType=Combination P=-15.9828467069888 V2=8.00787524422957 V3=0 T=0 M2=0 M3=-36.3120263285529 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR139 CaseType=Combination P=-15.9828467069888 V2=11.1719377442296 V3=0 T=0 M2=0 M3=-39.9082412638889 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR140 CaseType=Combination P=-10.6932722047458 V2=16.7918812818133 V3=0 T=0 M2=0 M3=-68.3465336044681 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.6932722047458 V2=19.9559437818133 V3=0 T=0 M2=0 M3=-75.236750803898 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR141 CaseType=Combination P=-23.7886230158146 V2=27.7177604025975 V3=0 T=0 M2=0 M3=-62.9749621572807 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR141 CaseType=Combination P=-23.7886230158146 V2=30.8818229025975 V3=0 T=0 M2=0 M3=-73.9623840270047 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR142 CaseType=Combination P=-36.8839738292728 V2=16.7991052501597 V3=0 T=0 M2=0 M3=-65.7950910623608 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR142 CaseType=Combination P=-36.8839738292728 V2=19.9631677501597 V3=0 T=0 M2=0 M3=-72.6880172499207 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR143 CaseType=Combination P=-28.1007945435762 V2=16.5791794560305 V3=0 T=0 M2=0 M3=-20.9942805770137 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR143 CaseType=Combination P=-28.1007945435762 V2=18.9229294560305 V3=0 T=0 M2=0 M3=-27.6509259980251 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR144 CaseType=Combination P=-41.1961453570344 V2=5.66052430359271 V3=0 T=0 M2=0 M3=-23.8144094820938 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR144 CaseType=Combination P=-41.1961453570344 V2=8.00427430359271 V3=0 T=0 M2=0 M3=-26.3765592209411 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR145 CaseType=Combination P=-32.1011517575653 V2=9.09621164576765 V3=0 T=0 M2=0 M3=-33.3202954370624 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR145 CaseType=Combination P=-32.1011517575653 V2=12.2602741457677 V3=0 T=0 M2=0 M3=-37.3246365229752 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR146 CaseType=Combination P=-18.6526451861139 V2=9.09276084441699 V3=0 T=0 M2=0 M3=-34.5390883431331 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR146 CaseType=Combination P=-18.6526451861139 V2=12.256823344417 V3=0 T=0 M2=0 M3=-38.5421353785395 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR147 CaseType=Combination P=-10.3073895888767 V2=20.8016331872633 V3=0 T=0 M2=0 M3=-78.3592691372169 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.3073895888767 V2=23.9656956872633 V3=0 T=0 M2=0 M3=-86.7531433011907 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR148 CaseType=Combination P=-25.5264395752616 V2=33.7884425740357 V3=0 T=0 M2=0 M3=-71.9929763905671 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.5264395752616 V2=36.9525050740357 V3=0 T=0 M2=0 M3=-85.2569040745804 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR149 CaseType=Combination P=-40.7454895644288 V2=20.8101148779417 V3=0 T=0 M2=0 M3=-75.3636100497642 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.7454895644288 V2=23.9741773779417 V3=0 T=0 M2=0 M3=-83.7606648477423 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR150 CaseType=Combination P=-31.6018026037708 V2=19.7218596149408 V3=0 T=0 M2=0 M3=-19.3341257183283 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR150 CaseType=Combination P=-31.6018026037708 V2=22.0656096149408 V3=0 T=0 M2=0 M3=-27.1692761989311 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR151 CaseType=Combination P=-46.820852592938 V2=6.74353191884677 V3=0 T=0 M2=0 M3=-22.7047593775254 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR151 CaseType=Combination P=-46.820852592938 V2=9.08728191884677 V3=0 T=0 M2=0 M3=-25.673036972093 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR152 CaseType=Combination P=-25.1659319000645 V2=38.0801338112548 V3=0 T=0 M2=0 M3=-58.8292947797659 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR152 CaseType=Combination P=-25.1659319000645 V2=41.2441963112548 V3=0 T=0 M2=0 M3=-73.7026066777364 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR153 CaseType=Combination P=-13.3630706838709 V2=17.8767668820007 V3=0 T=0 M2=0 M3=-66.5735956190483 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR153 CaseType=Combination P=-13.3630706838709 V2=21.0408293820007 V3=0 T=0 M2=0 M3=-73.8706449185486 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR154 CaseType=Combination P=-26.4584214949397 V2=28.8026460027849 V3=0 T=0 M2=0 M3=-61.202024171861 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR154 CaseType=Combination P=-26.4584214949397 V2=31.9667085027849 V3=0 T=0 M2=0 M3=-72.5962781416553 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR155 CaseType=Combination P=-39.5537723083979 V2=17.8839908503472 V3=0 T=0 M2=0 M3=-64.0221530769411 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR155 CaseType=Combination P=-39.5537723083979 V2=21.0480533503472 V3=0 T=0 M2=0 M3=-71.3219113645713 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR156 CaseType=Combination P=-30.7705930227013 V2=17.6640650562179 V3=0 T=0 M2=0 M3=-19.2213425915939 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR156 CaseType=Combination P=-30.7705930227013 V2=20.0078150562179 V3=0 T=0 M2=0 M3=-26.2848201126757 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR157 CaseType=Combination P=-43.8659438361595 V2=6.74540990378013 V3=0 T=0 M2=0 M3=-22.0414714966741 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR157 CaseType=Combination P=-43.8659438361595 V2=9.08915990378013 V3=0 T=0 M2=0 M3=-25.0104533355916 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR158 CaseType=Combination P=-30.2261668529522 V2=9.09166274741377 V3=0 T=0 M2=0 M3=-34.9269266162648 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR158 CaseType=Combination P=-30.2261668529522 V2=12.2557252474138 V3=0 T=0 M2=0 M3=-38.929561865295 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR159 CaseType=Combination P=-16.7776602815008 V2=9.08821194606311 V3=0 T=0 M2=0 M3=-36.1457195223356 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR159 CaseType=Combination P=-16.7776602815008 V2=12.2522744460631 V3=0 T=0 M2=0 M3=-40.1470607208592 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR160 CaseType=Combination P=-11.4880857792579 V2=17.8722179836468 V3=0 T=0 M2=0 M3=-68.1802267982507 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR160 CaseType=Combination P=-11.4880857792579 V2=21.0362804836468 V3=0 T=0 M2=0 M3=-75.4755702608683 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR161 CaseType=Combination P=-24.5834365903266 V2=28.798097104431 V3=0 T=0 M2=0 M3=-62.8086553510634 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR161 CaseType=Combination P=-24.5834365903266 V2=31.962159604431 V3=0 T=0 M2=0 M3=-74.201203483975 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR162 CaseType=Combination P=-37.6787874037849 V2=17.8794419519933 V3=0 T=0 M2=0 M3=-65.6287842561435 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR162 CaseType=Combination P=-37.6787874037849 V2=21.0435044519933 V3=0 T=0 M2=0 M3=-72.926836706891 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR163 CaseType=Combination P=-28.8956081180882 V2=17.659516157864 V3=0 T=0 M2=0 M3=-20.8279737707964 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR163 CaseType=Combination P=-28.8956081180882 V2=20.003266157864 V3=0 T=0 M2=0 M3=-27.8897454549954 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR164 CaseType=Combination P=-41.990589315464 V2=6.74086100542625 V3=0 T=0 M2=0 M3=-23.6481026758765 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR164 CaseType=Combination P=-41.990589315464 V2=9.08461100542625 V3=0 T=0 M2=0 M3=-26.6153786779113 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR165 CaseType=Combination P=-33.9761366621784 V2=9.10076054412153 V3=0 T=0 M2=0 M3=-31.71366425786 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR165 CaseType=Combination P=-33.9761366621784 V2=12.2648230441215 V3=0 T=0 M2=0 M3=-35.7197111806555 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR166 CaseType=Combination P=-20.5276300907269 V2=9.09730974277087 V3=0 T=0 M2=0 M3=-32.9324571639307 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR166 CaseType=Combination P=-20.5276300907269 V2=12.2613722427709 V3=0 T=0 M2=0 M3=-36.9372100362198 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR167 CaseType=Combination P=-15.238055588484 V2=17.8813157803546 V3=0 T=0 M2=0 M3=-64.9669644398459 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR167 CaseType=Combination P=-15.238055588484 V2=21.0453782803546 V3=0 T=0 M2=0 M3=-72.2657195762289 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR168 CaseType=Combination P=-28.3334063995528 V2=28.8071949011388 V3=0 T=0 M2=0 M3=-59.5953929926585 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR168 CaseType=Combination P=-28.3334063995528 V2=31.9712574011388 V3=0 T=0 M2=0 M3=-70.9913527993356 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR169 CaseType=Combination P=-41.428757213011 V2=17.888539748701 V3=0 T=0 M2=0 M3=-62.4155218977387 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR169 CaseType=Combination P=-41.428757213011 V2=21.052602248701 V3=0 T=0 M2=0 M3=-69.7169860222515 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=STR170 CaseType=Combination P=-32.6455779273143 V2=17.6686139545718 V3=0 T=0 M2=0 M3=-17.6147114123915 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR170 CaseType=Combination P=-32.6455779273143 V2=20.0123639545718 V3=0 T=0 M2=0 M3=-24.6798947703559 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR171 CaseType=Combination P=-45.7409287407725 V2=6.74995880213401 V3=0 T=0 M2=0 M3=-20.4348403174716 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR171 CaseType=Combination P=-45.7409287407725 V2=9.09370880213401 V3=0 T=0 M2=0 M3=-23.4055279932719 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR172 CaseType=Combination P=-32.9275370884924 V2=9.74526158152092 V3=0 T=0 M2=0 M3=-32.9210353015287 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR172 CaseType=Combination P=-32.9275370884924 V2=12.9093240815209 V3=0 T=0 M2=0 M3=-37.168770113349 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR173 CaseType=Combination P=-19.479030517041 V2=9.74181078017026 V3=0 T=0 M2=0 M3=-34.1398282075994 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR173 CaseType=Combination P=-19.479030517041 V2=12.9058732801703 V3=0 T=0 M2=0 M3=-38.3862689689133 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR174 CaseType=Combination P=-14.189456014798 V2=18.5258168177539 V3=0 T=0 M2=0 M3=-66.1743354835146 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR174 CaseType=Combination P=-14.189456014798 V2=21.6898793177539 V3=0 T=0 M2=0 M3=-73.7147785089224 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR175 CaseType=Combination P=-27.2848068258668 V2=29.4516959385382 V3=0 T=0 M2=0 M3=-60.8027640363273 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR175 CaseType=Combination P=-27.2848068258668 V2=32.6157584385382 V3=0 T=0 M2=0 M3=-72.4404117320291 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR176 CaseType=Combination P=-40.380157639325 V2=18.5330407861004 V3=0 T=0 M2=0 M3=-63.6228929414074 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR176 CaseType=Combination P=-40.380157639325 V2=21.6971032861004 V3=0 T=0 M2=0 M3=-71.166044954945 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR177 CaseType=Combination P=-31.5969783536283 V2=18.3131149919712 V3=0 T=0 M2=0 M3=-18.8220824560602 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR177 CaseType=Combination P=-31.5969783536283 V2=20.6568649919712 V3=0 T=0 M2=0 M3=-26.1289537030494 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR178 CaseType=Combination P=-44.6923291670866 V2=7.3944598395334 V3=0 T=0 M2=0 M3=-21.6422113611403 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR178 CaseType=Combination P=-44.6923291670866 V2=9.7382098395334 V3=0 T=0 M2=0 M3=-24.8548569259654 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR179 CaseType=Combination P=-32.9275370884924 V2=9.74526158152092 V3=0 T=0 M2=0 M3=-32.9210353015287 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR179 CaseType=Combination P=-32.9275370884924 V2=12.9093240815209 V3=0 T=0 M2=0 M3=-37.168770113349 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR180 CaseType=Combination P=-31.2747664266382 V2=8.44716171001438 V3=0 T=0 M2=0 M3=-33.719555725961 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR180 CaseType=Combination P=-31.2747664266382 V2=11.6112242100144 V3=0 T=0 M2=0 M3=-37.4805029326015 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR181 CaseType=Combination P=-17.8262598551868 V2=8.44371090866372 V3=0 T=0 M2=0 M3=-34.9383484786668 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR181 CaseType=Combination P=-17.8262598551868 V2=11.6077734086637 V3=0 T=0 M2=0 M3=-38.6980017881657 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR182 CaseType=Combination P=-12.5366853529438 V2=17.2277169462474 V3=0 T=0 M2=0 M3=-66.972855754582 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR182 CaseType=Combination P=-12.5366853529438 V2=20.3917794462474 V3=0 T=0 M2=0 M3=-74.0265113281748 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR183 CaseType=Combination P=-25.6320361640126 V2=28.1535960670317 V3=0 T=0 M2=0 M3=-61.6012843073947 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR183 CaseType=Combination P=-25.6320361640126 V2=31.3176585670317 V3=0 T=0 M2=0 M3=-72.7521445512815 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR184 CaseType=Combination P=-38.7273869774708 V2=17.2349409145939 V3=0 T=0 M2=0 M3=-64.4214132124748 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR184 CaseType=Combination P=-38.7273869774708 V2=20.3990034145939 V3=0 T=0 M2=0 M3=-71.4777777741975 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR185 CaseType=Combination P=-29.9442076917742 V2=17.0150151204646 V3=0 T=0 M2=0 M3=-19.6206027271277 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR185 CaseType=Combination P=-29.9442076917742 V2=19.3587651204646 V3=0 T=0 M2=0 M3=-26.4406865223019 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR186 CaseType=Combination P=-43.0395585052324 V2=6.09635996802686 V3=0 T=0 M2=0 M3=-22.4407316322078 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR186 CaseType=Combination P=-43.0395585052324 V2=8.44010996802686 V3=0 T=0 M2=0 M3=-25.1663197452178 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=STR187 CaseType=Combination P=-31.2747664266382 V2=8.44716171001438 V3=0 T=0 M2=0 M3=-33.719555725961 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=STR187 CaseType=Combination P=-31.2747664266382 V2=11.6112242100144 V3=0 T=0 M2=0 M3=-37.4805029326015 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652630553 V2=38.7244801861102 V3=0 T=0 M2=0 M3=-17.6147114123915 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652630553 V2=41.8885426861102 V3=0 T=0 M2=0 M3=-23.4055279932719 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.820852592938 V2=5.65127184434088 V3=0 T=0 M2=0 M3=-81.6271569557147 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.820852592938 V2=7.99502184434088 V3=0 T=0 M2=0 M3=-90.017561447469 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=SIS01 CaseType=Combination P=-26.554695344794 V2=25.6470961350765 V3=0 T=0 M2=0 M3=-17.9901141609753 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-26.554695344794 V2=27.9908461350765 V3=0 T=0 M2=0 M3=-28.047228336629 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS02 CaseType=Combination P=-25.2526224943683 V2=25.6439371778863 V3=0 T=0 M2=0 M3=-19.1058302576436 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-25.2526224943683 V2=27.9876871778863 V3=0 T=0 M2=0 M3=-29.161759824351 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS03 CaseType=Combination P=-27.8567681952198 V2=25.6502550922667 V3=0 T=0 M2=0 M3=-16.8743980643069 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-27.8567681952198 V2=27.9940050922667 V3=0 T=0 M2=0 M3=-26.9326968489069 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS04 CaseType=Combination P=-27.1285740468267 V2=26.0978252571274 V3=0 T=0 M2=0 M3=-17.712801779657 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-27.1285740468267 V2=28.4415752571274 V3=0 T=0 M2=0 M3=-27.938987743885 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS05 CaseType=Combination P=-25.9808166427613 V2=25.1963670130256 V3=0 T=0 M2=0 M3=-18.2673781439848 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-25.9808166427613 V2=27.5401170130256 V3=0 T=0 M2=0 M3=-28.1554688988694 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS06 CaseType=Combination P=-27.9010386721342 V2=25.6503624968112 V3=0 T=0 M2=0 M3=-16.8364637170202 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-27.9010386721342 V2=27.9941124968112 V3=0 T=0 M2=0 M3=-26.8948027783244 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS07 CaseType=Combination P=-25.826501196401 V2=26.0946662999372 V3=0 T=0 M2=0 M3=-18.8285662746341 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-25.826501196401 V2=28.4384162999372 V3=0 T=0 M2=0 M3=-29.0535192621106 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS08 CaseType=Combination P=-24.6787437923356 V2=25.1932080558355 V3=0 T=0 M2=0 M3=-19.3830942406531 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-24.6787437923356 V2=27.5369580558355 V3=0 T=0 M2=0 M3=-29.2700003865914 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS09 CaseType=Combination P=-26.5989658217085 V2=25.647203539621 V3=0 T=0 M2=0 M3=-17.9521798136885 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-26.5989658217085 V2=27.990953539621 V3=0 T=0 M2=0 M3=-28.0093342660464 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS10 CaseType=Combination P=-26.4555953345259 V2=26.2122329059711 V3=0 T=0 M2=0 M3=-20.0051188759234 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-26.4555953345259 V2=28.5559829059711 V3=0 T=0 M2=0 M3=-30.2741593406625 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS11 CaseType=Combination P=-25.1535224841002 V2=26.2090739487809 V3=0 T=0 M2=0 M3=-21.1208349725917 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-25.1535224841002 V2=28.5528239487809 V3=0 T=0 M2=0 M3=-31.3886908283846 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS12 CaseType=Combination P=-27.7576681849517 V2=26.2153918631613 V3=0 T=0 M2=0 M3=-18.889402779255 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-27.7576681849517 V2=28.5591418631613 V3=0 T=0 M2=0 M3=-29.1596278529405 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS13 CaseType=Combination P=-27.0294740365586 V2=26.662962028022 V3=0 T=0 M2=0 M3=-19.7278548929138 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-27.0294740365586 V2=29.006712028022 V3=0 T=0 M2=0 M3=-30.1659187784221 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS14 CaseType=Combination P=-25.8817166324932 V2=25.7615037839203 V3=0 T=0 M2=0 M3=-20.2823828589329 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-25.8817166324932 V2=28.1052537839203 V3=0 T=0 M2=0 M3=-30.382399902903 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS15 CaseType=Combination P=-27.8019386618661 V2=26.2154992677058 V3=0 T=0 M2=0 M3=-18.8514684319683 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-27.8019386618661 V2=28.5592492677058 V3=0 T=0 M2=0 M3=-29.121733782358 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS16 CaseType=Combination P=-25.7274011861329 V2=26.6598030708318 V3=0 T=0 M2=0 M3=-20.8435709895822 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-25.7274011861329 V2=29.0035530708318 V3=0 T=0 M2=0 M3=-31.2804502661441 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS17 CaseType=Combination P=-24.5796437820675 V2=25.7583448267301 V3=0 T=0 M2=0 M3=-21.3980989556012 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-24.5796437820675 V2=28.1020948267301 V3=0 T=0 M2=0 M3=-31.496931390625 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS18 CaseType=Combination P=-26.4998658114404 V2=26.2123403105156 V3=0 T=0 M2=0 M3=-19.9671845286366 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-26.4998658114404 V2=28.5560903105156 V3=0 T=0 M2=0 M3=-30.23626527008 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS19 CaseType=Combination P=-26.6703120240921 V2=15.1253870321124 V3=0 T=0 M2=0 M3=-19.3376689031004 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-26.6703120240921 V2=17.4691370321124 V3=0 T=0 M2=0 M3=-25.4491421651426 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS20 CaseType=Combination P=-25.3682391736663 V2=15.1222280749222 V3=0 T=0 M2=0 M3=-20.4533849997688 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-25.3682391736663 V2=17.4659780749222 V3=0 T=0 M2=0 M3=-26.5636736528646 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=SIS21 CaseType=Combination P=-27.9723848745178 V2=15.1285459893026 V3=0 T=0 M2=0 M3=-18.2219528064321 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-27.9723848745178 V2=17.4722959893026 V3=0 T=0 M2=0 M3=-24.3346106774205 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS22 CaseType=Combination P=-27.2441907261248 V2=15.5761161541633 V3=0 T=0 M2=0 M3=-19.0604049200909 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-27.2441907261248 V2=17.9198661541633 V3=0 T=0 M2=0 M3=-25.3409016029021 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS23 CaseType=Combination P=-26.0964333220594 V2=14.6746579100616 V3=0 T=0 M2=0 M3=-19.6149328861099 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-26.0964333220594 V2=17.0184079100616 V3=0 T=0 M2=0 M3=-25.557382727383 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS24 CaseType=Combination P=-28.0166553514323 V2=15.1286533938471 V3=0 T=0 M2=0 M3=-18.1840184591453 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-28.0166553514323 V2=17.4724033938471 V3=0 T=0 M2=0 M3=-24.296716606838 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS25 CaseType=Combination P=-25.942117875699 V2=15.5729571969731 V3=0 T=0 M2=0 M3=-20.1761210167592 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-25.942117875699 V2=17.9167071969731 V3=0 T=0 M2=0 M3=-26.4554330906242 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS26 CaseType=Combination P=-24.7943604716336 V2=14.6714989528714 V3=0 T=0 M2=0 M3=-20.7306489827783 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-24.7943604716336 V2=17.0152489528714 V3=0 T=0 M2=0 M3=-26.671914215105 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS27 CaseType=Combination P=-26.7145825010065 V2=15.1254944366569 V3=0 T=0 M2=0 M3=-19.2997345558137 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-26.7145825010065 V2=17.4692444366569 V3=0 T=0 M2=0 M3=-25.41124809456 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS28 CaseType=Combination P=-26.3399786565317 V2=17.0091762684278 V3=0 T=0 M2=0 M3=-26.0543512862607 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-26.3399786565317 V2=19.3529262684278 V3=0 T=0 M2=0 M3=-32.8722455119212 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS29 CaseType=Combination P=-25.037905806106 V2=17.0060173112376 V3=0 T=0 M2=0 M3=-27.1700673829291 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-25.037905806106 V2=19.3497673112376 V3=0 T=0 M2=0 M3=-33.9867769996432 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS30 CaseType=Combination P=-27.6420515069575 V2=17.012335225618 V3=0 T=0 M2=0 M3=-24.9386351895924 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-27.6420515069575 V2=19.356085225618 V3=0 T=0 M2=0 M3=-31.7577140241991 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS31 CaseType=Combination P=-26.9138573585645 V2=17.4599053904787 V3=0 T=0 M2=0 M3=-25.7770873032512 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-26.9138573585645 V2=19.8036553904787 V3=0 T=0 M2=0 M3=-32.7640049496807 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS32 CaseType=Combination P=-25.766099954499 V2=16.5584471463769 V3=0 T=0 M2=0 M3=-26.3316152692703 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-25.766099954499 V2=18.9021971463769 V3=0 T=0 M2=0 M3=-32.9804860741616 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS33 CaseType=Combination P=-27.686321983872 V2=17.0124426301625 V3=0 T=0 M2=0 M3=-24.9007008423057 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-27.686321983872 V2=19.3561926301625 V3=0 T=0 M2=0 M3=-31.7198199536166 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS34 CaseType=Combination P=-25.6117845081387 V2=17.4567464332885 V3=0 T=0 M2=0 M3=-26.8928033999196 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-25.6117845081387 V2=19.8004964332885 V3=0 T=0 M2=0 M3=-33.8785364374028 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS35 CaseType=Combination P=-24.4640271040733 V2=16.5552881891867 V3=0 T=0 M2=0 M3=-27.4473313659386 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-24.4640271040733 V2=18.8990381891867 V3=0 T=0 M2=0 M3=-34.0950175618836 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=SIS36 CaseType=Combination P=-26.3842491334462 V2=17.0092836729723 V3=0 T=0 M2=0 M3=-26.016416938974 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-26.3842491334462 V2=19.3530336729723 V3=0 T=0 M2=0 M3=-32.8343514413386 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271040733 V2=26.662962028022 V3=0 T=0 M2=0 M3=-16.8364637170202  
FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271040733 V2=29.006712028022 V3=0 T=0 M2=0 M3=-24.296716606838  
FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553514323 V2=14.6714989528714 V3=0 T=0 M2=0 M3=-27.4473313659386  
FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553514323 V2=17.0152489528714 V3=0 T=0 M2=0 M3=-34.0950175618836  
FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR001 CaseType=Combination P=-21.385131682925 V2=6.73212768711437 V3=0 T=0 M2=0 M3=-26.7326344463367 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-21.385131682925 V2=9.07587768711437 V3=0 T=0 M2=0 M3=-29.6966354540046 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR002 CaseType=Combination P=-9.21974711268958 V2=15.4059081858716 V3=0 T=0 M2=0 M3=-59.0006946360416 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-9.21974711268958 V2=17.7496581858716 V3=0 T=0 M2=0 M3=-65.2173633307434  
FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR003 CaseType=Combination P=-18.9827458417607 V2=23.9602572797312 V3=0 T=0 M2=0 M3=-54.821227487104 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-18.9827458417607 V2=26.3040072797312 V3=0 T=0 M2=0 M3=-64.2457770920032 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR004 CaseType=Combination P=-28.7457445726362 V2=15.4114157904028 V3=0 T=0 M2=0 M3=-57.0554568067108 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-28.7457445726362 V2=17.7551657904028 V3=0 T=0 M2=0 M3=-63.2741908531118 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR005 CaseType=Combination P=-24.2070169550871 V2=15.28469576113 V3=0 T=0 M2=0 M3=-23.1822079553359 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-24.2070169550871 V2=17.62844576113 V3=0 T=0 M2=0 M3=-29.33534219907597 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR006 CaseType=Combination P=-33.9700156859626 V2=6.7358542718016 V3=0 T=0 M2=0 M3=-25.4164372749427 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-33.9700156859626 V2=9.0796042718016 V3=0 T=0 M2=0 M3=-28.3818357518683 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR007 CaseType=Combination P=-18.7157031193924 V2=27.1392878258195 V3=0 T=0 M2=0 M3=-45.0703522198439 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-18.7157031193924 V2=29.4830378258195 V3=0 T=0 M2=0 M3=-55.6870382795262 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR008 CaseType=Combination P=-11.8398725251645 V2=6.72402875289001 V3=0 T=0 M2=0 M3=-29.5931072976102 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-11.8398725251645 V2=9.06777875289001 V3=0 T=0 M2=0 M3=-32.554071204944 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR009 CaseType=Combination P=-7.65725969217869 V2=15.4021174372433 V3=0 T=0 M2=0 M3=-60.3395539520436 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-7.65725969217869 V2=17.7458674372433 V3=0 T=0 M2=0 M3=-66.5548011160099 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR010 CaseType=Combination P=-17.4202584212498 V2=23.956466531103 V3=0 T=0 M2=0 M3=-56.160086803106 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-17.4202584212498 V2=26.300216531103 V3=0 T=0 M2=0 M3=-65.5832148772696 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR011 CaseType=Combination P=-27.1832571521254 V2=15.4076250417745 V3=0 T=0 M2=0 M3=-58.3943161227128 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-27.1832571521254 V2=17.7513750417745 V3=0 T=0 M2=0 M3=-64.6116286383782 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR012 CaseType=Combination P=-22.6445295345762 V2=15.2809050125018 V3=0 T=0 M2=0 M3=-24.5210672713379 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-22.6445295345762 V2=17.6246550125018 V3=0 T=0 M2=0 M3=-30.6908597760261 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR013 CaseType=Combination P=-32.4075282654517 V2=6.73206352317337 V3=0 T=0 M2=0 M3=-26.7552965909447 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-32.4075282654517 V2=9.07581352317337 V3=0 T=0 M2=0 M3=-29.7192735371347 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR014 CaseType=Combination P=-17.1532156988816 V2=27.1354970771912 V3=0 T=0 M2=0 M3=-46.4092115358459 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-17.1532156988816 V2=29.4792470771912 V3=0 T=0 M2=0 M3=-57.0244760647926 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR015 CaseType=Combination P=-7.92166919016969 V2=13.2306998918409 V3=0 T=0 M2=0 M3=-53.3223719464363 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-7.92166919016969 V2=15.5744498918409 V3=0 T=0 M2=0 M3=-58.7233375308766 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR016 CaseType=Combination P=-16.1115574190066 V2=20.2584339738574 V3=0 T=0 M2=0 M3=-49.8797353896932 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-16.1115574190066 V2=22.6021839738574 V3=0 T=0 M2=0 M3=-57.9161012548897 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR017 CaseType=Combination P=-24.301445649357 V2=13.2352758502003 V3=0 T=0 M2=0 M3=-51.706183409954 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-24.301445649357 V2=15.5790258502003 V3=0 T=0 M2=0 M3=-57.1088649787791 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR018 CaseType=Combination P=-20.0297607540014 V2=13.7517628349065 V3=0 T=0 M2=0 M3=-26.1504707408671 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-20.0297607540014 V2=16.0955128349065 V3=0 T=0 M2=0 M3=-31.7468349289571 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR019 CaseType=Combination P=-28.2196489843517 V2=6.7286047112494 V3=0 T=0 M2=0 M3=-27.9769187611279 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-28.2196489843517 V2=9.0723547112494 V3=0 T=0 M2=0 M3=-30.9395986528464 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR020 CaseType=Combination P=-12.5285269676037 V2=7.26490369935107 V3=0 T=0 M2=0 M3=-29.2603905179988 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-12.5285269676037 V2=9.60865369935107 V3=0 T=0 M2=0 M3=-32.4241825302554 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR021 CaseType=Combination P=-8.61032363260893 V2=13.7715748383019 V3=0 T=0 M2=0 M3=-52.9896551668249 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-8.61032363260893 V2=16.1153248383019 V3=0 T=0 M2=0 M3=-58.5934488561881 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR022 CaseType=Combination P=-16.8002118614459 V2=20.7993089203185 V3=0 T=0 M2=0 M3=-49.5470186100818 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-16.8002118614459 V2=23.1430589203185 V3=0 T=0 M2=0 M3=-57.7862125802012 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR023 CaseType=Combination P=-24.9901000917962 V2=13.7761507966613 V3=0 T=0 M2=0 M3=-51.3734666303425 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-24.9901000917962 V2=16.1199007966613 V3=0 T=0 M2=0 M3=-56.9789763040905 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR024 CaseType=Combination P=-20.7184151964406 V2=14.2926377813676 V3=0 T=0 M2=0 M3=-25.8177539612557 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-20.7184151964406 V2=16.6363877813676 V3=0 T=0 M2=0 M3=-31.6169462542685 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR025 CaseType=Combination P=-28.908303426791 V2=7.26947965771046 V3=0 T=0 M2=0 M3=-27.6442019815165 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-28.908303426791 V2=9.61322965771046 V3=0 T=0 M2=0 M3=-30.8097099781579 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR026 CaseType=Combination P=-11.1512180827252 V2=6.18315380642895 V3=0 T=0 M2=0 M3=-29.9258240772216 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-11.1512180827252 V2=8.52690380642895 V3=0 T=0 M2=0 M3=-32.6839598796325 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR027 CaseType=Combination P=-7.23301474773044 V2=12.6898249453798 V3=0 T=0 M2=0 M3=-53.6550887260477 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-7.23301474773044 V2=15.0335749453798 V3=0 T=0 M2=0 M3=-58.8532262055651 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR028 CaseType=Combination P=-15.4229029765674 V2=19.7175590273964 V3=0 T=0 M2=0 M3=-50.2124521693046 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-15.4229029765674 V2=22.0613090273964 V3=0 T=0 M2=0 M3=-58.0459899295782 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR029 CaseType=Combination P=-23.6127912069177 V2=12.6944009037392 V3=0 T=0 M2=0 M3=-52.0389001895654 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-23.6127912069177 V2=15.0381509037392 V3=0 T=0 M2=0 M3=-57.2387536534676 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR030 CaseType=Combination P=-19.3411063115622 V2=13.2108878884455 V3=0 T=0 M2=0 M3=-26.4831875204785 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-19.3411063115622 V2=15.5546378884455 V3=0 T=0 M2=0 M3=-31.8767236036456 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR031 CaseType=Combination P=-27.5309945419125 V2=6.18772976478834 V3=0 T=0 M2=0 M3=-28.3096355407393 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-27.5309945419125 V2=8.53147976478834 V3=0 T=0 M2=0 M3=-31.0694873275349 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR032 CaseType=Combination P=-13.4554845179727 V2=6.72794838697163 V3=0 T=0 M2=0 M3=-28.2087267648641 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-13.4554845179727 V2=9.07169838697163 V3=0 T=0 M2=0 M3=-31.1711605349785 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR033 CaseType=Combination P=-9.53728118297795 V2=13.2346195259225 V3=0 T=0 M2=0 M3=-51.9379914136902 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-9.53728118297795 V2=15.5783695259225 V3=0 T=0 M2=0 M3=-57.3404268609111 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR034 CaseType=Combination P=-17.7271694118149 V2=20.262353607939 V3=0 T=0 M2=0 M3=-48.4953548569471 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-17.7271694118149 V2=22.606103607939 V3=0 T=0 M2=0 M3=-56.5331905849242 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR035 CaseType=Combination P=-25.9170576421652 V2=13.2391954842819 V3=0 T=0 M2=0 M3=-50.3218028772078 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-25.9170576421652 V2=15.5829454842819 V3=0 T=0 M2=0 M3=-55.7259543088136 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR036 CaseType=Combination P=-21.6453727468097 V2=13.7556824689882 V3=0 T=0 M2=0 M3=-24.766090208121 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-21.6453727468097 V2=16.0994324689882 V3=0 T=0 M2=0 M3=-30.3639242589916 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR037 CaseType=Combination P=-29.83526097716 V2=6.73252434533103 V3=0 T=0 M2=0 M3=-26.5925382283818 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-29.83526097716 V2=9.07627434533103 V3=0 T=0 M2=0 M3=-29.5566879828809 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR038 CaseType=Combination P=-17.0481639268674 V2=6.73666458165079 V3=0 T=0 M2=0 M3=-25.1302429109368 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-17.0481639268674 V2=9.08041458165079 V3=0 T=0 M2=0 M3=-28.0959452540558 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.7822345332005 V2=15.4096989344998 V3=0 T=0 M2=0 M3=-57.6618353200396 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.7822345332005 V2=17.7534489344998 V3=0 T=0 M2=0 M3=-63.879925545477 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR040 CaseType=Combination P=-20.5452332622716 V2=23.9640480283594 V3=0 T=0 M2=0 M3=-53.482368171102 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-20.5452332622716 V2=26.3077980283594 V3=0 T=0 M2=0 M3=-62.9083393067368 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR041 CaseType=Combination P=-30.3082319931471 V2=15.415206539031 V3=0 T=0 M2=0 M3=-55.7165974907087 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-30.3082319931471 V2=17.758956539031 V3=0 T=0 M2=0 M3=-61.9367530678454 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR042 CaseType=Combination P=-25.769504375598 V2=15.2884865097583 V3=0 T=0 M2=0 M3=-21.8433486393339 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-25.769504375598 V2=17.6322365097583 V3=0 T=0 M2=0 M3=-28.0159842054932 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR043 CaseType=Combination P=-35.5325031064735 V2=6.73964502042983 V3=0 T=0 M2=0 M3=-24.0775779589406 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-35.5325031064735 V2=9.08339502042983 V3=0 T=0 M2=0 M3=-27.0443979666108 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR044 CaseType=Combination P=-20.2781905399033 V2=27.1430785744477 V3=0 T=0 M2=0 M3=-43.7314929038419 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-20.2781905399033 V2=29.4868285744477 V3=0 T=0 M2=0 M3=-54.3496004942598 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR045 CaseType=Combination P=-13.1299605918727 V2=13.2433357206017 V3=0 T=0 M2=0 M3=-48.8595075597629 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-13.1299605918727 V2=15.5870857206017 V3=0 T=0 M2=0 M3=-54.2652115799885 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR046 CaseType=Combination P=-21.3198488207096 V2=20.2710698026182 V3=0 T=0 M2=0 M3=-45.4168710030198 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-21.3198488207096 V2=22.6148198026182 V3=0 T=0 M2=0 M3=-53.4579753040016 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR047 CaseType=Combination P=-29.5097370510599 V2=13.2479116789611 V3=0 T=0 M2=0 M3=-47.2433190232805 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-29.5097370510599 V2=15.5916616789611 V3=0 T=0 M2=0 M3=-52.6507390278909 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR048 CaseType=Combination P=-25.2380521557044 V2=13.7643986636673 V3=0 T=0 M2=0 M3=-21.6876063541937 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-25.2380521557044 V2=16.1081486636673 V3=0 T=0 M2=0 M3=-27.2887089780689 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR049 CaseType=Combination P=-33.4279403860547 V2=6.74124054001018 V3=0 T=0 M2=0 M3=-23.5140543744545 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-33.4279403860547 V2=9.08499054001018 V3=0 T=0 M2=0 M3=-26.4814727019583 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR050 CaseType=Combination P=-17.7368183693067 V2=7.27753952811184 V3=0 T=0 M2=0 M3=-24.7975261313254 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-17.7368183693067 V2=9.62128952811184 V3=0 T=0 M2=0 M3=-27.9660565793673 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR051 CaseType=Combination P=-13.8186150343119 V2=13.7842106670627 V3=0 T=0 M2=0 M3=-48.5267907801515 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-13.8186150343119 V2=16.1279606670627 V3=0 T=0 M2=0 M3=-54.1353229053 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR052 CaseType=Combination P=-22.0085032631488 V2=20.8119447490793 V3=0 T=0 M2=0 M3=-45.0841542234083 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-22.0085032631488 V2=23.1556947490793 V3=0 T=0 M2=0 M3=-53.3280866293131 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR053 CaseType=Combination P=-30.1983914934992 V2=13.7887866254221 V3=0 T=0 M2=0 M3=-46.9106022436691 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-30.1983914934992 V2=16.1325366254221 V3=0 T=0 M2=0 M3=-52.5208503532024 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR054 CaseType=Combination P=-25.9267065981436 V2=14.3052736101284 V3=0 T=0 M2=0 M3=-21.3548895745823 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-25.9267065981436 V2=16.6490236101284 V3=0 T=0 M2=0 M3=-27.1588203033804 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR055 CaseType=Combination P=-34.1165948284939 V2=9.62586548647124 V3=0 T=0 M2=0 M3=-26.3515840272698 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-34.1165948284939 V2=9.62586548647124 V3=0 T=0 M2=0 M3=-26.3515840272698 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR056 CaseType=Combination P=-16.3595094844282 V2=6.19578963518973 V3=0 T=0 M2=0 M3=-25.4629596905482 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-16.3595094844282 V2=8.53953963518973 V3=0 T=0 M2=0 M3=-28.2258339287444 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR057 CaseType=Combination P=-12.4413061494334 V2=12.7024607741406 V3=0 T=0 M2=0 M3=-49.1922243393743 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-12.4413061494334 V2=15.0462107741406 V3=0 T=0 M2=0 M3=-54.395100254677 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR058 CaseType=Combination P=-20.6311943782703 V2=19.7301948561571 V3=0 T=0 M2=0 M3=-45.7495877826312 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-20.6311943782703 V2=22.0739448561571 V3=0 T=0 M2=0 M3=-53.5878639786901 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR059 CaseType=Combination P=-28.8210826086207 V2=12.7070367325 V3=0 T=0 M2=0 M3=-47.576035802892 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-28.8210826086207 V2=15.0507867325 V3=0 T=0 M2=0 M3=-52.7806277025795 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR060 CaseType=Combination P=-24.5493977132651 V2=13.2235237172063 V3=0 T=0 M2=0 M3=-22.0203231338051 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-24.5493977132651 V2=15.5672737172063 V3=0 T=0 M2=0 M3=-27.4185976527575 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR061 CaseType=Combination P=-32.7392859436155 V2=6.20036559354912 V3=0 T=0 M2=0 M3=-23.8467711540659 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-32.7392859436155 V2=8.54411559354912 V3=0 T=0 M2=0 M3=-26.6113613766468 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR062 CaseType=Combination P=-18.6637759196757 V2=6.74058421573241 V3=0 T=0 M2=0 M3=-23.7458623781907 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-18.6637759196757 V2=9.08433421573241 V3=0 T=0 M2=0 M3=-26.7130345840904 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR063 CaseType=Combination P=-14.7455725846809 V2=13.2472553546833 V3=0 T=0 M2=0 M3=-47.4751270270168 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-14.7455725846809 V2=15.5910053546833 V3=0 T=0 M2=0 M3=-52.882300910023 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR064 CaseType=Combination P=-22.9354608135178 V2=20.2749894366998 V3=0 T=0 M2=0 M3=-44.0324904702737 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-22.9354608135178 V2=22.6187394366998 V3=0 T=0 M2=0 M3=-52.0750646340361 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR065 CaseType=Combination P=-31.1253490438682 V2=13.2518313130427 V3=0 T=0 M2=0 M3=-45.8589384905344 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-31.1253490438682 V2=15.5955813130427 V3=0 T=0 M2=0 M3=-51.2678283579254 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR066 CaseType=Combination P=-26.8536641485126 V2=13.7683182977489 V3=0 T=0 M2=0 M3=-20.3032258214476 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-26.8536641485126 V2=16.1120682977489 V3=0 T=0 M2=0 M3=-25.9057983081034 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR067 CaseType=Combination P=-35.043552378863 V2=6.74516017409181 V3=0 T=0 M2=0 M3=-22.1296738417084 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-35.043552378863 V2=9.08891017409181 V3=0 T=0 M2=0 M3=-25.0985620319928 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR068 CaseType=Combination P=-15.5917756300814 V2=7.63180491137216 V3=0 T=0 M2=0 M3=-26.8071471382545 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-15.5917756300814 V2=9.97555491137216 V3=0 T=0 M2=0 M3=-30.108527105019 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR069 CaseType=Combination P=-9.90840155512882 V2=15.9467831323326 V3=0 T=0 M2=0 M3=-58.6679778564302 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-9.90840155512882 V2=18.2905331323326 V3=0 T=0 M2=0 M3=-65.0874746560549 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR070 CaseType=Combination P=-19.6714002841999 V2=24.5011322261923 V3=0 T=0 M2=0 M3=-54.4885107074926 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-19.6714002841999 V2=26.8448822261923 V3=0 T=0 M2=0 M3=-64.1158884173147 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR071 CaseType=Combination P=-29.4343990150755 V2=15.9522907368638 V3=0 T=0 M2=0 M3=-56.7227400270993 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-29.4343990150755 V2=18.2960407368638 V3=0 T=0 M2=0 M3=-63.1443021784233 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR072 CaseType=Combination P=-24.8956713975263 V2=15.8255707075911 V3=0 T=0 M2=0 M3=-22.8494911757245 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-24.8956713975263 V2=18.1693207075911 V3=0 T=0 M2=0 M3=-29.2235333160712 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR073 CaseType=Combination P=-34.6586701284019 V2=7.27672921826266 V3=0 T=0 M2=0 M3=-25.0837204953312 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-34.6586701284019 V2=9.62047921826266 V3=0 T=0 M2=0 M3=-28.2519470771797 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR074 CaseType=Combination P=-19.4043575618317 V2=27.6801627722805 V3=0 T=0 M2=0 M3=-44.7376354402325 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-19.4043575618317 V2=30.0239127722805 V3=0 T=0 M2=0 M3=-55.5571496048377 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR075 CaseType=Combination P=-11.6735722950866 V2=14.138476050323 V3=0 T=0 M2=0 M3=-50.5364117870805 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-11.6735722950866 V2=16.482226050323 V3=0 T=0 M2=0 M3=-56.2777934309517 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR076 CaseType=Combination P=-19.8634605239235 V2=21.1662101323396 V3=0 T=0 M2=0 M3=-47.0937752303374 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-19.8634605239235 V2=23.5099601323396 V3=0 T=0 M2=0 M3=-55.4705571549648 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR077 CaseType=Combination P=-28.0533487542738 V2=14.1430520086824 V3=0 T=0 M2=0 M3=-48.9202232505982 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-28.0533487542738 V2=16.4868020086824 V3=0 T=0 M2=0 M3=-54.6633208788541 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR078 CaseType=Combination P=-23.7816638589183 V2=14.6595389933887 V3=0 T=0 M2=0 M3=-23.3645105815114 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-23.7816638589183 V2=17.0032889933887 V3=0 T=0 M2=0 M3=-29.3012908290321 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR079 CaseType=Combination P=-31.9715520892686 V2=7.63638086973156 V3=0 T=0 M2=0 M3=-25.1909586017721 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-31.9715520892686 V2=9.98013086973156 V3=0 T=0 M2=0 M3=-28.4940545529215 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR080 CaseType=Combination P=-14.0292882095705 V2=7.62801416274393 V3=0 T=0 M2=0 M3=-28.1460064542565 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-14.0292882095705 V2=9.97176416274393 V3=0 T=0 M2=0 M3=-31.4459648902855 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.1110848745757 V2=14.1346853016948 V3=0 T=0 M2=0 M3=-51.8752711030826 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.1110848745757 V2=16.4784353016948 V3=0 T=0 M2=0 M3=-57.6152312162181 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.3009731034126 V2=21.1624193837113 V3=0 T=0 M2=0 M3=-48.4326345463395 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.3009731034126 V2=23.5061693837113 V3=0 T=0 M2=0 M3=-56.8079949402312 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.490861333763 V2=14.1392612600542 V3=0 T=0 M2=0 M3=-50.2590825666002 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.490861333763 V2=16.4830112600542 V3=0 T=0 M2=0 M3=-56.0007586641206 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR084 CaseType=Combination P=-22.2191764384074 V2=14.6557482447605 V3=0 T=0 M2=0 M3=-24.7033698975134 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-22.2191764384074 V2=16.9994982447605 V3=0 T=0 M2=0 M3=-30.6387286142986 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR085 CaseType=Combination P=-30.4090646687577 V2=7.63259012110332 V3=0 T=0 M2=0 M3=-26.5298179177742 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-30.4090646687577 V2=9.97634012110332 V3=0 T=0 M2=0 M3=-29.8314923381879 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR086 CaseType=Combination P=-17.1542630505922 V2=7.63559566000039 V3=0 T=0 M2=0 M3=-25.4682878222524 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-17.1542630505922 V2=9.97934566000039 V3=0 T=0 M2=0 M3=-28.7710893197526 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR087 CaseType=Combination P=-13.2360597155975 V2=14.1422667989513 V3=0 T=0 M2=0 M3=-49.1975524710785 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-13.2360597155975 V2=16.4860167989513 V3=0 T=0 M2=0 M3=-54.9403556456852 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR088 CaseType=Combination P=-21.4259479444344 V2=21.170008809678 V3=0 T=0 M2=0 M3=-45.7549159143354 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-21.4259479444344 V2=23.5137508809678 V3=0 T=0 M2=0 M3=-54.1331193696983 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR089 CaseType=Combination P=-29.6158361747847 V2=14.1468427573107 V3=0 T=0 M2=0 M3=-47.5813639345962 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-29.6158361747847 V2=16.4905927573107 V3=0 T=0 M2=0 M3=-53.3258830935877 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR090 CaseType=Combination P=-25.3441512794292 V2=14.6633297420169 V3=0 T=0 M2=0 M3=-22.0256512655093 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-25.3441512794292 V2=17.0070797420169 V3=0 T=0 M2=0 M3=-27.9638530437657 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR091 CaseType=Combination P=-33.5340395097795 V2=7.64017161835979 V3=0 T=0 M2=0 M3=-23.8520992857701 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-33.5340395097795 V2=9.98392161835979 V3=0 T=0 M2=0 M3=-27.156616767655 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR092 CaseType=Combination P=-17.2073876228896 V2=7.63572454545379 V3=0 T=0 M2=0 M3=-25.4227666055084 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-17.2073876228896 V2=9.97947454545379 V3=0 T=0 M2=0 M3=-28.7256164350535 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR093 CaseType=Combination P=-13.2891842878948 V2=14.1423956844047 V3=0 T=0 M2=0 M3=-49.1520312543344 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-13.2891842878948 V2=16.4861456844047 V3=0 T=0 M2=0 M3=-54.8948827609862 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR094 CaseType=Combination P=-21.4790725167318 V2=21.1701297664212 V3=0 T=0 M2=0 M3=-45.7093946975913 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-21.4790725167318 V2=23.5138797664212 V3=0 T=0 M2=0 M3=-54.0876464849993 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR095 CaseType=Combination P=-29.6689607470821 V2=14.1469716427641 V3=0 T=0 M2=0 M3=-47.5358427178521 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-29.6689607470821 V2=16.4907216427641 V3=0 T=0 M2=0 M3=-53.2804102088886 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR096 CaseType=Combination P=-25.3972758517266 V2=14.6634586274703 V3=0 T=0 M2=0 M3=-21.9801300487653 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-25.3972758517266 V2=17.0072086274703 V3=0 T=0 M2=0 M3=-27.9183801590666 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR097 CaseType=Combination P=-33.5871640820769 V2=7.64030050381318 V3=0 T=0 M2=0 M3=-23.806578069026 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-33.5871640820769 V2=9.98405050381318 V3=0 T=0 M2=0 M3=-27.111143882956 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR098 CaseType=Combination P=-13.2962608219505 V2=5.82888842316863 V3=0 T=0 M2=0 M3=-27.9162030702925 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-13.2962608219505 V2=8.17263842316863 V3=0 T=0 M2=0 M3=-30.5414893539808 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR099 CaseType=Combination P=-8.53109267025033 V2=14.8650332394105 V3=0 T=0 M2=0 M3=-59.333411415653 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-8.53109267025033 V2=17.2087832394105 V3=0 T=0 M2=0 M3=-65.347252005432 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR100 CaseType=Combination P=-18.2940913993214 V2=23.4193823332701 V3=0 T=0 M2=0 M3=-55.1539442667154 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-18.2940913993214 V2=25.7631323332701 V3=0 T=0 M2=0 M3=-64.3756657666917 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR101 CaseType=Combination P=-28.057090130197 V2=14.8705408439417 V3=0 T=0 M2=0 M3=-57.3881735863222 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-28.057090130197 V2=17.2142908439417 V3=0 T=0 M2=0 M3=-63.4040795278003 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR102 CaseType=Combination P=-23.5183625126478 V2=14.743820814669 V3=0 T=0 M2=0 M3=-23.5149247349473 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-23.5183625126478 V2=17.087570814669 V3=0 T=0 M2=0 M3=-29.4833106654482 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR103 CaseType=Combination P=-33.2813612435234 V2=6.19497932534054 V3=0 T=0 M2=0 M3=-25.7491540545541 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-33.2813612435234 V2=8.53872932534054 V3=0 T=0 M2=0 M3=-28.5117244265658 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR104 CaseType=Combination P=-18.0270486769532 V2=26.5984128793584 V3=0 T=0 M2=0 M3=-45.4030689994553 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-18.0270486769532 V2=28.9421628793584 V3=0 T=0 M2=0 M3=-55.8169269542147 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR105 CaseType=Combination P=-9.37805748695576 V2=12.3355595621195 V3=0 T=0 M2=0 M3=-51.6454677191186 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-9.37805748695576 V2=14.6793095621195 V3=0 T=0 M2=0 M3=-56.7107556799134 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR106 CaseType=Combination P=-17.5679457157927 V2=19.363293644136 V3=0 T=0 M2=0 M3=-48.2028311623755 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-17.5679457157927 V2=21.707043644136 V3=0 T=0 M2=0 M3=-55.9035194039265 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR107 CaseType=Combination P=-25.757833946143 V2=12.3401355204789 V3=0 T=0 M2=0 M3=-50.0292791826363 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-25.757833946143 V2=14.6838855204789 V3=0 T=0 M2=0 M3=-55.0962831278159 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR108 CaseType=Combination P=-21.4861490507875 V2=12.8566225051852 V3=0 T=0 M2=0 M3=-24.4735665135494 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-21.4861490507875 V2=15.2003725051852 V3=0 T=0 M2=0 M3=-29.7342530779939 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR109 CaseType=Combination P=-29.6760372811378 V2=5.83346438152803 V3=0 T=0 M2=0 M3=-26.3000145338102 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-29.6760372811378 V2=8.17721438152803 V3=0 T=0 M2=0 M3=-28.9270168018832 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR110 CaseType=Combination P=-11.7337734014397 V2=5.8250976745404 V3=0 T=0 M2=0 M3=-29.2550623862946 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-11.7337734014397 V2=8.1688476745404 V3=0 T=0 M2=0 M3=-31.8789271392472 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR111 CaseType=Combination P=-7.81557006644487 V2=12.3317688134913 V3=0 T=0 M2=0 M3=-52.9843270351206 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-7.81557006644487 V2=14.6755188134913 V3=0 T=0 M2=0 M3=-58.0481934651799 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR112 CaseType=Combination P=-16.0054582952818 V2=19.3595028955078 V3=0 T=0 M2=0 M3=-49.5416904783775 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-16.0054582952818 V2=21.7032528955078 V3=0 T=0 M2=0 M3=-57.240957189193 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR113 CaseType=Combination P=-24.1953465256321 V2=12.3363447718507 V3=0 T=0 M2=0 M3=-51.368138496383 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-24.1953465256321 V2=14.6800947718507 V3=0 T=0 M2=0 M3=-56.4337209130823 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR114 CaseType=Combination P=-19.9236616302766 V2=12.8528317565569 V3=0 T=0 M2=0 M3=-25.8124258295515 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-19.9236616302766 V2=15.1965817565569 V3=0 T=0 M2=0 M3=-31.0716908632603 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR115 CaseType=Combination P=-28.1135498606269 V2=5.82967363289979 V3=0 T=0 M2=0 M3=-27.6388738498122 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-28.1135498606269 V2=8.17342363289979 V3=0 T=0 M2=0 M3=-30.2644545871497 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR116 CaseType=Combination P=-14.8587482424614 V2=5.83267917179687 V3=0 T=0 M2=0 M3=-26.5773437542905 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-14.8587482424614 V2=8.17642917179687 V3=0 T=0 M2=0 M3=-29.2040515687144 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR117 CaseType=Combination P=-10.9405449074667 V2=12.3393503107477 V3=0 T=0 M2=0 M3=-50.3066084031166 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-10.9405449074667 V2=14.6831003107477 V3=0 T=0 M2=0 M3=-55.373317894647 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR118 CaseType=Combination P=-19.1304331363036 V2=19.3670843927643 V3=0 T=0 M2=0 M3=-46.8639718463735 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-19.1304331363036 V2=21.7108343927643 V3=0 T=0 M2=0 M3=-54.5660816186601 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR119 CaseType=Combination P=-27.3203213666539 V2=12.3439262691071 V3=0 T=0 M2=0 M3=-48.6904198666343 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-27.3203213666539 V2=14.6876762691071 V3=0 T=0 M2=0 M3=-53.7588453425494 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR120 CaseType=Combination P=-23.0486364712984 V2=12.8604132538134 V3=0 T=0 M2=0 M3=-23.1347071975474 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-23.0486364712984 V2=15.2041632538134 V3=0 T=0 M2=0 M3=-28.3968152927274 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR121 CaseType=Combination P=-31.2385247016487 V2=5.83725513015626 V3=0 T=0 M2=0 M3=-24.9611552178082 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-31.2385247016487 V2=8.18100513015626 V3=0 T=0 M2=0 M3=-27.5895790166168 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR122 CaseType=Combination P=-14.9118728147588 V2=5.83280805725026 V3=0 T=0 M2=0 M3=-26.5318225375464 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-14.9118728147588 V2=8.17655805725026 V3=0 T=0 M2=0 M3=-29.1585786840153 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR123 CaseType=Combination P=-10.993669479764 V2=12.3394791962011 V3=0 T=0 M2=0 M3=-50.2610871863725 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-10.993669479764 V2=14.6832291962011 V3=0 T=0 M2=0 M3=-55.3278450099479 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR124 CaseType=Combination P=-19.183557708601 V2=19.3672132782177 V3=0 T=0 M2=0 M3=-46.8184506296294 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-19.183557708601 V2=21.7109632782177 V3=0 T=0 M2=0 M3=-54.520608733961 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR125 CaseType=Combination P=-27.3734459389513 V2=12.3440551545605 V3=0 T=0 M2=0 M3=-48.6448986498902 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-27.3734459389513 V2=14.6878051545605 V3=0 T=0 M2=0 M3=-53.7133724578504 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR126 CaseType=Combination P=-23.1017610435957 V2=12.8605421392668 V3=0 T=0 M2=0 M3=-23.0891859808033 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-23.1017610435957 V2=15.2042921392668 V3=0 T=0 M2=0 M3=-28.3513424080284 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR127 CaseType=Combination P=-31.2916492739461 V2=5.83738401560965 V3=0 T=0 M2=0 M3=-24.9156340010641 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-31.2916492739461 V2=8.18113401560965 V3=0 T=0 M2=0 M3=-27.5441061319177 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR128 CaseType=Combination P=-17.1367048806964 V2=6.73687939073977 V3=0 T=0 M2=0 M3=-25.0543742163633 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-17.1367048806964 V2=9.08062939073977 V3=0 T=0 M2=0 M3=-28.0201571128908 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.8353591054978 V2=15.4098278199532 V3=0 T=0 M2=0 M3=-57.6163141032955 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.8353591054978 V2=17.7535778199532 V3=0 T=0 M2=0 M3=-63.8344526607779 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR130 CaseType=Combination P=-20.5983578345689 V2=23.9641769138128 V3=0 T=0 M2=0 M3=-53.4368469543579 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-20.5983578345689 V2=26.3079269138128 V3=0 T=0 M2=0 M3=-62.8628664220377 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR131 CaseType=Combination P=-30.3613565654445 V2=15.4153354244844 V3=0 T=0 M2=0 M3=-55.6710762739647 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-30.3613565654445 V2=17.7590854244844 V3=0 T=0 M2=0 M3=-61.8912801831463 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR132 CaseType=Combination P=-25.8226289478953 V2=15.2886153952117 V3=0 T=0 M2=0 M3=-21.7978274225898 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-25.8226289478953 V2=17.6323653952117 V3=0 T=0 M2=0 M3=-27.9705113207942 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR133 CaseType=Combination P=-35.5856276787709 V2=6.73977390588323 V3=0 T=0 M2=0 M3=-24.0320567421966 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-35.5856276787709 V2=9.08352390588323 V3=0 T=0 M2=0 M3=-26.9989250819028 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR134 CaseType=Combination P=-20.3313151122007 V2=27.1432074599011 V3=0 T=0 M2=0 M3=-43.6859716870978 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-20.3313151122007 V2=29.4869574599011 V3=0 T=0 M2=0 M3=-54.3041276095607 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR135 CaseType=Combination P=-13.2185015457016 V2=13.2435505296907 V3=0 T=0 M2=0 M3=-48.7836388651894 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-13.2185015457016 V2=15.5873005296907 V3=0 T=0 M2=0 M3=-54.1894234388234 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR136 CaseType=Combination P=-21.4083897745385 V2=20.2712846117072 V3=0 T=0 M2=0 M3=-45.3410023084463 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-21.4083897745385 V2=22.6150346117072 V3=0 T=0 M2=0 M3=-53.3821871628365 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR137 CaseType=Combination P=-29.5982780048889 V2=13.24812648805 V3=0 T=0 M2=0 M3=-47.1674503287071 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-29.5982780048889 V2=15.59187648805 V3=0 T=0 M2=0 M3=-52.5749508867258 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR138 CaseType=Combination P=-25.3265931095333 V2=13.7646134727563 V3=0 T=0 M2=0 M3=-21.6117376596202 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-25.3265931095333 V2=16.1083634727563 V3=0 T=0 M2=0 M3=-27.2129208369038 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR139 CaseType=Combination P=-33.5164813398836 V2=6.74145534909917 V3=0 T=0 M2=0 M3=-23.438185679881 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-33.5164813398836 V2=9.08520534909917 V3=0 T=0 M2=0 M3=-26.4056845607932 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR140 CaseType=Combination P=-15.5742174601855 V2=6.73308864211154 V3=0 T=0 M2=0 M3=-26.393233323654 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-15.5742174601855 V2=9.07683864211154 V3=0 T=0 M2=0 M3=-29.3575948981572 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR141 CaseType=Combination P=-11.6560141251907 V2=13.2397597810624 V3=0 T=0 M2=0 M3=-50.1224981811914 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-11.6560141251907 V2=15.5835097810624 V3=0 T=0 M2=0 M3=-55.5268612240898 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR142 CaseType=Combination P=-19.8459023540276 V2=20.267493863079 V3=0 T=0 M2=0 M3=-46.6798616244483 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-19.8459023540276 V2=22.611243863079 V3=0 T=0 M2=0 M3=-54.7196249481029 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=RAR143 CaseType=Combination P=-28.035790584378 V2=13.2443357394218 V3=0 T=0 M2=0 M3=-48.5063096447091 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-28.035790584378 V2=15.5880857394218 V3=0 T=0 M2=0 M3=-53.9123886719923 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR144 CaseType=Combination P=-23.7641056890224 V2=13.7608227241281 V3=0 T=0 M2=0 M3=-22.9505969756222 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-23.7641056890224 V2=16.1045727241281 V3=0 T=0 M2=0 M3=-28.5503586221703 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR145 CaseType=Combination P=-31.9539939193728 V2=6.73766460047094 V3=0 T=0 M2=0 M3=-24.777044995883 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-31.9539939193728 V2=9.08141460047094 V3=0 T=0 M2=0 M3=-27.7431223460596 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR146 CaseType=Combination P=-18.6991923012073 V2=6.74067013936801 V3=0 T=0 M2=0 M3=-23.7155149003613 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-18.6991923012073 V2=9.08442013936801 V3=0 T=0 M2=0 M3=-26.6827193276243 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR147 CaseType=Combination P=-14.7809889662125 V2=13.2473412783189 V3=0 T=0 M2=0 M3=-47.4447795491874 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-14.7809889662125 V2=15.5910912783189 V3=0 T=0 M2=0 M3=-52.851985653557 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR148 CaseType=Combination P=-22.9708771950494 V2=20.2750753603354 V3=0 T=0 M2=0 M3=-44.0021429924443 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-22.9708771950494 V2=22.6188253603354 V3=0 T=0 M2=0 M3=-52.0447493775701 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR149 CaseType=Combination P=-31.1607654253998 V2=13.2519172366783 V3=0 T=0 M2=0 M3=-45.8285910127051 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-31.1607654253998 V2=15.5956672366783 V3=0 T=0 M2=0 M3=-51.2375131014594 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR150 CaseType=Combination P=-26.8890805300442 V2=13.7684042213845 V3=0 T=0 M2=0 M3=-20.2728783436182 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-26.8890805300442 V2=16.1121542213845 V3=0 T=0 M2=0 M3=-25.8754830516374 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR151 CaseType=Combination P=-35.0789687603945 V2=6.7452460977274 V3=0 T=0 M2=0 M3=-22.099326363879 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-35.0789687603945 V2=9.0889960977274 V3=0 T=0 M2=0 M3=-25.0682467755268 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR152 CaseType=Combination P=-17.8253593231356 V2=7.27775433720083 V3=0 T=0 M2=0 M3=-24.7216574367519 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-17.8253593231356 V2=9.62150433720083 V3=0 T=0 M2=0 M3=-27.8902684382022 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR153 CaseType=Combination P=-13.9071559881408 V2=13.7844254761517 V3=0 T=0 M2=0 M3=-48.450922085578 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-13.9071559881408 V2=16.1281754761517 V3=0 T=0 M2=0 M3=-54.0595347641349 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR154 CaseType=Combination P=-22.0970442169778 V2=20.8121595581682 V3=0 T=0 M2=0 M3=-45.0082855288349 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-22.0970442169778 V2=23.1559095581682 V3=0 T=0 M2=0 M3=-53.252298488148 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR155 CaseType=Combination P=-30.2869324473281 V2=13.7890014345111 V3=0 T=0 M2=0 M3=-46.8347335490957 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-30.2869324473281 V2=16.1327514345111 V3=0 T=0 M2=0 M3=-52.4450622120373 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR156 CaseType=Combination P=-26.0152475519726 V2=14.3054884192174 V3=0 T=0 M2=0 M3=-21.2790208800088 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-26.0152475519726 V2=16.6492384192174 V3=0 T=0 M2=0 M3=-27.0830321622153 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR157 CaseType=Combination P=-34.2051357823229 V2=7.28233029556023 V3=0 T=0 M2=0 M3=-23.1054689002696 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-34.2051357823229 V2=9.62608029556023 V3=0 T=0 M2=0 M3=-26.275958861047 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR158 CaseType=Combination P=-16.4480504382571 V2=6.19600444427871 V3=0 T=0 M2=0 M3=-25.3870909959748 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-16.4480504382571 V2=8.53975444427871 V3=0 T=0 M2=0 M3=-28.1500457875793 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR159 CaseType=Combination P=-12.5298471032624 V2=12.7026755832296 V3=0 T=0 M2=0 M3=-49.116356448008 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-12.5298471032624 V2=15.0464255832296 V3=0 T=0 M2=0 M3=-54.3193121135119 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR160 CaseType=Combination P=-20.7197353320993 V2=19.7304096652461 V3=0 T=0 M2=0 M3=-45.6737190880577 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-20.7197353320993 V2=22.0741596652461 V3=0 T=0 M2=0 M3=-53.512075837525 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR161 CaseType=Combination P=-28.9096235624496 V2=12.707251541589 V3=0 T=0 M2=0 M3=-47.5001671083185 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-28.9096235624496 V2=15.051001541589 V3=0 T=0 M2=0 M3=-52.7048395614144 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=RAR162 CaseType=Combination P=-24.6379386670941 V2=13.2237385262953 V3=0 T=0 M2=0 M3=-21.9444544392316 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-24.6379386670941 V2=15.5674885262953 V3=0 T=0 M2=0 M3=-27.3428095115924 FrameElem=45-1 ElemStation=0.375

PROVA SDR

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3782004RCECOAIDA11000000100

REV.  
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Frame=45 Station=0 OutputCase=RAR163 CaseType=Combination P=-32.8278268974444 V2=6.20058040263811 V3=0 T=0 M2=0 M3=-23.7709024594924 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-32.8278268974444 V2=8.54433040263811 V3=0 T=0 M2=0 M3=-26.5355732354817 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474773044 V2=27.6801627722805 V3=0 T=0 M2=0 M3=-20.2728783436182 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474773044 V2=30.0239127722805 V3=0 T=0 M2=0 M3=-25.0682467755268 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276787709 V2=5.8250976745404 V3=0 T=0 M2=0 M3=-60.3395539520436 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276787709 V2=8.1688476745404 V3=0 T=0 M2=0 M3=-66.5548011160099 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE01 CaseType=Combination P=-21.385131682925 V2=6.73212768711437 V3=0 T=0 M2=0 M3=-26.7326344463367 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-21.385131682925 V2=9.07587768711437 V3=0 T=0 M2=0 M3=-29.6966354540046 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.5258148910212 V2=13.2370178062213 V3=0 T=0 M2=0 M3=-51.0909397530996 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.5258148910212 V2=15.5807678062213 V3=0 T=0 M2=0 M3=-56.4942745554326 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.7157031198581 V2=20.2647518882378 V3=0 T=0 M2=0 M3=-47.6483031963565 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.7157031198581 V2=22.6085018882378 V3=0 T=0 M2=0 M3=-55.6870382794457 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.9055913502084 V2=13.2415937645807 V3=0 T=0 M2=0 M3=-49.4747512166173 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.9055913502084 V2=15.5853437645807 V3=0 T=0 M2=0 M3=-54.879802003335 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE05 CaseType=Combination P=-22.639064548529 V2=13.7580807492869 V3=0 T=0 M2=0 M3=-23.9190385475304 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-22.639064548529 V2=16.1018307492869 V3=0 T=0 M2=0 M3=-29.517771953513 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE06 CaseType=Combination P=-30.8237946852032 V2=6.73492262562979 V3=0 T=0 M2=0 M3=-25.7454865677912 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-30.8237946852032 V2=9.07867262562979 V3=0 T=0 M2=0 M3=-28.7105356774023 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE07 CaseType=Combination P=-12.8815308055051 V2=6.72655591864216 V3=0 T=0 M2=0 M3=-28.7005344202755 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-12.8815308055051 V2=9.07030591864216 V3=0 T=0 M2=0 M3=-31.6624460147663 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE08 CaseType=Combination P=-9.22374204059543 V2=13.2338588490311 V3=0 T=0 M2=0 M3=-52.2066558497679 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-9.22374204059543 V2=15.5776088490311 V3=0 T=0 M2=0 M3=-57.6088060431546 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE09 CaseType=Combination P=-17.4136302694324 V2=20.2615929310476 V3=0 T=0 M2=0 M3=-48.7640192930248 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-17.4136302694324 V2=22.6053429310476 V3=0 T=0 M2=0 M3=-56.8015697671677 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE10 CaseType=Combination P=-25.6035184997827 V2=13.2384348073905 V3=0 T=0 M2=0 M3=-50.5904673132856 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-25.6035184997827 V2=15.5821848073905 V3=0 T=0 M2=0 M3=-55.994333491057 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE11 CaseType=Combination P=-21.3318336044271 V2=13.7549217920967 V3=0 T=0 M2=0 M3=-25.0347546441987 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-21.3318336044271 V2=16.0986717920967 V3=0 T=0 M2=0 M3=-30.632303441235 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE12 CaseType=Combination P=-29.5217218347775 V2=6.7317636684396 V3=0 T=0 M2=0 M3=-26.8612026644595 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-29.5217218347775 V2=9.0755136684396 V3=0 T=0 M2=0 M3=-29.8256071651244 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE13 CaseType=Combination P=-13.4554095075378 V2=7.17728504069304 V3=0 T=0 M2=0 M3=-28.423270437266 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-13.4554095075378 V2=9.52103504069304 V3=0 T=0 M2=0 M3=-31.5542054525259 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE14 CaseType=Combination P=-12.3076521034724 V2=6.27582679659128 V3=0 T=0 M2=0 M3=-28.9777984032851 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-12.3076521034724 V2=8.61957679659128 V3=0 T=0 M2=0 M3=-31.7706865770068 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE15 CaseType=Combination P=-14.2278741328453 V2=6.72982228037685 V3=0 T=0 M2=0 M3=-27.5468839763204 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-14.2278741328453 V2=9.07357228037685 V3=0 T=0 M2=0 M3=-30.5100204564618 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE16 CaseType=Combination P=-16.0065056465268 V2=6.73413741589863 V3=0 T=0 M2=0 M3=-26.0228157882715 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-16.0065056465268 V2=9.07788741589863 V3=0 T=0 M2=0 M3=-28.987570442335 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE17 CaseType=Combination P=-11.8278877414469 V2=13.2401767634115 V3=0 T=0 M2=0 M3=-49.975236564312 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-11.8278877414469 V2=15.5839267634115 V3=0 T=0 M2=0 M3=-55.3797430677105 FrameElem=45-1 ElemStation=0.375

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3782004RCECOAIDA11000000100

REV.  
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Frame=45 Station=0 OutputCase=FRE18 CaseType=Combination P=-20.0177759702838 V2=20.267910845428 V3=0 T=0 M2=0 M3=-46.5325870996881 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-20.0177759702838 V2=22.611660845428 V3=0 T=0 M2=0 M3=-54.5725067917236 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE19 CaseType=Combination P=-28.2076642006342 V2=13.2447527217709 V3=0 T=0 M2=0 M3=-48.3590351199489 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-28.2076642006342 V2=15.5885027217709 V3=0 T=0 M2=0 M3=-53.765270515613 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE20 CaseType=Combination P=-23.9359793052786 V2=13.7612397064771 V3=0 T=0 M2=0 M3=-22.803322450862 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-23.9359793052786 V2=16.1049897064771 V3=0 T=0 M2=0 M3=-28.403240465791 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE21 CaseType=Combination P=-32.125867535629 V2=6.73808158281999 V3=0 T=0 M2=0 M3=-24.6297704711228 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-32.125867535629 V2=9.08183158281999 V3=0 T=0 M2=0 M3=-27.5960041896803 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE22 CaseType=Combination P=-16.5803843485595 V2=7.18486653794951 V3=0 T=0 M2=0 M3=-25.745551805262 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-16.5803843485595 V2=9.52861653794951 V3=0 T=0 M2=0 M3=-28.879329881993 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE23 CaseType=Combination P=-15.4326269444941 V2=6.28340829384775 V3=0 T=0 M2=0 M3=-26.300079771281 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-15.4326269444941 V2=8.62715829384775 V3=0 T=0 M2=0 M3=-29.0958110064739 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE24 CaseType=Combination P=-17.3528489738671 V2=6.73740377763332 V3=0 T=0 M2=0 M3=-24.8691653443164 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-17.3528489738671 V2=9.08115377763332 V3=0 T=0 M2=0 M3=-27.8351448859289 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE25 CaseType=Combination P=-15.1326726684552 V2=7.27122161373145 V3=0 T=0 M2=0 M3=-27.0289583246621 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-15.1326726684552 V2=9.61497161373146 V3=0 T=0 M2=0 M3=-30.1951195548114 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE26 CaseType=Combination P=-11.0996935930539 V2=13.6877469282722 V3=0 T=0 M2=0 M3=-50.8136757700901 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-11.0996935930539 V2=16.0314969282722 V3=0 T=0 M2=0 M3=-56.3860339931921 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE27 CaseType=Combination P=-19.2895818218908 V2=20.7154810102887 V3=0 T=0 M2=0 M3=-47.371039213347 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-19.2895818218908 V2=23.0592310102887 V3=0 T=0 M2=0 M3=-55.5787977172052 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE28 CaseType=Combination P=-27.4794700522411 V2=13.6923228866316 V3=0 T=0 M2=0 M3=-49.1974872336077 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-27.4794700522411 V2=16.0360728866316 V3=0 T=0 M2=0 M3=-54.7715614410946 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE29 CaseType=Combination P=-23.2077851568856 V2=14.2088098713378 V3=0 T=0 M2=0 M3=-23.6417745645209 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-23.2077851568856 V2=16.552598713378 V3=0 T=0 M2=0 M3=-29.4095313912726 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE30 CaseType=Combination P=-31.3976733872359 V2=7.18565174768067 V3=0 T=0 M2=0 M3=-25.4682225847817 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-31.3976733872359 V2=9.52940174768067 V3=0 T=0 M2=0 M3=-28.6022951151619 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE31 CaseType=Combination P=-13.8305998180295 V2=7.26806265654126 V3=0 T=0 M2=0 M3=-28.1446744213304 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-13.8305998180295 V2=9.61181265654126 V3=0 T=0 M2=0 M3=-31.3096510425334 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE32 CaseType=Combination P=-16.4347455188809 V2=7.27438057092165 V3=0 T=0 M2=0 M3=-25.9132422279937 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-16.4347455188809 V2=9.61813057092165 V3=0 T=0 M2=0 M3=-29.0805880670894 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE33 CaseType=Combination P=-16.4790159957954 V2=7.27448797546614 V3=0 T=0 M2=0 M3=-25.875307880707 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-16.4790159957954 V2=9.61823797546614 V3=0 T=0 M2=0 M3=-29.0426939965068 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE34 CaseType=Combination P=-13.7553637835767 V2=6.18947172080934 V3=0 T=0 M2=0 M3=-27.6943918838849 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-13.7553637835767 V2=8.53322172080934 V3=0 T=0 M2=0 M3=-30.4548969041884 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE35 CaseType=Combination P=-9.95193618898847 V2=12.7862886841704 V3=0 T=0 M2=0 M3=-51.3682037361091 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-9.95193618898847 V2=15.1300386841704 V3=0 T=0 M2=0 M3=-56.602515117673 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.1418244178254 V2=19.8140227661869 V3=0 T=0 M2=0 M3=-47.925567179366 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.1418244178254 V2=22.1577727661869 V3=0 T=0 M2=0 M3=-55.7952788416861 FrameElem=45-1  
ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.3317126481757 V2=12.7908646425298 V3=0 T=0 M2=0 M3=-49.7520151996268 FrameElem=45-1  
ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.3317126481757 V2=15.1346146425298 V3=0 T=0 M2=0 M3=-54.9880425655754 FrameElem=45-1  
ElemStation=0.375

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Frame=45 Station=0 OutputCase=FRE38 CaseType=Combination P=-22.0600277528202 V2=13.3073516272361 V3=0 T=0 M2=0 M3=-24.1963025305399 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-22.0600277528202 V2=15.6511016272361 V3=0 T=0 M2=0 M3=-29.6260125157534 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE39 CaseType=Combination P=-30.2499159831705 V2=6.28419350357891 V3=0 T=0 M2=0 M3=-26.0227505508007 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-30.2499159831705 V2=8.62794350357891 V3=0 T=0 M2=0 M3=-28.8187762396428 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE40 CaseType=Combination P=-12.453290933151 V2=6.18631276361914 V3=0 T=0 M2=0 M3=-28.8101079805533 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE40 CaseType=Combination P=-12.453290933151 V2=8.53006276361914 V3=0 T=0 M2=0 M3=-31.5694283919105 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE41 CaseType=Combination P=-15.0574366340024 V2=6.19263067799953 V3=0 T=0 M2=0 M3=-26.5786757872166 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-15.0574366340024 V2=8.53638067799953 V3=0 T=0 M2=0 M3=-29.3403654164664 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE42 CaseType=Combination P=-15.1017071109169 V2=6.19273808254403 V3=0 T=0 M2=0 M3=-26.5407414399298 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-15.1017071109169 V2=8.53648808254403 V3=0 T=0 M2=0 M3=-29.3024713458839 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE43 CaseType=Combination P=-16.0596302188242 V2=6.73426630135202 V3=0 T=0 M2=0 M3=-25.9772945715274 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-16.0596302188242 V2=9.07801630135202 V3=0 T=0 M2=0 M3=-28.9420975595344 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE44 CaseType=Combination P=-11.8721582183614 V2=13.240284167956 V3=0 T=0 M2=0 M3=-49.9372893091445 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-11.8721582183614 V2=15.584034167956 V3=0 T=0 M2=0 M3=-55.341848997128 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE45 CaseType=Combination P=-20.0620464471983 V2=20.2680182499725 V3=0 T=0 M2=0 M3=-46.4946527524014 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-20.0620464471983 V2=22.6117682499725 V3=0 T=0 M2=0 M3=-54.5346127211411 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE46 CaseType=Combination P=-28.2519346775487 V2=13.2448601263154 V3=0 T=0 M2=0 M3=-48.3211007726622 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-28.2519346775487 V2=15.5886101263154 V3=0 T=0 M2=0 M3=-53.7273764450304 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE47 CaseType=Combination P=-23.9802497821931 V2=13.7613471110216 V3=0 T=0 M2=0 M3=-22.7653881035753 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-23.9802497821931 V2=16.1050971110216 V3=0 T=0 M2=0 M3=-28.3653463952084 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE48 CaseType=Combination P=-32.1701380125434 V2=6.73818898736448 V3=0 T=0 M2=0 M3=-24.5918361238361 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-32.1701380125434 V2=9.08193898736448 V3=0 T=0 M2=0 M3=-27.5581101190978 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE49 CaseType=Combination P=-17.3617030692499 V2=6.73742525854222 V3=0 T=0 M2=0 M3=-24.8615784748591 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-17.3617030692499 V2=9.08117525854222 V3=0 T=0 M2=0 M3=-27.8275660718124 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE50 CaseType=Combination P=-16.6335089208569 V2=7.1849954234029 V3=0 T=0 M2=0 M3=-25.7000305885179 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-16.6335089208569 V2=9.5287454234029 V3=0 T=0 M2=0 M3=-28.833856997294 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=FRE51 CaseType=Combination P=-15.4857515167915 V2=6.28353717930114 V3=0 T=0 M2=0 M3=-26.2545585545369 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-15.4857515167915 V2=8.62728717930114 V3=0 T=0 M2=0 M3=-29.0503381217749 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204059543 V2=20.7154810102887 V3=0 T=0 M2=0 M3=-22.7653881035753 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204059543 V2=23.0592310102887 V3=0 T=0 M2=0 M3=-27.5581101190978 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380125434 V2=6.18631276361914 V3=0 T=0 M2=0 M3=-52.2066558497679 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380125434 V2=8.53006276361914 V3=0 T=0 M2=0 M3=-57.6088060431546 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE01 CaseType=Combination P=-17.9145749547906 V2=4.28423864062711 V3=0 T=0 M2=0 M3=-27.9647792264964 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE01 CaseType=Combination P=-17.9145749547906 V2=6.62798864062711 V3=0 T=0 M2=0 M3=-30.0108218417316 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE02 CaseType=Combination P=-16.6125021043649 V2=4.28107968343691 V3=0 T=0 M2=0 M3=-29.0804953231647 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE02 CaseType=Combination P=-16.6125021043649 V2=6.62482968343691 V3=0 T=0 M2=0 M3=-31.1253533294536 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE03 CaseType=Combination P=-19.2166478052164 V2=4.2873975978173 V3=0 T=0 M2=0 M3=-26.849063129828 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE03 CaseType=Combination P=-19.2166478052164 V2=6.6311475978173 V3=0 T=0 M2=0 M3=-28.8962903540095 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE04 CaseType=Combination P=-18.4884536568233 V2=4.73496776267799 V3=0 T=0 M2=0 M3=-27.6875152434869 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-18.4884536568233 V2=7.07871776267799 V3=0 T=0 M2=0 M3=-29.9025812794911 FrameElem=45-1 ElemStation=0.375

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Frame=45 Station=0 OutputCase=QPE05 CaseType=Combination P=-17.3406962527579 V2=3.83350951857623 V3=0 T=0 M2=0 M3=-28.2420432095059 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-17.3406962527579 V2=6.17725951857623 V3=0 T=0 M2=0 M3=-30.119062403972 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE06 CaseType=Combination P=-19.2609182821308 V2=4.2875050023618 V3=0 T=0 M2=0 M3=-26.8111287825413 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-19.2609182821308 V2=6.6312550023618 V3=0 T=0 M2=0 M3=-28.858396283427 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE07 CaseType=Combination P=-17.1863808063976 V2=4.7318088054878 V3=0 T=0 M2=0 M3=-28.8032313401552 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-17.1863808063976 V2=7.0755588054878 V3=0 T=0 M2=0 M3=-31.017112762132 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE08 CaseType=Combination P=-16.0386234023322 V2=3.83035056138603 V3=0 T=0 M2=0 M3=-29.3577593061743 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-16.0386234023322 V2=6.17410056138603 V3=0 T=0 M2=0 M3=-31.233593891694 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE09 CaseType=Combination P=-17.9588454317051 V2=4.2843460451716 V3=0 T=0 M2=0 M3=-27.9268448792097 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-17.9588454317051 V2=6.6280960451716 V3=0 T=0 M2=0 M3=-29.972927771149 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE10 CaseType=Combination P=-17.9145749541503 V2=9.17823571375766 V3=0 T=0 M2=0 M3=-26.1295303241138 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-17.9145749541503 V2=11.5219857137577 V3=0 T=0 M2=0 M3=-30.010821841773 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE11 CaseType=Combination P=-16.6125021037246 V2=9.17507675656746 V3=0 T=0 M2=0 M3=-27.2452464207822 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-16.6125021037246 V2=11.5188267565675 V3=0 T=0 M2=0 M3=-31.125353329495 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE12 CaseType=Combination P=-19.2166478045761 V2=9.18139467094785 V3=0 T=0 M2=0 M3=-25.0138142274455 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-19.2166478045761 V2=11.5251446709479 V3=0 T=0 M2=0 M3=-28.8962903540509 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE13 CaseType=Combination P=-18.4884536561831 V2=9.62896483580854 V3=0 T=0 M2=0 M3=-25.8522663411043 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-18.4884536561831 V2=11.9727148358085 V3=0 T=0 M2=0 M3=-29.9025812795325 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE14 CaseType=Combination P=-17.3406962521176 V2=8.72750659170678 V3=0 T=0 M2=0 M3=-26.4067943071234 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-17.3406962521176 V2=11.0712565917068 V3=0 T=0 M2=0 M3=-30.1190624040134 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE15 CaseType=Combination P=-19.2609182814906 V2=9.18150207549235 V3=0 T=0 M2=0 M3=-24.9758798801588 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-19.2609182814906 V2=11.5252520754923 V3=0 T=0 M2=0 M3=-28.8583962834684 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE16 CaseType=Combination P=-17.1863808057573 V2=9.62580587861835 V3=0 T=0 M2=0 M3=-26.9679824377727 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-17.1863808057573 V2=11.9695558786183 V3=0 T=0 M2=0 M3=-31.0171127672545 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE17 CaseType=Combination P=-16.0386234016919 V2=8.72434763451658 V3=0 T=0 M2=0 M3=-27.5225104037917 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-16.0386234016919 V2=11.0680976345166 V3=0 T=0 M2=0 M3=-31.2335938917354 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=QPE18 CaseType=Combination P=-17.9588454310648 V2=9.17834311830215 V3=0 T=0 M2=0 M3=-26.0915959768271 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-17.9588454310648 V2=11.5220931183022 V3=0 T=0 M2=0 M3=-29.9729277711904 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234016919 V2=9.62896483580854 V3=0 T=0 M2=0 M3=-24.9758798801588 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234016919 V2=11.9727148358085 V3=0 T=0 M2=0 M3=-28.858396283427 FrameElem=45-1 ElemStation=0.375  
Frame=45 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182821308 V2=3.83035056138603 V3=0 T=0 M2=0 M3=-29.3577593061743 FrameElem=45-1 ElemStation=0  
Frame=45 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182821308 V2=6.17410056138603 V3=0 T=0 M2=0 M3=-31.2335938917354 FrameElem=45-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR001 CaseType=Combination P=-28.8699277722631 V2=-12.252434876861 V3=0 T=0 M2=0 M3=-40.0904578629066 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR001 CaseType=Combination P=-28.8699277722631 V2=-9.08837237686096 V3=0 T=0 M2=0 M3=-36.0890565028337 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR002 CaseType=Combination P=-15.421421200672 V2=-12.2489840755063 V3=0 T=0 M2=0 M3=-41.3079567184706 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR002 CaseType=Combination P=-15.421421200672 V2=-9.08492157550631 V3=0 T=0 M2=0 M3=-37.3078494089058 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR003 CaseType=Combination P=-8.36865519768138 V2=-23.9609921249205 V3=0 T=0 M2=0 M3=-88.4126361051439 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR003 CaseType=Combination P=-8.36865519768138 V2=-20.7969296249205 V3=0 T=0 M2=0 M3=-80.0205257770487 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR004 CaseType=Combination P=-23.5877051832398 V2=-10.9826644289179 V3=0 T=0 M2=0 M3=-86.9163968785342 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR004 CaseType=Combination P=-23.5877051832398 V2=-7.81860192891794 V3=0 T=0 M2=0 M3=-83.3911594364399 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR005 CaseType=Combination P=-38.8067551730589 V2=-23.9694738156017 V3=0 T=0 M2=0 M3=-85.4201576516956 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR005 CaseType=Combination P=-38.8067551730589 V2=-20.8054113156017 V3=0 T=0 M2=0 M3=-77.024866689595 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR006 CaseType=Combination P=-29.663068211749 V2=3.90423102928604 V3=0 T=0 M2=0 M3=-28.8287690028903 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR006 CaseType=Combination P=-29.663068211749 V2=6.24798102928604 V3=0 T=0 M2=0 M3=-30.7323087638726 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR007 CaseType=Combination P=-44.8821182015681 V2=-9.08257835739769 V3=0 T=0 M2=0 M3=-27.3325297760517 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR007 CaseType=Combination P=-44.8821182015681 V2=-6.73882835739769 V3=0 T=0 M2=0 M3=-24.3660160170276 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR008 CaseType=Combination P=-23.2271975080426 V2=-0.833711444548799 V3=0 T=0 M2=0 M3=-75.3620994816922 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR008 CaseType=Combination P=-23.2271975080426 V2=2.3303510554512 V3=0 T=0 M2=0 M3=-75.6427194087364 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR009 CaseType=Combination P=-25.7449529312413 V2=-12.2448533796019 V3=0 T=0 M2=0 M3=-42.7653334334395 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR009 CaseType=Combination P=-25.7449529312413 V2=-9.0807908796019 V3=0 T=0 M2=0 M3=-38.7667751348387 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR010 CaseType=Combination P=-12.2964463596502 V2=-12.2414025782473 V3=0 T=0 M2=0 M3=-43.9828322890035 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR010 CaseType=Combination P=-12.2964463596502 V2=-9.07734007824726 V3=0 T=0 M2=0 M3=-39.9855680409108 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR011 CaseType=Combination P=-6.49367029306831 V2=-23.9564432265651 V3=0 T=0 M2=0 M3=-90.0175614474636 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR011 CaseType=Combination P=-6.49367029306831 V2=-20.7923807265651 V3=0 T=0 M2=0 M3=-81.6271569562517 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR012 CaseType=Combination P=-21.7127202786267 V2=-10.9781155305625 V3=0 T=0 M2=0 M3=-88.5213222208539 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR012 CaseType=Combination P=-21.7127202786267 V2=-7.8140530305625 V3=0 T=0 M2=0 M3=-84.997790615643 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR013 CaseType=Combination P=-36.9317702684459 V2=-23.9649249172462 V3=0 T=0 M2=0 M3=-87.0250829940153 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR013 CaseType=Combination P=-36.9317702684459 V2=-20.8008624172462 V3=0 T=0 M2=0 M3=-78.631497868798 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR014 CaseType=Combination P=-27.7880833071359 V2=3.90877992764148 V3=0 T=0 M2=0 M3=-30.4336943452101 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR014 CaseType=Combination P=-27.7880833071359 V2=6.25252992764148 V3=0 T=0 M2=0 M3=-32.3389399430756 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR015 CaseType=Combination P=-43.0071332969551 V2=-9.07802945904225 V3=0 T=0 M2=0 M3=-28.9374551183715 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR015 CaseType=Combination P=-43.0071332969551 V2=-6.73427945904225 V3=0 T=0 M2=0 M3=-25.9726471962306 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR016 CaseType=Combination P=-21.3522126034296 V2=-0.829162546193363 V3=0 T=0 M2=0 M3=-76.967024824012 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR016 CaseType=Combination P=-21.3522126034296 V2=2.33489995380664 V3=0 T=0 M2=0 M3=-77.2493505879394 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR017 CaseType=Combination P=-7.00687185740725 V2=-21.0254086153079 V3=0 T=0 M2=0 M3=-79.3113418290085 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR017 CaseType=Combination P=-7.00687185740725 V2=-17.8613461153079 V3=0 T=0 M2=0 M3=-72.020075317018 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR018 CaseType=Combination P=-20.1022226678067 V2=-10.1067534629476 V3=0 T=0 M2=0 M3=-78.0369750521155 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR018 CaseType=Combination P=-20.1022226678067 V2=-6.9426909629476 V3=0 T=0 M2=0 M3=-74.8402042222602 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR019 CaseType=Combination P=-33.1975734818382 V2=-21.0326325836574 V3=0 T=0 M2=0 M3=-76.7626082750312 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR019 CaseType=Combination P=-33.1975734818382 V2=-17.8685700836574 V3=0 T=0 M2=0 M3=-69.4686327749097 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR020 CaseType=Combination P=-24.4143941955682 V2=1.85213998290283 V3=0 T=0 M2=0 M3=-31.72551702314 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR020 CaseType=Combination P=-24.4143941955682 V2=4.19588998290283 V3=0 T=0 M2=0 M3=-32.8595226417286 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR021 CaseType=Combination P=-37.5097450095997 V2=-9.073739137807 V3=0 T=0 M2=0 M3=-30.4511502460557 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR021 CaseType=Combination P=-37.5097450095997 V2=-6.729989137807 V3=0 T=0 M2=0 M3=-27.487951194378 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR022 CaseType=Combination P=-26.5713382621684 V2=-11.5966869995326 V3=0 T=0 M2=0 M3=-42.6094670238132 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR022 CaseType=Combination P=-26.5713382621684 V2=-8.43262449953263 V3=0 T=0 M2=0 M3=-38.8539711177385 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR023 CaseType=Combination P=-13.1228316905773 V2=-11.593236198178 V3=0 T=0 M2=0 M3=-43.8269658793773 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR023 CaseType=Combination P=-13.1228316905773 V2=-8.42917369817799 V3=0 T=0 M2=0 M3=-40.0727640238105 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR024 CaseType=Combination P=-7.83325718833434 V2=-20.3772422352386 V3=0 T=0 M2=0 M3=-79.1554754193822 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR024 CaseType=Combination P=-7.83325718833434 V2=-17.2131797352386 V3=0 T=0 M2=0 M3=-72.1072712999177 FrameElem=46-1 ElemStation=0.375

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3782004RCECOAIDA1100000100

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Frame=46 Station=0 OutputCase=STR025 CaseType=Combination P=-20.9286079987337 V2=-9.45858708287833 V3=0 T=0 M2=0 M3=-77.8811086424893 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR025 CaseType=Combination P=-20.9286079987337 V2=-6.29452458287833 V3=0 T=0 M2=0 M3=-74.9274002051599 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR026 CaseType=Combination P=-34.0239588127653 V2=-20.3844662035882 V3=0 T=0 M2=0 M3=-76.606741865405 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR026 CaseType=Combination P=-34.0239588127653 V2=-17.2204037035882 V3=0 T=0 M2=0 M3=-69.5558287578094 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR027 CaseType=Combination P=-25.2407795264953 V2=2.5003063629721 V3=0 T=0 M2=0 M3=-31.5696506135138 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR027 CaseType=Combination P=-25.2407795264953 V2=4.8440563629721 V3=0 T=0 M2=0 M3=-32.9467186246283 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR028 CaseType=Combination P=-38.3361303405268 V2=-8.42557275773773 V3=0 T=0 M2=0 M3=-30.2952838364294 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR028 CaseType=Combination P=-38.3361303405268 V2=-6.08182275773773 V3=0 T=0 M2=0 M3=-27.5751471772778 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR029 CaseType=Combination P=-24.9185676003142 V2=-12.8930197596712 V3=0 T=0 M2=0 M3=-42.9211998430657 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR029 CaseType=Combination P=-24.9185676003142 V2=-9.72895725967117 V3=0 T=0 M2=0 M3=-38.679579151939 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR030 CaseType=Combination P=-11.4700610287231 V2=-12.8895689583165 V3=0 T=0 M2=0 M3=-44.1386986986298 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR030 CaseType=Combination P=-11.4700610287231 V2=-9.72550645831653 V3=0 T=0 M2=0 M3=-39.8983720580111 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR031 CaseType=Combination P=-6.18048652648015 V2=-21.6735749953772 V3=0 T=0 M2=0 M3=-79.4672082386347 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR031 CaseType=Combination P=-6.18048652648015 V2=-18.5095124953772 V3=0 T=0 M2=0 M3=-71.9328793341182 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR032 CaseType=Combination P=-19.2758373368796 V2=-10.7549198430169 V3=0 T=0 M2=0 M3=-78.1928414617418 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR032 CaseType=Combination P=-19.2758373368796 V2=-7.59085734301687 V3=0 T=0 M2=0 M3=-74.7530082393604 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR033 CaseType=Combination P=-32.3711881509111 V2=-21.6807989637267 V3=0 T=0 M2=0 M3=-76.9184746846574 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR033 CaseType=Combination P=-32.3711881509111 V2=-18.5167364637267 V3=0 T=0 M2=0 M3=-69.3814367920099 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR034 CaseType=Combination P=-23.5880088646411 V2=1.20397360283356 V3=0 T=0 M2=0 M3=-31.8813834327662 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR034 CaseType=Combination P=-23.5880088646411 V2=3.54772360283356 V3=0 T=0 M2=0 M3=-32.7723266588288 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR035 CaseType=Combination P=-36.6833596786726 V2=-9.72190551787627 V3=0 T=0 M2=0 M3=-30.6070166556819 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR035 CaseType=Combination P=-36.6833596786726 V2=-7.37815551787627 V3=0 T=0 M2=0 M3=-27.4007552114783 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR036 CaseType=Combination P=-27.6836873226112 V2=-12.2495569405014 V3=0 T=0 M2=0 M3=-41.1058406294809 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR036 CaseType=Combination P=-27.6836873226112 V2=-9.0854944405014 V3=0 T=0 M2=0 M3=-37.1055184955428 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR037 CaseType=Combination P=-14.2351807510201 V2=-12.2461061391468 V3=0 T=0 M2=0 M3=-42.3233394850449 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR037 CaseType=Combination P=-14.2351807510201 V2=-9.08204363914676 V3=0 T=0 M2=0 M3=-38.3243114016149 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR038 CaseType=Combination P=-8.94560624877716 V2=-21.0301121762074 V3=0 T=0 M2=0 M3=-77.6518490250499 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR038 CaseType=Combination P=-8.94560624877716 V2=-17.8660496762074 V3=0 T=0 M2=0 M3=-70.3588186777221 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR039 CaseType=Combination P=-22.0409570591766 V2=-10.1114570238471 V3=0 T=0 M2=0 M3=-76.377482248157 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR039 CaseType=Combination P=-22.0409570591766 V2=-6.94739452384711 V3=0 T=0 M2=0 M3=-73.1789475829643 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR040 CaseType=Combination P=-35.1363078732081 V2=-21.0373361445569 V3=0 T=0 M2=0 M3=-75.1031154710726 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR040 CaseType=Combination P=-35.1363078732081 V2=-17.8732736445569 V3=0 T=0 M2=0 M3=-67.8073761356138 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR041 CaseType=Combination P=-26.3531285869381 V2=1.84743642200333 V3=0 T=0 M2=0 M3=-30.0660242191814 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR041 CaseType=Combination P=-26.3531285869381 V2=4.19118642200333 V3=0 T=0 M2=0 M3=-31.1982660024327 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR042 CaseType=Combination P=-39.4484794009697 V2=-9.0784426987065 V3=0 T=0 M2=0 M3=-28.7916574420971 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR042 CaseType=Combination P=-39.4484794009697 V2=-6.7346926987065 V3=0 T=0 M2=0 M3=-25.8266945550821 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR043 CaseType=Combination P=-31.9949026132849 V2=-12.26001637412 V3=0 T=0 M2=0 M3=-37.4155822923737 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR043 CaseType=Combination P=-31.9949026132849 V2=-9.09595387412002 V3=0 T=0 M2=0 M3=-33.4113378708287 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR044 CaseType=Combination P=-18.5463960416938 V2=-12.2565655727654 V3=0 T=0 M2=0 M3=-38.6330811479378 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR044 CaseType=Combination P=-18.5463960416938 V2=-9.09250307276537 V3=0 T=0 M2=0 M3=-34.6301307769008 FrameElem=46-1 ElemStation=0.375

PROVA SDR

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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
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Frame=46 Station=0 OutputCase=STR045 CaseType=Combination P=-10.2436401022944 V2=-23.9655410232759 V3=0 T=0 M2=0 M3=-86.8077107628242 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR045 CaseType=Combination P=-10.2436401022944 V2=-20.8014785232759 V3=0 T=0 M2=0 M3=-78.4138945978457 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR046 CaseType=Combination P=-25.4626900878528 V2=-10.9872133272734 V3=0 T=0 M2=0 M3=-85.3114715362144 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR046 CaseType=Combination P=-25.4626900878528 V2=-7.82315082727337 V3=0 T=0 M2=0 M3=-81.7845282572369 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR047 CaseType=Combination P=-40.681740077672 V2=-23.9740227139571 V3=0 T=0 M2=0 M3=-83.8152323093759 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR047 CaseType=Combination P=-40.681740077672 V2=-20.8099602139571 V3=0 T=0 M2=0 M3=-75.418235510392 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR048 CaseType=Combination P=-31.538053116362 V2=3.89968213093061 V3=0 T=0 M2=0 M3=-27.2238436605706 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR048 CaseType=Combination P=-31.538053116362 V2=6.24343213093061 V3=0 T=0 M2=0 M3=-29.1256775846696 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR049 CaseType=Combination P=-46.7571031061812 V2=-9.08712725575312 V3=0 T=0 M2=0 M3=-25.727604433732 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR049 CaseType=Combination P=-46.7571031061812 V2=-6.74337725575312 V3=0 T=0 M2=0 M3=-22.7593848378246 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR050 CaseType=Combination P=-25.1021824126557 V2=-0.838260342904234 V3=0 T=0 M2=0 M3=-73.7571741393725 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR050 CaseType=Combination P=-25.1021824126557 V2=2.32580215709577 V3=0 T=0 M2=0 M3=-74.0360882295334 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR051 CaseType=Combination P=-13.2568215394508 V2=-21.040571609826 V3=0 T=0 M2=0 M3=-73.9615906879427 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR051 CaseType=Combination P=-13.2568215394508 V2=-17.876509109826 V3=0 T=0 M2=0 M3=-66.664638053008 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR052 CaseType=Combination P=-26.3521723498502 V2=-10.1219164574657 V3=0 T=0 M2=0 M3=-72.6872239110498 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR052 CaseType=Combination P=-26.3521723498502 V2=-6.95785395746572 V3=0 T=0 M2=0 M3=-69.4847669582501 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR053 CaseType=Combination P=-39.4475231638818 V2=-21.0477955781756 V3=0 T=0 M2=0 M3=-71.4128571339654 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR053 CaseType=Combination P=-39.4475231638818 V2=-17.8837330781756 V3=0 T=0 M2=0 M3=-64.1131955108996 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR054 CaseType=Combination P=-30.6643438776117 V2=1.83697698838471 V3=0 T=0 M2=0 M3=-26.3757658820743 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR054 CaseType=Combination P=-30.6643438776117 V2=4.18072698838472 V3=0 T=0 M2=0 M3=-27.5040853777185 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR055 CaseType=Combination P=-43.7596946916433 V2=-9.08890213232511 V3=0 T=0 M2=0 M3=-25.1013991049899 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR055 CaseType=Combination P=-43.7596946916433 V2=-6.74515213232511 V3=0 T=0 M2=0 M3=-22.132513930368 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR056 CaseType=Combination P=-32.821287944212 V2=-11.6118499940507 V3=0 T=0 M2=0 M3=-37.2597158827475 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR056 CaseType=Combination P=-32.821287944212 V2=-8.44778749405075 V3=0 T=0 M2=0 M3=-33.4985338537285 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR057 CaseType=Combination P=-19.3727813726209 V2=-11.6083991926961 V3=0 T=0 M2=0 M3=-38.4772147383115 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR057 CaseType=Combination P=-19.3727813726209 V2=-8.4443366926961 V3=0 T=0 M2=0 M3=-34.7173267598005 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR058 CaseType=Combination P=-14.0832068703779 V2=-20.3924052297567 V3=0 T=0 M2=0 M3=-73.8057242783165 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR058 CaseType=Combination P=-14.0832068703779 V2=-17.2283427297567 V3=0 T=0 M2=0 M3=-66.7518340359077 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR059 CaseType=Combination P=-27.1785576807773 V2=-9.47375007739645 V3=0 T=0 M2=0 M3=-72.5313575014236 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR059 CaseType=Combination P=-27.1785576807773 V2=-6.30968757739645 V3=0 T=0 M2=0 M3=-69.5719629411499 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR060 CaseType=Combination P=-40.2739084948089 V2=-20.3996291981063 V3=0 T=0 M2=0 M3=-71.2569907243392 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR060 CaseType=Combination P=-40.2739084948089 V2=-17.2355666981063 V3=0 T=0 M2=0 M3=-64.2003914937993 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR061 CaseType=Combination P=-31.4907292085388 V2=2.48514336845399 V3=0 T=0 M2=0 M3=-26.219899472448 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR061 CaseType=Combination P=-31.4907292085388 V2=4.82889336845399 V3=0 T=0 M2=0 M3=-27.5912813606183 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR062 CaseType=Combination P=-44.5860800225704 V2=-8.44073575225584 V3=0 T=0 M2=0 M3=-24.9455326953637 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR062 CaseType=Combination P=-44.5860800225704 V2=-6.09698575225584 V3=0 T=0 M2=0 M3=-22.2197099132678 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR063 CaseType=Combination P=-31.1685172823578 V2=-12.9081827541893 V3=0 T=0 M2=0 M3=-37.5714487019999 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR063 CaseType=Combination P=-31.1685172823578 V2=-9.74412025418929 V3=0 T=0 M2=0 M3=-33.324141887929 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR064 CaseType=Combination P=-17.7200107107667 V2=-12.9047319528346 V3=0 T=0 M2=0 M3=-38.788947557364 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR064 CaseType=Combination P=-17.7200107107667 V2=-9.74066945283464 V3=0 T=0 M2=0 M3=-34.542934794001 FrameElem=46-1 ElemStation=0.375

PROVATO S.D.P.

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Frame=46 Station=0 OutputCase=STR065 CaseType=Combination P=-12.4304362085237 V2=-21.6887379898953 V3=0 T=0 M2=0 M3=-74.1174570975689 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR065 CaseType=Combination P=-12.4304362085237 V2=-18.5246754898953 V3=0 T=0 M2=0 M3=-66.5774420701082 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR066 CaseType=Combination P=-25.5257870189231 V2=-10.770082837535 V3=0 T=0 M2=0 M3=-72.84309320676 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR066 CaseType=Combination P=-25.5257870189231 V2=-7.6062033753499 V3=0 T=0 M2=0 M3=-69.3975709753504 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR067 CaseType=Combination P=-38.6211378329547 V2=-21.6959619582448 V3=0 T=0 M2=0 M3=-71.5687235435917 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR067 CaseType=Combination P=-38.6211378329547 V2=-18.5318994582448 V3=0 T=0 M2=0 M3=-64.0259995279999 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR068 CaseType=Combination P=-29.8379585466847 V2=1.18881060831544 V3=0 T=0 M2=0 M3=-26.5316322917005 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR068 CaseType=Combination P=-29.8379585466847 V2=3.53256060831545 V3=0 T=0 M2=0 M3=-27.4168893948188 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR069 CaseType=Combination P=-42.9333093607162 V2=-9.73706851239438 V3=0 T=0 M2=0 M3=-25.2572655146162 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR069 CaseType=Combination P=-42.9333093607162 V2=-7.39331851239438 V3=0 T=0 M2=0 M3=-22.0453179474683 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR070 CaseType=Combination P=-33.9336370046548 V2=-12.2647199350195 V3=0 T=0 M2=0 M3=-35.7560894884151 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR070 CaseType=Combination P=-33.9336370046548 V2=-9.10065743501952 V3=0 T=0 M2=0 M3=-31.7500812315328 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR071 CaseType=Combination P=-20.4851304330637 V2=-12.2612691336649 V3=0 T=0 M2=0 M3=-36.9735883439792 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR071 CaseType=Combination P=-20.4851304330637 V2=-9.09720663366488 V3=0 T=0 M2=0 M3=-32.9688741376049 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR072 CaseType=Combination P=-15.195559308207 V2=-21.0452751707255 V3=0 T=0 M2=0 M3=-72.3020978839841 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR072 CaseType=Combination P=-15.195559308207 V2=-17.8812126707255 V3=0 T=0 M2=0 M3=-65.0033814137121 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR073 CaseType=Combination P=-28.2909067412201 V2=-10.1266200183652 V3=0 T=0 M2=0 M3=-71.0277311070912 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR073 CaseType=Combination P=-28.2909067412201 V2=-6.96255751836523 V3=0 T=0 M2=0 M3=-67.8235103189542 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR074 CaseType=Combination P=-41.3862575552517 V2=-21.0524991390751 V3=0 T=0 M2=0 M3=-69.7533643300068 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR074 CaseType=Combination P=-41.3862575552517 V2=-17.8884366390751 V3=0 T=0 M2=0 M3=-62.4519388716037 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR075 CaseType=Combination P=-32.6030782689817 V2=1.83227342748521 V3=0 T=0 M2=0 M3=-24.7162730781157 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR075 CaseType=Combination P=-32.6030782689817 V2=4.17602342748521 V3=0 T=0 M2=0 M3=-25.8428287384226 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR076 CaseType=Combination P=-45.6984290830132 V2=-9.09360569322462 V3=0 T=0 M2=0 M3=-23.4419063010313 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR076 CaseType=Combination P=-45.6984290830132 V2=-6.74985569322462 V3=0 T=0 M2=0 M3=-20.4712572910721 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR077 CaseType=Combination P=-30.2472366571416 V2=-11.1721575767455 V3=0 T=0 M2=0 M3=-39.8306805135295 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR077 CaseType=Combination P=-30.2472366571416 V2=-8.00809507674551 V3=0 T=0 M2=0 M3=-36.234383141 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR078 CaseType=Combination P=-16.7987300855505 V2=-11.1687067753909 V3=0 T=0 M2=0 M3=-41.0481793690936 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR078 CaseType=Combination P=-16.7987300855505 V2=-8.0046427539086 V3=0 T=0 M2=0 M3=-37.453176047072 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR079 CaseType=Combination P=-9.19504052860847 V2=-23.3128257448512 V3=0 T=0 M2=0 M3=-88.2567696955177 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR079 CaseType=Combination P=-9.19504052860847 V2=-20.1487632448512 V3=0 T=0 M2=0 M3=-80.1077217599485 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR080 CaseType=Combination P=-24.4140905141668 V2=-10.3344980488487 V3=0 T=0 M2=0 M3=-86.7605304689079 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR080 CaseType=Combination P=-24.4140905141668 V2=-7.17043554884867 V3=0 T=0 M2=0 M3=-83.4783554193397 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR081 CaseType=Combination P=-39.633140503986 V2=-23.3213074355324 V3=0 T=0 M2=0 M3=-85.2642912420693 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR081 CaseType=Combination P=-39.633140503986 V2=-20.1572449355324 V3=0 T=0 M2=0 M3=-77.1120626724947 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR082 CaseType=Combination P=-30.489453542676 V2=4.55239740935531 V3=0 T=0 M2=0 M3=-28.6729025932641 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR082 CaseType=Combination P=-30.489453542676 V2=6.89614740935531 V3=0 T=0 M2=0 M3=-30.8195047467723 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR083 CaseType=Combination P=-45.7085035324952 V2=-8.43441197732842 V3=0 T=0 M2=0 M3=-27.1766633664255 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR083 CaseType=Combination P=-45.7085035324952 V2=-6.09066197732842 V3=0 T=0 M2=0 M3=-24.4532119999273 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR084 CaseType=Combination P=-24.0535828389697 V2=-0.185545064479528 V3=0 T=0 M2=0 M3=-75.206233072066 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR084 CaseType=Combination P=-24.0535828389697 V2=2.97851743552047 V3=0 T=0 M2=0 M3=-75.7299153916362 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR085 CaseType=Combination P=-11.5091555833075 V2=-19.9527128124515 V3=0 T=0 M2=0 M3=-76.3766889090985 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR085 CaseType=Combination P=-11.5091555833075 V2=-16.7886503124515 V3=0 T=0 M2=0 M3=-69.4876833231792 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR086 CaseType=Combination P=-24.6045063937069 V2=-9.03405766009121 V3=0 T=0 M2=0 M3=-75.1023221322056 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR086 CaseType=Combination P=-24.6045063937069 V2=-5.86999516009121 V3=0 T=0 M2=0 M3=-72.3078122284214 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR087 CaseType=Combination P=-37.6998572077385 V2=-19.959936780801 V3=0 T=0 M2=0 M3=-73.8279553551213 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR087 CaseType=Combination P=-37.6998572077385 V2=-16.795874280801 V3=0 T=0 M2=0 M3=-66.9362407810709 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR088 CaseType=Combination P=-28.9166779214685 V2=2.92483578575922 V3=0 T=0 M2=0 M3=-28.7908641032301 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR088 CaseType=Combination P=-28.9166779214685 V2=5.26858578575922 V3=0 T=0 M2=0 M3=-30.3271306478898 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR089 CaseType=Combination P=-42.0120287355 V2=-8.0010433349506 V3=0 T=0 M2=0 M3=-27.5164973261458 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR089 CaseType=Combination P=-42.0120287355 V2=-5.6572933349506 V3=0 T=0 M2=0 M3=-24.955592005393 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR090 CaseType=Combination P=-28.3722517525285 V2=-11.16760867839001 V3=0 T=0 M2=0 M3=-41.4356058558493 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR090 CaseType=Combination P=-28.3722517525285 V2=-8.00354617839007 V3=0 T=0 M2=0 M3=-37.841014320203 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR091 CaseType=Combination P=-14.9237451809374 V2=-11.1641578770354 V3=0 T=0 M2=0 M3=-42.6531047114133 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR091 CaseType=Combination P=-14.9237451809374 V2=-8.00009537703543 V3=0 T=0 M2=0 M3=-39.059807226275 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR092 CaseType=Combination P=-9.63417067869445 V2=-19.9481639140961 V3=0 T=0 M2=0 M3=-77.9816142514183 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR092 CaseType=Combination P=-9.63417067869445 V2=-16.7841014140961 V3=0 T=0 M2=0 M3=-71.0943145023822 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR093 CaseType=Combination P=-22.7295214890938 V2=-9.02950876173577 V3=0 T=0 M2=0 M3=-76.7072474745253 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR093 CaseType=Combination P=-22.7295214890938 V2=-5.86544626173578 V3=0 T=0 M2=0 M3=-73.9144434076244 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR094 CaseType=Combination P=-35.8248723031254 V2=-19.9553878824456 V3=0 T=0 M2=0 M3=-75.432880697441 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR094 CaseType=Combination P=-35.8248723031254 V2=-16.7913253824456 V3=0 T=0 M2=0 M3=-68.5428719602739 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR095 CaseType=Combination P=-27.0416930168554 V2=2.92938468411466 V3=0 T=0 M2=0 M3=-30.3957894455498 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR095 CaseType=Combination P=-27.0416930168554 V2=5.27313468411466 V3=0 T=0 M2=0 M3=-31.9337618270928 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR096 CaseType=Combination P=-40.1370438308869 V2=-7.99649443659517 V3=0 T=0 M2=0 M3=-29.1214226684655 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR096 CaseType=Combination P=-40.1370438308869 V2=-5.65274443659517 V3=0 T=0 M2=0 M3=-26.5621903797423 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR097 CaseType=Combination P=-32.1222215617547 V2=-11.1767064751009 V3=0 T=0 M2=0 M3=-38.2257551712098 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR097 CaseType=Combination P=-32.1222215617547 V2=-8.01264397510094 V3=0 T=0 M2=0 M3=-34.627751961797 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR098 CaseType=Combination P=-18.6737149901635 V2=-11.1732556737463 V3=0 T=0 M2=0 M3=-39.4432540267739 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR098 CaseType=Combination P=-18.6737149901635 V2=-8.0091931737463 V3=0 T=0 M2=0 M3=-35.846544867869 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR099 CaseType=Combination P=-13.3841404879206 V2=-19.9572617108069 V3=0 T=0 M2=0 M3=-74.7717635667788 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR099 CaseType=Combination P=-13.3841404879206 V2=-16.7931992108069 V3=0 T=0 M2=0 M3=-67.8810521439762 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR100 CaseType=Combination P=-26.47949129832 V2=-9.03860655844665 V3=0 T=0 M2=0 M3=-73.4973967898859 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR100 CaseType=Combination P=-26.47949129832 V2=-5.87454405844665 V3=0 T=0 M2=0 M3=-70.7011810492184 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR101 CaseType=Combination P=-39.5748421123515 V2=-19.9644856791565 V3=0 T=0 M2=0 M3=-72.2230300128015 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR101 CaseType=Combination P=-39.5748421123515 V2=-16.8004231791565 V3=0 T=0 M2=0 M3=-65.3296096018679 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR102 CaseType=Combination P=-30.7916628260815 V2=2.92028688740379 V3=0 T=0 M2=0 M3=-27.1859387609104 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR102 CaseType=Combination P=-30.7916628260815 V2=5.26403688740379 V3=0 T=0 M2=0 M3=-28.7204994686868 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR103 CaseType=Combination P=-43.8870136401131 V2=-8.00559223330604 V3=0 T=0 M2=0 M3=-25.911571983826 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR103 CaseType=Combination P=-43.8870136401131 V2=-5.66184223330604 V3=0 T=0 M2=0 M3=-23.3489280213363 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR104 CaseType=Combination P=-32.1859710485115 V2=-11.176861137645 V3=0 T=0 M2=0 M3=-38.1711877095709 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR104 CaseType=Combination P=-32.1859710485115 V2=-8.01279863764501 V3=0 T=0 M2=0 M3=-34.5731265017041 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR105 CaseType=Combination P=-18.7374644769204 V2=-11.1734103362904 V3=0 T=0 M2=0 M3=-39.388686565135 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR105 CaseType=Combination P=-18.7374644769204 V2=-8.00934783629037 V3=0 T=0 M2=0 M3=-35.7919194077761 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR106 CaseType=Combination P=-13.4478899746774 V2=-19.957416373351 V3=0 T=0 M2=0 M3=-74.7171961051399 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR106 CaseType=Combination P=-13.4478899746774 V2=-16.793353873351 V3=0 T=0 M2=0 M3=-67.8264266838833 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR107 CaseType=Combination P=-26.5432407850768 V2=-9.03876122099072 V3=0 T=0 M2=0 M3=-73.442829328247 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR107 CaseType=Combination P=-26.5432407850768 V2=-5.87469872099072 V3=0 T=0 M2=0 M3=-70.6465555891255 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR108 CaseType=Combination P=-39.6385915991084 V2=-19.9646403417005 V3=0 T=0 M2=0 M3=-72.1684625511627 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR108 CaseType=Combination P=-39.6385915991084 V2=-16.8005778417005 V3=0 T=0 M2=0 M3=-65.274984141775 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR109 CaseType=Combination P=-30.8554123128384 V2=-2.92013222485972 V3=0 T=0 M2=0 M3=-27.1313712992715 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR109 CaseType=Combination P=-30.8554123128384 V2=-5.26388222485972 V3=0 T=0 M2=0 M3=-28.6658740085939 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR110 CaseType=Combination P=-43.9507631268699 V2=-8.00574689585011 V3=0 T=0 M2=0 M3=-25.8570045221872 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR110 CaseType=Combination P=-43.9507631268699 V2=-5.66199689585011 V3=0 T=0 M2=0 M3=-23.2943025612434 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR111 CaseType=Combination P=-27.4926188873846 V2=-13.3327121769764 V3=0 T=0 M2=0 M3=-40.3502352122836 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR111 CaseType=Combination P=-27.4926188873846 V2=-10.1686496769764 V3=0 T=0 M2=0 M3=-35.9437298646675 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR112 CaseType=Combination P=-14.0441123157935 V2=-13.3292613756218 V3=0 T=0 M2=0 M3=-41.5677340678477 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR112 CaseType=Combination P=-14.0441123157935 V2=-10.1651988756218 V3=0 T=0 M2=0 M3=-37.1625227707395 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR113 CaseType=Combination P=-7.54226986675428 V2=-24.6091585049898 V3=0 T=0 M2=0 M3=-88.5685025147701 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR113 CaseType=Combination P=-7.54226986675428 V2=-21.4450960049898 V3=0 T=0 M2=0 M3=-79.93329794149 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR114 CaseType=Combination P=-22.7613198523127 V2=-11.6308308089872 V3=0 T=0 M2=0 M3=-87.0722632881604 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR114 CaseType=Combination P=-22.7613198523127 V2=-8.46676830898721 V3=0 T=0 M2=0 M3=-83.3039634535402 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR115 CaseType=Combination P=-37.9803698421318 V2=-24.6176401956709 V3=0 T=0 M2=0 M3=-85.5760240613218 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR115 CaseType=Combination P=-37.9803698421318 V2=-21.4535776956709 V3=0 T=0 M2=0 M3=-76.9376707066952 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR116 CaseType=Combination P=-28.8366828808219 V2=-3.25606464921677 V3=0 T=0 M2=0 M3=-28.9846354125166 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR116 CaseType=Combination P=-28.8366828808219 V2=-5.59981464921677 V3=0 T=0 M2=0 M3=-30.6451127809729 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR117 CaseType=Combination P=-44.055732870641 V2=-9.73074473746696 V3=0 T=0 M2=0 M3=-27.488396185678 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR117 CaseType=Combination P=-44.055732870641 V2=-7.38699473746696 V3=0 T=0 M2=0 M3=-24.2788200341279 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR118 CaseType=Combination P=-22.4008121771155 V2=-1.48187782461807 V3=0 T=0 M2=0 M3=-75.5179658913185 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR118 CaseType=Combination P=-22.4008121771155 V2=-1.68218467538193 V3=0 T=0 M2=0 M3=-75.5555234258367 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR119 CaseType=Combination P=-8.75453781355054 V2=-22.1132674126824 V3=0 T=0 M2=0 M3=-76.8962436078526 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR119 CaseType=Combination P=-8.75453781355054 V2=-18.9492049126824 V3=0 T=0 M2=0 M3=-69.1970300468467 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR120 CaseType=Combination P=-21.8498886239499 V2=-11.1946122603221 V3=0 T=0 M2=0 M3=-75.6218768309597 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR120 CaseType=Combination P=-21.8498886239499 V2=-8.03054976032211 V3=0 T=0 M2=0 M3=-72.0171589520889 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR121 CaseType=Combination P=-34.9452394379815 V2=-22.1204913810319 V3=0 T=0 M2=0 M3=-74.3475100538754 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR121 CaseType=Combination P=-34.9452394379815 V2=-18.9564288810319 V3=0 T=0 M2=0 M3=-66.6455875047384 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR122 CaseType=Combination P=-26.1620601517115 V2=-0.764281185528324 V3=0 T=0 M2=0 M3=-29.3104188019842 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR122 CaseType=Combination P=-26.1620601517115 V2=-3.10803118552832 V3=0 T=0 M2=0 M3=-30.0364773715573 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR123 CaseType=Combination P=-39.257410965743 V2=-10.1615979351815 V3=0 T=0 M2=0 M3=-28.0360520248999 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR123 CaseType=Combination P=-39.257410965743 V2=-7.81784793518151 V3=0 T=0 M2=0 M3=-24.6649059242068 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR124 CaseType=Combination P=-25.6176339827716 V2=-13.328163278621 V3=0 T=0 M2=0 M3=-41.9551605546034 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR124 CaseType=Combination P=-25.6176339827716 V2=-10.164100778621 V3=0 T=0 M2=0 M3=-37.5503610438705 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR125 CaseType=Combination P=-12.1691274111804 V2=-13.3247124772663 V3=0 T=0 M2=0 M3=-43.1726594101674 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR125 CaseType=Combination P=-12.1691274111804 V2=-10.1606499772663 V3=0 T=0 M2=0 M3=-38.7691539499426 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR126 CaseType=Combination P=-6.87955290893747 V2=-22.108718514327 V3=0 T=0 M2=0 M3=-78.5011689501723 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR126 CaseType=Combination P=-6.87955290893747 V2=-18.944656014327 V3=0 T=0 M2=0 M3=-70.8036612260497 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR127 CaseType=Combination P=-19.9749037193369 V2=-11.1900633619667 V3=0 T=0 M2=0 M3=-77.2268021732794 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR127 CaseType=Combination P=-19.9749037193369 V2=-8.02600086196668 V3=0 T=0 M2=0 M3=-73.6237901312919 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR128 CaseType=Combination P=-33.0702545333684 V2=-22.1159424826765 V3=0 T=0 M2=0 M3=-75.9524353961951 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR128 CaseType=Combination P=-33.0702545333684 V2=-18.9518799826765 V3=0 T=0 M2=0 M3=-68.2522186839414 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR129 CaseType=Combination P=-24.2870752470984 V2=0.768830083883759 V3=0 T=0 M2=0 M3=-30.9153441443039 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR129 CaseType=Combination P=-24.2870752470984 V2=3.11258008388376 V3=0 T=0 M2=0 M3=-31.6431085507603 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR130 CaseType=Combination P=-37.38242606113 V2=-10.1570490368261 V3=0 T=0 M2=0 M3=-29.6409773672196 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR130 CaseType=Combination P=-37.38242606113 V2=-7.81329903682607 V3=0 T=0 M2=0 M3=-26.2715371034098 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR131 CaseType=Combination P=-29.3676037919977 V2=-13.3372610753318 V3=0 T=0 M2=0 M3=-38.7453098699639 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR131 CaseType=Combination P=-29.3676037919977 V2=-10.1731985753318 V3=0 T=0 M2=0 M3=-34.3370986854645 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR132 CaseType=Combination P=-15.9190972204066 V2=-13.3338102739772 V3=0 T=0 M2=0 M3=-39.962808725528 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR132 CaseType=Combination P=-15.9190972204066 V2=-10.1697477739772 V3=0 T=0 M2=0 M3=-35.5558915915365 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR133 CaseType=Combination P=-10.6295227181636 V2=-22.1178163110378 V3=0 T=0 M2=0 M3=-75.2913182655329 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR133 CaseType=Combination P=-10.6295227181636 V2=-18.9537538110378 V3=0 T=0 M2=0 M3=-67.5903988676437 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR134 CaseType=Combination P=-23.724873528563 V2=-11.1991611586775 V3=0 T=0 M2=0 M3=-74.01695148864 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR134 CaseType=Combination P=-23.724873528563 V2=-8.03509865867755 V3=0 T=0 M2=0 M3=-70.4105277728859 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR135 CaseType=Combination P=-36.8202243425946 V2=-22.1250402793874 V3=0 T=0 M2=0 M3=-72.7425847115556 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR135 CaseType=Combination P=-36.8202243425946 V2=-18.9609777793874 V3=0 T=0 M2=0 M3=-65.0389563255354 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR136 CaseType=Combination P=-28.0370450563246 V2=0.759732287172888 V3=0 T=0 M2=0 M3=-27.7054934596645 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR136 CaseType=Combination P=-28.0370450563246 V2=3.10348228717289 V3=0 T=0 M2=0 M3=-28.4298461923543 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR137 CaseType=Combination P=-41.1323958703561 V2=-10.1661468335369 V3=0 T=0 M2=0 M3=-26.4311266825801 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR137 CaseType=Combination P=-41.1323958703561 V2=-7.82239683353694 V3=0 T=0 M2=0 M3=-23.0582747450038 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR138 CaseType=Combination P=-29.4313532787545 V2=-13.3374157378759 V3=0 T=0 M2=0 M3=-38.690742408325 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR138 CaseType=Combination P=-29.4313532787545 V2=-10.1733532378759 V3=0 T=0 M2=0 M3=-34.2824732253716 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR139 CaseType=Combination P=-15.9828467071634 V2=-13.3339649365213 V3=0 T=0 M2=0 M3=-39.9082412638891 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR139 CaseType=Combination P=-15.9828467071634 V2=-10.1699024365213 V3=0 T=0 M2=0 M3=-35.5012661314436 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR140 CaseType=Combination P=-10.6932722049204 V2=-22.1179709735819 V3=0 T=0 M2=0 M3=-75.236750803894 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR140 CaseType=Combination P=-10.6932722049204 V2=-18.9539084735819 V3=0 T=0 M2=0 M3=-67.5357734075508 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR141 CaseType=Combination P=-23.7886230153199 V2=-11.1993158212216 V3=0 T=0 M2=0 M3=-73.9623840270011 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR141 CaseType=Combination P=-23.7886230153199 V2=-8.03525332122162 V3=0 T=0 M2=0 M3=-70.355902312793 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR142 CaseType=Combination P=-36.8839738293514 V2=-22.1251949419315 V3=0 T=0 M2=0 M3=-72.6880172499168 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR142 CaseType=Combination P=-36.8839738293514 V2=-18.9611324419315 V3=0 T=0 M2=0 M3=-64.9843308654425 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR143 CaseType=Combination P=-28.1007945430814 V2=0.759577624628817 V3=0 T=0 M2=0 M3=-27.6509259980256 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR143 CaseType=Combination P=-28.1007945430814 V2=3.10332762462882 V3=0 T=0 M2=0 M3=-28.3752207322614 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR144 CaseType=Combination P=-41.1961453571129 V2=-10.166301496081 V3=0 T=0 M2=0 M3=-26.376592209413 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR144 CaseType=Combination P=-41.1961453571129 V2=-7.82255149608101 V3=0 T=0 M2=0 M3=-23.0036492849109 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR145 CaseType=Combination P=-32.1011517578796 V2=-12.2602741450268 V3=0 T=0 M2=0 M3=-37.3246365229756 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR145 CaseType=Combination P=-32.1011517578796 V2=-9.0962116450268 V3=0 T=0 M2=0 M3=-33.3202954373406 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR146 CaseType=Combination P=-18.6526451862885 V2=-12.2568233436722 V3=0 T=0 M2=0 M3=-38.5421353785397 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR146 CaseType=Combination P=-18.6526451862885 V2=-9.09276084367216 V3=0 T=0 M2=0 M3=-34.5390883434126 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR147 CaseType=Combination P=-10.3073895890513 V2=-23.96569568582 V3=0 T=0 M2=0 M3=-86.7531433011853 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR147 CaseType=Combination P=-10.3073895890513 V2=-20.80163318582 V3=0 T=0 M2=0 M3=-78.3592691377528 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR148 CaseType=Combination P=-25.5264395746097 V2=-10.9873679898174 V3=0 T=0 M2=0 M3=-85.2569040745756 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR148 CaseType=Combination P=-25.5264395746097 V2=-7.82330548981744 V3=0 T=0 M2=0 M3=-81.729902797144 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR149 CaseType=Combination P=-40.7454895644289 V2=-23.9741773765012 V3=0 T=0 M2=0 M3=-83.760664847737 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR149 CaseType=Combination P=-40.7454895644289 V2=-20.8101148765012 V3=0 T=0 M2=0 M3=-75.3636100502991 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR150 CaseType=Combination P=-31.6018026031189 V2=3.89952746838654 V3=0 T=0 M2=0 M3=-27.1692761989317 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR150 CaseType=Combination P=-31.6018026031189 V2=6.24327746838654 V3=0 T=0 M2=0 M3=-29.0710521245767 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR151 CaseType=Combination P=-46.820852592938 V2=-9.08728191829719 V3=0 T=0 M2=0 M3=-25.6730369720931 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR151 CaseType=Combination P=-46.820852592938 V2=-6.74353191829719 V3=0 T=0 M2=0 M3=-22.7047593777317 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR152 CaseType=Combination P=-25.1659318994125 V2=-0.838415005448305 V3=0 T=0 M2=0 M3=-73.7026066777337 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR152 CaseType=Combination P=-25.1659318994125 V2=-2.3256474945517 V3=0 T=0 M2=0 M3=-73.9814627694405 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR153 CaseType=Combination P=-13.3630706840455 V2=-21.0408293807328 V3=0 T=0 M2=0 M3=-73.8706449185446 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR153 CaseType=Combination P=-13.3630706840455 V2=-17.8767668807328 V3=0 T=0 M2=0 M3=-66.5735956195198 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR154 CaseType=Combination P=-26.4584214944449 V2=-10.1221742283725 V3=0 T=0 M2=0 M3=-72.5962781416517 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR154 CaseType=Combination P=-26.4584214944449 V2=-6.95811172837251 V3=0 T=0 M2=0 M3=-69.393724524762 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR155 CaseType=Combination P=-39.5537723084765 V2=-21.0480533490823 V3=0 T=0 M2=0 M3=-71.3219113645673 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR155 CaseType=Combination P=-39.5537723084765 V2=-17.8839908490823 V3=0 T=0 M2=0 M3=-64.0221530774114 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR156 CaseType=Combination P=-30.7705930222065 V2=1.83671921747793 V3=0 T=0 M2=0 M3=-26.2848201126762 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR156 CaseType=Combination P=-30.7705930222065 V2=4.18046921747793 V3=0 T=0 M2=0 M3=-27.4130429442304 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR157 CaseType=Combination P=-43.865943836238 V2=-9.0891599032319 V3=0 T=0 M2=0 M3=-25.0104533355918 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR157 CaseType=Combination P=-43.865943836238 V2=-6.7454099032319 V3=0 T=0 M2=0 M3=-22.041714968799 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR158 CaseType=Combination P=-30.2261668532666 V2=-12.2557252466714 V3=0 T=0 M2=0 M3=-38.9295618652953 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR158 CaseType=Combination P=-30.2261668532666 V2=-9.09166274667136 V3=0 T=0 M2=0 M3=-34.9269266165436 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR159 CaseType=Combination P=-16.7776602816754 V2=-12.2522744453167 V3=0 T=0 M2=0 M3=-40.1470607208594 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR159 CaseType=Combination P=-16.7776602816754 V2=-9.08821194531672 V3=0 T=0 M2=0 M3=-36.1457195226156 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR160 CaseType=Combination P=-11.4880857794325 V2=-21.0362804823774 V3=0 T=0 M2=0 M3=-75.4755702608643 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR160 CaseType=Combination P=-11.4880857794325 V2=-17.8722179823774 V3=0 T=0 M2=0 M3=-68.1802267987228 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR161 CaseType=Combination P=-24.5834365898319 V2=-10.1176253300171 V3=0 T=0 M2=0 M3=-74.2012034839714 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR161 CaseType=Combination P=-24.5834365898319 V2=-6.95356283001707 V3=0 T=0 M2=0 M3=-71.000355703965 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR162 CaseType=Combination P=-37.6787874038634 V2=-21.0435044507269 V3=0 T=0 M2=0 M3=-72.926836706887 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR162 CaseType=Combination P=-37.6787874038634 V2=-17.8794419507269 V3=0 T=0 M2=0 M3=-65.6287842566145 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR163 CaseType=Combination P=-28.8956081175934 V2=1.84126811583337 V3=0 T=0 M2=0 M3=-27.8897454549959 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR163 CaseType=Combination P=-28.8956081175934 V2=4.18501811583337 V3=0 T=0 M2=0 M3=-29.0196741234334 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR164 CaseType=Combination P=-41.990958931625 V2=-9.08461100487646 V3=0 T=0 M2=0 M3=-26.6153786779115 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR164 CaseType=Combination P=-41.990958931625 V2=-6.74086100487646 V3=0 T=0 M2=0 M3=-23.6481026760829 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=STR165 CaseType=Combination P=-33.9761366624927 V2=-12.2648230433822 V3=0 T=0 M2=0 M3=-35.7197111806559 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR165 CaseType=Combination P=-33.9761366624927 V2=-9.10076054338224 V3=0 T=0 M2=0 M3=-31.7136642581375 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR166 CaseType=Combination P=-20.5276300909016 V2=-12.2613722420276 V3=0 T=0 M2=0 M3=-36.9372100362199 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR166 CaseType=Combination P=-20.5276300909016 V2=-9.09730974202759 V3=0 T=0 M2=0 M3=-32.9324571642096 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR167 CaseType=Combination P=-15.2380555886586 V2=-21.0453782790882 V3=0 T=0 M2=0 M3=-72.2657195762249 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR167 CaseType=Combination P=-15.2380555886586 V2=-17.8813157790882 V3=0 T=0 M2=0 M3=-64.9669644403168 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR168 CaseType=Combination P=-28.333406399058 V2=-10.1267231267279 V3=0 T=0 M2=0 M3=-70.991352799332 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR168 CaseType=Combination P=-28.333406399058 V2=-6.96266062672794 V3=0 T=0 M2=0 M3=-67.787093345559 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR169 CaseType=Combination P=-41.4287572130896 V2=-21.0526022474378 V3=0 T=0 M2=0 M3=-69.7169860222476 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR169 CaseType=Combination P=-41.4287572130896 V2=-17.8885397474378 V3=0 T=0 M2=0 M3=-62.4155218982084 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR170 CaseType=Combination P=-32.6455779268196 V2=1.83217031912249 V3=0 T=0 M2=0 M3=-24.6798947703564 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR170 CaseType=Combination P=-32.6455779268196 V2=4.1759203191225 V3=0 T=0 M2=0 M3=-25.8064117650274 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR171 CaseType=Combination P=-45.7409287408511 V2=-9.09370880158733 V3=0 T=0 M2=0 M3=-23.4055279932721 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR171 CaseType=Combination P=-45.7409287408511 V2=-6.7495880158733 V3=0 T=0 M2=0 M3=-20.4348403176768 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR172 CaseType=Combination P=-32.9275370888067 V2=-11.6121077649575 V3=0 T=0 M2=0 M3=-37.1687701133494 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR172 CaseType=Combination P=-32.9275370888067 V2=-8.44804526495753 V3=0 T=0 M2=0 M3=-33.4074914202403 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR173 CaseType=Combination P=-19.4790305172156 V2=-11.6086569636029 V3=0 T=0 M2=0 M3=-38.3862689689134 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR173 CaseType=Combination P=-19.4790305172156 V2=-8.44459446360289 V3=0 T=0 M2=0 M3=-34.6262843263124 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR174 CaseType=Combination P=-14.1894560149726 V2=-20.3926630006635 V3=0 T=0 M2=0 M3=-73.7147785089184 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR174 CaseType=Combination P=-14.1894560149726 V2=-17.2286005006635 V3=0 T=0 M2=0 M3=-66.6607916024195 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR175 CaseType=Combination P=-27.284806825372 V2=-9.47400784830324 V3=0 T=0 M2=0 M3=-72.4404117320255 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR175 CaseType=Combination P=-27.284806825372 V2=-6.30994534830324 V3=0 T=0 M2=0 M3=-69.4809205076617 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR176 CaseType=Combination P=-40.3801576394036 V2=-20.3998869690131 V3=0 T=0 M2=0 M3=-71.1660449549411 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR176 CaseType=Combination P=-40.3801576394036 V2=-17.2358244690131 V3=0 T=0 M2=0 M3=-64.1093490603112 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR177 CaseType=Combination P=-31.5969783531336 V2=2.4848855975472 V3=0 T=0 M2=0 M3=-26.1289537030499 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR177 CaseType=Combination P=-31.5969783531336 V2=4.8286355975472 V3=0 T=0 M2=0 M3=-27.500238921301 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR178 CaseType=Combination P=-44.6923291671651 V2=-8.44099352316263 V3=0 T=0 M2=0 M3=-24.8545869259656 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR178 CaseType=Combination P=-44.6923291671651 V2=-6.09724352316263 V3=0 T=0 M2=0 M3=-22.1286674797796 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR179 CaseType=Combination P=-32.9275370888067 V2=-11.6121077649575 V3=0 T=0 M2=0 M3=-37.1687701133494 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR179 CaseType=Combination P=-32.9275370888067 V2=-8.44804526495753 V3=0 T=0 M2=0 M3=-33.4074914202403 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR180 CaseType=Combination P=-31.2747664269525 V2=-12.9084405250961 V3=0 T=0 M2=0 M3=-37.4805029326018 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR180 CaseType=Combination P=-31.2747664269525 V2=-9.74437802509607 V3=0 T=0 M2=0 M3=-33.2330994544408 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR181 CaseType=Combination P=-17.8262598553614 V2=-12.9049897237414 V3=0 T=0 M2=0 M3=-38.6980017881659 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR181 CaseType=Combination P=-17.8262598553614 V2=-9.74092722374143 V3=0 T=0 M2=0 M3=-34.4518923605129 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR182 CaseType=Combination P=-12.5366853531185 V2=-21.6889957608021 V3=0 T=0 M2=0 M3=-74.0265113281708 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR182 CaseType=Combination P=-12.5366853531185 V2=-18.5249332608021 V3=0 T=0 M2=0 M3=-66.4863996366201 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR183 CaseType=Combination P=-25.6320361635179 V2=-10.7703406804418 V3=0 T=0 M2=0 M3=-72.7521445512779 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR183 CaseType=Combination P=-25.6320361635179 V2=-7.60627810844178 V3=0 T=0 M2=0 M3=-69.3065285418622 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR184 CaseType=Combination P=-38.7273869775494 V2=-21.6962197291516 V3=0 T=0 M2=0 M3=-71.477777741936 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR184 CaseType=Combination P=-38.7273869775494 V2=-18.5321572291516 V3=0 T=0 M2=0 M3=-63.9349570945117 FrameElem=46-1 ElemStation=0.375

PROVA SDR

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CODIFICA DOCUMENTO  
3782004RCECOAIDA1100000100

REV.  
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Frame=46 Station=0 OutputCase=STR185 CaseType=Combination P=-29.9442076912794 V2=1.18855283740866 V3=0 T=0 M2=0 M3=-26.4406865223024 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR185 CaseType=Combination P=-29.9442076912794 V2=3.53230283740866 V3=0 T=0 M2=0 M3=-27.3258469613306 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR186 CaseType=Combination P=-43.0395585053109 V2=-9.73732628330117 V3=0 T=0 M2=0 M3=-25.1663197452181 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR186 CaseType=Combination P=-43.0395585053109 V2=-9.739357628330117 V3=0 T=0 M2=0 M3=-21.9542755139801 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=STR187 CaseType=Combination P=-31.2747664269525 V2=-12.9084405250961 V3=0 T=0 M2=0 M3=-37.4805029326018 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=STR187 CaseType=Combination P=-31.2747664269525 V2=-9.74437802509607 V3=0 T=0 M2=0 M3=-33.2330994544408 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652648015 V2=4.55239740935531 V3=0 T=0 M2=0 M3=-23.4055279932721 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Max P=-6.18048652648015 V2=6.89614740935531 V3=0 T=0 M2=0 M3=-20.4348403176768 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.820852592938 V2=-24.6176401956709 V3=0 T=0 M2=0 M3=-90.0175614474636 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVSTR CaseType=Combination StepType=Min P=-46.820852592938 V2=-21.4535776956709 V3=0 T=0 M2=0 M3=-84.997790615643 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS01 CaseType=Combination P=-26.5546953449104 V2=10.4011894544461 V3=0 T=0 M2=0 M3=-28.0472283366291 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS01 CaseType=Combination P=-26.5546953449104 V2=12.7449394544461 V3=0 T=0 M2=0 M3=-32.3871275070464 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS02 CaseType=Combination P=-25.2526224944847 V2=10.4043484116374 V3=0 T=0 M2=0 M3=-29.1617598243512 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS02 CaseType=Combination P=-25.2526224944847 V2=12.7480984116374 V3=0 T=0 M2=0 M3=-33.5028436037152 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS03 CaseType=Combination P=-27.8567681953362 V2=10.3980304972549 V3=0 T=0 M2=0 M3=-26.9326968489071 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS03 CaseType=Combination P=-27.8567681953362 V2=12.7417804972549 V3=0 T=0 M2=0 M3=-31.2714114103777 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS04 CaseType=Combination P=-27.1285740469432 V2=10.8513049961609 V3=0 T=0 M2=0 M3=-27.938987743887 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS04 CaseType=Combination P=-27.1285740469432 V2=13.1950549961609 V3=0 T=0 M2=0 M3=-32.447680272949 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS05 CaseType=Combination P=-25.9808166428777 V2=9.95107391273135 V3=0 T=0 M2=0 M3=-28.1554688988696 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS05 CaseType=Combination P=-25.9808166428777 V2=12.2948239127314 V3=0 T=0 M2=0 M3=-32.3265747411438 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS06 CaseType=Combination P=-27.9010386722507 V2=10.3979230927104 V3=0 T=0 M2=0 M3=-26.8948027783246 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS06 CaseType=Combination P=-27.9010386722507 V2=12.7416730927104 V3=0 T=0 M2=0 M3=-31.2334770630909 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS07 CaseType=Combination P=-25.8265011965174 V2=10.8544639533522 V3=0 T=0 M2=0 M3=-29.0535192621107 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS07 CaseType=Combination P=-25.8265011965174 V2=13.1982139533522 V3=0 T=0 M2=0 M3=-33.5633963696178 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS08 CaseType=Combination P=-24.678743792452 V2=9.95423286992263 V3=0 T=0 M2=0 M3=-29.2700003865916 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS08 CaseType=Combination P=-24.678743792452 V2=12.29798286992263 V3=0 T=0 M2=0 M3=-33.4422908378126 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS09 CaseType=Combination P=-26.5989658218249 V2=10.4010820499016 V3=0 T=0 M2=0 M3=-28.0093342660466 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS09 CaseType=Combination P=-26.5989658218249 V2=12.7448320499016 V3=0 T=0 M2=0 M3=-32.3491931597597 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS10 CaseType=Combination P=-26.4555953346424 V2=9.83605268358644 V3=0 T=0 M2=0 M3=-30.274159340663 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS10 CaseType=Combination P=-26.4555953346424 V2=12.1798026835864 V3=0 T=0 M2=0 M3=-34.4021322220079 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS11 CaseType=Combination P=-25.1535224842166 V2=9.83921164077772 V3=0 T=0 M2=0 M3=-31.388690828385 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS11 CaseType=Combination P=-25.1535224842166 V2=12.18296164077772 V3=0 T=0 M2=0 M3=-35.5178483186767 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS12 CaseType=Combination P=-27.7576681850681 V2=9.83289372639517 V3=0 T=0 M2=0 M3=-29.159627852941 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS12 CaseType=Combination P=-27.7576681850681 V2=12.1766437263952 V3=0 T=0 M2=0 M3=-33.2864161253392 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS13 CaseType=Combination P=-27.0294740366751 V2=10.2861682253012 V3=0 T=0 M2=0 M3=-30.1659187784226 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS13 CaseType=Combination P=-27.0294740366751 V2=12.6299182253012 V3=0 T=0 M2=0 M3=-34.4626849879105 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS14 CaseType=Combination P=-25.8817166326096 V2=9.38593714187167 V3=0 T=0 M2=0 M3=-30.3823999029034 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS14 CaseType=Combination P=-25.8817166326096 V2=11.7296871418717 V3=0 T=0 M2=0 M3=-34.3415794561053 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS15 CaseType=Combination P=-27.8019386619826 V2=9.83278632185068 V3=0 T=0 M2=0 M3=-29.1217337823584 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS15 CaseType=Combination P=-27.8019386619826 V2=12.1765363218507 V3=0 T=0 M2=0 M3=-33.2484817780524 FrameElem=46-1 ElemStation=0.375

PROVATO S.D.P.

Società di Progetto  
Brebemi SpA



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CODIFICA DOCUMENTO  
3782004RCECOAIDA11000000100

REV.  
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Frame=46 Station=0 OutputCase=SIS16 CaseType=Combination P=-25.7274011862493 V2=10.2893271824925 V3=0 T=0 M2=0 M3=-31.2804502661446 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS16 CaseType=Combination P=-25.7274011862493 V2=12.6330771824925 V3=0 T=0 M2=0 M3=-35.5784010845793 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS17 CaseType=Combination P=-24.5796437821839 V2=9.38909609906295 V3=0 T=0 M2=0 M3=-31.4969313906255 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS17 CaseType=Combination P=-24.5796437821839 V2=11.7328460990629 V3=0 T=0 M2=0 M3=-35.4572955527741 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS18 CaseType=Combination P=-26.4998658115568 V2=9.83594527904195 V3=0 T=0 M2=0 M3=-30.2362652700804 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS18 CaseType=Combination P=-26.4998658115568 V2=12.17969527904195 V3=0 T=0 M2=0 M3=-34.3641978747212 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS19 CaseType=Combination P=-26.6703120243715 V2=1.19813281694226 V3=0 T=0 M2=0 M3=-25.449142165143 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS19 CaseType=Combination P=-26.6703120243715 V2=3.54188281694226 V3=0 T=0 M2=0 M3=-26.3378950964963 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS20 CaseType=Combination P=-25.3682391739457 V2=1.20129177413353 V3=0 T=0 M2=0 M3=-26.563673652865 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS20 CaseType=Combination P=-25.3682391739457 V2=3.54504177413353 V3=0 T=0 M2=0 M3=-27.4536111931651 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS21 CaseType=Combination P=-27.9723848747972 V2=1.19497385975098 V3=0 T=0 M2=0 M3=-24.334610677421 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS21 CaseType=Combination P=-27.9723848747972 V2=3.53872385975098 V3=0 T=0 M2=0 M3=-25.2221789998276 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS22 CaseType=Combination P=-27.2441907264042 V2=1.64824835865703 V3=0 T=0 M2=0 M3=-25.3409016029026 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS22 CaseType=Combination P=-27.2441907264042 V2=3.99199835865703 V3=0 T=0 M2=0 M3=-26.3984478623989 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS23 CaseType=Combination P=-26.096433223388 V2=0.748017275227485 V3=0 T=0 M2=0 M3=-25.5573827273834 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS23 CaseType=Combination P=-26.096433223388 V2=3.09176727522749 V3=0 T=0 M2=0 M3=-26.2773423305937 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS24 CaseType=Combination P=-28.0166553517117 V2=1.19486645520649 V3=0 T=0 M2=0 M3=-24.2967166068384 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS24 CaseType=Combination P=-28.0166553517117 V2=3.53861645520649 V3=0 T=0 M2=0 M3=-25.1842466525409 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS25 CaseType=Combination P=-25.9421178759784 V2=1.6514073158483 V3=0 T=0 M2=0 M3=-26.4554330906246 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS25 CaseType=Combination P=-25.9421178759784 V2=3.9951573158483 V3=0 T=0 M2=0 M3=-27.5141639590677 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS26 CaseType=Combination P=-24.794360471913 V2=0.75117623241876 V3=0 T=0 M2=0 M3=-26.6719142151055 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS26 CaseType=Combination P=-24.794360471913 V2=3.09492623241876 V3=0 T=0 M2=0 M3=-27.3930584272625 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS27 CaseType=Combination P=-26.7145825012859 V2=1.19802541239776 V3=0 T=0 M2=0 M3=-25.4112480945604 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS27 CaseType=Combination P=-26.7145825012859 V2=3.54177541239776 V3=0 T=0 M2=0 M3=-26.2999607492096 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS28 CaseType=Combination P=-26.3399786568111 V2=0.68565641925668 V3=0 T=0 M2=0 M3=-32.8722455119225 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS28 CaseType=Combination P=-26.3399786568111 V2=1.65809358074332 V3=0 T=0 M2=0 M3=-33.0545774797012 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS29 CaseType=Combination P=-25.0379058063854 V2=0.682497462056405 V3=0 T=0 M2=0 M3=-33.9867769996445 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS29 CaseType=Combination P=-25.0379058063854 V2=1.66125253793459 V3=0 T=0 M2=0 M3=-34.17029357637 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS30 CaseType=Combination P=-27.6420515072369 V2=0.688815376447955 V3=0 T=0 M2=0 M3=-31.7577140242005 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS30 CaseType=Combination P=-27.6420515072369 V2=1.65493462355205 V3=0 T=0 M2=0 M3=-31.9388613830325 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS31 CaseType=Combination P=-26.9138573588438 V2=0.235540877541909 V3=0 T=0 M2=0 M3=-32.7640049496821 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS31 CaseType=Combination P=-26.9138573588438 V2=2.10820912245809 V3=0 T=0 M2=0 M3=-33.1151302456038 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS32 CaseType=Combination P=-25.7660999547784 V2=1.13577196097145 V3=0 T=0 M2=0 M3=-32.9804860741629 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS32 CaseType=Combination P=-25.7660999547784 V2=1.20797803902855 V3=0 T=0 M2=0 M3=-32.9940247137986 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS33 CaseType=Combination P=-27.6863219841514 V2=0.688922780992448 V3=0 T=0 M2=0 M3=-31.7198199536179 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS33 CaseType=Combination P=-27.6863219841514 V2=1.65482721900755 V3=0 T=0 M2=0 M3=-31.9009270357457 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS34 CaseType=Combination P=-25.6117845084181 V2=0.232381920350634 V3=0 T=0 M2=0 M3=-33.8785364374041 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS34 CaseType=Combination P=-25.6117845084181 V2=2.11136807964937 V3=0 T=0 M2=0 M3=-34.2308463422726 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=SIS35 CaseType=Combination P=-24.4640271043527 V2=1.13261300378018 V3=0 T=0 M2=0 M3=-34.095047561885 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS35 CaseType=Combination P=-24.4640271043527 V2=1.21113699621982 V3=0 T=0 M2=0 M3=-34.1097408104674 FrameElem=46-1  
ElemStation=0.375

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Frame=46 Station=0 OutputCase=SIS36 CaseType=Combination P=-26.3842491337256 V2=-0.685763823801174 V3=0 T=0 M2=0 M3=-32.8343514413399 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=SIS36 CaseType=Combination P=-26.3842491337256 V2=1.65798617619883 V3=0 T=0 M2=0 M3=-33.0166431324145 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271043527 V2=10.8544639533522 V3=0 T=0 M2=0 M3=-24.2967166068384 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Max P=-24.4640271043527 V2=13.1982139533522 V3=0 T=0 M2=0 M3=-25.1842446525409 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553517117 V2=-1.13577196097145 V3=0 T=0 M2=0 M3=-34.095017561885 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVSIS CaseType=Combination StepType=Min P=-28.0166553517117 V2=1.20797803902855 V3=0 T=0 M2=0 M3=-35.5784010845793 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR001 CaseType=Combination P=-21.3851316831579 V2=-9.07587768656367 V3=0 T=0 M2=0 M3=-29.6966354540049 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR001 CaseType=Combination P=-21.3851316831579 V2=-6.73212768656367 V3=0 T=0 M2=0 M3=-26.7326344465435 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR002 CaseType=Combination P=-9.2197471128642 V2=-17.7496581848011 V3=0 T=0 M2=0 M3=-65.217363307395 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR002 CaseType=Combination P=-9.2197471128642 V2=-15.4059081848011 V3=0 T=0 M2=0 M3=-59.0006946364391 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR003 CaseType=Combination P=-18.9827458413532 V2=-9.20081669553372 V3=0 T=0 M2=0 M3=-64.2457770919996 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR003 CaseType=Combination P=-18.9827458413532 V2=-6.85706669553372 V3=0 T=0 M2=0 M3=-61.2349239561745 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR004 CaseType=Combination P=-28.7457445726362 V2=-17.7551657893346 V3=0 T=0 M2=0 M3=-63.2741908531078 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR004 CaseType=Combination P=-28.7457445726362 V2=-15.4114157893346 V3=0 T=0 M2=0 M3=-57.0554568071074 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR005 CaseType=Combination P=-24.2070169546796 V2=-0.525255177449139 V3=0 T=0 M2=0 M3=-29.3534219907602 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR005 CaseType=Combination P=-24.2070169546796 V2=1.81849482255086 V3=0 T=0 M2=0 M3=-29.5959044242167 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR006 CaseType=Combination P=-33.9700156859626 V2=-9.07960427124999 V3=0 T=0 M2=0 M3=-28.3818357518684 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR006 CaseType=Combination P=-33.9700156859626 V2=-6.73585427124999 V3=0 T=0 M2=0 M3=-25.4164372751496 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR007 CaseType=Combination P=-18.715703118985 V2=-1.68307374414917 V3=0 T=0 M2=0 M3=-55.6870382795241 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR007 CaseType=Combination P=-18.715703118985 V2=0.660676255850831 V3=0 T=0 M2=0 M3=-55.4953387504682 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR008 CaseType=Combination P=-11.8398725253391 V2=-9.06777875233396 V3=0 T=0 M2=0 M3=-32.5540712049441 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR008 CaseType=Combination P=-11.8398725253391 V2=-6.72402875233396 V3=0 T=0 M2=0 M3=-29.5931072978189 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR009 CaseType=Combination P=-7.65725969235331 V2=-17.7458674361716 V3=0 T=0 M2=0 M3=-66.5548011160059 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR009 CaseType=Combination P=-7.65725969235331 V2=-15.4021174361716 V3=0 T=0 M2=0 M3=-60.3395539524416 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR010 CaseType=Combination P=-17.4202584208423 V2=-9.19702594690419 V3=0 T=0 M2=0 M3=-65.583214877266 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR010 CaseType=Combination P=-17.4202584208423 V2=-6.85327594690419 V3=0 T=0 M2=0 M3=-62.573783272177 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR011 CaseType=Combination P=-27.1832571521254 V2=-17.751375040705 V3=0 T=0 M2=0 M3=-64.6116286383743 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR011 CaseType=Combination P=-27.1832571521254 V2=-15.407625040705 V3=0 T=0 M2=0 M3=-58.3943161231099 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR012 CaseType=Combination P=-22.6445295341687 V2=-0.52146442881961 V3=0 T=0 M2=0 M3=-30.6908597760266 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR012 CaseType=Combination P=-22.6445295341687 V2=1.82228557118039 V3=0 T=0 M2=0 M3=-30.9347637402192 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR013 CaseType=Combination P=-32.4075282654517 V2=-9.07581352262046 V3=0 T=0 M2=0 M3=-29.7192735371348 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR013 CaseType=Combination P=-32.4075282654517 V2=-6.73206352262046 V3=0 T=0 M2=0 M3=-26.7552965911521 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR014 CaseType=Combination P=-17.1532156984741 V2=-1.67928299551964 V3=0 T=0 M2=0 M3=-57.0244760647905 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR014 CaseType=Combination P=-17.1532156984741 V2=0.66446700448036 V3=0 T=0 M2=0 M3=-56.8341980664707 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR015 CaseType=Combination P=-7.92166919034431 V2=-15.5744498908974 V3=0 T=0 M2=0 M3=-58.7233375308737 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR015 CaseType=Combination P=-7.92166919034431 V2=-13.2306998908974 V3=0 T=0 M2=0 M3=-53.3223719467872 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR016 CaseType=Combination P=-16.1115574187156 V2=-8.55129176729096 V3=0 T=0 M2=0 M3=-57.916101254887 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR016 CaseType=Combination P=-16.1115574187156 V2=-6.20754176729096 V3=0 T=0 M2=0 M3=-55.1488199671529 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR017 CaseType=Combination P=-24.3014456494152 V2=-15.5790258492593 V3=0 T=0 M2=0 M3=-57.1088649787761 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR017 CaseType=Combination P=-24.3014456494152 V2=-13.2352758492593 V3=0 T=0 M2=0 M3=-51.7061834103039 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR018 CaseType=Combination P=-20.0297607537104 V2=-2.04462062872753 V3=0 T=0 M2=0 M3=-31.7468349289574 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR018 CaseType=Combination P=-20.0297607537104 V2=0.299129371272471 V3=0 T=0 M2=0 M3=-31.4195553181846 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR019 CaseType=Combination P=-28.2196489844099 V2=-9.07235471069586 V3=0 T=0 M2=0 M3=-30.9395986528466 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR019 CaseType=Combination P=-28.2196489844099 V2=-6.72860471069586 V3=0 T=0 M2=0 M3=-27.9769187613356 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR020 CaseType=Combination P=-12.5285269677783 V2=-8.52764010227624 V3=0 T=0 M2=0 M3=-32.4241825302556 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR020 CaseType=Combination P=-12.5285269677783 V2=-6.18389010227624 V3=0 T=0 M2=0 M3=-29.665770616902 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR021 CaseType=Combination P=-8.61032363278355 V2=-15.0343112408397 V3=0 T=0 M2=0 M3=-58.5934488561852 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR021 CaseType=Combination P=-8.61032363278355 V2=-12.6905612408397 V3=0 T=0 M2=0 M3=-53.3950352658703 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR022 CaseType=Combination P=-16.8002118611548 V2=-8.01115311723324 V3=0 T=0 M2=0 M3=-57.7862125801985 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR022 CaseType=Combination P=-16.8002118611548 V2=-5.66740311723324 V3=0 T=0 M2=0 M3=-55.221483286236 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR023 CaseType=Combination P=-24.9901000918544 V2=-15.0388871992016 V3=0 T=0 M2=0 M3=-56.9789763040876 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR023 CaseType=Combination P=-24.9901000918544 V2=-12.6951371992016 V3=0 T=0 M2=0 M3=-51.778846729387 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR024 CaseType=Combination P=-20.7184151961496 V2=-1.5044819786698 V3=0 T=0 M2=0 M3=-31.6169462542689 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR024 CaseType=Combination P=-20.7184151961496 V2=0.839268021330197 V3=0 T=0 M2=0 M3=-31.4922186372677 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR025 CaseType=Combination P=-28.9083034268492 V2=-8.53221606063814 V3=0 T=0 M2=0 M3=-30.809709978158 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR025 CaseType=Combination P=-28.9083034268492 V2=-6.18846606063814 V3=0 T=0 M2=0 M3=-28.0495820804187 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR026 CaseType=Combination P=-11.1512180828998 V2=-9.60791740239169 V3=0 T=0 M2=0 M3=-32.6839598796327 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR026 CaseType=Combination P=-11.1512180828998 V2=-7.26416740239169 V3=0 T=0 M2=0 M3=-29.5204439787358 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR027 CaseType=Combination P=-7.23301474790507 V2=-16.1145885409551 V3=0 T=0 M2=0 M3=-58.8532262055622 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR027 CaseType=Combination P=-7.23301474790507 V2=-13.7708385409551 V3=0 T=0 M2=0 M3=-53.2497086277041 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR028 CaseType=Combination P=-15.4229029762763 V2=-9.09143041734869 V3=0 T=0 M2=0 M3=-58.0459899295755 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR028 CaseType=Combination P=-15.4229029762763 V2=-6.74768041734869 V3=0 T=0 M2=0 M3=-55.0761566480698 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR029 CaseType=Combination P=-23.6127912069759 V2=-16.119164499317 V3=0 T=0 M2=0 M3=-57.2387536534647 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR029 CaseType=Combination P=-23.6127912069759 V2=-13.775414499317 V3=0 T=0 M2=0 M3=-51.6335200912208 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR030 CaseType=Combination P=-19.3411063112711 V2=-2.58475927878525 V3=0 T=0 M2=0 M3=-31.8767236036459 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR030 CaseType=Combination P=-19.3411063112711 V2=0.241009278785254 V3=0 T=0 M2=0 M3=-31.3468919991015 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR031 CaseType=Combination P=-27.5309945419707 V2=-9.61249336075359 V3=0 T=0 M2=0 M3=-31.0694873275351 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR031 CaseType=Combination P=-27.5309945419707 V2=-7.26874336075359 V3=0 T=0 M2=0 M3=-27.9042554422525 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR032 CaseType=Combination P=-13.4554845181473 V2=-9.07169838641689 V3=0 T=0 M2=0 M3=-31.1711605349786 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR032 CaseType=Combination P=-13.4554845181473 V2=-6.72794838641689 V3=0 T=0 M2=0 M3=-28.2087267650723 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR033 CaseType=Combination P=-9.53728118315257 V2=-15.5783695249803 V3=0 T=0 M2=0 M3=-57.3404268609082 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR033 CaseType=Combination P=-9.53728118315257 V2=-13.2346195249803 V3=0 T=0 M2=0 M3=-51.9379914140406 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR034 CaseType=Combination P=-17.7271694115238 V2=-8.55521140137389 V3=0 T=0 M2=0 M3=-56.5331905849215 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR034 CaseType=Combination P=-17.7271694115238 V2=-6.21146140137388 V3=0 T=0 M2=0 M3=-53.7644394344063 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR035 CaseType=Combination P=-25.9170576422234 V2=-15.5829454833422 V3=0 T=0 M2=0 M3=-55.7259543088107 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR035 CaseType=Combination P=-25.9170576422234 V2=-13.2391954833422 V3=0 T=0 M2=0 M3=-50.3218028775573 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR036 CaseType=Combination P=-21.6453727465186 V2=-2.04854026281045 V3=0 T=0 M2=0 M3=-30.3639242589919 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR036 CaseType=Combination P=-21.6453727465186 V2=0.295209737189549 V3=0 T=0 M2=0 M3=-30.035174785438 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR037 CaseType=Combination P=-29.8352609772182 V2=-9.07627434477878 V3=0 T=0 M2=0 M3=-29.5566879828811 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR037 CaseType=Combination P=-29.8352609772182 V2=-6.73252434477878 V3=0 T=0 M2=0 M3=-26.592538228589 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR038 CaseType=Combination P=-17.0481639270421 V2=-9.08041458109906 V3=0 T=0 M2=0 M3=-28.095945254056 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR038 CaseType=Combination P=-17.0481639270421 V2=-6.73666458109906 V3=0 T=0 M2=0 M3=-25.1302429111439 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR039 CaseType=Combination P=-10.7822345333751 V2=-17.7534489334306 V3=0 T=0 M2=0 M3=-63.8799255454731 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR039 CaseType=Combination P=-10.7822345333751 V2=-15.4096989334306 V3=0 T=0 M2=0 M3=-57.6618353204366 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR040 CaseType=Combination P=-20.5452332618641 V2=-9.20460744416325 V3=0 T=0 M2=0 M3=-62.9083393067332 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR040 CaseType=Combination P=-20.5452332618641 V2=-6.86085744416325 V3=0 T=0 M2=0 M3=-59.8960646401719 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR041 CaseType=Combination P=-30.3082319931471 V2=-17.7589565379641 V3=0 T=0 M2=0 M3=-61.9367530678414 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR041 CaseType=Combination P=-30.3082319931471 V2=-15.4152065379641 V3=0 T=0 M2=0 M3=-55.7165974911048 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR042 CaseType=Combination P=-25.7695043751905 V2=-0.529045926078669 V3=0 T=0 M2=0 M3=-28.0159842054937 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR042 CaseType=Combination P=-25.7695043751905 V2=-1.81470407392133 V3=0 T=0 M2=0 M3=-28.2570451082142 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR043 CaseType=Combination P=-35.5325031064735 V2=-9.08339501987952 V3=0 T=0 M2=0 M3=-27.0443979666019 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR043 CaseType=Combination P=-35.5325031064735 V2=-6.73964501987952 V3=0 T=0 M2=0 M3=-24.0775779591471 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR044 CaseType=Combination P=-20.2781905394959 V2=-1.6868644927787 V3=0 T=0 M2=0 M3=-54.3496004942577 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR044 CaseType=Combination P=-20.2781905394959 V2=0.656885507221301 V3=0 T=0 M2=0 M3=-54.1564794344657 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR045 CaseType=Combination P=-13.1299605920473 V2=-15.5870857196625 V3=0 T=0 M2=0 M3=-54.2652115799856 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR045 CaseType=Combination P=-13.1299605920473 V2=-13.2433357196625 V3=0 T=0 M2=0 M3=-48.8595075601122 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR046 CaseType=Combination P=-21.3198488204185 V2=-8.56392759605606 V3=0 T=0 M2=0 M3=-53.4579753039989 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR046 CaseType=Combination P=-21.3198488204185 V2=-6.22017759605606 V3=0 T=0 M2=0 M3=-50.6859555804779 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR047 CaseType=Combination P=-29.5097370511181 V2=-15.5916616780244 V3=0 T=0 M2=0 M3=-52.650739027888 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR047 CaseType=Combination P=-29.5097370511181 V2=-13.2479116780244 V3=0 T=0 M2=0 M3=-47.2433190236289 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR048 CaseType=Combination P=-25.2380521554133 V2=-2.05725645749263 V3=0 T=0 M2=0 M3=-27.2887089780693 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR048 CaseType=Combination P=-25.2380521554133 V2=0.286493542507372 V3=0 T=0 M2=0 M3=-26.9566909315096 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR049 CaseType=Combination P=-33.4279403861129 V2=-9.08499053946096 V3=0 T=0 M2=0 M3=-26.4814727019584 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR049 CaseType=Combination P=-33.4279403861129 V2=-6.74124053946096 V3=0 T=0 M2=0 M3=-23.5140543746606 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR050 CaseType=Combination P=-17.7368183694813 V2=-8.54027593104134 V3=0 T=0 M2=0 M3=-27.9660565793675 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR050 CaseType=Combination P=-17.7368183694813 V2=-6.19652593104134 V3=0 T=0 M2=0 M3=-25.202906230227 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR051 CaseType=Combination P=-13.8186150344865 V2=-15.0469470696048 V3=0 T=0 M2=0 M3=-54.1353229052971 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR051 CaseType=Combination P=-13.8186150344865 V2=-12.7031970696048 V3=0 T=0 M2=0 M3=-48.9321708791953 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR052 CaseType=Combination P=-22.0085032628578 V2=-8.02378894599834 V3=0 T=0 M2=0 M3=-53.3280866293103 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR052 CaseType=Combination P=-22.0085032628578 V2=-5.68003894599834 V3=0 T=0 M2=0 M3=-50.758618899561 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR053 CaseType=Combination P=-30.1983914935574 V2=-15.0515230279667 V3=0 T=0 M2=0 M3=-52.5208503531995 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR053 CaseType=Combination P=-30.1983914935574 V2=-12.7077730279667 V3=0 T=0 M2=0 M3=-47.315982342712 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR054 CaseType=Combination P=-25.9267065978526 V2=-1.5171178074349 V3=0 T=0 M2=0 M3=-27.1588203033808 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR054 CaseType=Combination P=-25.9267065978526 V2=0.826632192565098 V3=0 T=0 M2=0 M3=-27.0293542505927 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR055 CaseType=Combination P=-34.1165948285522 V2=-8.54485188940324 V3=0 T=0 M2=0 M3=-26.3515840272699 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR055 CaseType=Combination P=-34.1165948285522 V2=-6.20110188940324 V3=0 T=0 M2=0 M3=-23.5867176937437 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR056 CaseType=Combination P=-16.3595094846028 V2=-9.62055323115679 V3=0 T=0 M2=0 M3=-28.2258339287445 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR056 CaseType=Combination P=-16.3595094846028 V2=-7.27680323115679 V3=0 T=0 M2=0 M3=-25.0575795920607 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR057 CaseType=Combination P=-12.441306149608 V2=-16.1272243697202 V3=0 T=0 M2=0 M3=-54.3951002546741 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR057 CaseType=Combination P=-12.441306149608 V2=-13.7834743697202 V3=0 T=0 M2=0 M3=-48.786844241029 FrameElem=46-1 ElemStation=0.375

PROVA SDR

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3782004RCECOAIDA1100000100

REV.  
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Frame=46 Station=0 OutputCase=RAR058 CaseType=Combination P=-20.6311943779793 V2=-9.10406624611379 V3=0 T=0 M2=0 M3=-53.5878639786874 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR058 CaseType=Combination P=-20.6311943779793 V2=-6.76031624611379 V3=0 T=0 M2=0 M3=-50.6132922613947 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR059 CaseType=Combination P=-28.8210826086789 V2=-16.1318003280821 V3=0 T=0 M2=0 M3=-52.7806277025766 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR059 CaseType=Combination P=-28.8210826086789 V2=-13.7880503280821 V3=0 T=0 M2=0 M3=-47.1706557045458 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR060 CaseType=Combination P=-24.5493977129741 V2=-2.59739510755035 V3=0 T=0 M2=0 M3=-27.4185976527578 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR060 CaseType=Combination P=-24.5493977129741 V2=-0.253645107550353 V3=0 T=0 M2=0 M3=-26.8840276124264 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR061 CaseType=Combination P=-32.7392859436737 V2=-9.62512918951869 V3=0 T=0 M2=0 M3=-26.611361376647 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR061 CaseType=Combination P=-32.7392859436737 V2=-7.28137918951869 V3=0 T=0 M2=0 M3=-23.4413910555775 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR062 CaseType=Combination P=-18.6637759198503 V2=-9.08433421518199 V3=0 T=0 M2=0 M3=-26.7130345840905 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR062 CaseType=Combination P=-18.6637759198503 V2=-6.74058421518199 V3=0 T=0 M2=0 M3=-23.7458623783973 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR063 CaseType=Combination P=-14.7455725848555 V2=-15.5910053537454 V3=0 T=0 M2=0 M3=-52.8823009100201 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR063 CaseType=Combination P=-14.7455725848555 V2=-13.2472553537454 V3=0 T=0 M2=0 M3=-47.4751270273656 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR064 CaseType=Combination P=-22.9354608132268 V2=-8.56784723013898 V3=0 T=0 M2=0 M3=-52.0750646340334 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR064 CaseType=Combination P=-22.9354608132268 V2=-6.22409723013898 V3=0 T=0 M2=0 M3=-49.3015750477313 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR065 CaseType=Combination P=-31.1253490439264 V2=-15.5955813121073 V3=0 T=0 M2=0 M3=-51.2678283579225 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR065 CaseType=Combination P=-31.1253490439264 V2=-13.2518313121073 V3=0 T=0 M2=0 M3=-45.8589384908823 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR066 CaseType=Combination P=-26.8536641482216 V2=-2.06117609157555 V3=0 T=0 M2=0 M3=-25.9057983081038 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR066 CaseType=Combination P=-26.8536641482216 V2=-0.28257390842445 V3=0 T=0 M2=0 M3=-25.572310398763 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR067 CaseType=Combination P=-35.0435523789212 V2=-9.08891017354388 V3=0 T=0 M2=0 M3=-25.098562031993 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR067 CaseType=Combination P=-35.0435523789212 V2=-6.74516017354388 V3=0 T=0 M2=0 M3=-22.129673841914 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR068 CaseType=Combination P=-15.591775630256 V2=-8.17386558328697 V3=0 T=0 M2=0 M3=-30.1085271050192 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR068 CaseType=Combination P=-15.591775630256 V2=-5.83011558328697 V3=0 T=0 M2=0 M3=-27.4827806362866 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR069 CaseType=Combination P=-9.90840155530344 V2=-17.2095195347434 V3=0 T=0 M2=0 M3=-65.087474656051 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR069 CaseType=Combination P=-9.90840155530344 V2=-14.8657695347434 V3=0 T=0 M2=0 M3=-59.0733579555222 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR070 CaseType=Combination P=-19.6714002837925 V2=-8.66067804547599 V3=0 T=0 M2=0 M3=-64.1158884173111 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR070 CaseType=Combination P=-19.6714002837925 V2=-6.31692804547599 V3=0 T=0 M2=0 M3=-61.3075872752576 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR071 CaseType=Combination P=-29.4343990150755 V2=-17.2150271392768 V3=0 T=0 M2=0 M3=-63.1443021784193 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR071 CaseType=Combination P=-29.4343990150755 V2=-14.8712771392768 V3=0 T=0 M2=0 M3=-57.1281201261905 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR072 CaseType=Combination P=-24.8956713971189 V2=1.48834726085859E-02 V3=0 T=0 M2=0 M3=-29.2235333160716 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR072 CaseType=Combination P=-24.8956713971189 V2=2.35863347260859 V3=0 T=0 M2=0 M3=-29.6685677432998 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR073 CaseType=Combination P=-34.6586701284019 V2=-8.53946562119227 V3=0 T=0 M2=0 M3=-28.2519470771799 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR073 CaseType=Combination P=-34.6586701284019 V2=-6.19571562119227 V3=0 T=0 M2=0 M3=-25.4891005942328 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR074 CaseType=Combination P=-19.4043575614242 V2=-1.14293509409144 V3=0 T=0 M2=0 M3=-55.5571496048356 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR074 CaseType=Combination P=-19.4043575614242 V2=1.20081490590856 V3=0 T=0 M2=0 M3=-55.5680020695513 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR075 CaseType=Combination P=-11.6735722952612 V2=-14.6805367218504 V3=0 T=0 M2=0 M3=-56.2777934309488 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR075 CaseType=Combination P=-11.6735722952612 V2=-12.3367867218504 V3=0 T=0 M2=0 M3=-51.2120452852549 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR076 CaseType=Combination P=-19.8634605236325 V2=-7.65737859824397 V3=0 T=0 M2=0 M3=-55.4705571549621 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR076 CaseType=Combination P=-19.8634605236325 V2=-5.31362859824397 V3=0 T=0 M2=0 M3=-53.0384933056206 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR077 CaseType=Combination P=-28.0533487543321 V2=-14.6851126802123 V3=0 T=0 M2=0 M3=-54.6633208788512 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR077 CaseType=Combination P=-28.0533487543321 V2=-12.3413626802123 V3=0 T=0 M2=0 M3=-49.5958567487716 FrameElem=46-1 ElemStation=0.375

PROVATO SDR

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Brebem SpA



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3782004RCECOAIDA1100000100

REV.  
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Frame=46 Station=0 OutputCase=RAR078 CaseType=Combination P=-23.7816638586273 V2=-1.15070745968054 V3=0 T=0 M2=0 M3=-29.3012908290325 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR078 CaseType=Combination P=-23.7816638586273 V2=-1.19304254031946 V3=0 T=0 M2=0 M3=-29.3092286566523 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR079 CaseType=Combination P=-31.9715520893268 V2=-8.17844154164887 V3=0 T=0 M2=0 M3=-28.4940545529216 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR079 CaseType=Combination P=-31.9715520893268 V2=-5.83469154164887 V3=0 T=0 M2=0 M3=-25.8665920998033 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR080 CaseType=Combination P=-14.0292882097451 V2=-8.17007483465744 V3=0 T=0 M2=0 M3=-31.4459648902856 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR080 CaseType=Combination P=-14.0292882097451 V2=-5.82632483465744 V3=0 T=0 M2=0 M3=-28.8216399522891 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR081 CaseType=Combination P=-10.1110848747503 V2=-14.6767459732209 V3=0 T=0 M2=0 M3=-57.6152312162152 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR081 CaseType=Combination P=-10.1110848747503 V2=-12.3329959732209 V3=0 T=0 M2=0 M3=-52.5509046012574 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR082 CaseType=Combination P=-18.3009731031216 V2=-7.65358784961444 V3=0 T=0 M2=0 M3=-56.8079949402285 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR082 CaseType=Combination P=-18.3009731031216 V2=-5.30983784961444 V3=0 T=0 M2=0 M3=-54.3773526216231 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR083 CaseType=Combination P=-26.4908613338212 V2=-14.6813219315828 V3=0 T=0 M2=0 M3=-56.0007586641176 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR083 CaseType=Combination P=-26.4908613338212 V2=-12.3375719315828 V3=0 T=0 M2=0 M3=-50.9347160647741 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR084 CaseType=Combination P=-22.2191764381164 V2=-1.14691671105101 V3=0 T=0 M2=0 M3=-30.6387286142989 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR084 CaseType=Combination P=-22.2191764381164 V2=-1.19683328894899 V3=0 T=0 M2=0 M3=-30.6480879726548 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR085 CaseType=Combination P=-30.4090646688159 V2=-8.17465079301934 V3=0 T=0 M2=0 M3=-29.8314923381881 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR085 CaseType=Combination P=-30.4090646688159 V2=-5.83090079301934 V3=0 T=0 M2=0 M3=-27.2054514158058 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR086 CaseType=Combination P=-17.1542630507669 V2=-8.1776563319165 V3=0 T=0 M2=0 M3=-28.7710893197528 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR086 CaseType=Combination P=-17.1542630507669 V2=-5.8339063319165 V3=0 T=0 M2=0 M3=-26.1439213202841 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR087 CaseType=Combination P=-13.2360597157721 V2=-14.6843274704799 V3=0 T=0 M2=0 M3=-54.9403556456823 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR087 CaseType=Combination P=-13.2360597157721 V2=-12.3405774704799 V3=0 T=0 M2=0 M3=-49.8731859692524 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR088 CaseType=Combination P=-21.4259479441434 V2=-7.6611693468735 V3=0 T=0 M2=0 M3=-54.1331193696956 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR088 CaseType=Combination P=-21.4259479441434 V2=-5.3174193468735 V3=0 T=0 M2=0 M3=-51.6996339896181 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR089 CaseType=Combination P=-29.6158361748429 V2=-14.6889034288418 V3=0 T=0 M2=0 M3=-53.3258830935848 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR089 CaseType=Combination P=-29.6158361748429 V2=-12.3451534288418 V3=0 T=0 M2=0 M3=-48.2569974327691 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR090 CaseType=Combination P=-25.3441512791381 V2=-1.15449820831007 V3=0 T=0 M2=0 M3=-27.963853043766 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR090 CaseType=Combination P=-25.3441512791381 V2=-1.18925179168993 V3=0 T=0 M2=0 M3=-27.9703693406498 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR091 CaseType=Combination P=-33.5340395098377 V2=-8.1822322902784 V3=0 T=0 M2=0 M3=-27.1566167676552 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR091 CaseType=Combination P=-33.5340395098377 V2=-5.8384822902784 V3=0 T=0 M2=0 M3=-24.5277327838008 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR092 CaseType=Combination P=-17.2073876230642 V2=-8.17778521736989 V3=0 T=0 M2=0 M3=-28.7256164350537 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR092 CaseType=Combination P=-17.2073876230642 V2=-5.83403521736989 V3=0 T=0 M2=0 M3=-26.09840010354 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR093 CaseType=Combination P=-13.2891842880695 V2=-14.6844563559333 V3=0 T=0 M2=0 M3=-54.8948827609833 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR093 CaseType=Combination P=-13.2891842880695 V2=-12.3407063559333 V3=0 T=0 M2=0 M3=-49.8276647525083 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR094 CaseType=Combination P=-21.4790725164407 V2=-7.66129823232689 V3=0 T=0 M2=0 M3=-54.0876464849966 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR094 CaseType=Combination P=-21.4790725164407 V2=-5.31754823232689 V3=0 T=0 M2=0 M3=-51.654112772874 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR095 CaseType=Combination P=-29.6689607471403 V2=-14.6890323142952 V3=0 T=0 M2=0 M3=-53.2804102088857 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR095 CaseType=Combination P=-29.6689607471403 V2=-12.3452823142952 V3=0 T=0 M2=0 M3=-48.211476216025 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR096 CaseType=Combination P=-25.3972758514355 V2=-1.15462709376346 V3=0 T=0 M2=0 M3=-27.918380159067 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR096 CaseType=Combination P=-25.3972758514355 V2=-1.18912290623654 V3=0 T=0 M2=0 M3=-27.9248481239057 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR097 CaseType=Combination P=-33.5871640821351 V2=-8.18236117573179 V3=0 T=0 M2=0 M3=-27.1111438829561 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR097 CaseType=Combination P=-33.5871640821351 V2=-5.83861117573179 V3=0 T=0 M2=0 M3=-24.4822115670567 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR098 CaseType=Combination P=-13.2962608221252 V2=-9.97432775014606 V3=0 T=0 M2=0 M3=-30.541489353981 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR098 CaseType=Combination P=-13.2962608221252 V2=-7.63057775014606 V3=0 T=0 M2=0 M3=-27.2405695726762 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR099 CaseType=Combination P=-8.53109267042496 V2=-18.2897968348588 V3=0 T=0 M2=0 M3=-65.347252005428 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR099 CaseType=Combination P=-8.53109267042496 V2=-15.9460468348588 V3=0 T=0 M2=0 M3=-58.928031317356 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR100 CaseType=Combination P=-18.294091398914 V2=-9.74095534559144 V3=0 T=0 M2=0 M3=-64.3756657666881 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR100 CaseType=Combination P=-18.294091398914 V2=-7.39720534559144 V3=0 T=0 M2=0 M3=-61.1622606370913 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR101 CaseType=Combination P=-28.057090130197 V2=-18.2953044393923 V3=0 T=0 M2=0 M3=-63.4040795277963 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR101 CaseType=Combination P=-28.057090130197 V2=-15.9515544393923 V3=0 T=0 M2=0 M3=-56.9827934880242 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR102 CaseType=Combination P=-23.5183625122404 V2=-1.06539382750686 V3=0 T=0 M2=0 M3=-29.4833106654487 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR102 CaseType=Combination P=-23.5183625122404 V2=-1.27835617249314 V3=0 T=0 M2=0 M3=-29.5232411051336 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR103 CaseType=Combination P=-33.2813612435234 V2=-9.61974292130772 V3=0 T=0 M2=0 M3=-28.5117244265569 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR103 CaseType=Combination P=-33.2813612435234 V2=-7.27599292130772 V3=0 T=0 M2=0 M3=-25.3437739560665 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR104 CaseType=Combination P=-18.0270486765457 V2=-2.22321239420689 V3=0 T=0 M2=0 M3=-55.8169269542126 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR104 CaseType=Combination P=-18.0270486765457 V2=-0.120537605793105 V3=0 T=0 M2=0 M3=-55.422675431385 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR105 CaseType=Combination P=-9.37805748713039 V2=-16.4809988887095 V3=0 T=0 M2=0 M3=-56.7107556799105 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR105 CaseType=Combination P=-9.37805748713039 V2=-14.1372488887095 V3=0 T=0 M2=0 M3=-50.9698342216445 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR106 CaseType=Combination P=-17.5679457155017 V2=-9.45784076510305 V3=0 T=0 M2=0 M3=-55.9035194039238 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR106 CaseType=Combination P=-17.5679457155017 V2=-7.11409076510305 V3=0 T=0 M2=0 M3=-52.7962822420102 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR107 CaseType=Combination P=-25.7578339462012 V2=-16.4855748470714 V3=0 T=0 M2=0 M3=-55.096283127813 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR107 CaseType=Combination P=-25.7578339462012 V2=-14.1418248470714 V3=0 T=0 M2=0 M3=-49.3536456851612 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR108 CaseType=Combination P=-21.4861490504964 V2=-2.95116962653962 V3=0 T=0 M2=0 M3=-29.7342530779942 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR108 CaseType=Combination P=-21.4861490504964 V2=-0.60741962653962 V3=0 T=0 M2=0 M3=-29.0670175930419 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR109 CaseType=Combination P=-29.676037281196 V2=-9.97890370850795 V3=0 T=0 M2=0 M3=-28.9270168018834 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR109 CaseType=Combination P=-29.676037281196 V2=-7.63515370850795 V3=0 T=0 M2=0 M3=-25.6243810361929 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR110 CaseType=Combination P=-11.7337734016143 V2=-9.97053700151653 V3=0 T=0 M2=0 M3=-31.8789271392474 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR110 CaseType=Combination P=-11.7337734016143 V2=-7.62678700151653 V3=0 T=0 M2=0 M3=-28.5794288886787 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR111 CaseType=Combination P=-7.8155700666195 V2=-16.47720814008 V3=0 T=0 M2=0 M3=-58.048193465177 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR111 CaseType=Combination P=-7.8155700666195 V2=-14.13345814008 V3=0 T=0 M2=0 M3=-52.308693537647 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR112 CaseType=Combination P=-16.0054582949908 V2=-9.45405001647352 V3=0 T=0 M2=0 M3=-57.2409571891902 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR112 CaseType=Combination P=-16.0054582949908 V2=-7.11030001647352 V3=0 T=0 M2=0 M3=-54.1351415580127 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR113 CaseType=Combination P=-24.1953465256903 V2=-16.4817840984419 V3=0 T=0 M2=0 M3=-56.4337209130794 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR113 CaseType=Combination P=-24.1953465256903 V2=-14.1380340984419 V3=0 T=0 M2=0 M3=-50.6925050011637 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR114 CaseType=Combination P=-19.9236616299855 V2=-2.94737887791009 V3=0 T=0 M2=0 M3=-31.0716908632607 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR114 CaseType=Combination P=-19.9236616299855 V2=-0.603628877910091 V3=0 T=0 M2=0 M3=-30.4058769090444 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR115 CaseType=Combination P=-28.1135498606851 V2=-9.97511295987842 V3=0 T=0 M2=0 M3=-30.2644545871498 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR115 CaseType=Combination P=-28.1135498606851 V2=-7.63136295987842 V3=0 T=0 M2=0 M3=-26.9632403521954 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR116 CaseType=Combination P=-14.8587482426361 V2=-9.97811849877559 V3=0 T=0 M2=0 M3=-29.2040515687145 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR116 CaseType=Combination P=-14.8587482426361 V2=-7.63436849877559 V3=0 T=0 M2=0 M3=-25.9017102566737 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR117 CaseType=Combination P=-10.9405449076413 V2=-16.484789637339 V3=0 T=0 M2=0 M3=-55.3733178946441 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR117 CaseType=Combination P=-10.9405449076413 V2=-14.141039637339 V3=0 T=0 M2=0 M3=-49.630974905642 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR118 CaseType=Combination P=-19.1304331360125 V2=-9.46163151373258 V3=0 T=0 M2=0 M3=-54.5660816186574 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR118 CaseType=Combination P=-19.1304331360125 V2=-7.11788151373258 V3=0 T=0 M2=0 M3=-51.4574229260077 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR119 CaseType=Combination P=-27.3203213667121 V2=-16.4893655957009 V3=0 T=0 M2=0 M3=-53.7588453425465 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR119 CaseType=Combination P=-27.3203213667121 V2=-14.1456155957009 V3=0 T=0 M2=0 M3=-48.0147863691587 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR120 CaseType=Combination P=-23.0486364710073 V2=-2.95496037516915 V3=0 T=0 M2=0 M3=-28.3968152927278 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR120 CaseType=Combination P=-23.0486364710073 V2=-0.61121037516915 V3=0 T=0 M2=0 M3=-27.7281582770394 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR121 CaseType=Combination P=-31.2385247017069 V2=-9.98269445713748 V3=0 T=0 M2=0 M3=-27.5895790166169 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR121 CaseType=Combination P=-31.2385247017069 V2=-7.63894445713748 V3=0 T=0 M2=0 M3=-24.2855217201904 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR122 CaseType=Combination P=-14.9118728149334 V2=-9.97824738422898 V3=0 T=0 M2=0 M3=-29.1585786840155 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR122 CaseType=Combination P=-14.9118728149334 V2=-7.63449738422898 V3=0 T=0 M2=0 M3=-25.8561890399296 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR123 CaseType=Combination P=-10.9936694799386 V2=-16.4849185227924 V3=0 T=0 M2=0 M3=-55.327845009945 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR123 CaseType=Combination P=-10.9936694799386 V2=-14.1411685227924 V3=0 T=0 M2=0 M3=-49.585453688979 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR124 CaseType=Combination P=-19.1835577083099 V2=-9.46176039918598 V3=0 T=0 M2=0 M3=-54.5206087339583 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR124 CaseType=Combination P=-19.1835577083099 V2=-7.11801039918598 V3=0 T=0 M2=0 M3=-51.4119017092636 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR125 CaseType=Combination P=-27.3734459390095 V2=-16.4894944811543 V3=0 T=0 M2=0 M3=-53.7133724578475 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR125 CaseType=Combination P=-27.3734459390095 V2=-14.1457444811543 V3=0 T=0 M2=0 M3=-47.9692651524146 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR126 CaseType=Combination P=-23.1017610433047 V2=-2.95508926062254 V3=0 T=0 M2=0 M3=-28.3513424080287 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR126 CaseType=Combination P=-23.1017610433047 V2=-0.611339260622543 V3=0 T=0 M2=0 M3=-27.6826370602953 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR127 CaseType=Combination P=-31.2916492740043 V2=-9.98282334259088 V3=0 T=0 M2=0 M3=-27.5441061319179 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR127 CaseType=Combination P=-31.2916492740043 V2=-7.63907334259088 V3=0 T=0 M2=0 M3=-24.240005034463 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR128 CaseType=Combination P=-17.136704880871 V2=-9.08062939018805 V3=0 T=0 M2=0 M3=-28.0201571128909 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR128 CaseType=Combination P=-17.136704880871 V2=-6.73687939018805 V3=0 T=0 M2=0 M3=-25.0543742165704 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR129 CaseType=Combination P=-10.8353591056725 V2=-17.753577818884 V3=0 T=0 M2=0 M3=-63.834452660774 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR129 CaseType=Combination P=-10.8353591056725 V2=-15.409827818884 V3=0 T=0 M2=0 M3=-57.6163141036925 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR130 CaseType=Combination P=-20.5983578341615 V2=-9.20473632961664 V3=0 T=0 M2=0 M3=-62.8628664220341 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR130 CaseType=Combination P=-20.5983578341615 V2=-6.86098632961664 V3=0 T=0 M2=0 M3=-59.8505434234279 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR131 CaseType=Combination P=-30.3613565654445 V2=-17.7590854234175 V3=0 T=0 M2=0 M3=-61.8912801831423 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR131 CaseType=Combination P=-30.3613565654445 V2=-15.4153354234175 V3=0 T=0 M2=0 M3=-55.6710762743608 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR132 CaseType=Combination P=-25.8226289474879 V2=-0.529174811532062 V3=0 T=0 M2=0 M3=-27.9705113207947 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR132 CaseType=Combination P=-25.8226289474879 V2=1.81457518846794 V3=0 T=0 M2=0 M3=-28.2115238914701 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR133 CaseType=Combination P=-35.5856276787709 V2=-9.08352390533291 V3=0 T=0 M2=0 M3=-26.9989250819029 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR133 CaseType=Combination P=-35.5856276787709 V2=-6.73977390533291 V3=0 T=0 M2=0 M3=-24.032056742403 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR134 CaseType=Combination P=-20.3313151117932 V2=-1.68699337823209 V3=0 T=0 M2=0 M3=-54.3041276095586 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR134 CaseType=Combination P=-20.3313151117932 V2=0.656756621767909 V3=0 T=0 M2=0 M3=-54.1109582177216 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR135 CaseType=Combination P=-13.2185015458762 V2=-15.5873005287515 V3=0 T=0 M2=0 M3=-54.1894234388205 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR135 CaseType=Combination P=-13.2185015458762 V2=-13.2435505287515 V3=0 T=0 M2=0 M3=-48.7836388655387 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR136 CaseType=Combination P=-21.4083897742475 V2=-8.56414240514505 V3=0 T=0 M2=0 M3=-53.3821871628338 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR136 CaseType=Combination P=-21.4083897742475 V2=-6.22039240514505 V3=0 T=0 M2=0 M3=-50.6100868859044 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR137 CaseType=Combination P=-29.5982780049471 V2=-15.5918764871134 V3=0 T=0 M2=0 M3=-52.5749508867229 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR137 CaseType=Combination P=-29.5982780049471 V2=-13.2481264871134 V3=0 T=0 M2=0 M3=-47.1674503290554 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR138 CaseType=Combination P=-25.3265931092423 V2=-2.05747126658162 V3=0 T=0 M2=0 M3=-27.2129208369042 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR138 CaseType=Combination P=-25.3265931092423 V2=0.286278733418385 V3=0 T=0 M2=0 M3=-26.8808222369361 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR139 CaseType=Combination P=-33.5164813399419 V2=-9.08520534854995 V3=0 T=0 M2=0 M3=-26.4056845607934 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR139 CaseType=Combination P=-33.5164813399419 V2=-6.74145534854995 V3=0 T=0 M2=0 M3=-23.4381856800871 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR140 CaseType=Combination P=-15.5742174603601 V2=-9.07683864155852 V3=0 T=0 M2=0 M3=-29.3575948981574 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR140 CaseType=Combination P=-15.5742174603601 V2=-6.73308864155852 V3=0 T=0 M2=0 M3=-26.3932335325729 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR141 CaseType=Combination P=-11.6560141253653 V2=-15.583509780122 V3=0 T=0 M2=0 M3=-55.5268612240869 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR141 CaseType=Combination P=-11.6560141253653 V2=-13.239759780122 V3=0 T=0 M2=0 M3=-50.1224981815412 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR142 CaseType=Combination P=-19.8459023537366 V2=-8.56035165651552 V3=0 T=0 M2=0 M3=-54.7196249481002 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR142 CaseType=Combination P=-19.8459023537366 V2=-6.21660165651552 V3=0 T=0 M2=0 M3=-51.9489462019069 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR143 CaseType=Combination P=-28.0357905844362 V2=-15.5880857384839 V3=0 T=0 M2=0 M3=-53.9123886719894 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR143 CaseType=Combination P=-28.0357905844362 V2=-13.2443357384839 V3=0 T=0 M2=0 M3=-48.5063096450579 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR144 CaseType=Combination P=-23.7641056887314 V2=-2.05368051795209 V3=0 T=0 M2=0 M3=-28.5503586221706 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR144 CaseType=Combination P=-23.7641056887314 V2=0.290069482047915 V3=0 T=0 M2=0 M3=-28.2196815529386 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR145 CaseType=Combination P=-31.953993919431 V2=-9.08141459992042 V3=0 T=0 M2=0 M3=-27.7431223460598 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR145 CaseType=Combination P=-31.953993919431 V2=-6.73766459992042 V3=0 T=0 M2=0 M3=-24.7770449960896 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR146 CaseType=Combination P=-18.6991923013819 V2=-9.08442013881758 V3=0 T=0 M2=0 M3=-26.6827193276245 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR146 CaseType=Combination P=-18.6991923013819 V2=-6.74067013881758 V3=0 T=0 M2=0 M3=-23.7155149005679 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR147 CaseType=Combination P=-14.7809889663871 V2=-15.591091277381 V3=0 T=0 M2=0 M3=-52.8519856535541 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR147 CaseType=Combination P=-14.7809889663871 V2=-13.247341277381 V3=0 T=0 M2=0 M3=-47.4447795495362 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR148 CaseType=Combination P=-22.9708771947584 V2=-8.56793315377458 V3=0 T=0 M2=0 M3=-52.0447493775673 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR148 CaseType=Combination P=-22.9708771947584 V2=-6.22418315377458 V3=0 T=0 M2=0 M3=-49.2712275699019 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR149 CaseType=Combination P=-31.160765425458 V2=-15.5956672357429 V3=0 T=0 M2=0 M3=-51.2375131014565 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR149 CaseType=Combination P=-31.160765425458 V2=-13.2519172357429 V3=0 T=0 M2=0 M3=-45.8285910130529 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR150 CaseType=Combination P=-26.8890805297532 V2=-2.06126201521114 V3=0 T=0 M2=0 M3=-25.8754830516378 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR150 CaseType=Combination P=-26.8890805297532 V2=0.282487984788855 V3=0 T=0 M2=0 M3=-25.5419629209336 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR151 CaseType=Combination P=-35.0789687604527 V2=-9.08899609717948 V3=0 T=0 M2=0 M3=-25.0682467755269 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR151 CaseType=Combination P=-35.0789687604527 V2=-6.74524609717948 V3=0 T=0 M2=0 M3=-22.0993263640846 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR152 CaseType=Combination P=-17.8253593233102 V2=-8.54049074013033 V3=0 T=0 M2=0 M3=-27.8902684382024 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR152 CaseType=Combination P=-17.8253593233102 V2=-6.19674074013033 V3=0 T=0 M2=0 M3=-25.12703735356535 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR153 CaseType=Combination P=-13.9071559883155 V2=-15.0471618786938 V3=0 T=0 M2=0 M3=-54.059534764132 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR153 CaseType=Combination P=-13.9071559883155 V2=-12.7034118786938 V3=0 T=0 M2=0 M3=-48.8563021846218 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR154 CaseType=Combination P=-22.0970442166867 V2=-8.02400375508732 V3=0 T=0 M2=0 M3=-53.2522984881453 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR154 CaseType=Combination P=-22.0970442166867 V2=-5.68025375508732 V3=0 T=0 M2=0 M3=-50.6827502049875 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR155 CaseType=Combination P=-30.2869324473863 V2=-15.0517378370557 V3=0 T=0 M2=0 M3=-52.4450622120344 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR155 CaseType=Combination P=-30.2869324473863 V2=-12.7079878370557 V3=0 T=0 M2=0 M3=-47.2401136481385 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR156 CaseType=Combination P=-26.0152475516815 V2=-1.51733261652389 V3=0 T=0 M2=0 M3=-27.0830321622157 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR156 CaseType=Combination P=-26.0152475516815 V2=0.82641738347611 V3=0 T=0 M2=0 M3=-26.9534855560192 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR157 CaseType=Combination P=-34.2051357823811 V2=-8.54506669849222 V3=0 T=0 M2=0 M3=-26.2757953861048 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR157 CaseType=Combination P=-34.2051357823811 V2=-6.20131669849222 V3=0 T=0 M2=0 M3=-23.5108489991702 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=RAR158 CaseType=Combination P=-16.4480504384318 V2=-9.62076804024578 V3=0 T=0 M2=0 M3=-28.1500457875794 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR158 CaseType=Combination P=-16.4480504384318 V2=-7.27701804024578 V3=0 T=0 M2=0 M3=-24.9817108974873 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR159 CaseType=Combination P=-12.529847103437 V2=-16.1274391788092 V3=0 T=0 M2=0 M3=-54.319312113509 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR159 CaseType=Combination P=-12.529847103437 V2=-13.7836891788092 V3=0 T=0 M2=0 M3=-48.7109755646556 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR160 CaseType=Combination P=-20.7197353318083 V2=-9.10428105520277 V3=0 T=0 M2=0 M3=-53.5120758375223 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR160 CaseType=Combination P=-20.7197353318083 V2=-6.76053105520277 V3=0 T=0 M2=0 M3=-50.5374235668213 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR161 CaseType=Combination P=-28.9096235625078 V2=-16.1320151371711 V3=0 T=0 M2=0 M3=-52.7048395614115 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR161 CaseType=Combination P=-28.9096235625078 V2=-13.7882651371711 V3=0 T=0 M2=0 M3=-47.0947870099723 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR162 CaseType=Combination P=-24.637938666803 V2=-2.59760991663934 V3=0 T=0 M2=0 M3=-27.3428095115927 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR162 CaseType=Combination P=-24.637938666803 V2=-0.25385991663934 V3=0 T=0 M2=0 M3=-26.808158917853 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=RAR163 CaseType=Combination P=-32.8278268975026 V2=-9.62534399860767 V3=0 T=0 M2=0 M3=-26.5355732354819 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=RAR163 CaseType=Combination P=-32.8278268975026 V2=-7.28159399860767 V3=0 T=0 M2=0 M3=-23.365522361004 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474790507 V2=1.48834726085859E-02 V3=0 T=0 M2=0 M3=-25.0682467755269 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Max P=-7.23301474790507 V2=2.35863347260859 V3=0 T=0 M2=0 M3=-22.0993263640846 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276787709 V2=-18.2953044393923 V3=0 T=0 M2=0 M3=-66.5548011160059 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVRAR CaseType=Combination StepType=Min P=-35.5856276787709 V2=-15.9515544393923 V3=0 T=0 M2=0 M3=-62.573783272177 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE01 CaseType=Combination P=-21.3851316831579 V2=-9.07587768656367 V3=0 T=0 M2=0 M3=-29.6966354540049 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE01 CaseType=Combination P=-21.3851316831579 V2=-6.73212768656367 V3=0 T=0 M2=0 M3=-26.7326344465435 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE02 CaseType=Combination P=-10.5258148911958 V2=-15.5807678052799 V3=0 T=0 M2=0 M3=-56.4942745554297 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE02 CaseType=Combination P=-10.5258148911958 V2=-13.2370178052799 V3=0 T=0 M2=0 M3=-51.0909397534497 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE03 CaseType=Combination P=-18.7157031195671 V2=-8.55760968167351 V3=0 T=0 M2=0 M3=-55.6870382794429 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE03 CaseType=Combination P=-18.7157031195671 V2=-6.21385968167351 V3=0 T=0 M2=0 M3=-52.917387738154 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE04 CaseType=Combination P=-26.9055913502666 V2=-15.5853473636418 V3=0 T=0 M2=0 M3=-54.8798020033321 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE04 CaseType=Combination P=-26.9055913502666 V2=-13.2415937636418 V3=0 T=0 M2=0 M3=-49.4747512169664 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE05 CaseType=Combination P=-22.6339064545618 V2=-2.05093854311008 V3=0 T=0 M2=0 M3=-29.5177719535133 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE05 CaseType=Combination P=-22.6339064545618 V2=0.292811456889922 V3=0 T=0 M2=0 M3=-29.1881231248471 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE06 CaseType=Combination P=-30.8237946852614 V2=-9.07867262507841 V3=0 T=0 M2=0 M3=-28.7105356774025 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE06 CaseType=Combination P=-30.8237946852614 V2=-6.73492262507841 V3=0 T=0 M2=0 M3=-25.7454865679981 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE07 CaseType=Combination P=-12.8815308056797 V2=-9.07030591808698 V3=0 T=0 M2=0 M3=-31.6624460147665 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE07 CaseType=Combination P=-12.8815308056797 V2=-6.72655591808698 V3=0 T=0 M2=0 M3=-28.7005344204839 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE08 CaseType=Combination P=-9.22374204077005 V2=-15.5776088480887 V3=0 T=0 M2=0 M3=-57.6088060431517 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE08 CaseType=Combination P=-9.22374204077005 V2=-13.2338588480887 V3=0 T=0 M2=0 M3=-52.2066558501184 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE09 CaseType=Combination P=-17.4136302691413 V2=-8.55445072448224 V3=0 T=0 M2=0 M3=-56.801569767165 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE09 CaseType=Combination P=-17.4136302691413 V2=-6.21070072448224 V3=0 T=0 M2=0 M3=-54.0331038704841 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE10 CaseType=Combination P=-25.6035184998409 V2=-15.5821848064506 V3=0 T=0 M2=0 M3=-55.9943334910541 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE10 CaseType=Combination P=-25.6035184998409 V2=-13.2384348064506 V3=0 T=0 M2=0 M3=-50.5904673136352 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE11 CaseType=Combination P=-21.3318336041361 V2=-2.0477795859188 V3=0 T=0 M2=0 M3=-30.6323034412354 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE11 CaseType=Combination P=-21.3318336041361 V2=0.295970414081197 V3=0 T=0 M2=0 M3=-30.3038392215158 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE12 CaseType=Combination P=-29.5217218348357 V2=-9.07551366788714 V3=0 T=0 M2=0 M3=-29.8250671651245 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE12 CaseType=Combination P=-29.5217218348357 V2=-6.73176366788714 V3=0 T=0 M2=0 M3=-26.8612026646669 FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=FRE13 CaseType=Combination P=-13.4554095077124 V2=-8.62019037637221 V3=0 T=0 M2=0 M3=-31.5542054525261 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE13 CaseType=Combination P=-13.4554095077124 V2=-6.27644037637221 V3=0 T=0 M2=0 M3=-28.7610871863865 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE14 CaseType=Combination P=-12.307652103647 V2=-9.52042145980175 V3=0 T=0 M2=0 M3=-31.7706865770069 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE14 CaseType=Combination P=-12.307652103647 V2=-7.17667145980176 V3=0 T=0 M2=0 M3=-28.6399816545813 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE15 CaseType=Combination P=-14.2278741330199 V2=-9.07357227982275 V3=0 T=0 M2=0 M3=-30.5100204564619 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE15 CaseType=Combination P=-14.2278741330199 V2=-6.72982227982275 V3=0 T=0 M2=0 M3=-27.5468839765284 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE16 CaseType=Combination P=-16.0065056467015 V2=-9.07788741534604 V3=0 T=0 M2=0 M3=-28.9875704442336 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE16 CaseType=Combination P=-16.0065056467015 V2=-6.73413741534604 V3=0 T=0 M2=0 M3=-26.0228157884789 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE17 CaseType=Combination P=-11.8278877416215 V2=-15.5839267624712 V3=0 T=0 M2=0 M3=-55.3797430677076 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE17 CaseType=Combination P=-11.8278877416215 V2=-13.2401767624712 V3=0 T=0 M2=0 M3=-49.9752236567809 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE18 CaseType=Combination P=-20.0177759699928 V2=-8.56076863886479 V3=0 T=0 M2=0 M3=-54.5725067917209 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE18 CaseType=Combination P=-20.0177759699928 V2=-6.21701863886479 V3=0 T=0 M2=0 M3=-51.8016716771466 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE19 CaseType=Combination P=-28.2076642006924 V2=-15.5885027208331 V3=0 T=0 M2=0 M3=-53.7652705156101 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE19 CaseType=Combination P=-28.2076642006924 V2=-13.2447527208331 V3=0 T=0 M2=0 M3=-48.3590351202976 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE20 CaseType=Combination P=-23.9359793049876 V2=-2.0540975003135 V3=0 T=0 M2=0 M3=-28.4032404657913 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE20 CaseType=Combination P=-23.9359793049876 V2=0.289652499698647 V3=0 T=0 M2=0 M3=-28.0724070281783 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE21 CaseType=Combination P=-32.1258675356872 V2=-9.08183158226969 V3=0 T=0 M2=0 M3=-27.5960041896805 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE21 CaseType=Combination P=-32.1258675356872 V2=-6.73808158226969 V3=0 T=0 M2=0 M3=-24.6297704713293 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE22 CaseType=Combination P=-16.5803843487342 V2=-8.62777187363127 V3=0 T=0 M2=0 M3=-28.8793298819932 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE22 CaseType=Combination P=-16.5803843487342 V2=-6.28402187363127 V3=0 T=0 M2=0 M3=-26.0833685543815 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE23 CaseType=Combination P=-15.4326269446688 V2=-9.52800295706082 V3=0 T=0 M2=0 M3=-29.0958110064741 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE23 CaseType=Combination P=-15.4326269446688 V2=-7.18425295706081 V3=0 T=0 M2=0 M3=-25.9622630225763 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE24 CaseType=Combination P=-17.3528489740417 V2=-9.08115377708181 V3=0 T=0 M2=0 M3=-27.8351448859291 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE24 CaseType=Combination P=-17.3528489740417 V2=-6.73740377708181 V3=0 T=0 M2=0 M3=-24.8691653445234 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE25 CaseType=Combination P=-15.1326726686298 V2=-8.53395801665879 V3=0 T=0 M2=0 M3=-30.1951195548115 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE25 CaseType=Combination P=-15.1326726686298 V2=-6.19020801665879 V3=0 T=0 M2=0 M3=-27.4343384235645 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE26 CaseType=Combination P=-11.0996935932285 V2=-15.1306522635652 V3=0 T=0 M2=0 M3=-56.3860339931892 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE26 CaseType=Combination P=-11.0996935932285 V2=-12.7869022635652 V3=0 T=0 M2=0 M3=-51.1514925193523 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE27 CaseType=Combination P=-19.2895818215998 V2=-8.10749413995874 V3=0 T=0 M2=0 M3=-55.578977172025 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE27 CaseType=Combination P=-19.2895818215998 V2=-5.76374413995874 V3=0 T=0 M2=0 M3=-52.977940539718 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE28 CaseType=Combination P=-27.4794700522994 V2=-15.1352282219271 V3=0 T=0 M2=0 M3=-54.7715614410916 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE28 CaseType=Combination P=-27.4794700522994 V2=-12.7914782219271 V3=0 T=0 M2=0 M3=-49.535303982869 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE29 CaseType=Combination P=-23.2077851565946 V2=-1.60082300139531 V3=0 T=0 M2=0 M3=-29.4095313912729 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE29 CaseType=Combination P=-23.2077851565946 V2=0.742926998604693 V3=0 T=0 M2=0 M3=-29.2486758907497 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE30 CaseType=Combination P=-31.3976733872941 V2=-6.2885708336364 V3=0 T=0 M2=0 M3=-28.6022951151621 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE30 CaseType=Combination P=-31.3976733872941 V2=-6.28480708336364 V3=0 T=0 M2=0 M3=-25.806039339007 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE31 CaseType=Combination P=-13.8305998182041 V2=-8.53079905946751 V3=0 T=0 M2=0 M3=-31.3096510425336 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE31 CaseType=Combination P=-13.8305998182041 V2=-6.18704905946751 V3=0 T=0 M2=0 M3=-28.5500545202333 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE32 CaseType=Combination P=-16.4347455190556 V2=-8.53711697385006 V3=0 T=0 M2=0 M3=-29.080580670895 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE32 CaseType=Combination P=-16.4347455190556 V2=-6.19336697385006 V3=0 T=0 M2=0 M3=-26.3186223268957 FrameElem=46-1  
ElemStation=0.375

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Frame=46 Station=0 OutputCase=FRE33 CaseType=Combination P=-16.47901599597 V2=-8.53722437839456 V3=0 T=0 M2=0 M3=-29.042693996507 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE33 CaseType=Combination P=-16.47901599597 V2=-6.19347437839456 V3=0 T=0 M2=0 M3=-26.280687979609 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE34 CaseType=Combination P=-13.7553637837513 V2=-9.61423531677424 V3=0 T=0 M2=0 M3=-30.4548969041886 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE34 CaseType=Combination P=-13.7553637837513 V2=-7.27048531677424 V3=0 T=0 M2=0 M3=-27.2890117853983 FrameElem=46-1 ElemStation=0.375  
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Frame=46 Station=0.375 OutputCase=FRE35 CaseType=Combination P=-9.95193618916309 V2=-13.6871333469947 V3=0 T=0 M2=0 M3=-51.0303869875471 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE36 CaseType=Combination P=-18.1418244175344 V2=-9.00772522338828 V3=0 T=0 M2=0 M3=-55.7952788416834 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE36 CaseType=Combination P=-18.1418244175344 V2=-6.66397522338828 V3=0 T=0 M2=0 M3=-52.8568350079128 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE37 CaseType=Combination P=-26.3317126482339 V2=-16.034593053566 V3=0 T=0 M2=0 M3=-54.9880425655725 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE37 CaseType=Combination P=-26.3317126482339 V2=-13.6917093053566 V3=0 T=0 M2=0 M3=-49.4141984510638 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE38 CaseType=Combination P=-22.0600277525291 V2=-2.50105408482485 V3=0 T=0 M2=0 M3=-29.6260125157538 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE38 CaseType=Combination P=-22.0600277525291 V2=-0.157304084824849 V3=0 T=0 M2=0 M3=-29.1275703589445 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE39 CaseType=Combination P=-30.2499159832287 V2=-9.52878816679318 V3=0 T=0 M2=0 M3=-28.8187762396429 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE39 CaseType=Combination P=-30.2499159832287 V2=-7.18503816679318 V3=0 T=0 M2=0 M3=-25.6849338020955 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE40 CaseType=Combination P=-12.4532909333256 V2=-9.61107635958296 V3=0 T=0 M2=0 M3=-31.5694283919106 FrameElem=46-1 ElemStation=0  
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Frame=46 Station=0 OutputCase=FRE41 CaseType=Combination P=-15.0574366341771 V2=-9.61739427396551 V3=0 T=0 M2=0 M3=-29.3403654164666 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE41 CaseType=Combination P=-15.0574366341771 V2=-7.27364427396551 V3=0 T=0 M2=0 M3=-26.1732956887295 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE42 CaseType=Combination P=-15.1017071110915 V2=-9.61750167851001 V3=0 T=0 M2=0 M3=-29.302471345884 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE42 CaseType=Combination P=-15.1017071110915 V2=-7.27375167851001 V3=0 T=0 M2=0 M3=-26.1353613414428 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE43 CaseType=Combination P=-16.0596302189988 V2=-9.07801630079944 V3=0 T=0 M2=0 M3=-28.9420975595346 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE43 CaseType=Combination P=-16.0596302189988 V2=-6.73426630079944 V3=0 T=0 M2=0 M3=-25.9772945717348 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE44 CaseType=Combination P=-11.872158218536 V2=-15.5840341670157 V3=0 T=0 M2=0 M3=-55.3418489971251 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE44 CaseType=Combination P=-11.872158218536 V2=-13.2402841670157 V3=0 T=0 M2=0 M3=-49.9372893094942 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE45 CaseType=Combination P=-20.0620464469073 V2=-8.56087604340928 V3=0 T=0 M2=0 M3=-54.5346127211384 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE45 CaseType=Combination P=-20.0620464469073 V2=-6.21712604340928 V3=0 T=0 M2=0 M3=-51.7637373298599 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE46 CaseType=Combination P=-28.2519346776069 V2=-15.5886101253776 V3=0 T=0 M2=0 M3=-53.7273764450275 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE46 CaseType=Combination P=-28.2519346776069 V2=-13.2448601253776 V3=0 T=0 M2=0 M3=-48.3211007730109 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE47 CaseType=Combination P=-23.9802497819021 V2=-2.05420490484585 V3=0 T=0 M2=0 M3=-28.3653463952088 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE47 CaseType=Combination P=-23.9802497819021 V2=0.289545095154153 V3=0 T=0 M2=0 M3=-28.0344726808916 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE48 CaseType=Combination P=-32.1701380126016 V2=-9.08193898681418 V3=0 T=0 M2=0 M3=-27.5581101190979 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE48 CaseType=Combination P=-32.1701380126016 V2=-6.73818898681418 V3=0 T=0 M2=0 M3=-24.5918361240426 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE49 CaseType=Combination P=-17.3617030694246 V2=-9.08117525799071 V3=0 T=0 M2=0 M3=-27.8275660718125 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE49 CaseType=Combination P=-17.3617030694246 V2=-6.73742525799071 V3=0 T=0 M2=0 M3=-24.861578475066 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE50 CaseType=Combination P=-16.6335089210315 V2=-8.62790075908467 V3=0 T=0 M2=0 M3=-28.8338569972941 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE50 CaseType=Combination P=-16.6335089210315 V2=-6.28415075908466 V3=0 T=0 M2=0 M3=-26.0378473376374 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=FRE51 CaseType=Combination P=-15.4857515169661 V2=-9.52813184251421 V3=0 T=0 M2=0 M3=-29.050338121775 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=FRE51 CaseType=Combination P=-15.4857515169661 V2=-7.18438184251421 V3=0 T=0 M2=0 M3=-25.9167418058322 FrameElem=46-1 ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204077005 V2=-1.60082300139531 V3=0 T=0 M2=0 M3=-27.5581401190979 FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Max P=-9.22374204077005 V2=0.742926998604693 V3=0 T=0 M2=0 M3=-24.5918361240426 FrameElem=46-1 ElemStation=0.375

PROVATO S.D.P.

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Frame=46 Station=0 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380126016 V2=-16.0354593053566 V3=0 T=0 M2=0 M3=-57.6088060431517  
FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVFRE CaseType=Combination StepType=Min P=-32.1701380126016 V2=-13.6917093053566 V3=0 T=0 M2=0 M3=-54.0331038704841 FrameElem=46-1 ElemStation=0.375  
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ElemStation=0  
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ElemStation=0.375  
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ElemStation=0  
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ElemStation=0.375  
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ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE04 CaseType=Combination P=-18.4884536571726 V2=-11.0718701714725 V3=0 T=0 M2=0 M3=-29.9025812794916 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE04 CaseType=Combination P=-18.4884536571726 V2=-8.72812017147252 V3=0 T=0 M2=0 M3=-26.1900830901894 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE05 CaseType=Combination P=-17.3406962531072 V2=-11.9721012549021 V3=0 T=0 M2=0 M3=-30.1190624039725 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE05 CaseType=Combination P=-17.3406962531072 V2=-9.62835125490206 V3=0 T=0 M2=0 M3=-26.0689775583842 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE06 CaseType=Combination P=-19.2609182824801 V2=-11.5252520749231 V3=0 T=0 M2=0 M3=-28.8583962834274 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE06 CaseType=Combination P=-19.2609182824801 V2=-9.18150207492306 V3=0 T=0 M2=0 M3=-24.9758798803313 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE07 CaseType=Combination P=-17.1863808067468 V2=-11.0687112142812 V3=0 T=0 M2=0 M3=-31.0171127627136 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE07 CaseType=Combination P=-17.1863808067468 V2=-8.72496121428125 V3=0 T=0 M2=0 M3=-27.3057991868581 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE08 CaseType=Combination P=-16.0386234026814 V2=-11.9689422977108 V3=0 T=0 M2=0 M3=-31.2335938916945 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE08 CaseType=Combination P=-16.0386234026814 V2=-9.62519229771079 V3=0 T=0 M2=0 M3=-27.1846936550529 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE09 CaseType=Combination P=-17.9588454320544 V2=-11.5220931177318 V3=0 T=0 M2=0 M3=-29.9729277711495 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE09 CaseType=Combination P=-17.9588454320544 V2=-9.17834311773179 V3=0 T=0 M2=0 M3=-26.0915959770001 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE10 CaseType=Combination P=-17.9145749542086 V2=-6.62798864009289 V3=0 T=0 M2=0 M3=-30.0108218417729 FrameElem=46-1  
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Frame=46 Station=0.375 OutputCase=QPE10 CaseType=Combination P=-17.9145749542086 V2=-4.28423864009289 V3=0 T=0 M2=0 M3=-27.9647792267381 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE11 CaseType=Combination P=-16.6125021037828 V2=-6.62482968290162 V3=0 T=0 M2=0 M3=-31.125353329495 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE11 CaseType=Combination P=-16.6125021037828 V2=-4.28107968290162 V3=0 T=0 M2=0 M3=-29.0804953234068 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE12 CaseType=Combination P=-19.2166478046343 V2=-6.63114759728417 V3=0 T=0 M2=0 M3=-28.8962903540509 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE12 CaseType=Combination P=-19.2166478046343 V2=-4.28739759728417 V3=0 T=0 M2=0 M3=-26.8490631300693 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE13 CaseType=Combination P=-18.4884536562413 V2=-6.17787309837812 V3=0 T=0 M2=0 M3=-29.9025812795325 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE13 CaseType=Combination P=-18.4884536562413 V2=-3.83412309837812 V3=0 T=0 M2=0 M3=-28.0253319926407 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE14 CaseType=Combination P=-17.3406962521758 V2=-7.07810418180767 V3=0 T=0 M2=0 M3=-30.1190624040134 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE14 CaseType=Combination P=-17.3406962521758 V2=-4.73435418180767 V3=0 T=0 M2=0 M3=-27.9042264608355 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE15 CaseType=Combination P=-19.2609182815488 V2=-6.63125500182866 V3=0 T=0 M2=0 M3=-28.8583962834683 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE15 CaseType=Combination P=-19.2609182815488 V2=-4.28750500182866 V3=0 T=0 M2=0 M3=-26.8111287827826 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE16 CaseType=Combination P=-17.1863808058155 V2=-6.17471414118685 V3=0 T=0 M2=0 M3=-31.01711276272545 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE16 CaseType=Combination P=-17.1863808058155 V2=-3.83096414118685 V3=0 T=0 M2=0 M3=-29.1410480893094 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE17 CaseType=Combination P=-16.0386234017501 V2=-7.07494522461639 V3=0 T=0 M2=0 M3=-31.2335938917354 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE17 CaseType=Combination P=-16.0386234017501 V2=-4.73119522461639 V3=0 T=0 M2=0 M3=-29.0199425575042 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=QPE18 CaseType=Combination P=-17.958845431123 V2=-6.62809604463739 V3=0 T=0 M2=0 M3=-29.9729277711904 FrameElem=46-1  
ElemStation=0  
Frame=46 Station=0.375 OutputCase=QPE18 CaseType=Combination P=-17.958845431123 V2=-4.28434604463739 V3=0 T=0 M2=0 M3=-27.9268448794514 FrameElem=46-1  
ElemStation=0.375  
Frame=46 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234017501 V2=-6.17471414118685 V3=0 T=0 M2=0 M3=-28.8583962834274  
FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Max P=-16.0386234017501 V2=-3.83096414118685 V3=0 T=0 M2=0 M3=-24.9758798803313  
FrameElem=46-1 ElemStation=0.375

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Frame=46 Station=0 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182824801 V2=-11.9721012549021 V3=0 T=0 M2=0 M3=-31.2335938917354  
FrameElem=46-1 ElemStation=0  
Frame=46 Station=0.375 OutputCase=INVQPE CaseType=Combination StepType=Min P=-19.2609182824801 V2=-9.62835125490206 V3=0 T=0 M2=0 M3=-  
29.1410480893094 FrameElem=46-1 ElemStation=0.375

END TABLE DATA

APPROVATO SDP

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