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GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

S.G.C. E78 GROSSETO–FANO

Tratto Siena Bettolle (A1)

Adeguamento a 4 corsie del tratto Siena–Ruffolo (Lotto 0)

PROGETTO DEFINITIVO

COD. FI-81

R.T.I. di PROGETTAZIONE: Mandataria Mandante

PRO ITER Progetto Infrastrutture Territorio s.r.l. | errevia S.R.L. RICERCA VIABILITÀ AMBIENTE | sinèrgo | DVA DVisionArchitecture

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VISTO: IL RESP. DEL PROCEDIMENTO

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PROTOCOLLO | DATA

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MILANO — DOTT.ING. FORMICHI RICCARDO — Sez.A Settori: a) civile e ambientale b) industriale c) dell'informazione — n°A 18045

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MILANO — DOTT ING ALBERTO RINALDI — Sez. A Settori a) b) c) — n° [illegible]

06 - OPERE D'ARTE

06.02.11 - Viadotto Riluogo carreggiatae Est (VI.07)

Relazione di calcolo impalcato 1

CODICE PROGETTO			NOME FILE	REVISIONE	SCALA
PROGETTO	LIV. PROG.	N. PROG.			
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REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
D					
C					
B					
A	Emissione	Ottobre 2020	CASSANI	MARTIGNONI	RINALDI

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1 PREMESSA

La presente relazione tratta gli aspetti tecnico-stradali legati all'intervento in oggetto che riguarda la progettazione definitiva dell'adeguamento, da due a quattro corsie, del tronco stradale della SS n. 223 "di Paganico" nel tratto compreso tra lo svincolo con la Tangenziale Ovest di Siena (km 63.561 del tratto Grosseto-Siena) e lo svincolo di Ruffolo (km 2.800 del tratto Siena-Bettolle), comprensivo degli svincoli di inizio e fine intervento, al fine di realizzare un'arteria assimilabile ad una strada di tipo extraurbano principale (tipo B, a carreggiate separate – v. D.M. 05/11/2001), garantendo la continuità dell'Itinerario Internazionale E78 – S.G.C. "Grosseto – Fano".

1.1 Descrizione dell'intervento

L'impalcato è realizzato in sezione a cassone mista, composta da n°3 travi in acciaio ad interasse variabile solidarizzate ad una soletta in c.a..
Le travi sono tra loro collegate in direzione trasversale da traversi reticolari nel piano verticale e irrigidite nel piano orizzontale da controventi disposti a "X" sia a livello inferiore che superiore. La sezione risulta pertanto torsiorigida in ogni condizione di costruzione.
L'impalcato, che sostiene una carreggiata stradale di larghezza variabile da 14.42 a 19.10 m, si sviluppa su n°8 luci di 3x35+4x47+35 m e presenta un andamento in curva di raggio 550 m circa su tutte le campate.
Il sistema di vincolo è realizzato in schema tradizionale isostatico con punto fisso sulla pila 4, tutti gli appoggi sono a disco elastomerico confinato in acciaio-teflon con shock transmitter in direzione longitudinale sulle pile.

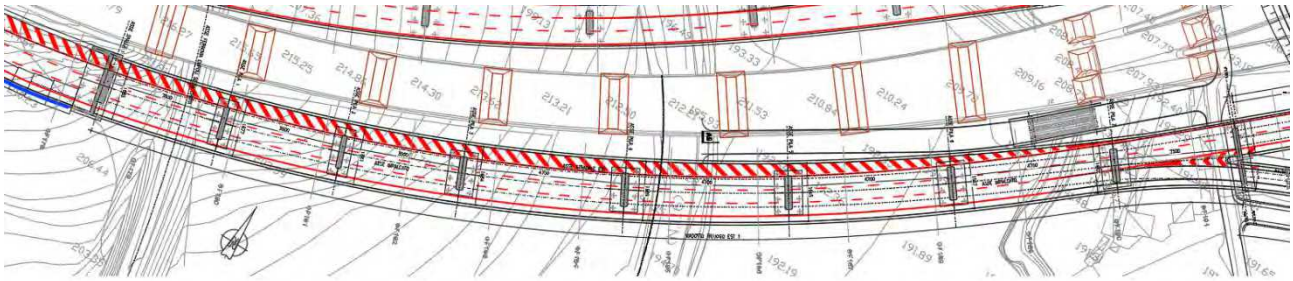

Figura 1: Pianta generale

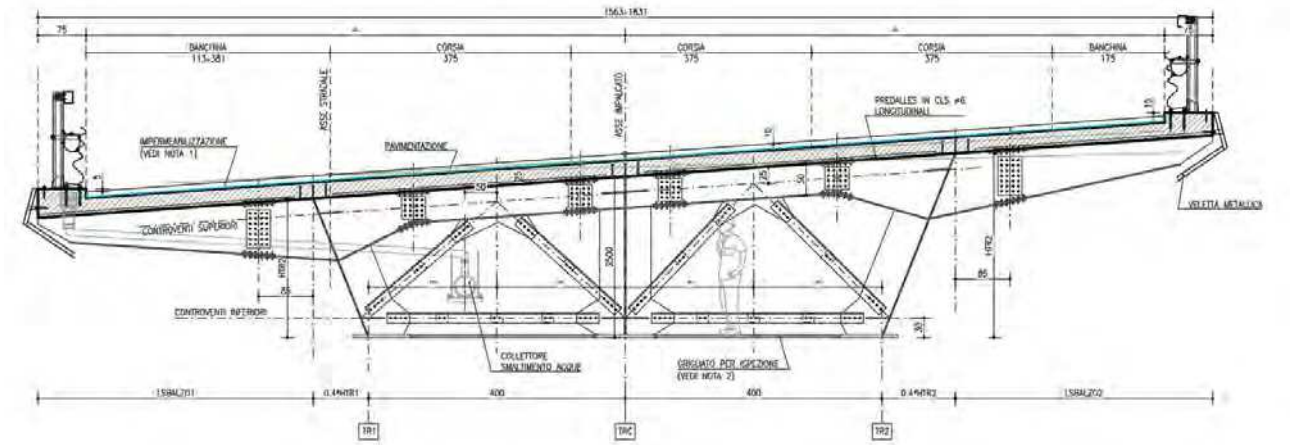

Figura 2: Sezione tipica impalcato

RTP di progettazione: **Mandataria:** **Mandanti:**
PRO ITER Progetto Infrastrutture Territorio s.r.l. · ertevia · sinèrgo · D_VA DVielenArchitetture

1.2 Inquadramento geografico

L'area di intervento è situata nel Comune di Siena in prossimità dello svincolo di Ruffolo.

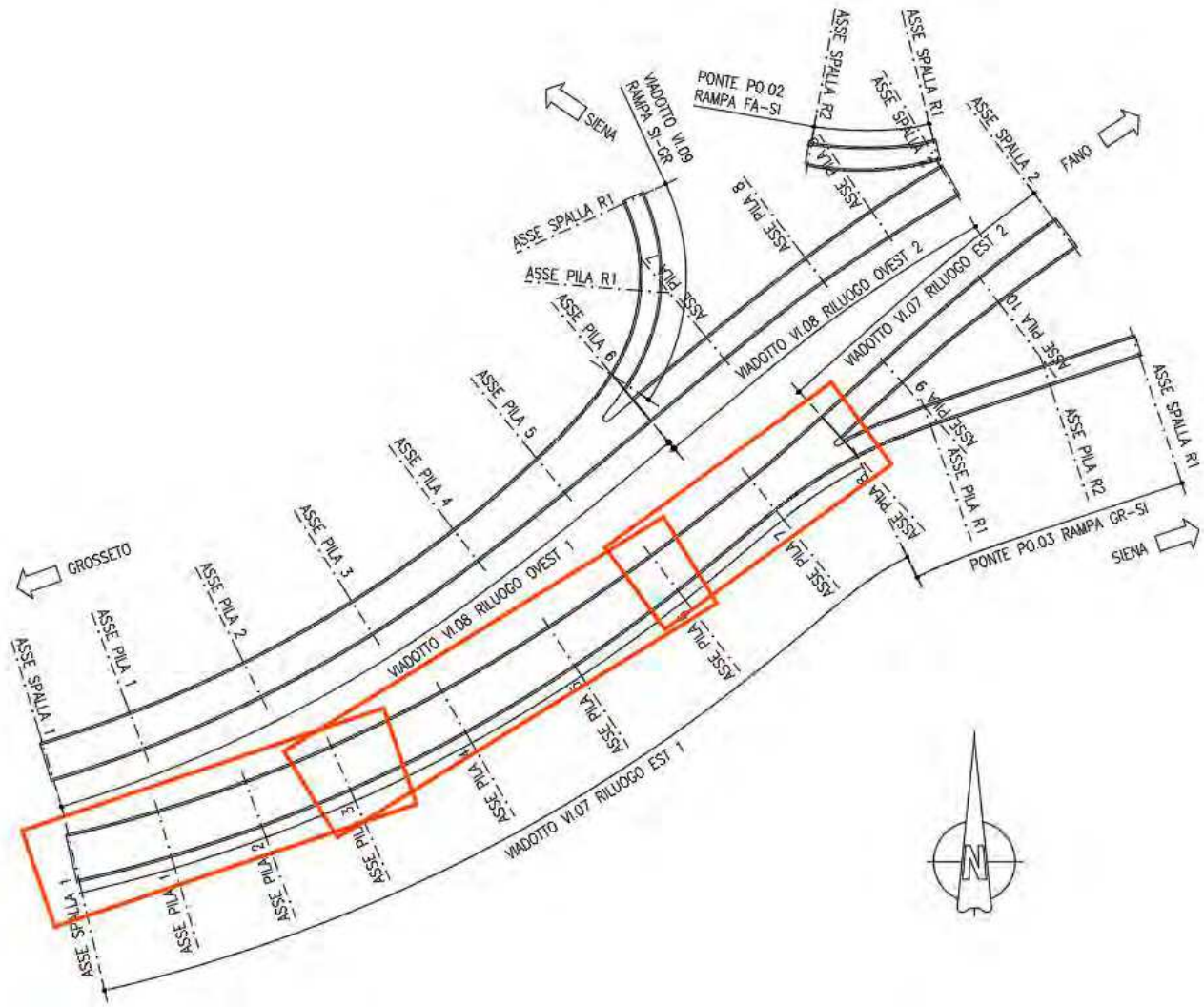

Figura 3: Planimetria generale dello Svincolo Ruffolo e ubicazione impalcato

1.3 Inquadramento geologico e geomorfologico

In merito a tali aspetti si rimanda al [1] indicato negli elaborati di riferimento riportati a seguire.

2 DOCUMENTAZIONE DI RIFERIMENTO

2.1 Elaborati a carattere generale

[1] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Geologia e geotecnica – Geologia – Relazione geologica e idrogeologica – Elaborato: T00GE01GEORE01A

[2] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Geologia e geotecnica – Geotecnica – Relazione geotecnica generale – Elaborato: T00GE04GETRE01A

[3] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Geologia e geotecnica – Sismica – Relazione sismica – Elaborato: T00GE05GETRE02A

2.2 Elaborati specifici

[4] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Generale – Tabella materiali – Elaborato: T00GE00STRDC01A

[5] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Relazione di calcolo impalcato – Elaborato: T00VI15STRRE01A

[6] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Planimetria impalcato, fondazioni, sezione longitudinale e trasversale – Elaborato: T00VI15STRDI01A

[7] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Carpenteria impalcato – Tav.1 – Elaborato: T00VI15STRCP01A

[8] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Carpenteria impalcato – Tav.2 – Elaborato: T00VI15STRCP02A

[9] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Predalles impalcato – Elaborato: T00VI15STRCP03A

[10] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Carpenteria spalla – Elaborato: T00VI15STRCP04A

[11] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Carpenteria pile – Elaborato: T00VI15STRCP05A

[12] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Schema di vincoli, appoggi, giunti, dettagli e finiture – Elaborato: T00VI15STRDC01A

[13] E78 Grosseto Fano – Tratto Siena – Bettolle (A1) – Adeguamento a 4 corsie del tratto Siena – Ruffolo (Lotto 0) – Progetto definitivo – Opere d'arte – Opere d'arte maggiori – Ponti rami svincoli – Viadotto Rampa Gr-Si Svincolo Ruffolo (VI.11) – Metodi costruttivi (Fasi costruttive, sistemi di varo, interferenze con sottoservizi, controllo falda) – Elaborato: T00VI15STRDI02A

3 NORMATIVA DI RIFERIMENTO

3.1 Normativa tecnica di riferimento

3.1.1 Materiali

[14] UNI EN 206-1 marzo 2006 – "Calcestruzzo - Parte 1: Specificazione, prestazione, produzione e conformità";
[15] UNI EN 197-1 marzo 2006 – "Cemento - Parte 1: Composizione, specificazioni e criteri di conformità per cementi comuni";
[16] UNI EN 197-2 marzo 2001 – "Cemento - Valutazione della conformità";
[17] UNI 11104 marzo 2004 – "Calcestruzzo: specificazione, prestazione, produzione e conformità", Istruzioni complementari per l'applicazione delle EN 206-1";
[18] Consiglio Superiore dei Lavori Pubblici, 07/02/2003 – "Linee guida per il calcestruzzo strutturale, Linee guida per il calcestruzzo strutturale ad alta resistenza, Linee guida per il calcestruzzo preconfezionato";
[19] Consiglio Superiore dei Lavori Pubblici, 05/04/2013 – "Linee guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo indurito mediante prove non distruttive";
[20] D.M. 16/02/2007 – "Classificazione di resistenza al fuoco di prodotti ed elementi costruttivi di opere da costruzione";
[21] "Regolamento UE n°305/2011 del Parlamento Europeo e del Consiglio del 9 marzo 2011 che fissa condizioni armonizzate per la commercializzazione dei prodotti da costruzione e che abroga la direttiva 89/106/CEE del Consiglio"

3.1.2 Costruzioni in c.a. e acciaio

3.1.2.1 Eurocodice 0 - "Criteri generali di progettazione strutturale"

[22] UNI EN 1990:2006;

3.1.2.2 Eurocodice 1 - "Azioni sulle strutture"

[23] UNI EN 1991-1-1:2004 – "Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici";
[24] UNI EN 1991-1-2:2004 – "Parte 1-2: Azioni in generale - Azioni sulle strutture esposte al fuoco";
[25] UNI EN 1991-1-3:2004 – "Parte 1-3: Azioni in generale - Carichi da neve";
[26] UNI EN 1991-1-4:2005 – "Parte 1-4: Azioni in generale - Azioni del vento";
[27] UNI EN 1991-1-5:2004 – "Parte 1-5: Azioni in generale - Azioni termiche";
[28] UNI EN 1991-2:2005 – "Parte 2: Carichi da traffico sui ponti";

3.1.2.3 Eurocodice 2 - "Progettazione delle strutture in calcestruzzo"

[29] UNI EN 1992-1-1:2005 – "Parte 1-1: Regole generali e regole per gli edifici";
[30] UNI EN 1992-1-2:2005 – "Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio";
[31] UNI EN 1992-2:2006 – "Parte 2: Ponti di calcestruzzo - Progettazione e dettagli costruttivi";

3.1.2.4 Eurocodice 3 - "Progettazione delle strutture in acciaio"

[32] UNI EN 1993-1-1:2005 – "Parte 1-1: Regole generali e regole per gli edifici";
[33] UNI EN 1993-1-2:2005 – "Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio";
[34] UNI EN 1993-1-5:2007 – "Parte 1-5: Elementi strutturali a lastra";
[35] UNI EN 1993-1-8:2005 – "Parte 1-8: Progettazione dei collegamenti";
[36] UNI EN 1993-1-9:2005 – "Parte 1-9: Fatica";
[37] UNI EN 1993-1-10:2005 – "Parte 1-10: Resilienza del materiale e proprietà attraverso lo spessore";
[38] UNI EN 1993-2:2007 – "Parte 2: Ponti di acciaio";
[39] UNI EN 1993-3-1:2007 – "Parte 3-1: Torri, pali e ciminiere - Torri e pali";
[40] UNI EN 1993-5:2007 – "Parte 5: Pali e palancole"

3.1.2.5 Eurocodice 4 - "Progettazione delle strutture composte acciaio-calcestruzzo"

[41] UNI EN 1994-1-1:2005 – "Parte 1-1: Regole generali e regole per gli edifici";
[42] UNI EN 1994-1-2:2005 – "Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio";
[43] UNI EN 1994-2:2006 – "Parte 2: Regole generali e regole per i ponti";

3.1.3 Geotecnica

3.1.3.1 Eurocodice 7 - "Progettazione geotecnica"

[44] UNI EN 1997-1:2005 – "Parte 1: Regole generali";

3.1.4 Sismica

3.1.4.1 Eurocodice 8 - "Progettazione delle strutture per la resistenza sismica"

[45] UNI EN 1998-1:2005 – "Parte 1: Regole generali, azioni sismiche e regole per gli edifici";
[46] UNI EN 1998-2:2009 – "Parte 2: Ponti";
[47] UNI EN 1998-5:2003 – "Parte 5: Fondazioni, opere di sostegno e geotecniche"

3.2 Normativa tecnica nazionale

[48] D.M. Min. II. TT. 17/02/2018 – "Aggiornamento delle norme tecniche per le costruzioni";
[49] Circolare LL.PP. n°7 21/01/2019 - "Istruzioni per l'applicazione dell'Aggiornamento delle norme tecniche per le costruzioni di cui al D.M. 17 febbraio 2018";
[50] CNR DT 207/2008 - "Istruzioni per la valutazione delle azioni e degli effetti del vento sulle costruzioni";
[51] D.M. 31/07/2012 – "Approvazione delle Appendici nazionali recanti i parametri tecnici per l'applicazione degli Eurocodici";
[52] D.P.R. n°380 06/06/2001 – "Testo unico delle disposizioni legislative e regolamentari in materia di edilizia";

3.3 Bibliografia e altri riferimenti

[53] Lancellotta R. [1991] " Geotecnica" – Edizioni Zanichelli.
[54] Migliacci – F. Mola – "Progetto agli stati limite delle strutture in c.a." - Masson Italia Editori 1985
[55] C. Cestelli Guidi - "Geotecnica e tecnica delle fondazioni" - Ulrico Hoepli Editore 1987
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[60] S. Rampello, L. Callisto L. Masini. "Spinta delle terre sulle strutture di sostegno";
[61] L.C. Reese, W.R.Cox, F.D. Koop [1974] - "Analysis of lateralli loaded piles in sand" – Paper N° OCT 2080, Proceedings, Fifth Annual Offshore Technology Conference, Houston, Texas, 1975;
[62] L.C. Reese, W.R.Cox, F.D. Koop [1975] - "Field testing and analysis of laterally loaded piles in stiff clay" – Paper N° OCT 2313, Proceedings, Seventh Offshore Technology Conference, Houston, Texas, 1975;
[63] L.C. Reese, R.C. Welch [1975] - "Lateral loading of deep foundations in stiff clay" – Journal of the geotechnical Division, ASCE, Vol. 101, No GT7, Proocedings Paper 11456, 1975, pp. 633 – 649.
[64] R.C. Welch, L.C. Reese [1972] - "Laterally loaded Behavior of drilled shafts" – Research Report N° 3-5-65-89, conducted for Texas Highway Department and U.S. Department of Transportation, Federal Highway AD.M.inistration, Bureau of Public Roads, by Center for Highway Research, The University of Austin.

4 MATERIALI

4.1 Acciaio per carpenteria metallica

4.1.1 *Elementi saldati in acciaio*

Classe	S355		
Tensione caratteristica di rottura	f_u	510	MPa
Tensione caratteristica di snervamento	f_y	355	MPa

4.2 Calcestruzzo

4.2.1 *Calcestruzzo per soletta impalcato – C35/45*

Classe minima	C32/40		
Classe di esposizione ambientale	XC4-XF4		
Resistenza caratteristica a compressione cubica a 28 gg	R_{ck}		MPa
Resistenza caratteristica a compressione cilindrica	fck = Rck*0.83 =	37,35	MPa
Resistenza media a compressione cilindrica	fcm = fck+8 =	45,35	MPa
Modulo elastico	Ec = 22000*(fcm/10)0.3 =	34625	MPa
Valore medio di resistenza a trazione semplice	fctm = 0.3*(fck)2/3 =	3,35	MPa
Resistenza di calcolo a trazione semplice	fctk = 0.7*fctm =	2,35	MPa
Stato limite ultimo			
Coefficiente parziale di sicurezza	γC =	1,5	
Coefficiente riduttivo per resistenze di lunga durata	αCC =	0,85	
Resistenza di calcolo a compressione	fcd = αCC*fck / γC =	21,17	MPa
Resistenza di calcolo a trazione semplice	fctd = fctk / γC =	1,57	MPa
Valore ultimo della deformazione a compressione	ecu =	3,5	‰
Stato limite di esercizio			
Tensione max di compressione – Comb. Rara	σc = 0.60*fck =	22,41	MPa
Tensione max di compressione – Comb. Quasi	σc = 0.45*fck =	16,81	MPa

4.3 Acciaio per calcestruzzo armato

4.3.1 *Acciaio in barre per calcestruzzo armato – B450C*

Classe	B450C		
Tensione caratteristica di rottura a trazione	f_{tk}	≥ 540	MPa
Tensione caratteristica di snervamento a trazione	f_{yk}	≥ 450	MPa
Modulo elastico	E_s =	210000	MPa
Stato limite ultimo			
Coefficiente parziale di sicurezza	γ_s =	1.15	
Resistenza di calcolo	$f_{yd} = f_{yk} / \gamma_S$ =	391.30	MPa
Valore ultimo della deformazione a trazione	ε_{cu} =	10	‰
Stato limite di esercizio			
Tensione max di trazione	$\sigma_s = 0.80*f_{yk}$ =	360.00	MPa

4.4 Durabilità dei materiali

4.4.1 *Conglomerati cementizi*

Le classi di esposizione e le conseguenti limitazioni sulla composizione del calcestruzzo sono state ricavate ai sensi della normativa UNI EN 206-1 e UNI 11104, delle istruzioni contenute nella C.M. n°7 per l'applicazione delle [48].
A seconda dell'esposizione ambientale, per opere con V_N = 50 anni la circolare al punto C4.1.6.1.3 impone il rispetto dei limiti di copriferro riportati nella tabella successiva e, per strutture con V_N = 100 anni, una maggiorazione di copriferro pari a Δc_{min} = +10 mm. Per classi di resistenza inferiori a C_{min} i valori sono da aumentare di Δc_{min} = +5 mm. Per produzioni di elementi sottoposte a controllo di qualità che preveda anche la verifica dei copriferri, i valori della tabella possono essere ridotti di Δc_{min} = -5 mm.
A tali valori di tabella vanno aggiunte le tolleranze di posa, pari a Δc_{dev} = +10 mm o minore, secondo indicazioni di norme di comprovata validità.

Tabella 1: Copriferri minimi in mm (V_N = 50 anni)

			barre da c.a. elementi a piastra		barre da c.a. altri elementi		cavi da c.a.p. elementi a piastra		cavi da c.a.p. altri elementi	
C_{min}	C_0	ambiente	$C \geq C_0$	$C_{min} \leq C < C_0$	$C \geq C_0$	$C_{min} \leq C < C_0$	$C \geq C_0$	$C_{min} \leq C < C_0$	$C \geq C_0$	$C_{min} \leq C < C_0$
C25/30	C35/45	ordinario	15	20	20	25	25	30	30	35
C30/37	C40/50	aggressivo	25	30	30	35	35	40	40	45
C35/45	C45/55	molto ag.	35	40	40	45	45	50	50	50

Tabella 2: Condizioni ambientali e classi di esposizione

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

<u>Soletta impalcato</u>

- Classe di esposizione

Attacco dei cicli di gelo/disgelo con o senza disgelanti	XF4 Superfici orizzontali quali strade o pavimentazioni esposte al gelo ed ai sali disgelanti in modo diretto o indiretto, elementi esposti al gelo e soggetti a frequenti bagnature in presenza di agenti disgelanti o di acqua di mare

- Condizioni ambientali — Molto aggressive

- Requisiti minimi calcestruzzi

Rapporto acqua/cemento	< 0.45
Classe di resistenza	> C28/35
Dosaggio cemento	> 340 kg/m^3

- Copriferro nominale netto:

$c_{nom} = c_{min} + \Delta c_{min} + \Delta c_{dev} = 40 + 0 + 0 = 40$ mm → c = 40 mm

5 CRITERI DI CALCOLO

5.1 Descrizione criteri di calcolo

Le opere oggetto della presente relazione sono state progettate e calcolate secondo i metodi della scienza delle costruzioni, adottando per le verifiche il criterio degli stati limite (S.L.).
I criteri generali di sicurezza, le azioni di calcolo e le caratteristiche dei materiali sono stati assunti in conformità con il D.M. 17.02.2018 – "Aggiornamento delle norme tecniche per le costruzioni" e relativa circolare esplicativa (Circolare 21.01.2019 n. 7/C.S.LL.PP.).
Con riferimento alle NTC, per le opere in oggetto si considerano i seguenti parametri di calcolo:

Vita nominale	V_N = 50 anni (§ 2.4.1 "Costruzioni con livelli di prestazioni ordinari")
Classe d'uso	II (§ 2.4.2, "Costruzioni con funzioni pubbliche o strategiche importanti, anche con riferimento alla gestione della protezione civile in caso di calamità. Industrie con attività particolarmente pericolose per l'ambiente. Reti viarie di tipo A o B, di cui al DM 5/11/2001, n. 6792, "Norme funzionali e geometriche per la costruzione delle strade", e di tipo C quando appartenenti ad itinerari di collegamento tra capoluoghi di provincia non altresì serviti da strade di tipo A o B. Ponti e reti ferroviarie di importanza critica per il mantenimento delle vie di comunicazione, particolarmente dopo un evento sismico. Dighe connesse al funzionamento di acquedotti e a impianti di produzione di energia elettrica.")
Coefficiente d'uso	C_U = 2.0
Periodo di riferimento	$V_R = V_N \cdot C_U$ = 100 anni

5.2 Software di calcolo

Sono stati utilizzati i programmi di calcolo elencati nel seguito.
La scrivente ha esaminato preliminarmente la documentazione a corredo dei software per valutarne l'affidabilità e soprattutto l'idoneità al caso specifico. Tale documentazione, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati.
Il sottoscritto, inoltre, ha verificato l'affidabilità dei codici di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.

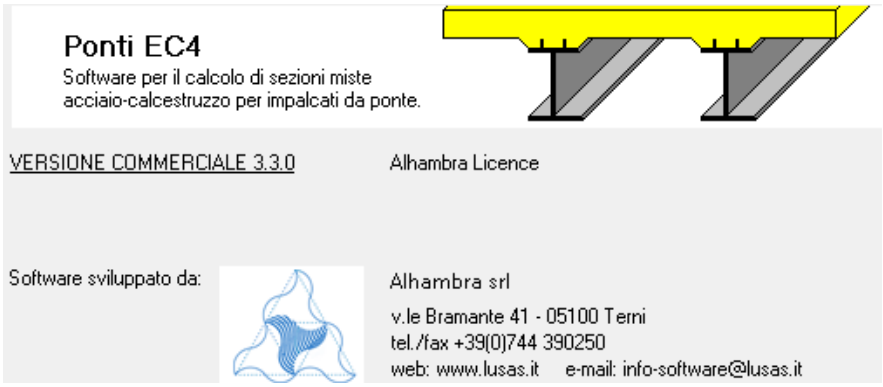
5.2.1 Calcolo strutture generiche

Titolo:

Caratteristiche:	Programma di calcolo strutturale agli elementi finiti che esegue il calcolo di strutture spaziali composte da elementi mono e/o bidimensionali anche con non linearità di materiale o con effetti dinamici
Autore:	G + D Computing Pty Limited - Sidney NSW 2000 Australia
Distribuzione:	HSH srl - Padova Italia
Versione:	2.4.6

5.2.2 Verifica sezioni miste acciaio-calcetruzzo

Titolo:



Caratteristiche:	Software per il calcolo di sezioni miste acciaio-calcestruzzo per impalcati da ponte
Autore:	Alhambra srl – Terni, Italia
Versione:	3.3.0

6 CRITERI DI VERIFICA

6.1 Combinazioni di carico

Le opere oggetto della presente relazione Come riportato al §2.5.3 delle [48], si sono considerate le seguenti combinazioni delle azioni:

$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_P \cdot P + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \Psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \sum_{j=3}^{n} \Psi_{0j} \cdot Q_{kj}$	Combinazione fondamentale SLU
$G_1 + G_2 + P + Q_{k1} + \Psi_{02} \cdot Q_{k2} + \sum_{j=3}^{n} \Psi_{0j} \cdot Q_{kj}$	Combinazione caratteristica rara SLE
$G_1 + G_2 + P + \Psi_{11} \cdot Q_{k1} + \sum_{j=2}^{n} \Psi_{2j} \cdot Q_{kj}$	Combinazione frequente SLE
$G_1 + G_2 + P + \sum_{j=1}^{n} \Psi_{2j} \cdot Q_{kj}$	Combinazione quasi permanente SLE
$E + G_1 + G_2 + P + \sum_{j=1}^{n} \Psi_{2j} \cdot Q_{kj}$	Combinazione sismica SLE e SLU
$G_1 + G_2 + P + A_d + \sum_{j=1}^{n} \Psi_{2j} \cdot Q_{kj}$	Combinazione eccezionale SLU
G_1	Masse dei pesi propri strutturali
G_2	Masse dei carichi permanenti non strutturali
P	Precompressione e pretensione
Q_{ki}	Masse dei carichi accidentali
E	Azione sismica
A_d	Azione eccezionale

I coefficienti di contemporaneità delle azioni e i coefficienti parziali da adottare per gli SLU sono riportati nel seguito.

Tab. 5.1.V – *Coefficienti parziali di sicurezza per le combinazioni di carico agli SLU*

		Coefficiente	EQU[1]	A1	A2
Azioni permanenti g_1 e g_3	favorevoli sfavorevoli	γ_{G1} e γ_{G3}	0,90 1,10	1,00 1,35	1,00 1,00
Azioni permanenti non strutturali [2] g_2	favorevoli sfavorevoli	γ_{G2}	0,00 1,50	0,00 1,50	0,00 1,30
Azioni variabili da traffico	favorevoli sfavorevoli	γ_Q	0,00 1,35	0,00 1,35	0,00 1,15
Azioni variabili	favorevoli sfavorevoli	γ_{Qi}	0,00 1,50	0,00 1,50	0,00 1,30
Distorsioni e presollecitazioni di progetto	favorevoli sfavorevoli	$\gamma_{\varepsilon 1}$	0,90 1,00[3]	1,00 1,00[4]	1,00 1,00
Ritiro e viscosità, Cedimenti vincolari	favorevoli sfavorevoli	$\gamma_{\varepsilon 2}$, $\gamma_{\varepsilon 3}$, $\gamma_{\varepsilon 4}$	0,00 1,20	0,00 1,20	0,00 1,00

Tab. 5.1.VI - *Coefficienti ψ per le azioni variabili per ponti stradali e pedonali*

Azioni	Gruppo di azioni (Tab. 5.1.IV)	Coefficiente ψ_0 di combinazione	Coefficiente ψ_1 (valori frequenti)	Coefficiente ψ_2 (valori quasi permanenti)
Azioni da traffico (Tab. 5.1.IV)	Schema 1 (carichi tandem)	0,75	0,75	0,0
	Schemi 1, 5 e 6 (carichi distribuiti	0,40	0,40	0,0
	Schemi 3 e 4 (carichi concentrati)	0,40	0,40	0,0
	Schema 2	0,0	0,75	0,0
	2	0,0	0,0	0,0
	3	0,0	0,0	0,0
	4 (folla)	--	0,75	0,0
	5	0,0	0,0	0,0
Vento	a ponte scarico SLU e SLE	0,6	0,2	0,0
	in esecuzione	0,8	0,0	0,0
	a ponte carico SLU e SLE	0,6	0,0	0,0
Neve	SLU e SLE	0,0	0,0	0,0
	in esecuzione	0,8	0,6	0,5
Temperatura	SLU e SLE	0,6	0,6	0,5

6.2 Verifica di resistenza Stati Limite Ultimi strutturali (SLU STR)

6.2.1 Elementi in cemento armato

Come riportato al §2.3 delle [48], per ogni stato limite ultimo deve essere rispettata la condizione:

$E_d \leq R_d$

$E_d = E(\gamma_F \cdot F_k; X_k/\gamma_M; a_d)$	Valore di progetto dell'azione o dell'effetto dell'azione
$R_d = R(\gamma_F \cdot F_k; X_k/\gamma_M; a_d)$	Valore di progetto della resistenza del sistema geotecnico
$\gamma_F \cdot F_k$	Azioni di progetto
X_k/γ_M	Proprietà del materiale di progetto
a_d	Geometria di progetto
γ_M	Coefficiente parziale di sicurezza del materiale

6.2.1.1 Verifica a presso/tenso flessione

Come previsto al §4.1.2.1.2.4 delle [48] con riferimento alla generica sezione, la verifica di resistenza allo SLU si esegue controllando che:

$M_{Rd} = M_{Rd}(N_{Ed}) \geq M_{Ed}$

M_{Rd}	Valore di calcolo del momento resistente corrispondente a N_{Ed}
N_{Ed}	Valore di calcolo della componente assiale (sforzo normale)
M_{Ed}	Valore di calcolo della componente flettente dell'azione

6.2.1.2 Verifica a taglio

Secondo quanto previsto §4.1.2.1.3 delle [48], indicato con V_{Ed} il valore di calcolo dello sforzo di taglio agente allo SLU, si verifica in generale che risulti:

$V_{Ed} < V_{Rd}$

Elementi senza armature resistenti a taglio

$$V_{Rd,c} = max\left\{\left(0.18 \cdot k \cdot \frac{\sqrt[3]{100 \cdot \rho_l \cdot f_{ck}}}{\gamma_c} + 0.15 \cdot \sigma_{cp}\right) \cdot b_w \cdot d; (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d\right\}$$ Resistenza di calcolo a taglio

$$k = 1 + \sqrt{\frac{200}{d}} \leq 2$$

$$v_{min} = 0.035 \cdot \sqrt{k^3} \cdot \sqrt{f_{ck}}$$

$\rho_l = \frac{A_{sl}}{b_w \cdot d} \leq 0.02$	Rapporto percentuale armatura in zona tesa A_{sl}
$\sigma_{cp} = \frac{N_{Ed}}{A_c} \leq 0.2 \cdot f_{cd}$	Tensione media di compressione nella sezione
d	Altezza utile della sezione (mm)
b_w	Larghezza minima della sezione (mm)

Elementi provvisti di armature resistenti a taglio

$V_{Rd} = min(V_{Rd,s}; V_{Rd,max})$	Resistenza di calcolo a taglio
$V_{Rd,s} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot\alpha + \cot\theta) \cdot \sin\alpha$	Resistenza a taglio-trazione
$V_{Rd,max} = 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot \frac{(\cot\alpha + \cot\theta)}{1 + cot^2\theta}$	Resistenza a taglio-compressione
θ	Inclinazione puntoni di calcestruzzo rispetto all'asse dell'elemento $(1 \leq \cot\theta \leq 2.5)$
α	Inclinazione dell'armatura trasversale rispetto all'asse dell'elemento
A_{sw}	Area dell'armatura trasversale
s	Interasse tra due armature trasversali consecutive
$f'_{cd} = 0.5 \cdot f_{cd}$	Resistenza a compressione ridotta del calcestruzzo d'anima
α_c	Coefficienti maggiorativi pari a:
1	per membrature non compresse
$1 + \sigma_{cp}/f_{cd}$	per $0 \leq \sigma_{cp} < 0.25 \cdot f_{cd}$
1.25	per $0.25 \cdot f_{cd} \leq \sigma_{cp} < 0.50 \cdot f_{cd}$
$2.5 \cdot (1 - \sigma_{cp}/f_{cd})$	per $0.50 \cdot f_{cd} \leq \sigma_{cp} < f_{cd}$

6.2.2 Elementi in acciaio

I criteri per la verifica della resistenza delle sezioni sono riportati nelle NTC 2018 al §4.2., §4.3 e relative istruzioni, l'Eurocodice EN 1993-1-1, EN1993-1-5, EN 1993-2, EN1994-1-1, EN 1994-2. Nell'ambito dei vari S.L. considerati, si effettuano, a livello sezionale, le seguenti verifiche, per ulteriori dettagli si rimanda al capitolo delle verifiche dell'impalcato.

6.2.2.1 Verifica a pressoinflessione e instabilità piattabande

La sezione in acciaio viene classificata a seconda della geometria e il calcolo viene svolto allo stato plastico o elastico a seconda della classificazione. Nell'ambito del calcolo tensionale, la soletta viene considerata "cracked" (non reagente) all'atto dell'annullamento della tensione di compressione valutata in corrispondenza della fibra media. Contestualmente all'annullamento della soletta, si annullano anche le sollecitazioni da ritiro primario.

6.2.2.2 Verifica all'instabilità per taglio dell'anima

Per sezioni soggette a "shear buckling" viene valutato il coefficiente di riduzione X_w, e successivamente valutato il taglio resistente $V_{b,Rd}$ come somma dei contributo resistenti dell'anima $V_{bw,Rd}$ e, se applicabile, delle flange $V_{bf,Rd}$.

6.2.2.3 Verifiche delle connessioni trave-soletta

Si rimanda al capitolo delle verifiche di impalcato.

6.2.2.4 Verifica delle unioni bullonate

Secondo quanto riportato nelle NTC 2018 al §4.2.8.1.1 e §4.2.4.1.2, devono essere effettuate le seguenti verifiche:

- Resistenza a taglio del gambo dei bulloni
- Resistenza a rifollamento degli elementi da unire
- Resistenza a trazione dei bulloni
- Resistenza a punzonamento del piatto collegato
- Verifiche combinate taglio-trazione

Resistenza a taglio del gambo dei bulloni

La resistenza di calcolo a a taglio $F_{v,Rd}$ del gambo dei bulloni di classe 10.9 è assunta pari a:

$$F_{V,Rd} = 0.5 \cdot \frac{f_{tb} \cdot A_{res}}{\gamma_{M2}}$$

f_{tb} resistenza a rottura dell'acciaio del bullone
A_{res} area resistente del bullone
$\gamma_{M2} = 1.25$ coefficiente di sicurezza

Resistenza a rifollamento degli elementi da unire

La resistenza di calcolo a rifollamento $F_{b,Rd}$ del piatto dell'unione bullonata è assunta pari a:

$$F_{b,Rd} = k \cdot \alpha \cdot \frac{f_{tk} \cdot d \cdot t}{\gamma_{M2}}$$

d diametro nominale del gambo del bullone
t spessore della piastra collegata
f_{tk} resistenza a rottura dell'acciaio della piastra collegata

$$\alpha = \min\left\{\frac{e_1}{3 \cdot d_0}; \frac{f_{tb}}{f_{tk}}; 1\right\}$$ per i bulloni di bordo

$$= \min\left\{\frac{p_1}{3 \cdot d_0} - 0.25; \frac{f_{tb}}{f_{tk}}; 1\right\}$$ per i bulloni interni

$$k = \min\left\{2.8 \cdot \frac{e_2}{d_0} - 1.7; 2.5\right\}$$ per i bulloni di bordo

$$= \min\left\{1.4 \cdot \frac{p_2}{d_0} - 1.7; 2.5\right\}$$ per i bulloni interni

Resistenza a trazione dei bulloni

La resistenza di calcolo a trazione $F_{t,Rd}$ degli elementi di connessione è assunta pari a:

$$F_{t,Rd} = \frac{0.9 \cdot A_{res} \cdot f_{tb}}{\gamma_{M2}}$$

Resistenza a punzonamento del piatto collegato

La resistenza di calcolo a punzonamento $B_{p,Rd}$ del piatto collegato è assunta pari a:

$$B_{p,Rd} = \frac{0.6 \cdot \pi \cdot d_m \cdot t_p \cdot f_{tk}}{\gamma_{M2}}$$

d_m minimo tra il diametro del dado ed il diametro medio della testa del bullone
t_p spessore del piatto
f_{tk} resistenza a rottura dell'acciaio del piatto

Verifiche combinate taglio-trazione

Nel caso di presenza combinata di taglio e trazione si può adottare la formula di interazione lineare:

$$\frac{F_{v,Ed}}{F_{v,Rd}} + \frac{F_{t,Ed}}{1.4 \cdot F_{t,Rd}} \leq 1 \quad \text{con} \quad \frac{F_{t,Ed}}{F_{t,Rd}} \leq 1$$

$F_{v,Ed}$ sollecitazione di taglio sull'unione
$F_{t,Ed}$ sollecitazione di trazione sull'unione
$F_{v,Rd} = \text{Min}(F_{v,Rd} ; F_{b,Rd})$ resistenza a taglio dell'unione
$F_{t,Rd} = \text{Min}(B_{p,Rd} ; F_{t,Rd})$ resistenza a trazione dell'unione

6.3 Verifiche agli Stati Limite di Esercizio elementi in c.a.

Come riportato al §6.2.4.3 e §5.1.4.2 del [48], la verifica della sicurezza nei riguardi degli stati limite di esercizio si esprime controllando aspetti di funzionalità e stato tensionale. Si dovrà verificare che sia:

$E_d \leq C_d$
$E_d = E(\gamma_F \cdot F_k; X_k/\gamma_M ; a_d)$ Valore di progetto dell'azione o dell'effetto dell'azione
$C_d = C(\gamma_F \cdot F_k; X_k/\gamma_M ; a_d)$ Valore nominale o funzione di certe proprietà dei materiali legate agli effetti progettuali delle azioni considerate

Le verifiche agli SLE si risolvono nel controllare che i valori di tensione nei materiali siano inferiori ai limiti di normativa.

Calcestruzzo compresso
Combinazione rara $\sigma_c < 0.60 \cdot f_{ck}$
Combinazione quasi permanente $\sigma_c < 0.45 \cdot f_{ck}$
Acciaio teso
Combinazione rara $\sigma_s < 0.80 \cdot f_{yk}$

6.3.1 Verifiche agli Stati Limite di Fessurazione

Viene eseguita la verifica allo stato limite di apertura delle fessure con riferimento al §4.1.2.2.4 del [48]. Prima di procedere alle verifiche a fessurazione è necessario definire delle apposite combinazioni di carico ed effettuare una valutazione relativa al grado di protezione delle armature metalliche contro la corrosione (in termini di condizioni ambientali e sensibilità delle armature stesse alla corrosione). Si distinguono i seguenti casi:

Combinazioni di azioni	Frequente (FR)
	Quasi Permanente (QP)
Condizioni ambientali	Ordinarie
	Aggressive
	Molto aggressive
Sensibilità delle armature alla corrosione	Sensibili (acciai da precompresso)
	Poco sensibili (acciai ordinari)
Apertura delle fessure	$w_1 = 0.200mm$
	$w_2 = 0.300mm$
	$w_3 = 0.400mm$

Tabella 3: Stati limite di fessurazione

Gruppi di Esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_k	Stato limite	w_k
A	Ordinarie	frequente	apertura fessure	$\leq w_2$	apertura fessure	$\leq w_3$
		quasi permanente	apertura fessure	$\leq w_1$	apertura fessure	$\leq w_2$
B	Aggressive	frequente	apertura fessure	$\leq w_1$	apertura fessure	$\leq w_2$
		quasi permanente	decompressione	-	apertura fessure	$\leq w_1$
C	Molto aggressive	frequente	formazione fessure	-	apertura fessure	$\leq w_1$
		quasi permanente	decompressione	-	apertura fessure	$\leq w_1$

Il calcolo, condotto con riferimento alla procedura analitica prevista al §C4.1.2.2.4 del [49], prevede i seguenti passaggi:

- Valutazione della distanza media tra le fessure (Δ_{sm});
- Valutazione della deformazione media delle barre d'armatura (ε_{sm});
- Valutazione dell'ampiezza delle fessure (valore medio w_m e valore di calcolo w_d).

Elemento strutturale	**Classi di esposizione**	**Condizioni ambientali**	**Combinazione di azioni**	**Stato limite**	**w_d**
Soletta	XF4	Molto aggressive	Frequente	Apertura fessure	$\leq w_1 = 0.20$ mm
			Quasi perm.	Apertura fessure	$\leq w_1 = 0.20$ mm

6.4 Verifiche agli Stati Limite di Esercizio elementi in acciaio.

6.4.1 Limitazione delle tensioni

La verifica viene condotta con riferimento alle tensioni di Von Mises valutate sotto la combinazione fondamentale S.L.E., applicando il coefficiente di materiale $\gamma_{m,ser} = 1.00$.

6.4.2 Instabilità dei pannelli d'anima

La verifica è volta alla limitazione della snellezza dei singoli pannelli e sottopannelli. I criteri di verifica sono contenuti nelle NTC 2018 al §4.2.4.1.3.4, che rimandano a EN 1993-2 al §7.4.

6.4.3 Verifiche delle connessioni trave-soletta

Nel caso di travi da ponte il taglio longitudinale di progetto calcolato allo SLE, non deve eccedere $0.6*P_{Rd}$ (§C4 3.4.3.3 della "Istruzioni per l'applicazione delle Norme Tecniche per le Costruzioni").

7 ANALISI STATICHE IMPALCATO

7.1 Descrizione analisi strutturale

Il calcolo delle sollecitazioni nell'implacato viene effettuato mediante una modellazione FEM del solo impalcato, opportunamente vincolato, in modo da simulare gli effettivi gradi di libertà consentiti dalle apparecchiature di vincolo sottostanti.

L'impalcato viene discretizzato come graticcio di travi e traversi, eseguendo un'analisi globale dell'impalcato secondo la metodologia classica relativa alle strutture miste acciaio-calcestruzzo; la quale prevede l'introduzione di aree in acciaio equivalenti, omogeneizzate alle aree di calcestruzzo attraverso coefficienti variabili a seconda delle caratteristiche dipendenti dalla reologia.

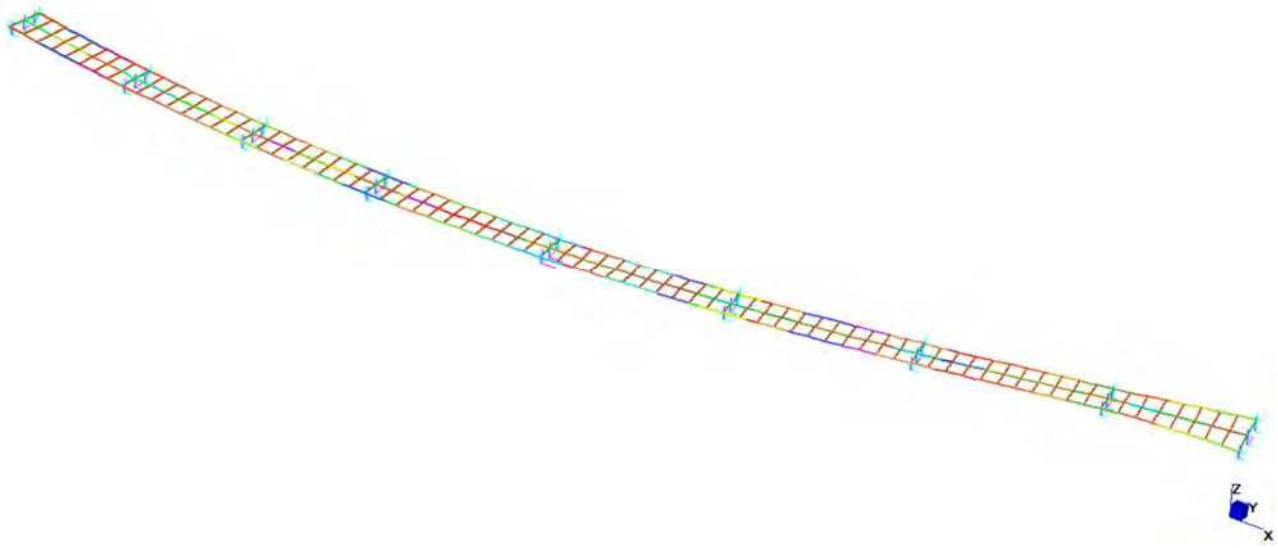


Figura 1 – Modello FEM

Gli effetti dei vari carichi vengono quindi linearmente sovrapposti con riferimento alle differenti "fasi" temporali della struttura, ciascuna caratterizzata da differenti caratteristiche della sezione resistente ed da specifiche tipologie di carico, come descritto di seguito.

7.1.1 Fase 1

Tale fase coincide con la posa in opera delle travi, dei traversi metallici e il getto delle solette in calcestruzzo; la sezione resistente della trave è relativa al solo acciaio così come quella dei traversi, essendo la soletta in calcestruzzo non ancora collaborante; i carichi agenti sono quelli dovuti al peso proprio di travi e traversi ed al getto delle solette in calcestruzzo.

7.1.2 Fase 2

In fase 2 vengono esaminati i carichi di tipo permanente, ovvero:

- pesi permanenti non strutturali (peso del manto di finitura, delle barriere, degli impianti di smaltimento acque e degli elementi accessori) – Fase 2A
- ritiro della soletta in calcestruzzo – Fase 2B

La sezione resistente è quella composta acciaio/calcestruzzo; si tiene conto, per i carichi di tale fase, dell'influenza della viscosità omogeneizzando le aree in calcestruzzo ad acciaio secondo i coefficienti di omogeneizzazione descritti successivamente.

7.1.3 Fase 3

In tale fase si considera, di volta in volta, la presenza di tutti i contributi di carico di tipo istantaneo, ovvero:

- variazioni termiche – Fase 3A
- carichi mobili e azioni di breve durata in genere (vento) – Fase 3B

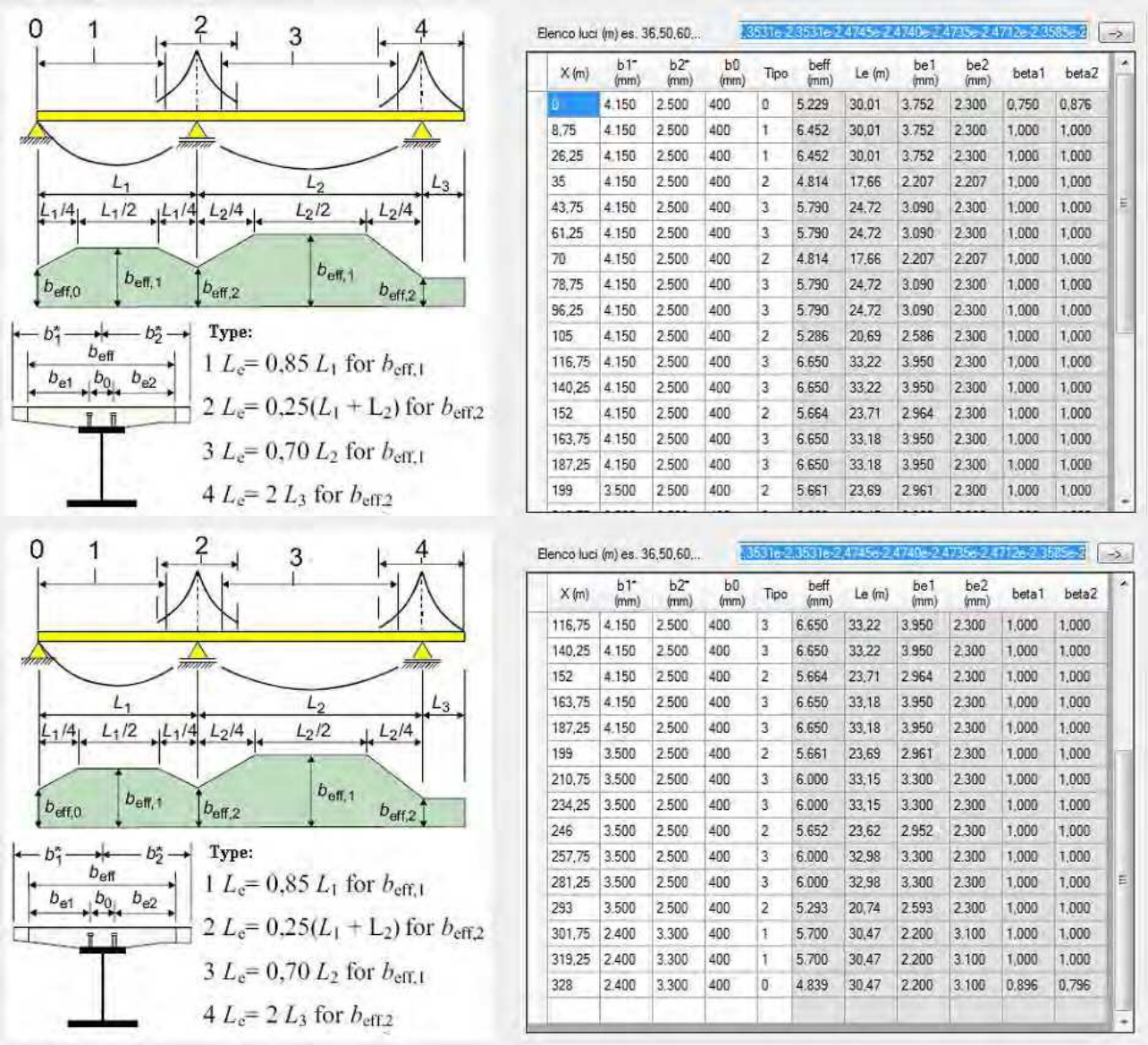
La sezione resistente è anche in questo caso quella composta acciaio/calcestruzzo; in questo caso, però, l'omogeneizzazione delle aree in calcestruzzo avviene secondo il coefficiente n_0 di breve durata, definito nel seguito.
Ai soli fini della suddivisione dei carichi in tipologie, la medesima suddivisione in fasi viene considerata anche per gli elementi metallici.

7.2 Coefficienti di omogeneizzazione

Lo studio dell'impalcato viene eseguito "omogeneizzando" la sezione di calcestruzzo ad acciaio. In funzione della durata del carico si distinguono due tipi di coefficienti:
n_0 coefficiente di omogeneizzazione per carichi di breve durata;
n_L coefficiente di omogeneizzazione per carichi di lunga durata.
In particolare, il coefficiente di omogeneizzazione per carichi di breve durata risulta semplicemente pari al rapporto tra i moduli elastici di acciaio e calcestruzzo, ossia $n_0 = E_a / E_{cm}$. Nel presente caso si ha $n_0 = 6.16$.
Il coefficiente di omogeneizzazione per carichi di lunga durata, invece, viene valutato in accordo alla norma EN 1994-2 al punto 5.4.2.2, in funzione della fase di vita in esame e del tipo di carico applicato, nel seguente modo:
$n_L = n_0 (1 + \psi_L \phi_t)$
dove:
$n_0 = E_a / E_{cm}$
ψ_L = moltiplicatore di viscosità, funzione del tipo di carico applicato
ϕ_t = coefficiente di viscosità
dove:
$\psi_L = 1.10$ per i carichi permanenti e i cedimenti vincolari
$\psi_L = 1.50$ per le deformazioni imposte
$\psi_L = 0.55$ per l'azione del ritiro
Avendo assunto:
$t_0 = 7$ g per il calcolo del ϕ_t finalizzato alla valutazione di n_L riferito al ritiro
$t_0 = 7$ g per il calcolo del ϕ_t finalizzato alla valutazione di n_L riferito ai carichi permanenti
Da cui si ottengono i seguenti valori del coefficiente di omogeneizzazione:
$n_1 = \infty$ assunto in fase 1, ossia per la fase di montaggio in cui la soletta in calcestruzzo non è collaborante, e per ragioni puramente numeriche lo si considera nullo;
$n_{L\,2a} = 19{,}50$ assunto in fase 2a, per i carichi permanenti;
$n_{r\,2b} = 12{,}84$ assunto in fase 2, per l'azione di ritiro;
$n_0 = 6{,}16$ assunto in fase 3, per i carichi accidentali.

7.3 Larghezza di soletta collaboranti

In tabella si riassumono i parametri di calcolo delle larghezze collaboranti alle travi longitudinali laterali, valutate lungo lo sviluppo dell'impalcato.



X (m)	b1* (mm)	b2* (mm)	b0 (mm)	Tipo	beff (mm)	Le (m)	be1 (mm)	be2 (mm)	beta1	beta2
0	4.150	2.500	400	0	5.229	30,01	3.752	2.300	0,750	0,876
8,75	4.150	2.500	400	1	6.452	30,01	3.752	2.300	1,000	1,000
26,25	4.150	2.500	400	1	6.452	30,01	3.752	2.300	1,000	1,000
35	4.150	2.500	400	2	4.814	17,66	2.207	2.207	1,000	1,000
43,75	4.150	2.500	400	3	5.790	24,72	3.090	2.300	1,000	1,000
61,25	4.150	2.500	400	3	5.790	24,72	3.090	2.300	1,000	1,000
70	4.150	2.500	400	2	4.814	17,66	2.207	2.207	1,000	1,000
78,75	4.150	2.500	400	3	5.790	24,72	3.090	2.300	1,000	1,000
96,25	4.150	2.500	400	3	5.790	24,72	3.090	2.300	1,000	1,000
105	4.150	2.500	400	2	5.286	20,69	2.586	2.300	1,000	1,000
116,75	4.150	2.500	400	3	6.650	33,22	3.950	2.300	1,000	1,000
140,25	4.150	2.500	400	3	6.650	33,22	3.950	2.300	1,000	1,000
152	4.150	2.500	400	2	5.664	23,71	2.964	2.300	1,000	1,000
163,75	4.150	2.500	400	3	6.650	33,18	3.950	2.300	1,000	1,000
187,25	4.150	2.500	400	3	6.650	33,18	3.950	2.300	1,000	1,000
199	3.500	2.500	400	2	5.661	23,69	2.961	2.300	1,000	1,000

X (m)	b1* (mm)	b2* (mm)	b0 (mm)	Tipo	beff (mm)	Le (m)	be1 (mm)	be2 (mm)	beta1	beta2
116,75	4.150	2.500	400	3	6.650	33,22	3.950	2.300	1,000	1,000
140,25	4.150	2.500	400	3	6.650	33,22	3.950	2.300	1,000	1,000
152	4.150	2.500	400	2	5.664	23,71	2.964	2.300	1,000	1,000
163,75	4.150	2.500	400	3	6.650	33,18	3.950	2.300	1,000	1,000
187,25	4.150	2.500	400	3	6.650	33,18	3.950	2.300	1,000	1,000
199	3.500	2.500	400	2	5.661	23,69	2.961	2.300	1,000	1,000
210,75	3.500	2.500	400	3	6.000	33,15	3.300	2.300	1,000	1,000
234,25	3.500	2.500	400	3	6.000	33,15	3.300	2.300	1,000	1,000
246	3.500	2.500	400	2	5.652	23,62	2.952	2.300	1,000	1,000
257,75	3.500	2.500	400	3	6.000	32,98	3.300	2.300	1,000	1,000
281,25	3.500	2.500	400	3	6.000	32,98	3.300	2.300	1,000	1,000
293	3.500	2.500	400	2	5.293	20,74	2.593	2.300	1,000	1,000
301,75	2.400	3.300	400	1	5.700	30,47	2.200	3.100	1,000	1,000
319,25	2.400	3.300	400	1	5.700	30,47	2.200	3.100	1,000	1,000
328	2.400	3.300	400	0	4.839	30,47	2.200	3.100	0,896	0,796

Figura 2 – Riepilogo larghezze collaboranti delle sezioni trave

Di seguito l'andamento della larghezza collaborante alla trave, in forma grafica.

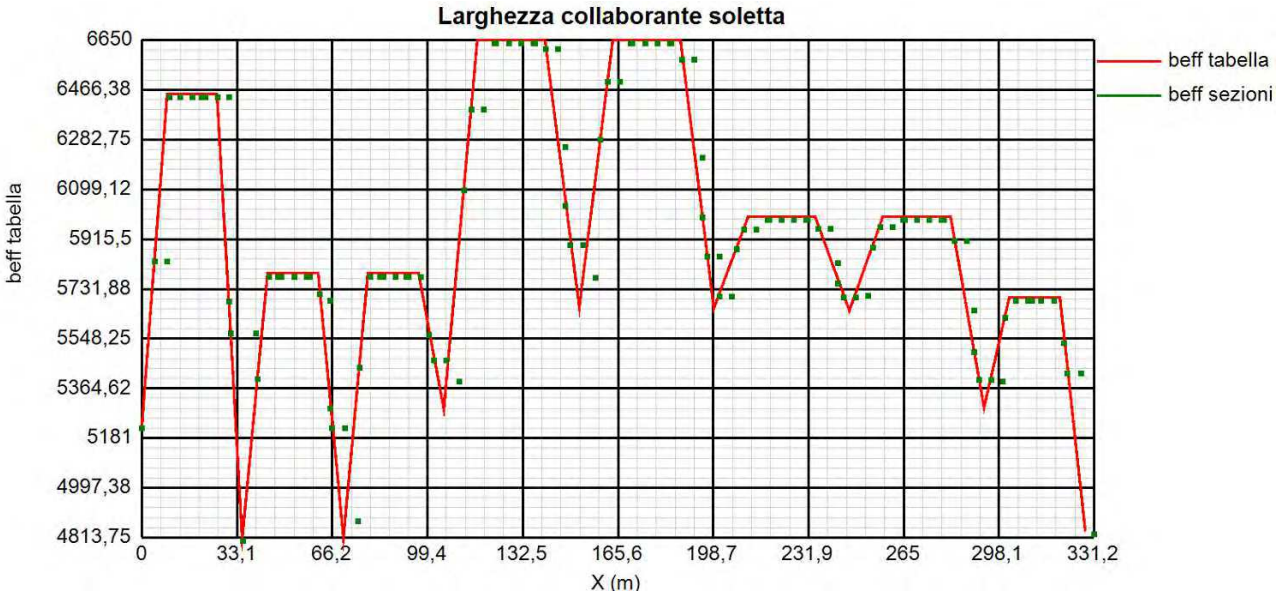
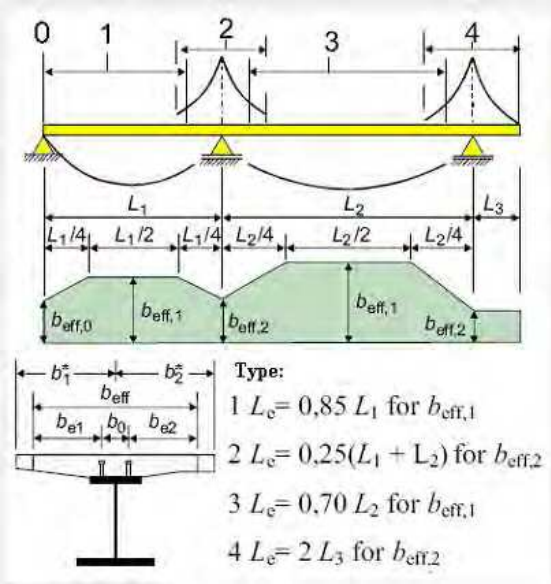


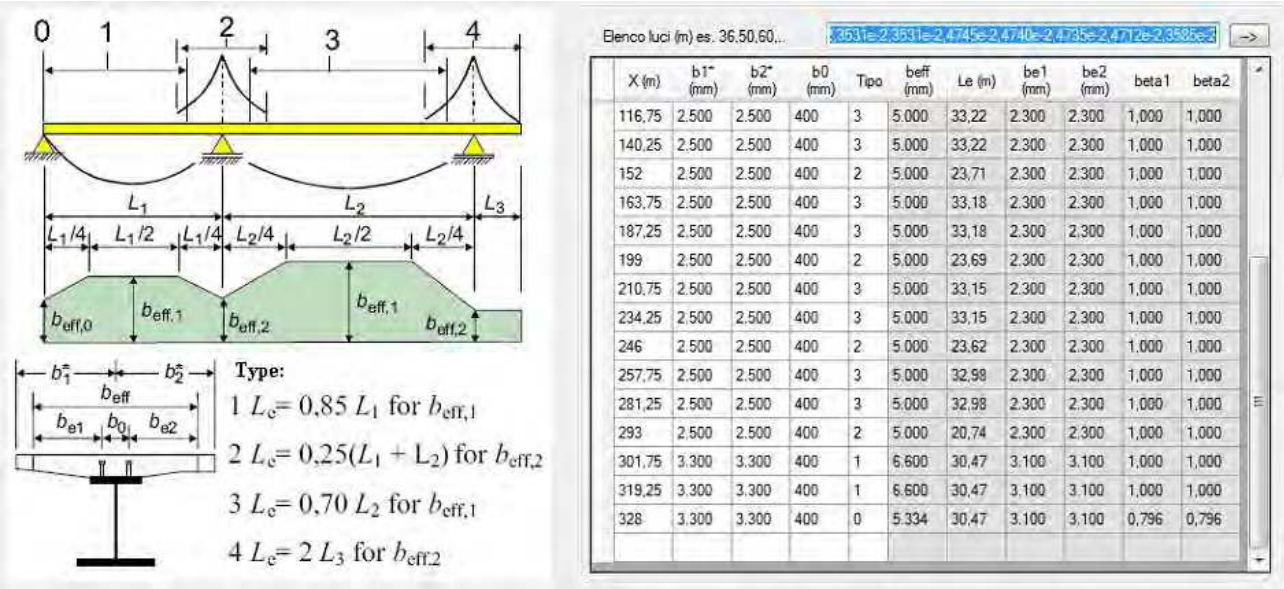
Figura 3 – Riepilogo larghezze collaboranti delle sezioni trave lungo l'asse impalcato

In tabella si riassumono i parametri di calcolo delle larghezze collaboranti alla trave longitudinale centrale, valutate lungo lo sviluppo dell'impalcato.



Elenco luci (m) es. 36,50,60,..

X (m)	b1* (mm)	b2* (mm)	b0 (mm)	Tipo	beff (mm)	Le (m)	be1 (mm)	be2 (mm)	beta1	beta2
0	2.500	2.500	400	0	4.431	30,01	2.300	2.300	0,876	0,876
8,75	2.500	2.500	400	1	5.000	30,01	2.300	2.300	1,000	1,000
26,25	2.500	2.500	400	1	5.000	30,01	2.300	2.300	1,000	1,000
35	2.500	2.500	400	2	4.814	17,66	2.207	2.207	1,000	1,000
43,75	2.500	2.500	400	3	5.000	24,72	2.300	2.300	1,000	1,000
61,25	2.500	2.500	400	3	5.000	24,72	2.300	2.300	1,000	1,000
70	2.500	2.500	400	2	4.814	17,66	2.207	2.207	1,000	1,000
78,75	2.500	2.500	400	3	5.000	24,72	2.300	2.300	1,000	1,000
96,25	2.500	2.500	400	3	5.000	24,72	2.300	2.300	1,000	1,000
105	2.500	2.500	400	2	5.000	20,69	2.300	2.300	1,000	1,000
116,75	2.500	2.500	400	3	5.000	33,22	2.300	2.300	1,000	1,000
140,25	2.500	2.500	400	3	5.000	33,22	2.300	2.300	1,000	1,000
152	2.500	2.500	400	2	5.000	23,71	2.300	2.300	1,000	1,000
163,75	2.500	2.500	400	3	5.000	33,18	2.300	2.300	1,000	1,000
187,25	2.500	2.500	400	3	5.000	33,18	2.300	2.300	1,000	1,000
199	2.500	2.500	400	2	5.000	23,69	2.300	2.300	1,000	1,000



X (m)	b1* (mm)	b2* (mm)	b0 (mm)	Tipo	beff (mm)	Le (m)	be1 (mm)	be2 (mm)	beta1	beta2
116,75	2.500	2.500	400	3	5.000	33,22	2.300	2.300	1,000	1,000
140,25	2.500	2.500	400	3	5.000	33,22	2.300	2.300	1,000	1,000
152	2.500	2.500	400	2	5.000	23,71	2.300	2.300	1,000	1,000
163,75	2.500	2.500	400	3	5.000	33,18	2.300	2.300	1,000	1,000
187,25	2.500	2.500	400	3	5.000	33,18	2.300	2.300	1,000	1,000
199	2.500	2.500	400	2	5.000	23,69	2.300	2.300	1,000	1,000
210,75	2.500	2.500	400	3	5.000	33,15	2.300	2.300	1,000	1,000
234,25	2.500	2.500	400	3	5.000	33,15	2.300	2.300	1,000	1,000
246	2.500	2.500	400	2	5.000	23,62	2.300	2.300	1,000	1,000
257,75	2.500	2.500	400	3	5.000	32,98	2.300	2.300	1,000	1,000
281,25	2.500	2.500	400	3	5.000	32,98	2.300	2.300	1,000	1,000
293	2.500	2.500	400	2	5.000	20,74	2.300	2.300	1,000	1,000
301,75	3.300	3.300	400	1	6.600	30,47	3.100	3.100	1,000	1,000
319,25	3.300	3.300	400	1	6.600	30,47	3.100	3.100	1,000	1,000
328	3.300	3.300	400	0	5.334	30,47	3.100	3.100	0,796	0,796

Figura 4 – Riepilogo larghezze collaboranti delle sezioni trave

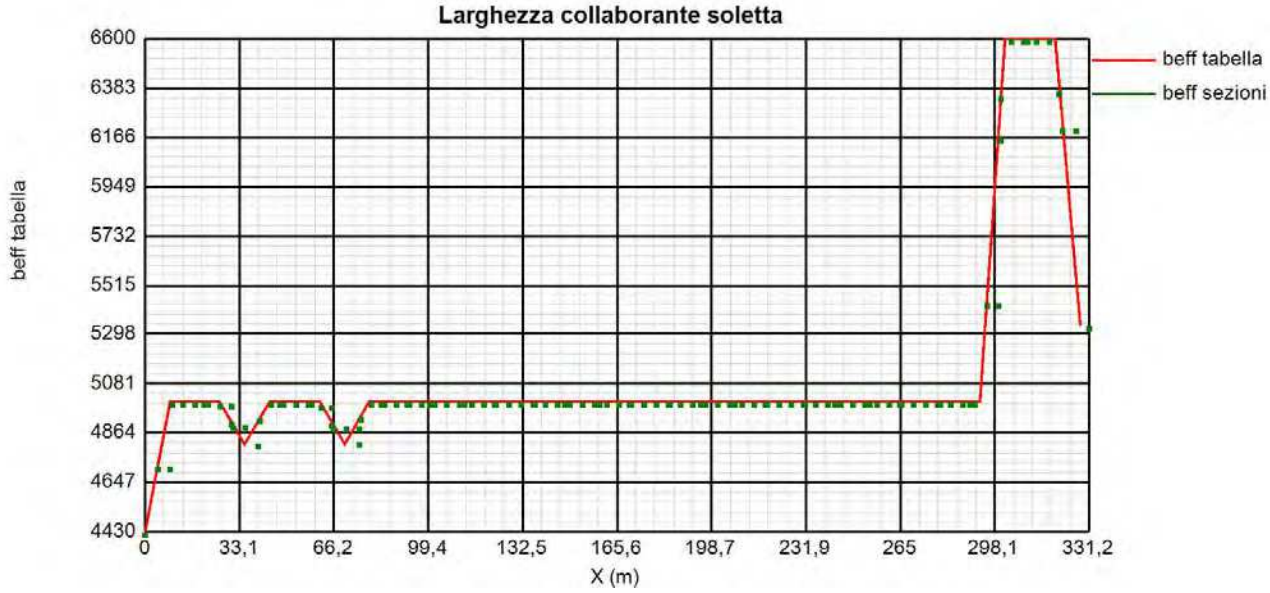


Figura 5 – Riepilogo larghezze collaboranti delle sezioni trave lungo l'asse impalcato

7.4 Rigidezze flessionali

Nella seguente tabella si riportano le proprietà geometriche attribuite nelle diverse fasi alle beam costituenti le travi principali laterali del graticcio, ottenute sulla base dei coefficienti di omogeneizzazione e delle larghezze collaboranti desunte nei precedenti paragrafi.
In questa tabella sono indicate anche le proprietà fessurate, considerate in prossimità delle zone a momento negativo, nelle quali infatti si è trascurato il contributo del calcestruzzo alla rigidezza dell'elemento, per un tratto pari al 15% della luce delle campate adiacenti all'appoggio intermedio; questo per tener conto della fessurazione della soletta in c.a., per la quale l'unico contributo considerato è quello fornito dalle armature longitudinali.

Concio C1

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x25 mm
Anima	20x2639 mm, Inclinazione: 21,8
Soletta	5846x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 26/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,277E+4	1,767E+5	2,157E+5	1,742E+5	3,389E+5	1,018E+5
z_G (mm)	1183,306	1868,062	2004,776	1857,387	2230,375	1310,786
J_Y (mm^4)	8,724E+10	1,793E+11	1,978E+11	1,778E+11	2,286E+11	1,044E+11
$W_{y,0}$ (mm^3)	-7,373E+7	-9,597E+7	-9,865E+7	-9,575E+7	-1,025E+8	-7,962E+7
$W_{y,1}$ (mm^3)	-7,532E+7	-9,728E+7	-9,99E+7	-9,706E+7	-1,037E+8	-8,116E+7
$W_{y,3}$ (mm^3)	6,754E+7	2,954E+8	4,206E+8	2,88E+8	9,345E+8	8,964E+7
$W_{y,4}$ (mm^3)	6,626E+7	2,837E+8	3,994E+8	2,768E+8	8,478E+8	8,776E+7
$W_{y,5}$ (mm^3)	1E+300	2,837E+8	3,994E+8	2,768E+8	8,478E+8	8,776E+7
$W_{y,6}$ (mm^3)	1E+300	2,668E+8	3,695E+8	2,605E+8	7,383E+8	8,49E+7
$W_{y,7}$ (mm^3)	1E+300	2,129E+8	2,804E+8	2,086E+8	4,766E+8	7,458E+7
$W_{y,8}$ (mm^3)	1E+300	2,033E+8	2,654E+8	1,992E+8	4,399E+8	7,251E+7
$S_{y,1}$(mm^3)	2,634E+7	4,175E+7	4,483E+7	4,151E+7	4,99E+7	2,921E+7
$S_{y,2}$(mm^3)	4,079E+7	7,834E+7	8,704E+7	7,767E+7	1,023E+8	4,702E+7
$S_{y,3}$(mm^3)	2,282E+7	7,437E+7	8,466E+7	7,356E+7	1,016E+8	3,242E+7
$S_{y,4}$(mm^3)	-7,451E-9	6,353E+7	7,621E+7	6,254E+7	9,714E+7	1,183E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C2

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x35 mm
Anima	16x2628 mm, Inclinazione: 21,8
Soletta	6451x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm

Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,105E+4	1,837E+5	2,266E+5	1,809E+5	3,627E+5	1,01E+5
z_G (mm)	1063,753	1851,031	1997,808	1839,433	2233,067	1217,292
J_y (mm^4)	9,236E+10	2,048E+11	2,259E+11	2,031E+11	2,6E+11	1,143E+11
$W_{y,0}$ (mm^3)	-8,682E+7	-1,106E+8	-1,131E+8	-1,104E+8	-1,164E+8	-9,386E+7
$W_{y,1}$ (mm^3)	-8,978E+7	-1,128E+8	-1,151E+8	-1,126E+8	-1,183E+8	-9,664E+7
$W_{y,3}$ (mm^3)	6,544E+7	3,282E+8	4,733E+8	3,196E+8	1,075E+9	9,084E+7
$W_{y,4}$ (mm^3)	6,43E+7	3,155E+8	4,497E+8	3,075E+8	9,741E+8	8,907E+7
$W_{y,5}$ (mm^3)	1E+300	3,155E+8	4,497E+8	3,075E+8	9,741E+8	8,907E+7
$W_{y,6}$ (mm^3)	1E+300	2,972E+8	4,166E+8	2,899E+8	8,471E+8	8,638E+7
$W_{y,7}$ (mm^3)	1E+300	2,384E+8	3,171E+8	2,333E+8	5,452E+8	7,654E+7
$W_{y,8}$ (mm^3)	1E+300	2,278E+8	3,003E+8	2,231E+8	5,03E+8	7,454E+7
$S_{y,1}$(mm^3)	3,296E+7	5,776E+7	6,238E+7	5,739E+7	6,979E+7	3,779E+7
$S_{y,2}$(mm^3)	4,208E+7	8,617E+7	9,557E+7	8,544E+7	1,114E+8	4,984E+7
$S_{y,3}$(mm^3)	2,492E+7	8,282E+7	9,361E+7	8,196E+7	1,109E+8	3,621E+7
$S_{y,4}$(mm^3)	7,451E-9	7,168E+7	8,504E+7	7,062E+7	1,065E+8	1,398E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C3

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x25 mm
Anima	18x2639 mm, Inclinazione: 21,8
Soletta	6451x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,75E+4	1,801E+5	2,231E+5	1,774E+5	3,591E+5	9,743E+4
z_G (mm)	1179,283	1922,674	2057,984	1911,939	2272,774	1326,642
J_y (mm^4)	8,458E+10	1,791E+11	1,965E+11	1,777E+11	2,243E+11	1,033E+11
$W_{y,0}$ (mm^3)	-7,172E+7	-9,316E+7	-9,546E+7	-9,297E+7	-9,871E+7	-7,786E+7
$W_{y,1}$ (mm^3)	-7,327E+7	-9,439E+7	-9,663E+7	-9,42E+7	-9,98E+7	-7,935E+7
$W_{y,3}$ (mm^3)	6,528E+7	3,243E+8	4,711E+8	3,157E+8	1,109E+9	8,995E+7
$W_{y,4}$ (mm^3)	6,404E+7	3,103E+8	4,445E+8	3,023E+8	9,873E+8	8,803E+7
$W_{y,5}$ (mm^3)	1E+300	3,103E+8	4,445E+8	3,023E+8	9,873E+8	8,803E+7
$W_{y,6}$ (mm^3)	1E+300	2,901E+8	4,076E+8	2,83E+8	8,395E+8	8,513E+7
$W_{y,7}$ (mm^3)	1E+300	2,275E+8	3,013E+8	2,227E+8	5,131E+8	7,467E+7
$W_{y,8}$ (mm^3)	1E+300	2,165E+8	2,839E+8	2,121E+8	4,701E+8	7,257E+7
$S_{y,1}$(mm^3)	2,625E+7	4,298E+7	4,602E+7	4,274E+7	5,086E+7	2,957E+7
$S_{y,2}$(mm^3)	3,917E+7	7,789E+7	8,609E+7	7,725E+7	9,983E+7	4,599E+7

$S_{y,3}$(mm^3)	2,289E+7	7,493E+7	8,44E+7	7,418E+7	9,943E+7	3,321E+7
$S_{y,4}$(mm^3)	1,49E-8	6,504E+7	7,688E+7	6,41E+7	9,568E+7	1,289E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C4

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x45 mm
Piattabanda inferiore	900x45 mm
Anima	22x2596 mm, Inclinazione: 21,8
Soletta	5579x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,291E+5	2,092E+5	2,464E+5	2,069E+5	3,64E+5	1,377E+5
z_G (mm)	1164,429	1723,627	1859,621	1713,408	2106,994	1255,529
J_Y (mm^4)	1,352E+11	2,411E+11	2,669E+11	2,391E+11	3,142E+11	1,524E+11
$W_{y,0}$ (mm^3)	-1,161E+8	-1,399E+8	-1,435E+8	-1,396E+8	-1,491E+8	-1,214E+8
$W_{y,1}$ (mm^3)	-1,208E+8	-1,436E+8	-1,471E+8	-1,433E+8	-1,524E+8	-1,259E+8
$W_{y,3}$ (mm^3)	1,048E+8	3,296E+8	4,483E+8	3,225E+8	9,028E+8	1,271E+8
$W_{y,4}$ (mm^3)	1,012E+8	3,105E+8	4,168E+8	3,04E+8	7,994E+8	1,225E+8
$W_{y,5}$ (mm^3)	1E+300	3,105E+8	4,168E+8	3,04E+8	7,994E+8	1,225E+8
$W_{y,6}$ (mm^3)	1E+300	2,953E+8	3,923E+8	2,893E+8	7,255E+8	1,187E+8
$W_{y,7}$ (mm^3)	1E+300	2,444E+8	3,139E+8	2,4E+8	5,21E+8	1,048E+8
$W_{y,8}$ (mm^3)	1E+300	2,349E+8	2,998E+8	2,307E+8	4,886E+8	1,02E+8
$S_{y,1}$(mm^3)	4,625E+7	6,89E+7	7,44E+7	6,848E+7	8,442E+7	4,994E+7
$S_{y,2}$(mm^3)	6,109E+7	1,023E+8	1,134E+8	1,015E+8	1,348E+8	6,73E+7
$S_{y,3}$(mm^3)	4,136E+7	9,594E+7	1,092E+8	9,494E+7	1,334E+8	5,025E+7
$S_{y,4}$(mm^3)	-1,49E-8	7,219E+7	8,975E+7	7,088E+7	1,217E+8	1,176E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C5

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x30 mm
Anima	16x2633 mm, Inclinazione: 21,8
Soletta	5789x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,663E+4	1,697E+5	2,083E+5	1,673E+5	3,304E+5	9,554E+4
z_G (mm)	1116,293	1854,984	1997,556	1843,785	2229,398	1257,011
J_y (mm^4)	8,742E+10	1,844E+11	2,033E+11	1,829E+11	2,342E+11	1,059E+11
$W_{y,0}$ (mm^3)	-7,832E+7	-9,942E+7	-1,018E+8	-9,922E+7	-1,051E+8	-8,423E+7
$W_{y,1}$ (mm^3)	-8,048E+7	-1,011E+8	-1,033E+8	-1,009E+8	-1,065E+8	-8,629E+7
$W_{y,3}$ (mm^3)	6,434E+7	2,975E+8	4,257E+8	2,898E+8	9,536E+8	8,693E+7
$W_{y,4}$ (mm^3)	6,318E+7	2,859E+8	4,045E+8	2,788E+8	8,655E+8	8,518E+7
$W_{y,5}$ (mm^3)	1E+300	2,859E+8	4,045E+8	2,788E+8	8,655E+8	8,518E+7
$W_{y,6}$ (mm^3)	1E+300	2,692E+8	3,747E+8	2,628E+8	7,54E+8	8,253E+7
$W_{y,7}$ (mm^3)	1E+300	2,157E+8	2,853E+8	2,112E+8	4,873E+8	7,287E+7
$W_{y,8}$ (mm^3)	1E+300	2,061E+8	2,701E+8	2,019E+8	4,499E+8	7,092E+7
$S_{y,1}$(mm^3)	2,973E+7	4,968E+7	5,353E+7	4,938E+7	5,979E+7	3,353E+7
$S_{y,2}$(mm^3)	3,99E+7	7,838E+7	8,688E+7	7,772E+7	1,015E+8	4,651E+7
$S_{y,3}$(mm^3)	2,4E+7	7,506E+7	8,492E+7	7,429E+7	1,009E+8	3,372E+7
$S_{y,4}$(mm^3)	0E+00	6,4E+7	7,635E+7	6,302E+7	9,643E+7	1,219E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C6

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x35 mm
Anima	16x2628 mm, Inclinazione: 21,8
Soletta	5789x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,105E+4	1,742E+5	2,127E+5	1,717E+5	3,348E+5	9,996E+4
z_G (mm)	1063,753	1808,794	1956,783	1797,229	2200,436	1202,941
J_y (mm^4)	9,236E+10	1,987E+11	2,2E+11	1,971E+11	2,552E+11	1,122E+11
$W_{y,0}$ (mm^3)	-8,682E+7	-1,099E+8	-1,124E+8	-1,096E+8	-1,16E+8	-9,328E+7
$W_{y,1}$ (mm^3)	-8,978E+7	-1,12E+8	-1,145E+8	-1,118E+8	-1,179E+8	-9,607E+7
$W_{y,3}$ (mm^3)	6,544E+7	2,983E+8	4,244E+8	2,907E+8	9,296E+8	8,821E+7
$W_{y,4}$ (mm^3)	6,43E+7	2,875E+8	4,049E+8	2,804E+8	8,52E+8	8,651E+7
$W_{y,5}$ (mm^3)	1E+300	2,875E+8	4,049E+8	2,804E+8	8,52E+8	8,651E+7
$W_{y,6}$ (mm^3)	1E+300	2,718E+8	3,771E+8	2,653E+8	7,516E+8	8,392E+7
$W_{y,7}$ (mm^3)	1E+300	2,205E+8	2,92E+8	2,159E+8	5,009E+8	7,445E+7
$W_{y,8}$ (mm^3)	1E+300	2,111E+8	2,773E+8	2,068E+8	4,644E+8	7,253E+7
$S_{y,1}$(mm^3)	3,296E+7	5,643E+7	6,109E+7	5,606E+7	6,876E+7	3,734E+7
$S_{y,2}$(mm^3)	4,208E+7	8,354E+7	9,291E+7	8,282E+7	1,092E+8	4,909E+7
$S_{y,3}$(mm^3)	2,492E+7	7,971E+7	9,06E+7	7,886E+7	1,085E+8	3,515E+7
$S_{y,4}$(mm^3)	7,451E-9	6,783E+7	8,131E+7	6,678E+7	1,035E+8	1,267E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C7

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x30 mm
Anima	16x2633 mm, Inclinazione: 21,8
Soletta	5723x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,663E+4	1,688E+5	2,069E+5	1,664E+5	3,276E+5	9,544E+4
z_G (mm)	1116,293	1850,661	1993,35	1839,467	2226,043	1255,555
J_y (mm^4)	8,742E+10	1,839E+11	2,027E+11	1,824E+11	2,337E+11	1,057E+11
$W_{y,0}$ (mm^3)	-7,832E+7	-9,935E+7	-1,017E+8	-9,915E+7	-1,05E+8	-8,418E+7
$W_{y,1}$ (mm^3)	-8,048E+7	-1,01E+8	-1,032E+8	-1,008E+8	-1,064E+8	-8,624E+7
$W_{y,3}$ (mm^3)	6,434E+7	2,945E+8	4,209E+8	2,87E+8	9,389E+8	8,667E+7
$W_{y,4}$ (mm^3)	6,318E+7	2,831E+8	4,001E+8	2,761E+8	8,532E+8	8,493E+7
$W_{y,5}$ (mm^3)	1E+300	2,831E+8	4,001E+8	2,761E+8	8,532E+8	8,493E+7
$W_{y,6}$ (mm^3)	1E+300	2,667E+8	3,708E+8	2,603E+8	7,445E+8	8,228E+7
$W_{y,7}$ (mm^3)	1E+300	2,139E+8	2,828E+8	2,095E+8	4,83E+8	7,267E+7
$W_{y,8}$ (mm^3)	1E+300	2,044E+8	2,679E+8	2,003E+8	4,461E+8	7,072E+7
$S_{y,1}$(mm^3)	2,973E+7	4,956E+7	5,342E+7	4,926E+7	5,97E+7	3,349E+7
$S_{y,2}$(mm^3)	3,99E+7	7,812E+7	8,663E+7	7,747E+7	1,013E+8	4,644E+7
$S_{y,3}$(mm^3)	2,4E+7	7,477E+7	8,463E+7	7,399E+7	1,007E+8	3,362E+7
$S_{y,4}$(mm^3)	0E+00	6,362E+7	7,598E+7	6,265E+7	9,614E+7	1,206E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C8

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x40 mm
Piattabanda inferiore	900x45 mm
Anima	20x2601 mm, Inclinazione: 21,8
Soletta	5230x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,205E+5	1,956E+5	2,304E+5	1,934E+5	3,407E+5	1,286E+5
z_G (mm)	1124,347	1700,381	1840,19	1689,871	2094,22	1218,316
J_y (mm^4)	1,268E+11	2,314E+11	2,568E+11	2,295E+11	3,033E+11	1,438E+11
$W_{y,0}$ (mm^3)	-1,128E+8	-1,361E+8	-1,396E+8	-1,358E+8	-1,449E+8	-1,181E+8
$W_{y,1}$ (mm^3)	-1,175E+8	-1,398E+8	-1,431E+8	-1,395E+8	-1,48E+8	-1,226E+8
$W_{y,3}$ (mm^3)	9,492E+7	3,046E+8	4,144E+8	2,979E+8	8,293E+8	1,158E+8

$W_{y,4}$ (mm^3)	9,216E+7	2,893E+8	3,892E+8	2,832E+8	7,476E+8	1,122E+8
$W_{y,5}$ (mm^3)	1E+300	2,893E+8	3,892E+8	2,832E+8	7,476E+8	1,122E+8
$W_{y,6}$ (mm^3)	1E+300	2,756E+8	3,67E+8	2,699E+8	6,805E+8	1,088E+8
$W_{y,7}$ (mm^3)	1E+300	2,292E+8	2,953E+8	2,249E+8	4,926E+8	9,642E+7
$W_{y,8}$ (mm^3)	1E+300	2,204E+8	2,823E+8	2,164E+8	4,626E+8	9,39E+7
$S_{y,1}$(mm^3)	4,462E+7	6,795E+7	7,362E+7	6,753E+7	8,39E+7	4,843E+7
$S_{y,2}$(mm^3)	5,717E+7	9,747E+7	1,083E+8	9,667E+7	1,291E+8	6,326E+7
$S_{y,3}$(mm^3)	3,796E+7	9,125E+7	1,042E+8	9,028E+7	1,277E+8	4,665E+7
$S_{y,4}$(mm^3)	-2,98E-8	6,942E+7	8,627E+7	6,816E+7	1,169E+8	1,133E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C9

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x25 mm
Anima	16x2639 mm, Inclinazione: 21,8
Soletta	5789x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,222E+4	1,653E+5	2,039E+5	1,629E+5	3,26E+5	9,113E+4
z_G (mm)	1174,744	1903,773	2040,203	1893	2259,213	1316,561
J_y (mm^4)	8,191E+10	1,693E+11	1,858E+11	1,68E+11	2,125E+11	9,889E+10
$W_{y,0}$ (mm^3)	-6,973E+7	-8,892E+7	-9,105E+7	-8,874E+7	-9,406E+7	-7,511E+7
$W_{y,1}$ (mm^3)	-7,124E+7	-9,011E+7	-9,218E+7	-8,993E+7	-9,512E+7	-7,656E+7
$W_{y,3}$ (mm^3)	6,3E+7	2,964E+8	4,272E+8	2,886E+8	9,848E+8	8,536E+7
$W_{y,4}$ (mm^3)	6,181E+7	2,839E+8	4,04E+8	2,768E+8	8,826E+8	8,356E+7
$W_{y,5}$ (mm^3)	1E+300	2,839E+8	4,04E+8	2,768E+8	8,826E+8	8,356E+7
$W_{y,6}$ (mm^3)	1E+300	2,661E+8	3,717E+8	2,596E+8	7,568E+8	8,083E+7
$W_{y,7}$ (mm^3)	1E+300	2,1E+8	2,773E+8	2,056E+8	4,714E+8	7,097E+7
$W_{y,8}$ (mm^3)	1E+300	2,001E+8	2,617E+8	1,96E+8	4,33E+8	6,898E+7
$S_{y,1}$(mm^3)	2,615E+7	4,255E+7	4,562E+7	4,231E+7	5,055E+7	2,934E+7
$S_{y,2}$(mm^3)	3,754E+7	7,297E+7	8,061E+7	7,238E+7	9,356E+7	4,371E+7
$S_{y,3}$(mm^3)	2,297E+7	7,016E+7	7,899E+7	6,946E+7	9,316E+7	3,215E+7
$S_{y,4}$(mm^3)	0E+00	5,994E+7	7,116E+7	5,905E+7	8,916E+7	1,166E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C10

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x35 mm
Anima	16x2628 mm, Inclinazione: 21,8
Soletta	5789x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm

Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,105E+4	1,742E+5	2,127E+5	1,717E+5	3,348E+5	9,996E+4
z_G (mm)	1063,753	1808,794	1956,783	1797,229	2200,436	1202,941
J_y (mm^4)	9,236E+10	1,987E+11	2,2E+11	1,971E+11	2,552E+11	1,122E+11
$W_{y,0}$ (mm^3)	-8,682E+7	-1,099E+8	-1,124E+8	-1,096E+8	-1,16E+8	-9,328E+7
$W_{y,1}$ (mm^3)	-8,978E+7	-1,12E+8	-1,145E+8	-1,118E+8	-1,179E+8	-9,607E+7
$W_{y,3}$ (mm^3)	6,544E+7	2,983E+8	4,244E+8	2,907E+8	9,296E+8	8,821E+7
$W_{y,4}$ (mm^3)	6,43E+7	2,875E+8	4,049E+8	2,804E+8	8,52E+8	8,651E+7
$W_{y,5}$ (mm^3)	1E+300	2,875E+8	4,049E+8	2,804E+8	8,52E+8	8,651E+7
$W_{y,6}$ (mm^3)	1E+300	2,718E+8	3,771E+8	2,653E+8	7,516E+8	8,392E+7
$W_{y,7}$ (mm^3)	1E+300	2,205E+8	2,92E+8	2,159E+8	5,009E+8	7,445E+7
$W_{y,8}$ (mm^3)	1E+300	2,111E+8	2,773E+8	2,068E+8	4,644E+8	7,253E+7
$S_{y,1}$(mm^3)	3,296E+7	5,643E+7	6,109E+7	5,606E+7	6,876E+7	3,734E+7
$S_{y,2}$(mm^3)	4,208E+7	8,354E+7	9,291E+7	8,282E+7	1,092E+8	4,909E+7
$S_{y,3}$(mm^3)	2,492E+7	7,971E+7	9,06E+7	7,886E+7	1,085E+8	3,515E+7
$S_{y,4}$(mm^3)	7,451E-9	6,783E+7	8,131E+7	6,678E+7	1,035E+8	1,267E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C11

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x30 mm
Anima	16x2633 mm, Inclinazione: 21,8
Soletta	5789x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,663E+4	1,697E+5	2,083E+5	1,673E+5	3,304E+5	9,554E+4
z_G (mm)	1116,293	1854,984	1997,556	1843,785	2229,398	1257,011
J_y (mm^4)	8,742E+10	1,844E+11	2,033E+11	1,829E+11	2,342E+11	1,059E+11
$W_{y,0}$ (mm^3)	-7,832E+7	-9,942E+7	-1,018E+8	-9,922E+7	-1,051E+8	-8,423E+7
$W_{y,1}$ (mm^3)	-8,048E+7	-1,011E+8	-1,033E+8	-1,009E+8	-1,065E+8	-8,629E+7
$W_{y,3}$ (mm^3)	6,434E+7	2,975E+8	4,257E+8	2,898E+8	9,536E+8	8,693E+7
$W_{y,4}$ (mm^3)	6,318E+7	2,859E+8	4,045E+8	2,788E+8	8,655E+8	8,518E+7
$W_{y,5}$ (mm^3)	1E+300	2,859E+8	4,045E+8	2,788E+8	8,655E+8	8,518E+7
$W_{y,6}$ (mm^3)	1E+300	2,692E+8	3,747E+8	2,628E+8	7,54E+8	8,253E+7
$W_{y,7}$ (mm^3)	1E+300	2,157E+8	2,853E+8	2,112E+8	4,873E+8	7,287E+7
$W_{y,8}$ (mm^3)	1E+300	2,061E+8	2,701E+8	2,019E+8	4,499E+8	7,092E+7
$S_{y,1}$(mm^3)	2,973E+7	4,968E+7	5,353E+7	4,938E+7	5,979E+7	3,353E+7
$S_{y,2}$(mm^3)	3,99E+7	7,838E+7	8,688E+7	7,772E+7	1,015E+8	4,651E+7
$S_{y,3}$(mm^3)	2,4E+7	7,506E+7	8,492E+7	7,429E+7	1,009E+8	3,372E+7

$S_{y,4}$(mm^3)	0E+00	6,4E+7	7,635E+7	6,302E+7	9,643E+7	1,219E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C12

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x52 mm
Piattabanda inferiore	900x53 mm
Anima	22x2579 mm, Inclinazione: 21,8
Soletta	5481x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,408E+5	2,195E+5	2,561E+5	2,172E+5	3,716E+5	1,493E+5
z_G (mm)	1152,172	1680,07	1814,835	1670,049	2066,809	1235,413
J_Y (mm^4)	1,517E+11	2,617E+11	2,898E+11	2,596E+11	3,427E+11	1,691E+11
$W_{y,0}$ (mm^3)	-1,317E+8	-1,558E+8	-1,597E+8	-1,554E+8	-1,658E+8	-1,368E+8
$W_{y,1}$ (mm^3)	-1,38E+8	-1,608E+8	-1,645E+8	-1,605E+8	-1,702E+8	-1,43E+8
$W_{y,3}$ (mm^3)	1,171E+8	3,408E+8	4,577E+8	3,337E+8	8,99E+8	1,394E+8
$W_{y,4}$ (mm^3)	1,126E+8	3,191E+8	4,23E+8	3,128E+8	7,911E+8	1,337E+8
$W_{y,5}$ (mm^3)	1E+300	3,191E+8	4,23E+8	3,128E+8	7,911E+8	1,337E+8
$W_{y,6}$ (mm^3)	1E+300	3,043E+8	3,997E+8	2,984E+8	7,242E+8	1,296E+8
$W_{y,7}$ (mm^3)	1E+300	2,541E+8	3,238E+8	2,496E+8	5,328E+8	1,147E+8
$W_{y,8}$ (mm^3)	1E+300	2,446E+8	3,099E+8	2,404E+8	5,016E+8	1,116E+8
$S_{y,1}$(mm^3)	5,369E+7	7,888E+7	8,53E+7	7,84E+7	9,732E+7	5,767E+7
$S_{y,2}$(mm^3)	6,801E+7	1,102E+8	1,221E+8	1,094E+8	1,454E+8	7,423E+7
$S_{y,3}$(mm^3)	4,811E+7	1,033E+8	1,173E+8	1,022E+8	1,436E+8	5,681E+7
$S_{y,4}$(mm^3)	1,49E-8	7,435E+7	9,333E+7	7,294E+7	1,288E+8	1,172E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C13

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	16x2617 mm, Inclinazione: 21,8
Soletta	6406x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,787E+4	1,898E+5	2,325E+5	1,871E+5	3,676E+5	1,077E+5
z_G (mm)	1161,852	1870,658	2009,122	1859,805	2235,448	1295,776
J_y (mm^4)	1,049E+11	2,069E+11	2,27E+11	2,054E+11	2,601E+11	1,242E+11
$W_{y,0}$ (mm^3)	-9,03E+7	-1,106E+8	-1,13E+8	-1,104E+8	-1,163E+8	-9,583E+7
$W_{y,1}$ (mm^3)	-9,311E+7	-1,127E+8	-1,15E+8	-1,125E+8	-1,182E+8	-9,849E+7
$W_{y,3}$ (mm^3)	8,051E+7	3,482E+8	4,979E+8	3,393E+8	1,133E+9	1,062E+8
$W_{y,4}$ (mm^3)	7,841E+7	3,288E+8	4,624E+8	3,208E+8	9,831E+8	1,031E+8
$W_{y,5}$ (mm^3)	1E+300	3,288E+8	4,624E+8	3,208E+8	9,831E+8	1,031E+8
$W_{y,6}$ (mm^3)	1E+300	3,091E+8	4,275E+8	3,019E+8	8,54E+8	9,98E+7
$W_{y,7}$ (mm^3)	1E+300	2,465E+8	3,238E+8	2,415E+8	5,481E+8	8,78E+7
$W_{y,8}$ (mm^3)	1E+300	2,353E+8	3,064E+8	2,307E+8	5,055E+8	8,538E+7
$S_{y,1}$(mm^3)	3,605E+7	5,837E+7	6,274E+7	5,803E+7	6,987E+7	4,027E+7
$S_{y,2}$(mm^3)	4,699E+7	8,741E+7	9,631E+7	8,672E+7	1,116E+8	5,396E+7
$S_{y,3}$(mm^3)	3,236E+7	8,436E+7	9,452E+7	8,357E+7	1,111E+8	4,218E+7
$S_{y,4}$(mm^3)	1,118E-8	6,937E+7	8,293E+7	6,831E+7	1,051E+8	1,311E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C14

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x30 mm
Piattabanda inferiore	900x45 mm
Anima	16x2612 mm, Inclinazione: 21,8
Soletta	6650x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,033E+5	1,988E+5	2,431E+5	1,96E+5	3,833E+5	1,135E+5
z_G (mm)	1022,817	1792,395	1944,164	1780,519	2193,26	1167,29
J_y (mm^4)	1,082E+11	2,361E+11	2,614E+11	2,341E+11	3,034E+11	1,322E+11
$W_{y,0}$ (mm^3)	-1,058E+8	-1,317E+8	-1,345E+8	-1,315E+8	-1,383E+8	-1,132E+8
$W_{y,1}$ (mm^3)	-1,107E+8	-1,351E+8	-1,377E+8	-1,349E+8	-1,412E+8	-1,178E+8
$W_{y,3}$ (mm^3)	7,477E+7	3,484E+8	4,972E+8	3,395E+8	1,096E+9	1,015E+8
$W_{y,4}$ (mm^3)	7,326E+7	3,336E+8	4,703E+8	3,254E+8	9,891E+8	9,919E+7
$W_{y,5}$ (mm^3)	1E+300	3,336E+8	4,703E+8	3,254E+8	9,891E+8	9,919E+7
$W_{y,6}$ (mm^3)	1E+300	3,158E+8	4,388E+8	3,082E+8	8,75E+8	9,63E+7
$W_{y,7}$ (mm^3)	1E+300	2,573E+8	3,414E+8	2,519E+8	5,871E+8	8,569E+7
$W_{y,8}$ (mm^3)	1E+300	2,465E+8	3,244E+8	2,415E+8	5,449E+8	8,352E+7
$S_{y,1}$(mm^3)	4,051E+7	7,168E+7	7,783E+7	7,12E+7	8,792E+7	4,636E+7
$S_{y,2}$(mm^3)	4,875E+7	9,799E+7	1,089E+8	9,715E+7	1,277E+8	5,722E+7
$S_{y,3}$(mm^3)	3,071E+7	9,403E+7	1,065E+8	9,306E+7	1,27E+8	4,259E+7
$S_{y,4}$(mm^3)	3,725E-9	7,949E+7	9,516E+7	7,826E+7	1,209E+8	1,492E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C15

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm

Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	16x2617 mm, Inclinazione: 21,8
Soletta	6628x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,787E+4	1,93E+5	2,372E+5	1,902E+5	3,77E+5	1,081E+5
z_G (mm)	1161,852	1883,113	2021,238	1872,249	2245,108	1299,979
J_y (mm^4)	1,049E+11	2,087E+11	2,287E+11	2,072E+11	2,615E+11	1,248E+11
$W_{y,0}$ (mm^3)	-9,03E+7	-1,108E+8	-1,132E+8	-1,106E+8	-1,165E+8	-9,598E+7
$W_{y,1}$ (mm^3)	-9,311E+7	-1,129E+8	-1,152E+8	-1,128E+8	-1,183E+8	-9,864E+7
$W_{y,3}$ (mm^3)	8,051E+7	3,587E+8	5,154E+8	3,495E+8	1,189E+9	1,071E+8
$W_{y,4}$ (mm^3)	7,841E+7	3,383E+8	4,778E+8	3,3E+8	1,026E+9	1,04E+8
$W_{y,5}$ (mm^3)	1E+300	3,383E+8	4,778E+8	3,3E+8	1,026E+9	1,04E+8
$W_{y,6}$ (mm^3)	1E+300	3,177E+8	4,409E+8	3,102E+8	8,868E+8	1,006E+8
$W_{y,7}$ (mm^3)	1E+300	2,524E+8	3,321E+8	2,473E+8	5,625E+8	8,849E+7
$W_{y,8}$ (mm^3)	1E+300	2,408E+8	3,139E+8	2,36E+8	5,18E+8	8,605E+7
$S_{y,1}$(mm^3)	3,605E+7	5,877E+7	6,312E+7	5,842E+7	7,017E+7	4,04E+7
$S_{y,2}$(mm^3)	4,699E+7	8,82E+7	9,711E+7	8,751E+7	1,123E+8	5,419E+7
$S_{y,3}$(mm^3)	3,236E+7	8,528E+7	9,541E+7	8,448E+7	1,118E+8	4,249E+7
$S_{y,4}$(mm^3)	1,118E-8	7,059E+7	8,411E+7	6,953E+7	1,06E+8	1,352E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C16

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x66 mm
Piattabanda inferiore	900x61 mm
Anima	22x2556 mm, Inclinazione: 21,8
Soletta	5905x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,573E+5	2,421E+5	2,814E+5	2,396E+5	4,06E+5	1,664E+5
z_G (mm)	1180,935	1686,589	1817,768	1676,869	2065,378	1259,813
J_y (mm^4)	1,757E+11	2,911E+11	3,211E+11	2,889E+11	3,78E+11	1,937E+11
$W_{y,0}$ (mm^3)	-1,488E+8	-1,726E+8	-1,766E+8	-1,723E+8	-1,83E+8	-1,538E+8
$W_{y,1}$ (mm^3)	-1,569E+8	-1,791E+8	-1,828E+8	-1,788E+8	-1,886E+8	-1,616E+8
$W_{y,3}$ (mm^3)	1,402E+8	3,895E+8	5,211E+8	3,815E+8	1,025E+9	1,65E+8
$W_{y,4}$ (mm^3)	1,332E+8	3,579E+8	4,706E+8	3,509E+8	8,697E+8	1,562E+8

$W_{y,5}$ (mm^3)	1E+300	3,579E+8	4,706E+8	3,509E+8	8,697E+8	1,562E+8
$W_{y,6}$ (mm^3)	1E+300	3,411E+8	4,446E+8	3,347E+8	7,964E+8	1,513E+8
$W_{y,7}$ (mm^3)	1E+300	2,844E+8	3,599E+8	2,796E+8	5,864E+8	1,336E+8
$W_{y,8}$ (mm^3)	1E+300	2,737E+8	3,444E+8	2,692E+8	5,521E+8	1,3E+8
$S_{y,1}$(mm^3)	6,316E+7	9,092E+7	9,812E+7	9,039E+7	1,117E+8	6,749E+7
$S_{y,2}$(mm^3)	7,802E+7	1,222E+8	1,347E+8	1,213E+8	1,593E+8	8,452E+7
$S_{y,3}$(mm^3)	5,942E+7	1,156E+8	1,302E+8	1,145E+8	1,577E+8	6,818E+7
$S_{y,4}$(mm^3)	0E+00	7,955E+7	1,002E+8	7,802E+7	1,391E+8	1,241E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C17

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	18x2617 mm, Inclinazione: 21,8
Soletta	6508x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,965E+5	2,399E+5	1,938E+5	3,771E+5	1,131E+5
z_G (mm)	1166,326	1859,749	1998,063	1848,948	2226,207	1295,503
J_Y (mm^4)	1,075E+11	2,123E+11	2,334E+11	2,107E+11	2,684E+11	1,27E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,142E+8	-1,168E+8	-1,14E+8	-1,206E+8	-9,806E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,164E+8	-1,189E+8	-1,162E+8	-1,225E+8	-1,008E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,508E+8	4,998E+8	3,42E+8	1,124E+9	1,086E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,316E+8	4,649E+8	3,236E+8	9,803E+8	1,055E+8
$W_{y,5}$ (mm^3)	1E+300	3,316E+8	4,649E+8	3,236E+8	9,803E+8	1,055E+8
$W_{y,6}$ (mm^3)	1E+300	3,121E+8	4,306E+8	3,049E+8	8,553E+8	1,021E+8
$W_{y,7}$ (mm^3)	1E+300	2,497E+8	3,278E+8	2,447E+8	5,548E+8	8,981E+7
$W_{y,8}$ (mm^3)	1E+300	2,385E+8	3,103E+8	2,338E+8	5,124E+8	8,734E+7
$S_{y,1}$(mm^3)	3,619E+7	5,803E+7	6,239E+7	5,769E+7	6,957E+7	4,026E+7
$S_{y,2}$(mm^3)	4,859E+7	9,031E+7	9,974E+7	8,959E+7	1,161E+8	5,566E+7
$S_{y,3}$(mm^3)	3,225E+7	8,676E+7	9,763E+7	8,591E+7	1,156E+8	4,24E+7
$S_{y,4}$(mm^3)	7,451E-9	7,15E+7	8,576E+7	7,038E+7	1,093E+8	1,332E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C18

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x45 mm
Anima	16x2617 mm, Inclinazione: 21,8
Soletta	6650x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,987E+4	1,953E+5	2,397E+5	1,925E+5	3,799E+5	1,101E+5
z_G (mm)	973,266	1780,509	1936,638	1768,25	2190,751	1126,824
J_y (mm^4)	1,008E+11	2,345E+11	2,605E+11	2,324E+11	3,031E+11	1,262E+11
$W_{y,0}$ (mm^3)	-1,036E+8	-1,317E+8	-1,345E+8	-1,315E+8	-1,384E+8	-1,12E+8
$W_{y,1}$ (mm^3)	-1,086E+8	-1,351E+8	-1,377E+8	-1,349E+8	-1,413E+8	-1,167E+8
$W_{y,3}$ (mm^3)	6,712E+7	3,376E+8	4,838E+8	3,289E+8	1,066E+9	9,361E+7
$W_{y,4}$ (mm^3)	6,602E+7	3,259E+8	4,623E+8	3,177E+8	9,802E+8	9,19E+7
$W_{y,5}$ (mm^3)	1E+300	3,259E+8	4,623E+8	3,177E+8	9,802E+8	9,19E+7
$W_{y,6}$ (mm^3)	1E+300	3,087E+8	4,317E+8	3,012E+8	8,679E+8	8,93E+7
$W_{y,7}$ (mm^3)	1E+300	2,523E+8	3,368E+8	2,468E+8	5,838E+8	7,971E+7
$W_{y,8}$ (mm^3)	1E+300	2,419E+8	3,202E+8	2,368E+8	5,42E+8	7,775E+7
$S_{y,1}$(mm^3)	3,851E+7	7,12E+7	7,752E+7	7,07E+7	8,781E+7	4,473E+7
$S_{y,2}$(mm^3)	4,593E+7	9,715E+7	1,084E+8	9,629E+7	1,275E+8	5,481E+7
$S_{y,3}$(mm^3)	2,65E+7	9,3E+7	1,059E+8	9,199E+7	1,268E+8	3,915E+7
$S_{y,4}$(mm^3)	1,863E-8	8,062E+7	9,622E+7	7,94E+7	1,216E+8	1,534E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C19

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	18x2617 mm, Inclinazione: 21,8
Soletta	6591x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,977E+5	2,416E+5	1,95E+5	3,806E+5	1,133E+5
z_G (mm)	1166,326	1864,361	2002,589	1853,552	2229,869	1297,003
J_y (mm^4)	1,075E+11	2,13E+11	2,34E+11	2,114E+11	2,69E+11	1,273E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,143E+8	-1,169E+8	-1,14E+8	-1,206E+8	-9,812E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,165E+8	-1,19E+8	-1,162E+8	-1,225E+8	-1,008E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,547E+8	5,062E+8	3,457E+8	1,144E+9	1,09E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,351E+8	4,705E+8	3,27E+8	9,957E+8	1,058E+8
$W_{y,5}$ (mm^3)	1E+300	3,351E+8	4,705E+8	3,27E+8	9,957E+8	1,058E+8
$W_{y,6}$ (mm^3)	1E+300	3,153E+8	4,355E+8	3,079E+8	8,672E+8	1,024E+8
$W_{y,7}$ (mm^3)	1E+300	2,519E+8	3,309E+8	2,468E+8	5,602E+8	9,006E+7
$W_{y,8}$ (mm^3)	1E+300	2,405E+8	3,131E+8	2,358E+8	5,171E+8	8,758E+7
$S_{y,1}$(mm^3)	3,619E+7	5,818E+7	6,253E+7	5,784E+7	6,969E+7	4,03E+7
$S_{y,2}$(mm^3)	4,859E+7	9,061E+7	1,001E+8	8,989E+7	1,164E+8	5,574E+7
$S_{y,3}$(mm^3)	3,225E+7	8,712E+7	9,798E+7	8,627E+7	1,159E+8	4,252E+7
$S_{y,4}$(mm^3)	7,451E-9	7,197E+7	8,623E+7	7,086E+7	1,097E+8	1,347E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C20

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x66 mm
Piattabanda inferiore	900x61 mm
Anima	22x2556 mm, Inclinazione: 21,8
Soletta	5863x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,573E+5	2,415E+5	2,806E+5	2,39E+5	4,042E+5	1,664E+5
z_G (mm)	1180,935	1684,246	1815,228	1674,547	2062,93	1259,283
J_y (mm^4)	1,757E+11	2,905E+11	3,205E+11	2,883E+11	3,774E+11	1,936E+11
$W_{y,0}$ (mm^3)	-1,488E+8	-1,725E+8	-1,766E+8	-1,722E+8	-1,83E+8	-1,537E+8
$W_{y,1}$ (mm^3)	-1,569E+8	-1,79E+8	-1,827E+8	-1,787E+8	-1,885E+8	-1,616E+8
$W_{y,3}$ (mm^3)	1,402E+8	3,875E+8	5,18E+8	3,797E+8	1,017E+9	1,648E+8
$W_{y,4}$ (mm^3)	1,332E+8	3,562E+8	4,68E+8	3,493E+8	8,635E+8	1,56E+8
$W_{y,5}$ (mm^3)	1E+300	3,562E+8	4,68E+8	3,493E+8	8,635E+8	1,56E+8
$W_{y,6}$ (mm^3)	1E+300	3,395E+8	4,422E+8	3,332E+8	7,911E+8	1,512E+8
$W_{y,7}$ (mm^3)	1E+300	2,833E+8	3,582E+8	2,785E+8	5,833E+8	1,335E+8
$W_{y,8}$ (mm^3)	1E+300	2,726E+8	3,429E+8	2,681E+8	5,493E+8	1,299E+8
$S_{y,1}$(mm^3)	6,316E+7	9,079E+7	9,798E+7	9,026E+7	1,116E+8	6,746E+7
$S_{y,2}$(mm^3)	7,802E+7	1,22E+8	1,344E+8	1,211E+8	1,591E+8	8,447E+7
$S_{y,3}$(mm^3)	5,942E+7	1,153E+8	1,299E+8	1,143E+8	1,574E+8	6,812E+7
$S_{y,4}$(mm^3)	0E+00	7,918E+7	9,979E+7	7,766E+7	1,388E+8	1,233E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C21

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	18x2617 mm, Inclinazione: 21,8
Soletta	5964x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,887E+5	2,285E+5	1,862E+5	3,542E+5	1,123E+5

z_G (mm)	1166,326	1828,082	1966,686	1817,355	2200,42	1285,588
J_y (mm^4)	1,075E+11	2,075E+11	2,286E+11	2,059E+11	2,644E+11	1,255E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,135E+8	-1,162E+8	-1,133E+8	-1,202E+8	-9,765E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,157E+8	-1,183E+8	-1,155E+8	-1,221E+8	-1,004E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,258E+8	4,587E+8	3,179E+8	9,993E+8	1,064E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,089E+8	4,286E+8	3,016E+8	8,825E+8	1,034E+8
$W_{y,5}$ (mm^3)	1E+300	3,089E+8	4,286E+8	3,016E+8	8,825E+8	1,034E+8
$W_{y,6}$ (mm^3)	1E+300	2,915E+8	3,987E+8	2,849E+8	7,786E+8	1,001E+8
$W_{y,7}$ (mm^3)	1E+300	2,353E+8	3,075E+8	2,307E+8	5,188E+8	8,813E+7
$W_{y,8}$ (mm^3)	1E+300	2,251E+8	2,918E+8	2,208E+8	4,811E+8	8,572E+7
$S_{y,1}$(mm^3)	3,619E+7	5,703E+7	6,14E+7	5,67E+7	6,876E+7	3,994E+7
$S_{y,2}$(mm^3)	4,859E+7	8,82E+7	9,757E+7	8,749E+7	1,142E+8	5,51E+7
$S_{y,3}$(mm^3)	3,225E+7	8,427E+7	9,516E+7	8,342E+7	1,135E+8	4,162E+7
$S_{y,4}$(mm^3)	7,451E-9	6,823E+7	8,252E+7	6,713E+7	1,066E+8	1,23E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C22

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x45 mm
Anima	16x2617 mm, Inclinazione: 21,8
Soletta	6000x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,987E+4	1,86E+5	2,26E+5	1,835E+5	3,525E+5	1,091E+5
z_G (mm)	973,266	1738,144	1895,023	1725,955	2157,036	1113,086
J_y (mm^4)	1,008E+11	2,274E+11	2,535E+11	2,254E+11	2,974E+11	1,239E+11
$W_{y,0}$ (mm^3)	-1,036E+8	-1,309E+8	-1,338E+8	-1,306E+8	-1,379E+8	-1,113E+8
$W_{y,1}$ (mm^3)	-1,086E+8	-1,343E+8	-1,37E+8	-1,341E+8	-1,408E+8	-1,16E+8
$W_{y,3}$ (mm^3)	6,712E+7	3,087E+8	4,371E+8	3,009E+8	9,354E+8	9,099E+7
$W_{y,4}$ (mm^3)	6,602E+7	2,985E+8	4,191E+8	2,912E+8	8,672E+8	8,935E+7
$W_{y,5}$ (mm^3)	1E+300	2,985E+8	4,191E+8	2,912E+8	8,672E+8	8,935E+7
$W_{y,6}$ (mm^3)	1E+300	2,836E+8	3,931E+8	2,769E+8	7,766E+8	8,685E+7
$W_{y,7}$ (mm^3)	1E+300	2,34E+8	3,111E+8	2,291E+8	5,378E+8	7,76E+7
$W_{y,8}$ (mm^3)	1E+300	2,248E+8	2,965E+8	2,201E+8	5,016E+8	7,571E+7
$S_{y,1}$(mm^3)	3,851E+7	6,948E+7	7,584E+7	6,899E+7	8,645E+7	4,417E+7
$S_{y,2}$(mm^3)	4,593E+7	9,418E+7	1,053E+8	9,334E+7	1,249E+8	5,4E+7
$S_{y,3}$(mm^3)	2,65E+7	8,951E+7	1,024E+8	8,85E+7	1,24E+8	3,802E+7
$S_{y,4}$(mm^3)	1,863E-8	7,639E+7	9,206E+7	7,517E+7	1,182E+8	1,396E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C23

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm

Anima	18x2617 mm, Inclinazione: 21,8
Soletta	5967x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,888E+5	2,285E+5	1,863E+5	3,544E+5	1,123E+5
z_G (mm)	1166,326	1828,264	1966,868	1817,536	2200,571	1285,643
J_Y (mm^4)	1,075E+11	2,076E+11	2,286E+11	2,059E+11	2,644E+11	1,255E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,135E+8	-1,162E+8	-1,133E+8	-1,202E+8	-9,765E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,157E+8	-1,183E+8	-1,155E+8	-1,221E+8	-1,004E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,26E+8	4,589E+8	3,181E+8	9,999E+8	1,065E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,09E+8	4,288E+8	3,017E+8	8,831E+8	1,034E+8
$W_{y,5}$ (mm^3)	1E+300	3,09E+8	4,288E+8	3,017E+8	8,831E+8	1,034E+8
$W_{y,6}$ (mm^3)	1E+300	2,916E+8	3,989E+8	2,85E+8	7,79E+8	1,001E+8
$W_{y,7}$ (mm^3)	1E+300	2,354E+8	3,076E+8	2,307E+8	5,19E+8	8,814E+7
$W_{y,8}$ (mm^3)	1E+300	2,252E+8	2,919E+8	2,208E+8	4,812E+8	8,573E+7
$S_{y,1}$(mm^3)	3,619E+7	5,704E+7	6,141E+7	5,67E+7	6,877E+7	3,995E+7
$S_{y,2}$(mm^3)	4,859E+7	8,821E+7	9,758E+7	8,75E+7	1,142E+8	5,511E+7
$S_{y,3}$(mm^3)	3,225E+7	8,428E+7	9,518E+7	8,344E+7	1,135E+8	4,163E+7
$S_{y,4}$(mm^3)	7,451E-9	6,825E+7	8,254E+7	6,715E+7	1,066E+8	1,23E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C24

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x66 mm
Piattabanda inferiore	900x61 mm
Anima	22x2556 mm, Inclinazione: 21,8
Soletta	5712x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,573E+5	2,393E+5	2,774E+5	2,369E+5	3,978E+5	1,661E+5
z_G (mm)	1180,935	1675,725	1805,963	1666,105	2053,947	1257,372
J_Y (mm^4)	1,757E+11	2,886E+11	3,184E+11	2,864E+11	3,754E+11	1,932E+11
$W_{y,0}$ (mm^3)	-1,488E+8	-1,722E+8	-1,763E+8	-1,719E+8	-1,827E+8	-1,536E+8
$W_{y,1}$ (mm^3)	-1,569E+8	-1,787E+8	-1,825E+8	-1,784E+8	-1,883E+8	-1,615E+8
$W_{y,3}$ (mm^3)	1,402E+8	3,806E+8	5,07E+8	3,73E+8	9,876E+8	1,642E+8
$W_{y,4}$ (mm^3)	1,332E+8	3,501E+8	4,587E+8	3,434E+8	8,415E+8	1,555E+8
$W_{y,5}$ (mm^3)	1E+300	3,501E+8	4,587E+8	3,434E+8	8,415E+8	1,555E+8
$W_{y,6}$ (mm^3)	1E+300	3,339E+8	4,337E+8	3,277E+8	7,722E+8	1,506E+8

$W_{y,7}$ (mm^3)	1E+300	2,79E+8	3,522E+8	2,744E+8	5,721E+8	1,33E+8
$W_{y,8}$ (mm^3)	1E+300	2,686E+8	3,373E+8	2,642E+8	5,393E+8	1,294E+8
$S_{y,1}$(mm^3)	6,316E+7	9,032E+7	9,747E+7	8,979E+7	1,111E+8	6,736E+7
$S_{y,2}$(mm^3)	7,802E+7	1,212E+8	1,335E+8	1,203E+8	1,581E+8	8,431E+7
$S_{y,3}$(mm^3)	5,942E+7	1,144E+8	1,289E+8	1,133E+8	1,564E+8	6,791E+7
$S_{y,4}$(mm^3)	0E+00	7,784E+7	9,833E+7	7,633E+7	1,373E+8	1,203E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C25

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	18x2617 mm, Inclinazione: 21,8
Soletta	5973x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,889E+5	2,287E+5	1,863E+5	3,546E+5	1,123E+5
z_G (mm)	1166,326	1828,627	1967,231	1817,898	2200,873	1285,753
J_y (mm^4)	1,075E+11	2,076E+11	2,287E+11	2,06E+11	2,645E+11	1,256E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,135E+8	-1,162E+8	-1,133E+8	-1,202E+8	-9,766E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,157E+8	-1,183E+8	-1,155E+8	-1,221E+8	-1,004E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,262E+8	4,594E+8	3,183E+8	1,001E+9	1,065E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,092E+8	4,292E+8	3,02E+8	8,841E+8	1,034E+8
$W_{y,5}$ (mm^3)	1E+300	3,092E+8	4,292E+8	3,02E+8	8,841E+8	1,034E+8
$W_{y,6}$ (mm^3)	1E+300	2,918E+8	3,992E+8	2,853E+8	7,798E+8	1,001E+8
$W_{y,7}$ (mm^3)	1E+300	2,356E+8	3,079E+8	2,309E+8	5,194E+8	8,816E+7
$W_{y,8}$ (mm^3)	1E+300	2,253E+8	2,921E+8	2,21E+8	4,816E+8	8,575E+7
$S_{y,1}$(mm^3)	3,619E+7	5,705E+7	6,142E+7	5,671E+7	6,878E+7	3,995E+7
$S_{y,2}$(mm^3)	4,859E+7	8,823E+7	9,761E+7	8,752E+7	1,142E+8	5,511E+7
$S_{y,3}$(mm^3)	3,225E+7	8,431E+7	9,52E+7	8,347E+7	1,136E+8	4,163E+7
$S_{y,4}$(mm^3)	7,451E-9	6,829E+7	8,258E+7	6,718E+7	1,067E+8	1,231E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C26

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x45 mm
Anima	16x2617 mm, Inclinazione: 21,8
Soletta	6000x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,987E+4	1,86E+5	2,26E+5	1,835E+5	3,525E+5	1,091E+5
z_G (mm)	973,266	1738,144	1895,023	1725,955	2157,036	1113,086
J_y (mm^4)	1,008E+11	2,274E+11	2,535E+11	2,254E+11	2,974E+11	1,239E+11
$W_{y,0}$ (mm^3)	-1,036E+8	-1,309E+8	-1,338E+8	-1,306E+8	-1,379E+8	-1,113E+8
$W_{y,1}$ (mm^3)	-1,086E+8	-1,343E+8	-1,37E+8	-1,341E+8	-1,408E+8	-1,16E+8
$W_{y,3}$ (mm^3)	6,712E+7	3,087E+8	4,371E+8	3,009E+8	9,354E+8	9,099E+7
$W_{y,4}$ (mm^3)	6,602E+7	2,985E+8	4,191E+8	2,912E+8	8,672E+8	8,935E+7
$W_{y,5}$ (mm^3)	1E+300	2,985E+8	4,191E+8	2,912E+8	8,672E+8	8,935E+7
$W_{y,6}$ (mm^3)	1E+300	2,836E+8	3,931E+8	2,769E+8	7,766E+8	8,685E+7
$W_{y,7}$ (mm^3)	1E+300	2,34E+8	3,111E+8	2,291E+8	5,378E+8	7,76E+7
$W_{y,8}$ (mm^3)	1E+300	2,248E+8	2,965E+8	2,201E+8	5,016E+8	7,571E+7
$S_{y,1}$(mm^3)	3,851E+7	6,948E+7	7,584E+7	6,899E+7	8,645E+7	4,417E+7
$S_{y,2}$(mm^3)	4,593E+7	9,418E+7	1,053E+8	9,334E+7	1,249E+8	5,4E+7
$S_{y,3}$(mm^3)	2,65E+7	8,951E+7	1,024E+8	8,85E+7	1,24E+8	3,802E+7
$S_{y,4}$(mm^3)	1,863E-8	7,639E+7	9,206E+7	7,517E+7	1,182E+8	1,396E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C27

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x35 mm
Piattabanda inferiore	900x35 mm
Anima	18x2617 mm, Inclinazione: 21,8
Soletta	5921x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,031E+5	1,881E+5	2,276E+5	1,856E+5	3,524E+5	1,122E+5
z_G (mm)	1166,326	1825,467	1964,071	1814,747	2198,238	1284,798
J_y (mm^4)	1,075E+11	2,071E+11	2,282E+11	2,055E+11	2,641E+11	1,254E+11
$W_{y,0}$ (mm^3)	-9,22E+7	-1,135E+8	-1,162E+8	-1,132E+8	-1,201E+8	-9,762E+7
$W_{y,1}$ (mm^3)	-9,505E+7	-1,157E+8	-1,183E+8	-1,155E+8	-1,221E+8	-1,003E+8
$W_{y,3}$ (mm^3)	8,28E+7	3,239E+8	4,555E+8	3,16E+8	9,898E+8	1,063E+8
$W_{y,4}$ (mm^3)	8,063E+7	3,071E+8	4,258E+8	2,999E+8	8,75E+8	1,032E+8
$W_{y,5}$ (mm^3)	1E+300	3,071E+8	4,258E+8	2,999E+8	8,75E+8	1,032E+8
$W_{y,6}$ (mm^3)	1E+300	2,899E+8	3,962E+8	2,834E+8	7,726E+8	9,992E+7
$W_{y,7}$ (mm^3)	1E+300	2,342E+8	3,059E+8	2,295E+8	5,16E+8	8,8E+7
$W_{y,8}$ (mm^3)	1E+300	2,24E+8	2,903E+8	2,197E+8	4,786E+8	8,56E+7
$S_{y,1}$(mm^3)	3,619E+7	5,695E+7	6,132E+7	5,661E+7	6,869E+7	3,992E+7
$S_{y,2}$(mm^3)	4,859E+7	8,803E+7	9,739E+7	8,732E+7	1,141E+8	5,506E+7
$S_{y,3}$(mm^3)	3,225E+7	8,406E+7	9,496E+7	8,322E+7	1,134E+8	4,156E+7
$S_{y,4}$(mm^3)	7,451E-9	6,796E+7	8,225E+7	6,686E+7	1,064E+8	1,222E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C28

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x59 mm
Piattabanda inferiore	900x61 mm
Anima	20x2563 mm, Inclinazione: 21,8
Soletta	5407x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 20/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	1,475E+5	2,251E+5	2,611E+5	2,228E+5	3,751E+5	1,558E+5
z_G (mm)	1138,16	1650,91	1785,3	1640,975	2040,53	1217,598
J_y (mm^4)	1,656E+11	2,784E+11	3,081E+11	2,762E+11	3,646E+11	1,83E+11
$W_{y,0}$ (mm^3)	-1,455E+8	-1,686E+8	-1,725E+8	-1,683E+8	-1,787E+8	-1,503E+8
$W_{y,1}$ (mm^3)	-1,537E+8	-1,751E+8	-1,787E+8	-1,748E+8	-1,842E+8	-1,582E+8
$W_{y,3}$ (mm^3)	1,271E+8	3,524E+8	4,698E+8	3,452E+8	9,104E+8	1,496E+8
$W_{y,4}$ (mm^3)	1,216E+8	3,279E+8	4,31E+8	3,215E+8	7,935E+8	1,427E+8
$W_{y,5}$ (mm^3)	1E+300	3,279E+8	4,31E+8	3,215E+8	7,935E+8	1,427E+8
$W_{y,6}$ (mm^3)	1E+300	3,131E+8	4,082E+8	3,072E+8	7,3E+8	1,384E+8
$W_{y,7}$ (mm^3)	1E+300	2,629E+8	3,331E+8	2,584E+8	5,446E+8	1,226E+8
$W_{y,8}$ (mm^3)	1E+300	2,533E+8	3,193E+8	2,491E+8	5,139E+8	1,194E+8
$S_{y,1}$(mm^3)	6,081E+7	8,896E+7	9,634E+7	8,842E+7	1,104E+8	6,517E+7
$S_{y,2}$(mm^3)	7,331E+7	1,162E+8	1,284E+8	1,153E+8	1,526E+8	7,958E+7
$S_{y,3}$(mm^3)	5,503E+7	1,095E+8	1,237E+8	1,084E+8	1,508E+8	6,346E+7
$S_{y,4}$(mm^3)	2,235E-8	7,561E+7	9,543E+7	7,415E+7	1,331E+8	1,171E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C29

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x30 mm
Anima	16x2633 mm, Inclinazione: 21,8
Soletta	5700x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	1875 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,663E+4	1,685E+5	2,064E+5	1,661E+5	3,266E+5	9,541E+4
z_G (mm)	1116,293	1849,144	1991,87	1837,951	2224,86	1255,047
J_y (mm^4)	8,742E+10	1,837E+11	2,025E+11	1,822E+11	2,336E+11	1,056E+11

$W_{y,0}$ (mm^3)	-7,832E+7	-9,932E+7	-1,017E+8	-9,912E+7	-1,05E+8	-8,416E+7
$W_{y,1}$ (mm^3)	-8,048E+7	-1,01E+8	-1,032E+8	-1,008E+8	-1,064E+8	-8,622E+7
$W_{y,3}$ (mm^3)	6,434E+7	2,934E+8	4,192E+8	2,86E+8	9,338E+8	8,658E+7
$W_{y,4}$ (mm^3)	6,318E+7	2,822E+8	3,985E+8	2,752E+8	8,49E+8	8,484E+7
$W_{y,5}$ (mm^3)	1E+300	2,822E+8	3,985E+8	2,752E+8	8,49E+8	8,484E+7
$W_{y,6}$ (mm^3)	1E+300	2,658E+8	3,695E+8	2,595E+8	7,412E+8	8,22E+7
$W_{y,7}$ (mm^3)	1E+300	2,133E+8	2,82E+8	2,089E+8	4,815E+8	7,26E+7
$W_{y,8}$ (mm^3)	1E+300	2,039E+8	2,671E+8	1,997E+8	4,448E+8	7,065E+7
$S_{y,1}$(mm^3)	2,973E+7	4,952E+7	5,338E+7	4,922E+7	5,967E+7	3,348E+7
$S_{y,2}$(mm^3)	3,99E+7	7,804E+7	8,654E+7	7,738E+7	1,012E+8	4,641E+7
$S_{y,3}$(mm^3)	2,4E+7	7,466E+7	8,453E+7	7,389E+7	1,006E+8	3,359E+7
$S_{y,4}$(mm^3)	0E+00	6,349E+7	7,585E+7	6,252E+7	9,604E+7	1,202E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C30

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x25 mm
Anima	18x2639 mm, Inclinazione: 21,8
Soletta	5700x250 mm
Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 15/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	8,75E+4	1,693E+5	2,073E+5	1,669E+5	3,275E+5	9,627E+4
z_G (mm)	1179,283	1877,955	2014,809	1867,233	2238,765	1311,05
J_y (mm^4)	8,458E+10	1,734E+11	1,909E+11	1,72E+11	2,199E+11	1,013E+11
$W_{y,0}$ (mm^3)	-7,172E+7	-9,234E+7	-9,475E+7	-9,213E+7	-9,821E+7	-7,727E+7
$W_{y,1}$ (mm^3)	-7,327E+7	-9,358E+7	-9,594E+7	-9,338E+7	-9,932E+7	-7,878E+7
$W_{y,3}$ (mm^3)	6,528E+7	2,904E+8	4,149E+8	2,831E+8	9,307E+8	8,704E+7
$W_{y,4}$ (mm^3)	6,404E+7	2,788E+8	3,935E+8	2,719E+8	8,416E+8	8,521E+7
$W_{y,5}$ (mm^3)	1E+300	2,788E+8	3,935E+8	2,719E+8	8,416E+8	8,521E+7
$W_{y,6}$ (mm^3)	1E+300	2,619E+8	3,635E+8	2,557E+8	7,299E+8	8,244E+7
$W_{y,7}$ (mm^3)	1E+300	2,084E+8	2,746E+8	2,041E+8	4,666E+8	7,242E+7
$W_{y,8}$ (mm^3)	1E+300	1,988E+8	2,597E+8	1,949E+8	4,301E+8	7,041E+7
$S_{y,1}$(mm^3)	2,625E+7	4,197E+7	4,505E+7	4,173E+7	5,009E+7	2,922E+7
$S_{y,2}$(mm^3)	3,917E+7	7,525E+7	8,343E+7	7,463E+7	9,759E+7	4,525E+7
$S_{y,3}$(mm^3)	2,289E+7	7,18E+7	8,138E+7	7,105E+7	9,705E+7	3,212E+7
$S_{y,4}$(mm^3)	1,49E-8	6,113E+7	7,311E+7	6,019E+7	9,27E+7	1,153E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

Concio C31

Caratteristiche generali

Dati principali

Altezza della sezione di acciaio	2500 mm
Piattabanda superiore	700x25 mm
Piattabanda inferiore	900x25 mm
Anima	20x2639 mm, Inclinazione: 21,8
Soletta	5433x250 mm

Raccordo	700x0 mm (escluso nel calcolo delle proprieta' geometriche)
Armatura superiore	diametro 14 mm, passo 200 mm, dist. estradosso-baricentro armatura 40 mm
Armatura inferiore	diametro 14 mm, passo 200 mm, dist. intradosso-baricentro armatura 40 mm
Pioli	diametro 22 mm, altezza 200 mm, numero 26/m

Irrigidenti longitudinali dell'anima

distanza estradosso trave-irrigidente 1	625 mm
distanza estradosso trave-irrigidente 2	0 mm
Dimensione dei piatti - sinistra	orizzontali 150x15 mm, verticali 0x0 mm
Dimensione dei piatti - destra	orizzontali 0x0 mm, verticali 0x0 mm

Caratteristiche geometriche lorde

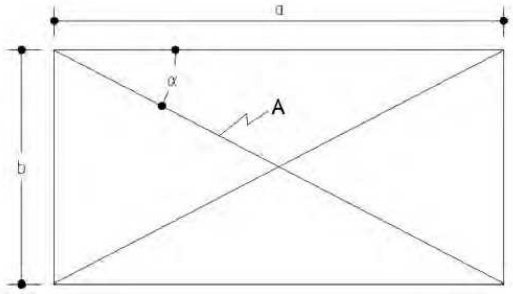
	Fase 1	*Fase 2a*	*Fase 2b*	*Fase 2c*	*Fase 3*	*Fessurata*
A (mm^2)	9,277E+4	1,708E+5	2,07E+5	1,685E+5	3,215E+5	1,011E+5
z_G (mm)	1183,306	1841,781	1978,762	1831,165	2209,032	1302,525
J_y (mm^4)	8,724E+10	1,757E+11	1,942E+11	1,743E+11	2,256E+11	1,032E+11
$W_{y,0}$ (mm^3)	-7,373E+7	-9,542E+7	-9,817E+7	-9,519E+7	-1,021E+8	-7,927E+7
$W_{y,1}$ (mm^3)	-7,532E+7	-9,673E+7	-9,942E+7	-9,651E+7	-1,033E+8	-8,082E+7
$W_{y,3}$ (mm^3)	6,754E+7	2,775E+8	3,914E+8	2,707E+8	8,484E+8	8,806E+7
$W_{y,4}$ (mm^3)	6,626E+7	2,67E+8	3,727E+8	2,606E+8	7,755E+8	8,622E+7
$W_{y,5}$ (mm^3)	1E+300	2,67E+8	3,727E+8	2,606E+8	7,755E+8	8,622E+7
$W_{y,6}$ (mm^3)	1E+300	2,517E+8	3,461E+8	2,459E+8	6,818E+8	8,344E+7
$W_{y,7}$ (mm^3)	1E+300	2,024E+8	2,656E+8	1,983E+8	4,504E+8	7,336E+7
$W_{y,8}$ (mm^3)	1E+300	1,935E+8	2,519E+8	1,897E+8	4,171E+8	7,133E+7
$S_{y,1}$(mm^3)	2,634E+7	4,116E+7	4,424E+7	4,092E+7	4,942E+7	2,903E+7
$S_{y,2}$(mm^3)	4,079E+7	7,671E+7	8,535E+7	7,605E+7	1,008E+8	4,66E+7
$S_{y,3}$(mm^3)	2,282E+7	7,239E+7	8,27E+7	7,159E+7	1E+8	3,18E+7
$S_{y,4}$(mm^3)	-7,451E-9	6,109E+7	7,38E+7	6,01E+7	9,516E+7	1,106E+7
n_E	1E+300	19,505	12,834	20,167	6,162	1E+300

7.5 Rigidezze torsionali

Essendo l'impalcato torsio-rigido per la presenza della soletta e dei controventi inferiori, la rigidezza torsionale viene valutata considerando una sezione a cassone equivalente.
In Fase 1 la sezione a cassone equivalente é definita lateralmente dalle anime delle travi principali, superiormente ed inferiormente da una piastra di spessore equivalente ai controventi posta nel piano delle ali dei traversi.
In Fase 2 e 3 la sezione a cassone equivalente é definita lateralmente dalle anime delle travi principali, inferiormente da una piastra di spessore equivalente ai controventi posta nel piano delle ali dei traversi e superiormente dalla soletta in c.a. che in questa fase costituisce un elemento strutturale. Lo spessore della soletta viene ridotto con coefficiente di omogeneizzazione pari a 12,84 per la Fase 2, e pari a 6,16 per la Fase 3.
Nel calcolo dell'inerzia torsionale si ipotizzano le sezioni dei controventi inferiori; note le sollecitazioni si possono calcolare i controventi necessari, i quali potrebbero risultare diversi da quelli ipotizzati in precedenza. Questo conduce ad una approssimazione che risulta essere accettabile in quanto gli spessori di piastra equivalente risultano in ogni caso molto piccoli ed inoltre, nel calcolo dell'inerzia torsionale é importante il braccio della circuitazione che rimane invariato.
Il cassone bicellulare è costituito inferiormente da n.2 campi controventati a "X", per semplicità l'inerzia torsionale viene calcolata come somma delle inerzie delle due singole cellule, e assegnata in parti uguali alle 3 travi longitudinali nella modellazione a graticcio.

Per la valutazione dell'inerzia torsionale si utilizza la formula:
$J_t = 4A^2/(\Sigma l_i/t_i)$
dove:
A = area cellula torsio-rigida
l_i = lunghezza parete i-esima della cellula
t_i = spessore parete i-esima della cellula

Lo spessore di piastra equivalente ai controventi viene calcolato come:
$t^* = 2 \cdot E/G \cdot A \cdot a/b^2 \cdot \sin^3 \alpha$
dove:
a,b = dimensioni campo controventato
A = area di un controvento
α = angolazione controvento
E = modulo elastico acciaio
G = modulo di elasticità tangenziale acciaio



da cui:

	Controventi	a [cm]	b [cm]	A [cm^2]	t* [cm]
Superiore	L100x10	438	490	21,18	0,08
Inferiore	2L160x17	438	406	103,6	0,45

Nelle Fasi 2 e 3 lo spessore di piastra equivalente alla soletta d'impalcato viene calcolato come:
$t^* = h_{sol}/n_e$
dove:
h_{sol} = 25 cm spessore soletta d'impalcato in c.a.
n_e = coefficiente di omogeneizzazione

I valori di rigidezza torsionale risultano:

Fase 1	
L_{sup} [cm]	490
t^*_{sup} [cm]	0,08
L_{vert} [cm]	195
t_{vert} [cm]	1,6
L_{inf} [cm]	406
t^*_{inf} [cm]	0,45
Ω [cm^2]	87360
J_T [cm^4]	4341530

Fase 2	
n_e	12,83
h_{sol} [cm]	25
L_{sup} [cm]	500
t^*_{sup} [cm]	1,95
L_{vert} [cm]	226
t_{vert} [cm]	1,6
L_{inf} [cm]	406
t^*_{inf} [cm]	0,45
Ω [cm^2]	102366
J_T [cm^4]	29069025

Fase 3	
n_e	6,16
h_{sol} [cm]	25
L_{sup} [cm]	500
t^*_{sup} [cm]	4,06
L_{vert} [cm]	227
t_{vert} [cm]	1,6
L_{inf} [cm]	406
t^*_{inf} [cm]	0,45
Ω [cm^2]	102844
J_T [cm^4]	32300646

Tali rigidezze vengono suddivise sulle 3 travi longitudinali costituenti il cassone torsio-rigido, per ciascuna delle quali vale dunque:

	Fase 1	Fase 2	Fase 3
J_T [cm^4]	2894353	19379350	21533764

7.6 Traversi

Il traverso di campata è costituito superiormente da una trave con sezione a "doppio T" saldata e connessa alla soletta in c.a. mediante pioli; tale corrente presenta piattabande di larghezza 500mm ed anima di altezza variabile da 500 mm nel tratto centrale e 1000 mm in corrispondenza delle travi laterali.
Il corrente inferiore e i diagonali son o costituiti da n.2 elementi angolari L160x17.
Il traverso d'appoggio è realizzato a parete piena con n.2 aperture di larghezza 1300mm ricavate nell'anima; tali aperture sono delimitate superiormente da un corrente a "doppio T" di anima 700mm e piattabande di 500mm, ed inferiormente da un corrente a "doppio T" di anima 700mm e piattabande d'intradosso e d'estradosso rispettivamente di 800mm e 500mm.
Le caratteristiche del traverso equivalente risultano le seguenti:

CAMPATA			APPOGGIO	
Corrente superiore			Corrente superiore	
A [cm^2]	269,0		A [cm^2]	332
Ixx [cm^4]	127434		Ixx [cm^4]	279183
Iyy [cm^4]	41680		Iyy [cm^4]	41711
z [cm]	225		z [cm]	215
Corrente inferiore			Corrente inferiore	
A [cm^2]	103,6		A [cm^2]	470
Ixx [cm^4]	2450		Ixx [cm^4]	386423
Iyy [cm^4]	4615		Iyy [cm^4]	148877
z [cm]	30		z [cm]	35
Baricentro trave principale			Baricentro trave principale	
zG [cm]	135		zG [cm]	135
Traverso equivalente			Traverso equivalente	
A [cm^2]	373		A [cm^2]	802
Ixx [cm^4]	3450974		Ixx [cm^4]	7490406
Iyy [cm^4]	46295		Iyy [cm^4]	190587

7.7 Vincoli

Le travi principali d'impalcato vengono modellate in corrispondenza dell'attacco trave-soletta, pertanto i nodi in corrispondenza degli appoggi su spalle e pile, vengono collegati a terra mediante link rigidi, che simulano la reale distanza tra gli appoggi ed i suddetti nodi, vincolati secondo lo schema isostatico seguente.

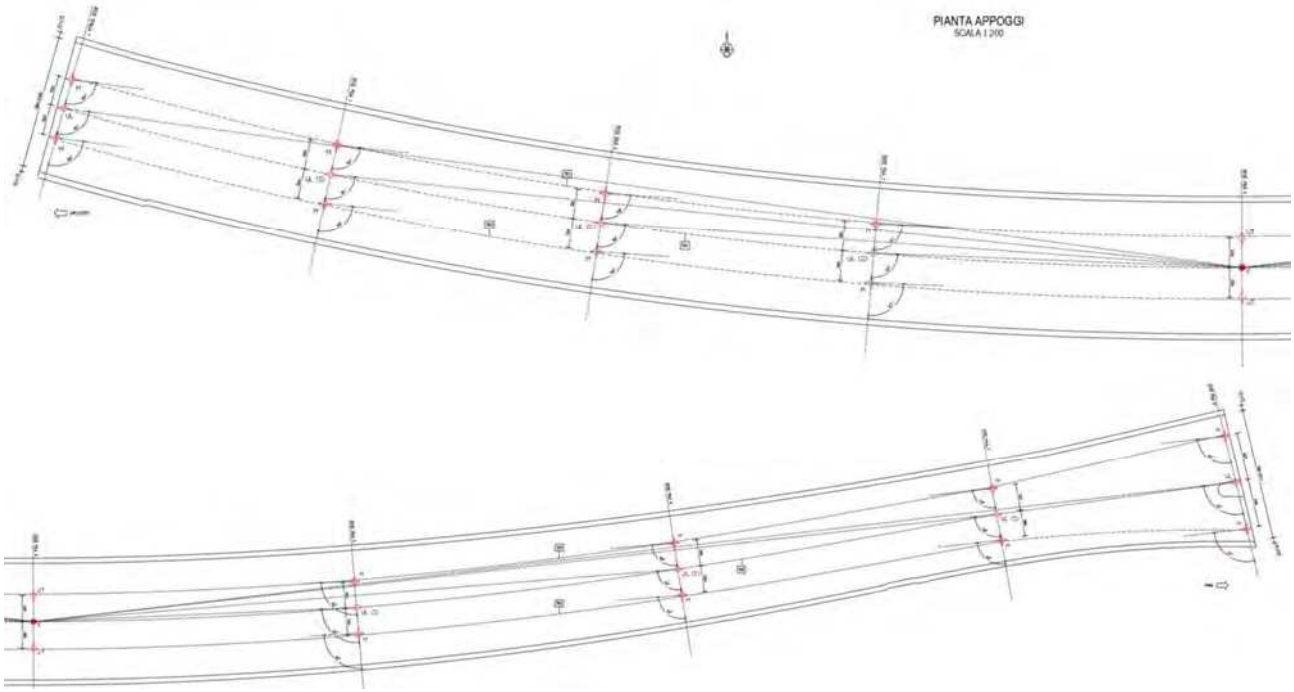


Figura 6 – Disposizione appoggi

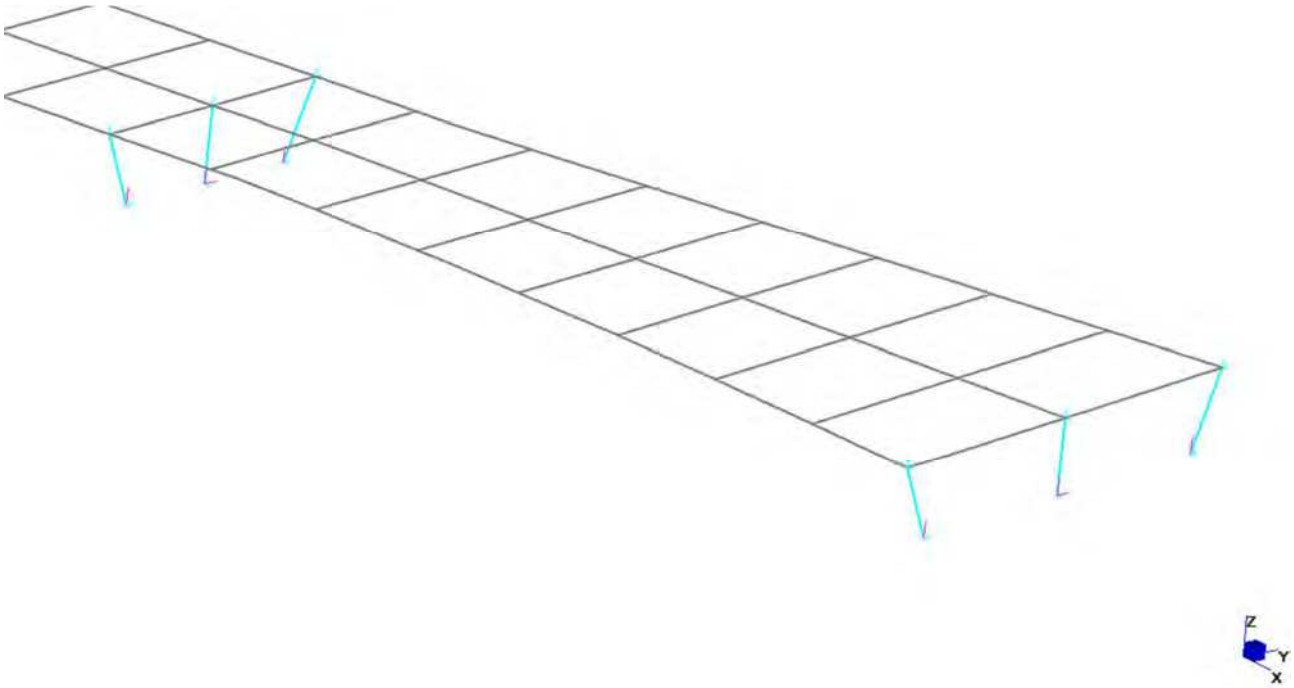
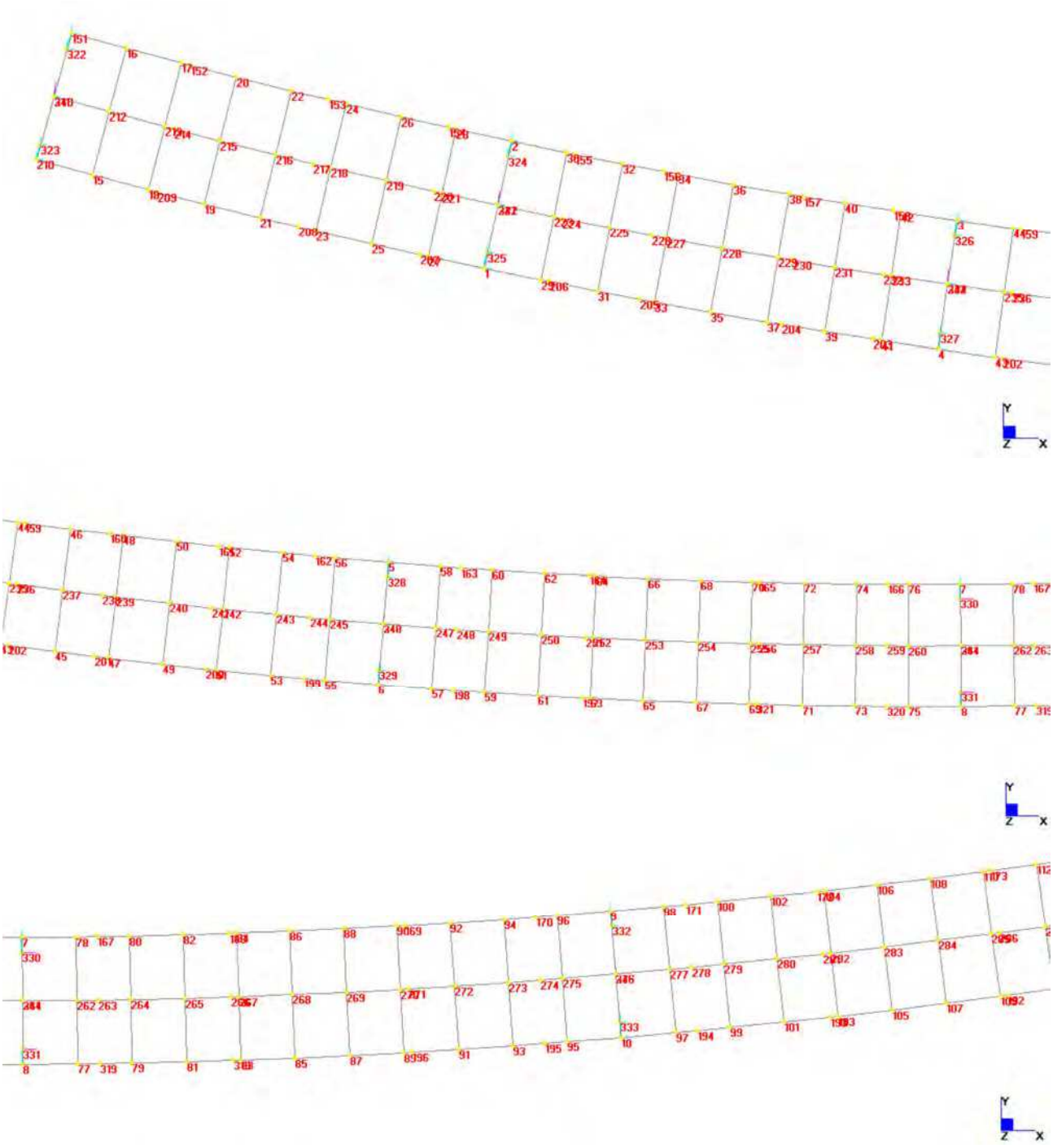


Figura 7 – Modello FEM – Vincoli

7.8 Geometria modello



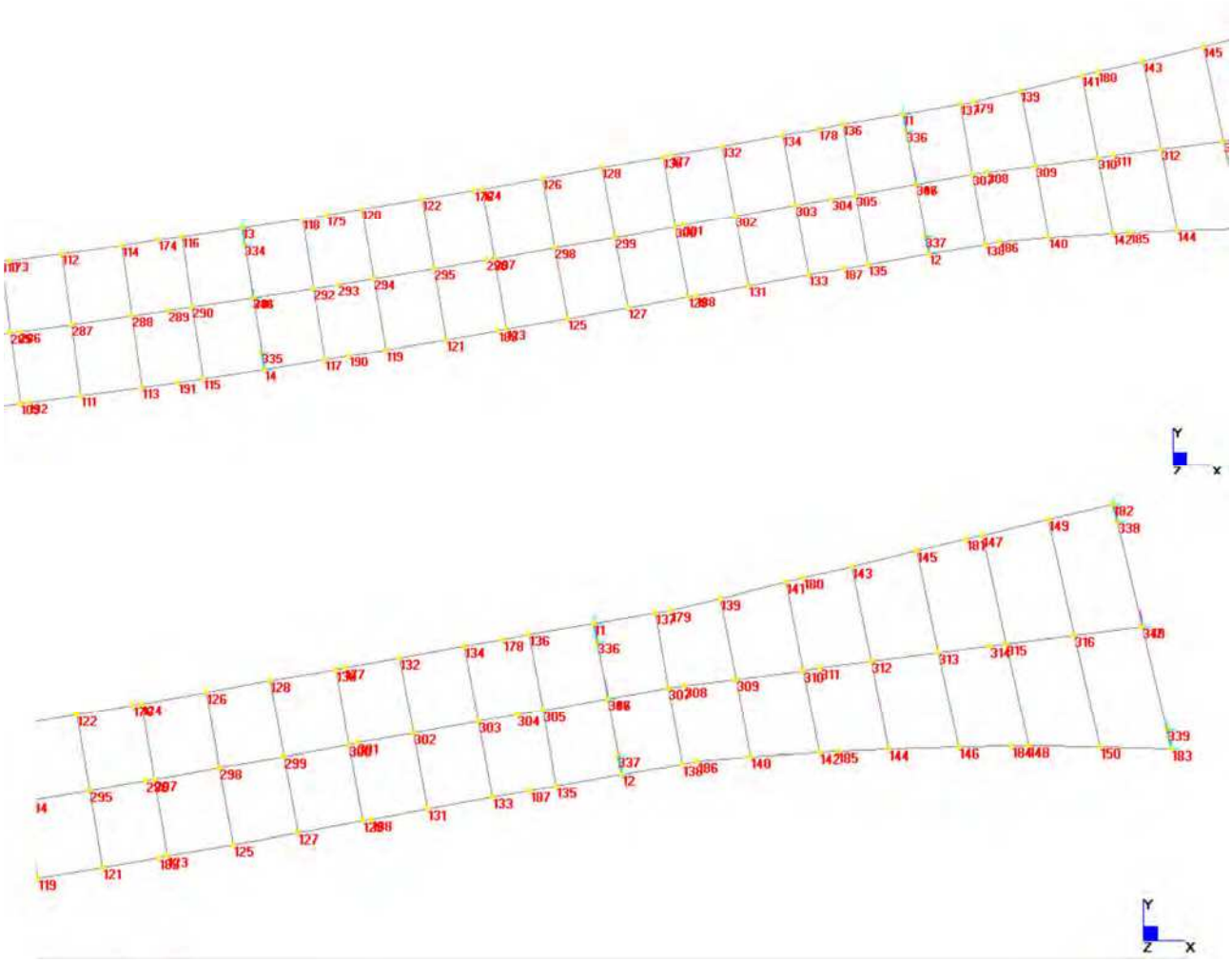
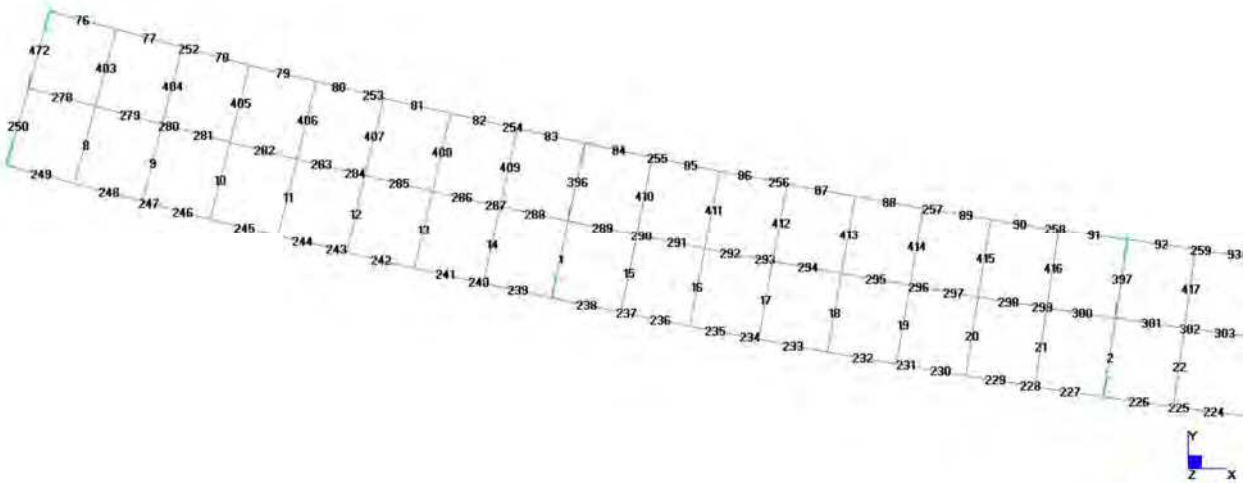


Figura 8 – Modello FEM – Numerazione nodi



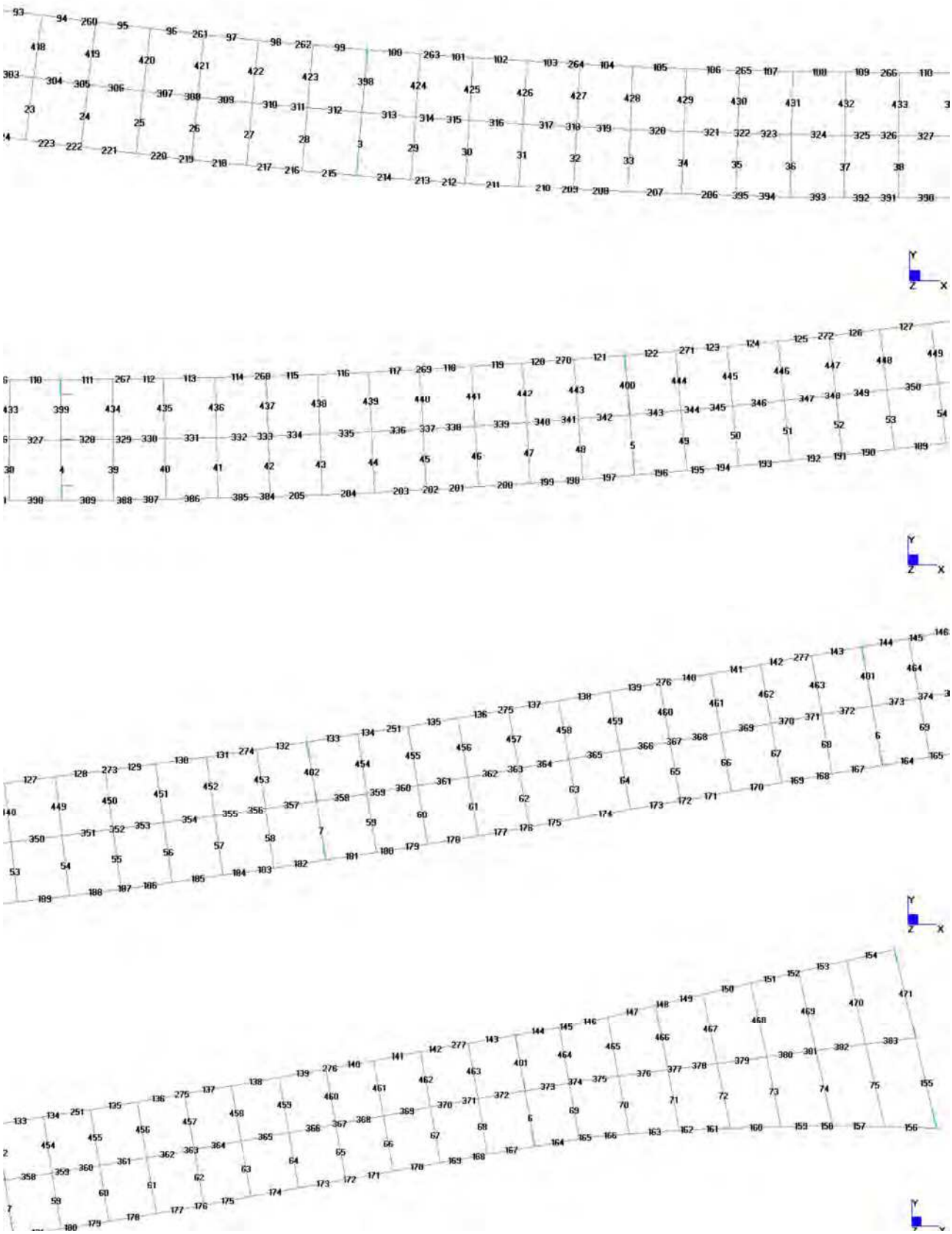
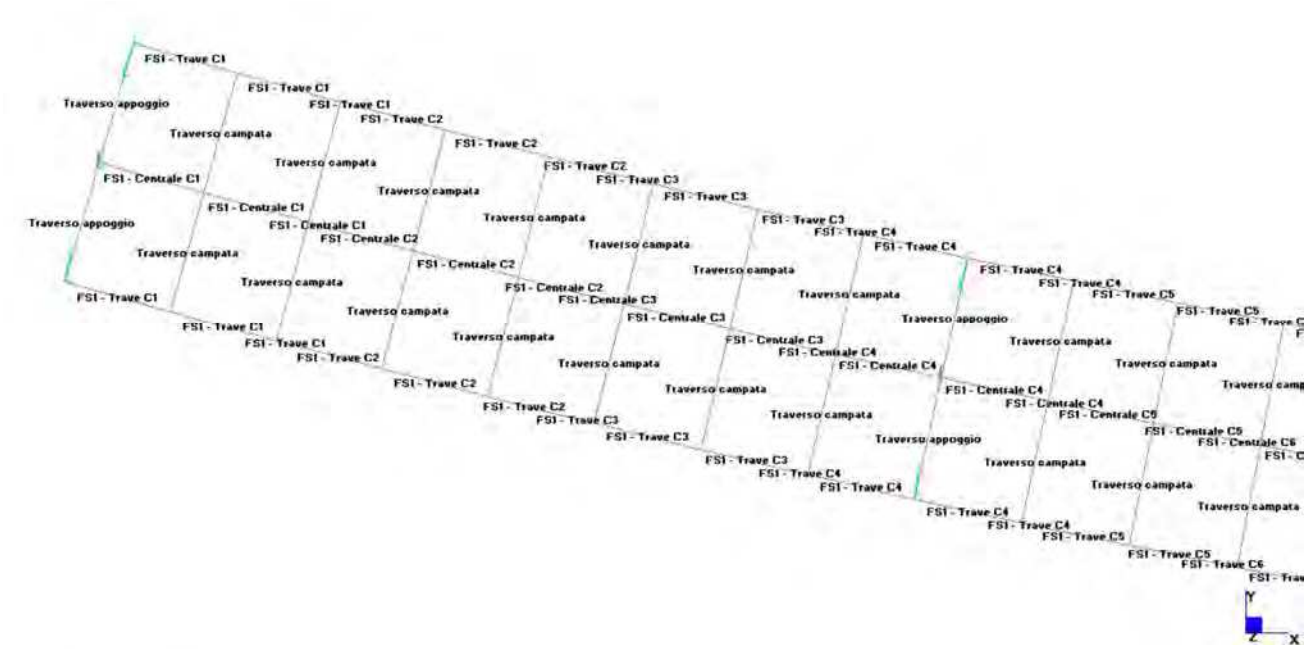
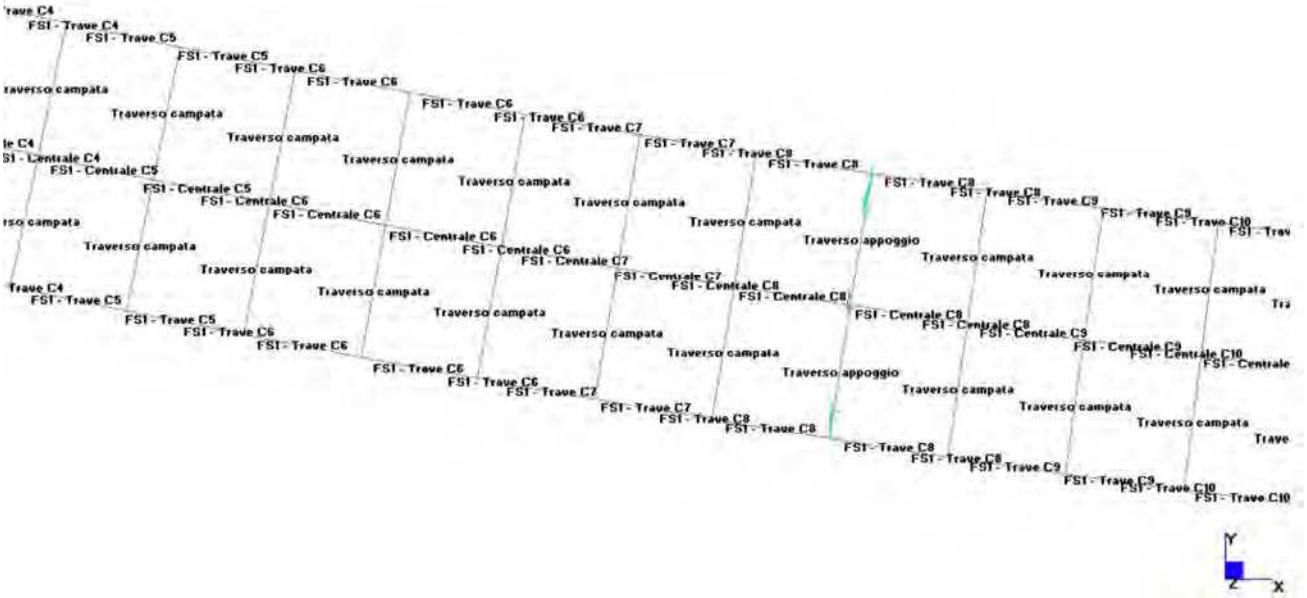
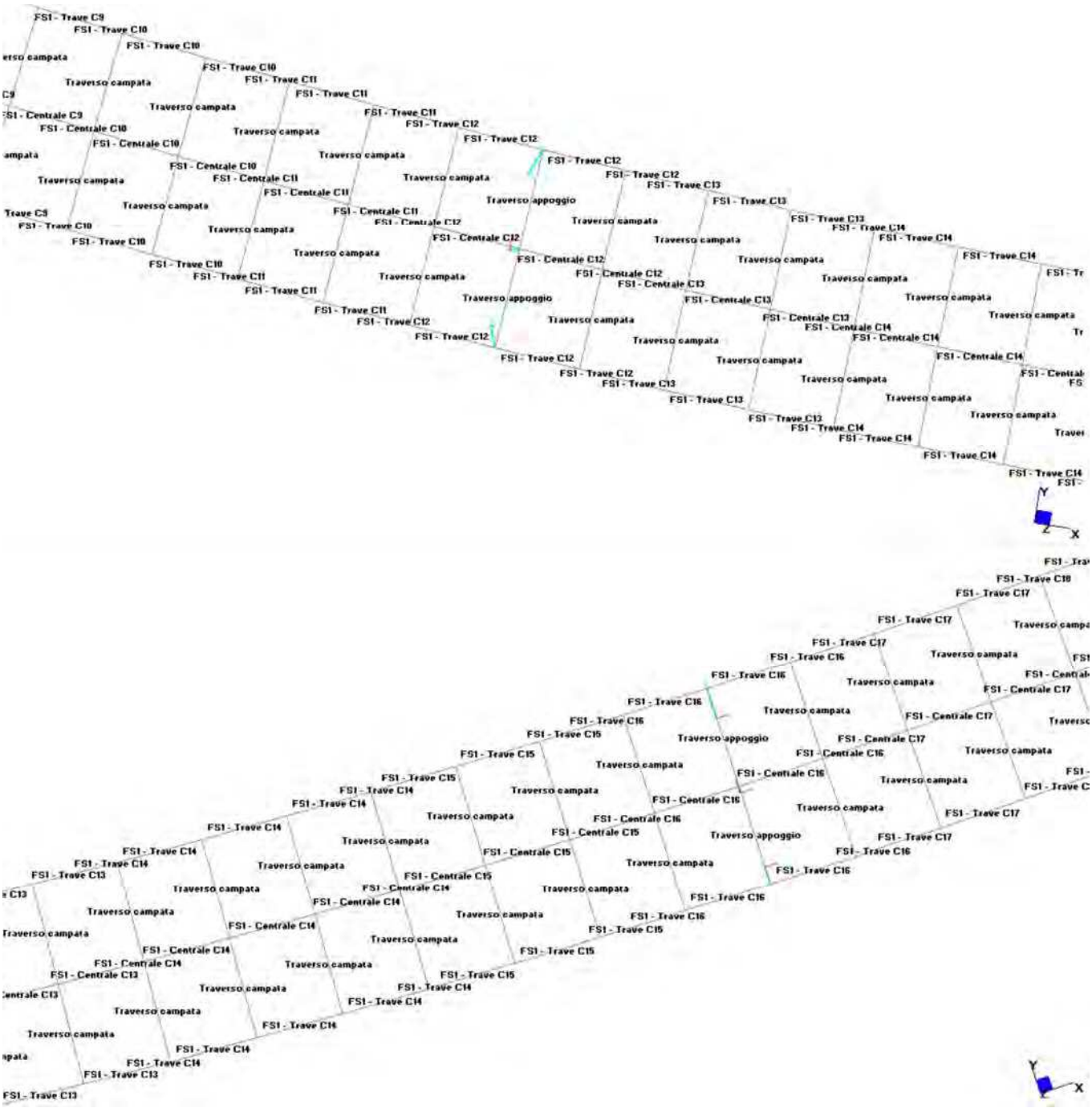
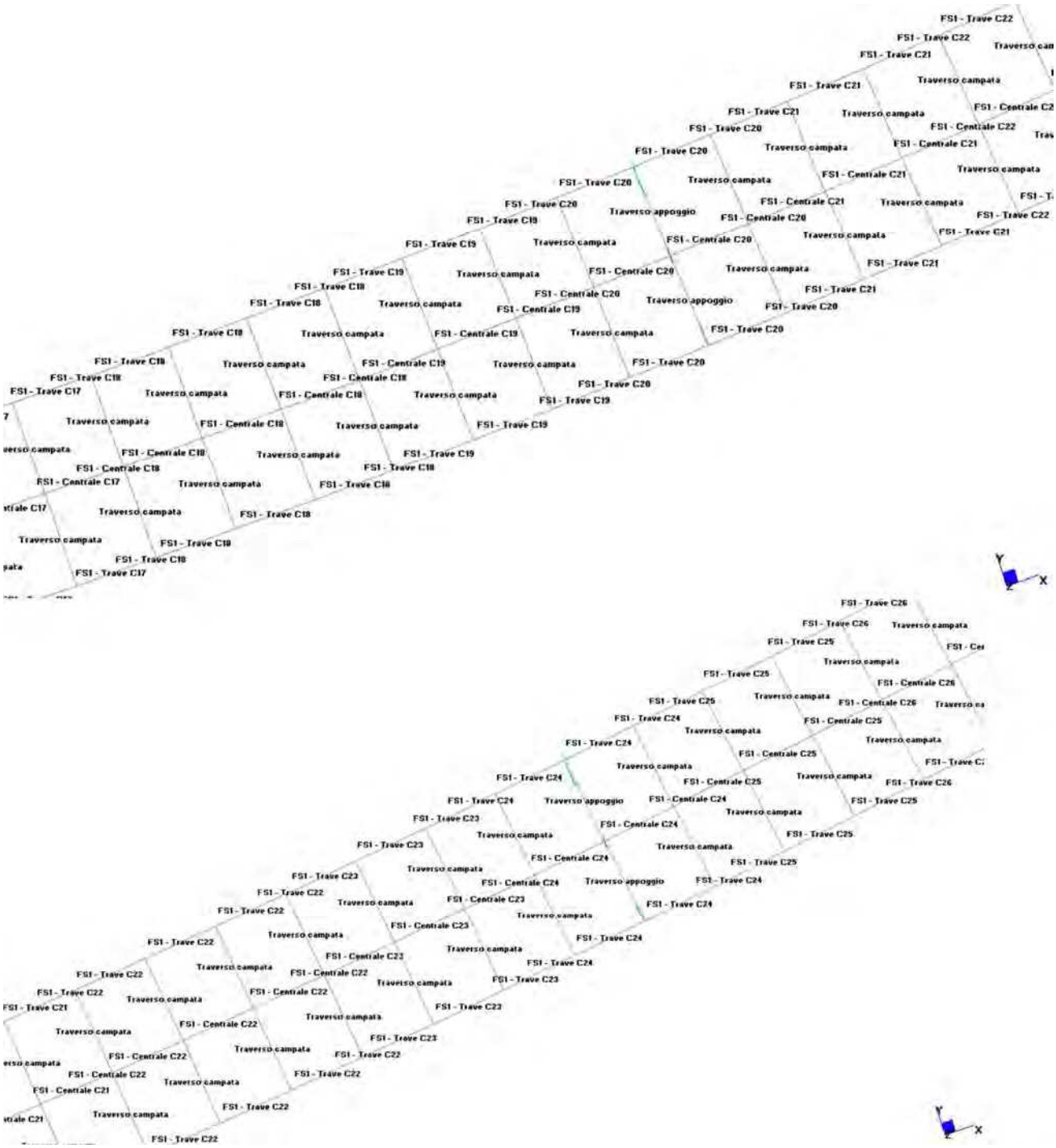


Figura 9 – Modello FEM – Numerazione elementi


FS1 - Trave C1
Traverso appoggio
Traverso campata
FS1 - Centrale C1
FS1 - Trave C2
FS1 - Centrale C2
FS1 - Trave C3
FS1 - Centrale C3
FS1 - Trave C4
FS1 - Centrale C4
FS1 - Trave C5
FS1 - Centrale C5
FS1 - Trave C6
FS1 - Centrale C6
Y
Z
X


FS1 - Trave C4
FS1 - Trave C5
FS1 - Trave C6
FS1 - Trave C7
FS1 - Trave C8
FS1 - Trave C9
FS1 - Trave C10
FS1 - Centrale C4
FS1 - Centrale C5
FS1 - Centrale C6
FS1 - Centrale C7
FS1 - Centrale C8
FS1 - Centrale C9
FS1 - Centrale C10
Traverso campata
Traverso appoggio
Y
Z
X


FS1 - Trave C9
FS1 - Trave C10
FS1 - Trave C11
FS1 - Trave C12
FS1 - Trave C13
FS1 - Trave C14
FS1 - Trave C15
FS1 - Trave C16
FS1 - Trave C17
FS1 - Centrale C9
FS1 - Centrale C10
FS1 - Centrale C11
FS1 - Centrale C12
FS1 - Centrale C13
FS1 - Centrale C14
FS1 - Centrale C15
FS1 - Centrale C16
FS1 - Centrale C17
Traverso campata
Traverso appoggio
Y
Z
X


FS1 - Trave C22
FS1 - Trave C21
FS1 - Trave C20
FS1 - Trave C19
FS1 - Trave C18
FS1 - Trave C17
FS1 - Trave C26
FS1 - Trave C25
FS1 - Trave C24
FS1 - Trave C23
Traverso campata
Traverso appoggio
FS1 - Centrale C22
FS1 - Centrale C21
FS1 - Centrale C20
FS1 - Centrale C19
FS1 - Centrale C18
FS1 - Centrale C17
FS1 - Centrale C26
FS1 - Centrale C25
FS1 - Centrale C24
FS1 - Centrale C23
Y
X

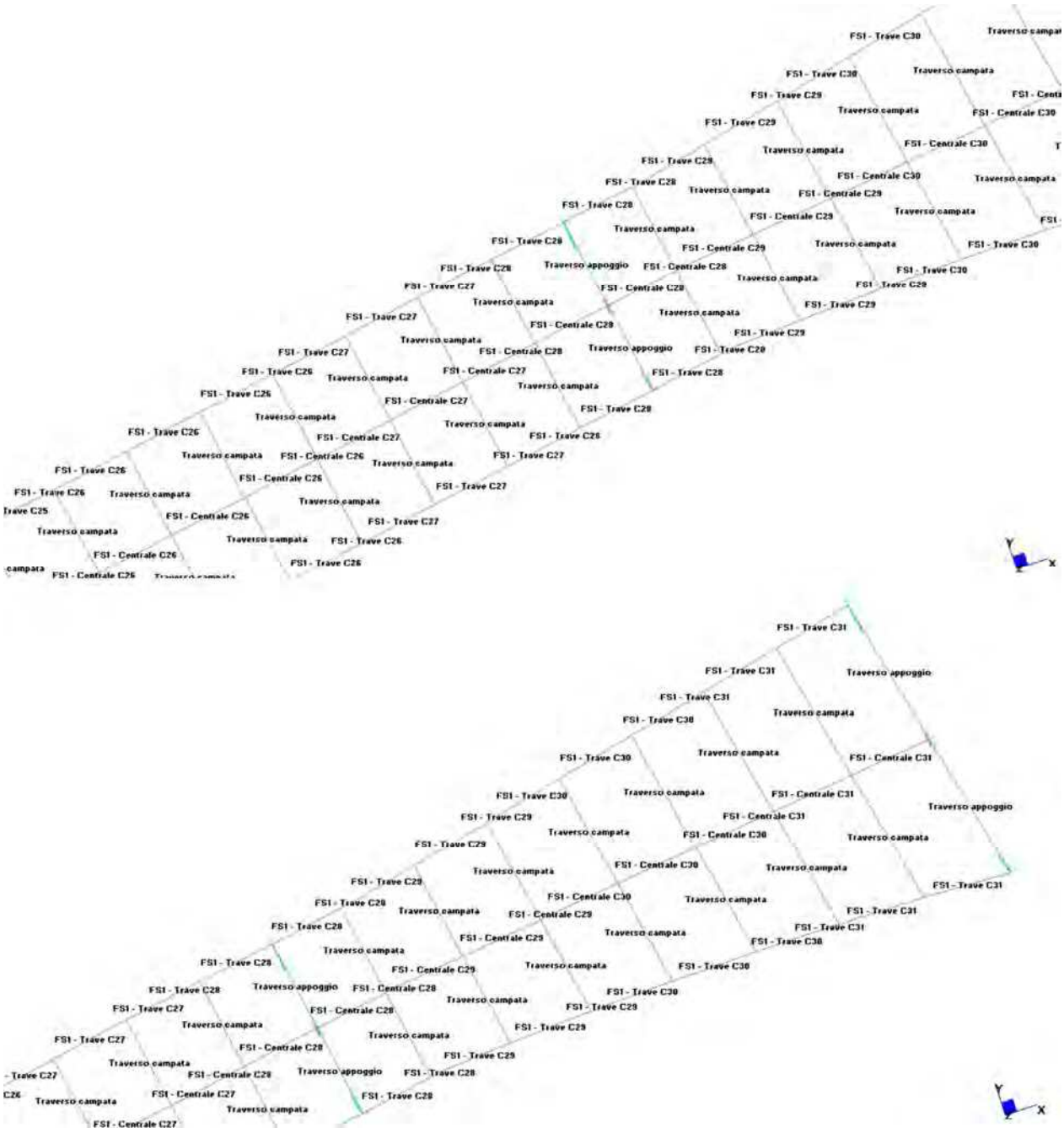
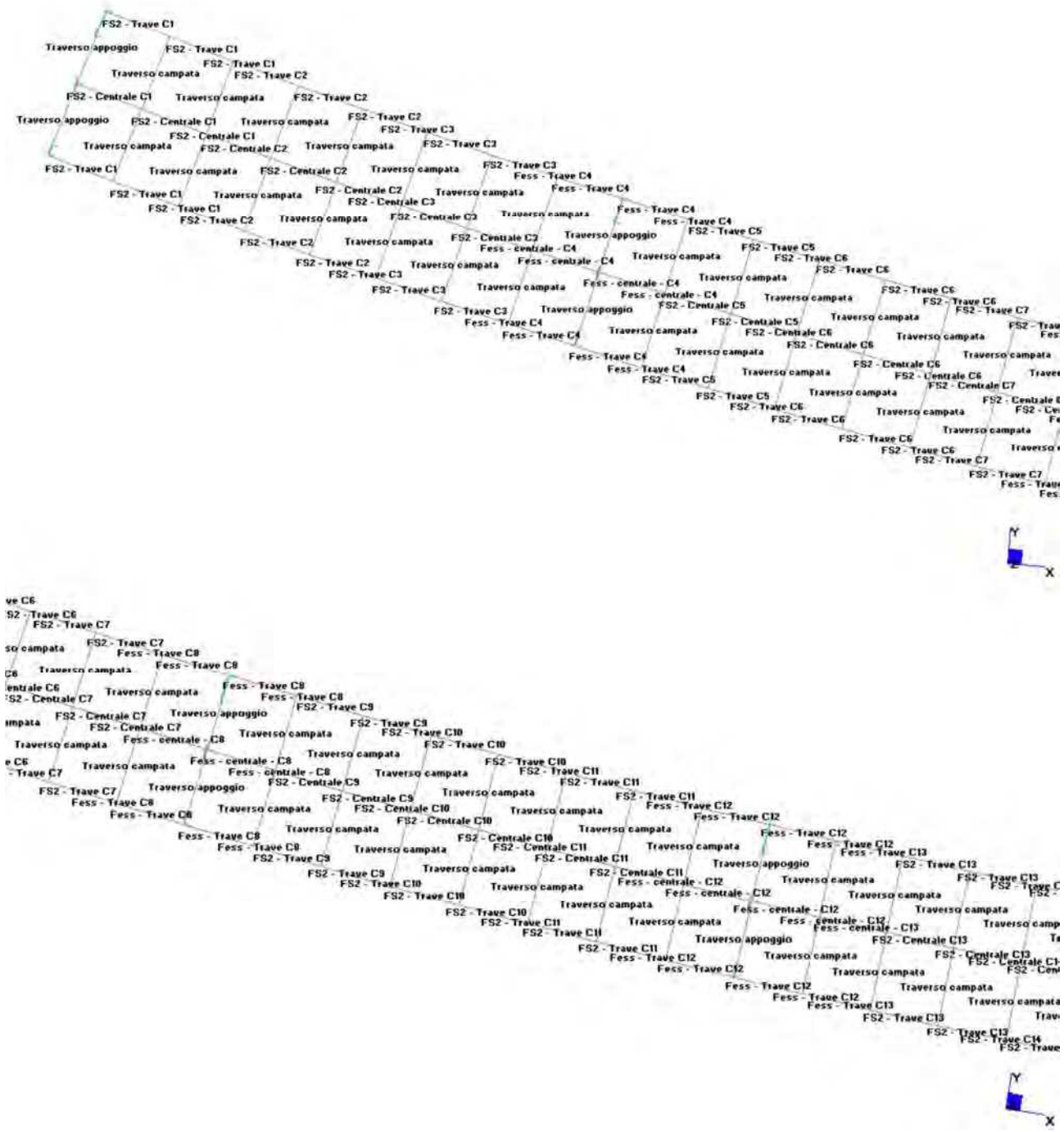
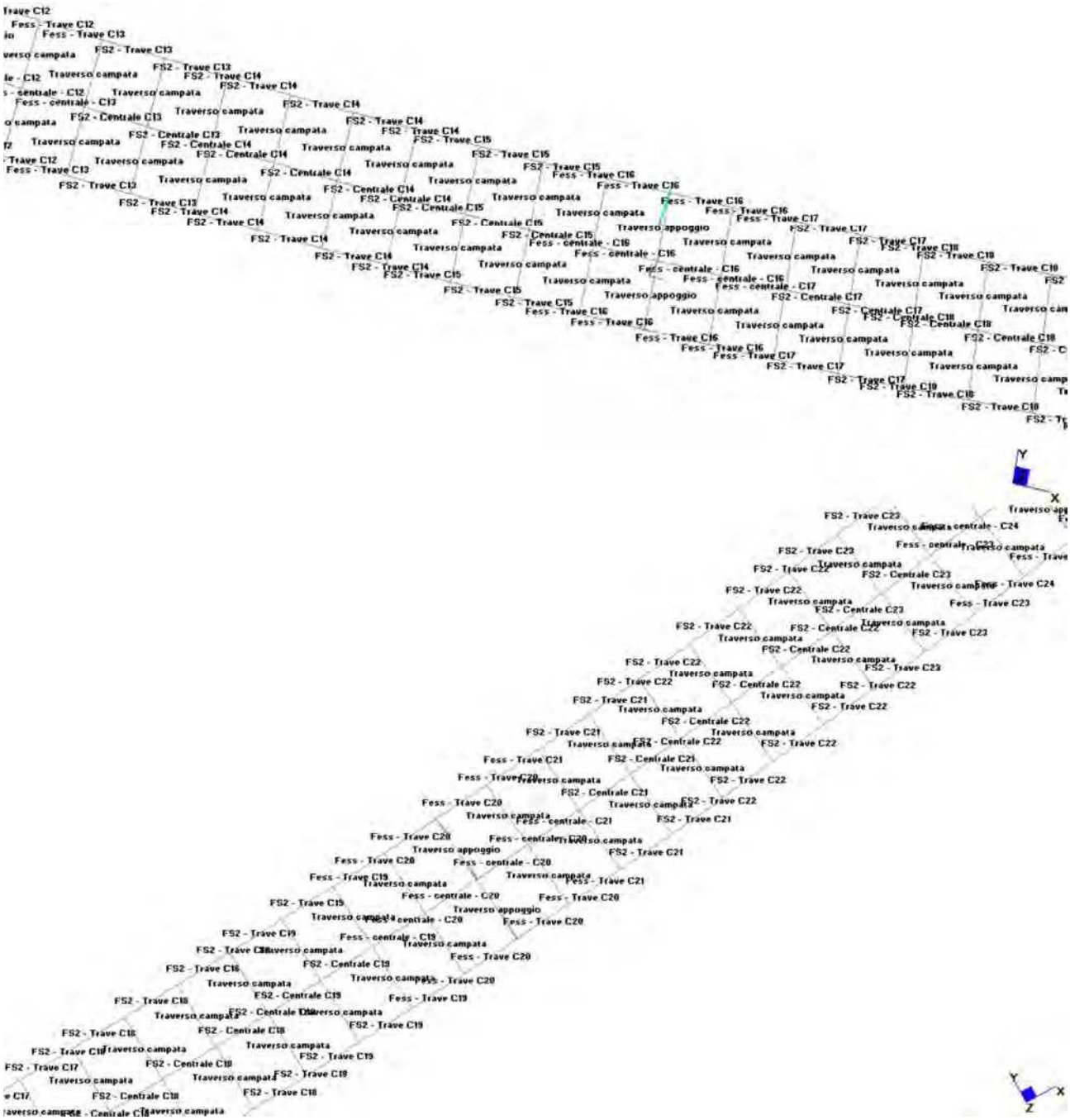


Figura 10 – Modello FEM – Proprietà elementi – Fase 1


FS2 - Trave C1
Traverso appoggio
FS2 - Trave C1
FS2 - Trave C1
Traverso campata
FS2 - Trave C2
FS2 - Centrale C1
Traverso campata
FS2 - Trave C2
Traverso appoggio
FS2 - Centrale C1
Traverso campata
FS2 - Trave C2
FS2 - Centrale C1
Traverso campata
FS2 - Centrale C2
Traverso campata
FS2 - Trave C3
FS2 - Trave C1
Traverso campata
FS2 - Centrale C2
Traverso campata
FS2 - Trave C3
Fess - Trave C4
FS2 - Trave C1
Traverso campata
FS2 - Centrale C2
Traverso campata
Fess - Trave C4
FS2 - Centrale C3
FS2 - Trave C1
FS2 - Trave C2
Traverso campata
FS2 - Centrale C3
Traverso campata
Fess - Trave C4
Fess - Trave C4
FS2 - Trave C2
Traverso campata
FS2 - Centrale C3
Traverso appoggio
FS2 - Trave C5
FS2 - Trave C2
Traverso campata
Fess - centrale - C4
Traverso campata
FS2 - Trave C5
FS2 - Trave C6
FS2 - Trave C2
Traverso campata
Fess - centrale - C4
Traverso campata
FS2 - Trave C6
FS2 - Trave C3
Fess - centrale - C4
Traverso campata
FS2 - Trave C6
FS2 - Trave C3
Traverso campata
Fess - centrale - C4
FS2 - Trave C6
FS2 - Trave C3
Traverso appoggio
FS2 - Centrale C5
Traverso campata
FS2 - Trave C7
Fess - Trave C4
FS2 - Centrale C5
Traverso campata
Fess - Trave C4
Traverso campata
FS2 - Centrale C6
Traverso campata
FS2 - Centrale C6
Fess - Trave C4
Traverso campata
Traverso campata
Fess - Trave C4
FS2 - Centrale C6
FS2 - Trave C5
Traverso campata
FS2 - Centrale C6
FS2 - Centrale C7
FS2 - Trave C5
Traverso campata
FS2 - Trave C6
Traverso campata
FS2 - Trave C6
Traverso campata
FS2 - Trave C6
FS2 - Trave C6
FS2 - Trave C7
FS2 - Trave C7
Y
X

FS2 - Trave C7
Fess - Trave C8
Traverso campata
Fess - Trave C8
Fess - Trave C8
Traverso campata
Fess - Trave C8
FS2 - Trave C9
FS2 - Centrale C7
Traverso appoggio
FS2 - Trave C9
FS2 - Centrale C7
Traverso campata
FS2 - Trave C10
Fess - centrale - C8
FS2 - Trave C10
Traverso campata
Traverso campata
Fess - centrale - C8
FS2 - Trave C10
Traverso campata
FS2 - Trave C11
FS2 - Trave C7
Traverso appoggio
FS2 - Centrale C9
FS2 - Trave C11
FS2 - Centrale C9
Traverso campata
FS2 - Trave C11
FS2 - Centrale C10
Traverso campata
Fess - Trave C12
Fess - Trave C8
FS2 - Centrale C10
Traverso campata
Fess - Trave C12
Fess - Trave C8
FS2 - Centrale C10
Traverso campata
Fess - Trave C12
Fess - Trave C8
FS2 - Centrale C11
Traverso campata
Fess - Trave C13
FS2 - Trave C9
FS2 - Centrale C11
Traverso appoggio
FS2 - Trave C13
FS2 - Trave C9
Traverso campata
FS2 - Centrale C11
Traverso campata
FS2 - Trave C13
FS2 - Trave C10
Fess - centrale - C12
Traverso campata
FS2 - Trave C10
Fess - centrale - C12
Traverso campata
Traverso campata
FS2 - Trave C10
Fess - centrale - C12
Traverso campata
FS2 - Trave C11
Traverso campata
Fess - centrale - C12
Traverso campata
FS2 - Trave C11
Fess - centrale - C13
FS2 - Trave C11
Traverso appoggio
FS2 - Centrale C13
FS2 - Trave C11
Fess - Trave C12
Traverso campata
FS2 - Centrale C13
Fess - Trave C12
Traverso campata
Fess - Trave C12
Traverso campata
Fess - Trave C12
Fess - Trave C13
FS2 - Trave C13
FS2 - Trave C13
FS2 - Trave C14
Y
X


Fess - Trave C12
Fess - Trave C13
FS2 - Trave C13
Traverso campata
FS2 - Trave C14
FS2 - Centrale C13
FS2 - Centrale C14
Fess - Trave C15
FS2 - Trave C15
Fess - Trave C16
FS2 - Centrale C15
Traverso appoggio
FS2 - Centrale C16
Fess - centrale - C16
FS2 - Trave C16
FS2 - Centrale C17
Fess - centrale - C17
FS2 - Trave C17
FS2 - Centrale C18
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FS2 - Centrale C19
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FS2 - Trave C20
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Fess - centrale - C21
FS2 - Trave C21
FS2 - Centrale C21
Fess - Trave C21
FS2 - Trave C22
FS2 - Centrale C22
Fess - centrale - C22
Fess - Trave C22
FS2 - Trave C23
FS2 - Centrale C23
Fess - centrale - C23
Fess - Trave C23
Fess - centrale - C24
Fess - Trave C24
Y
X
Z

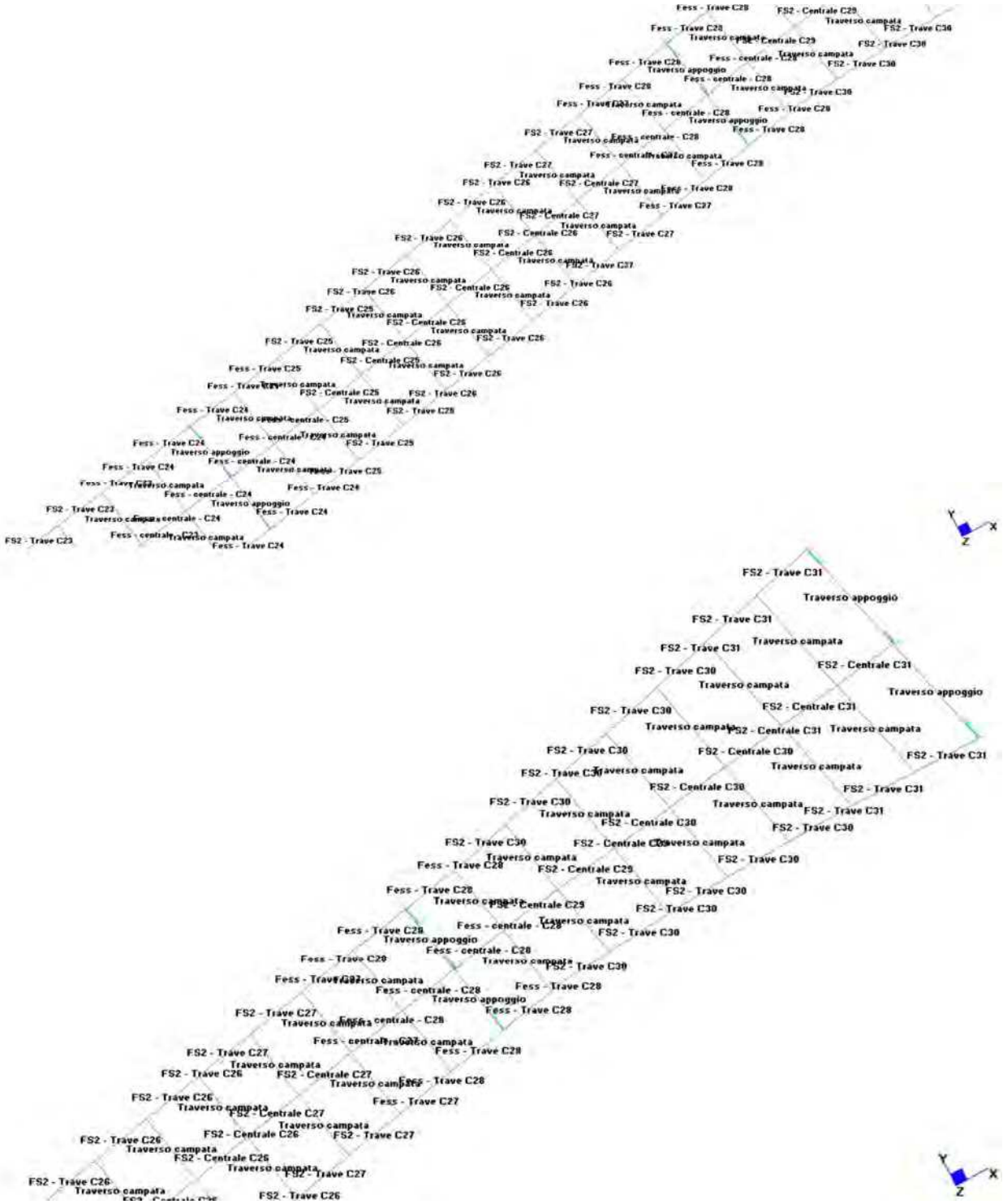
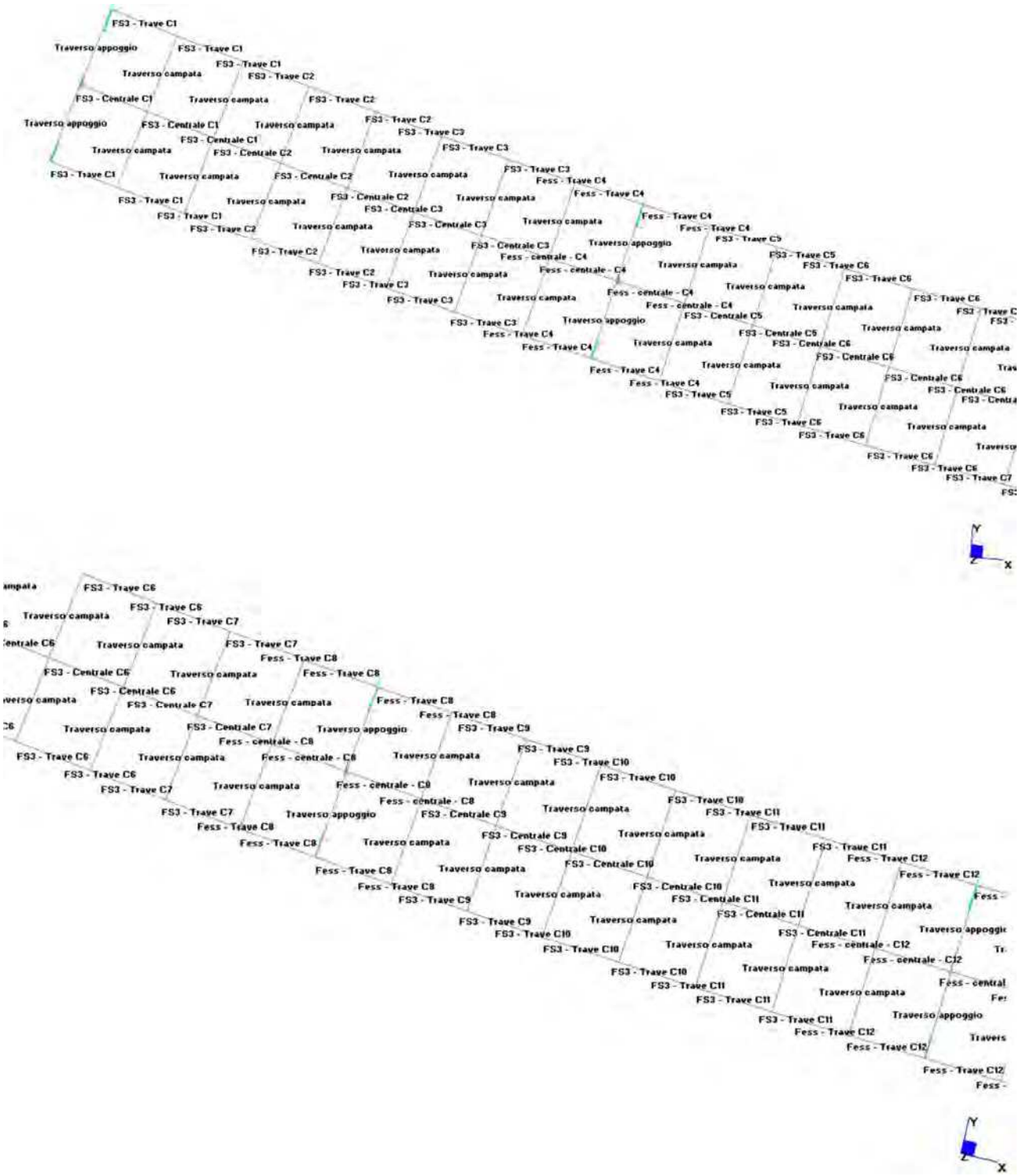


Figura 11 – Modello FEM – Proprietà elementi – Fase 2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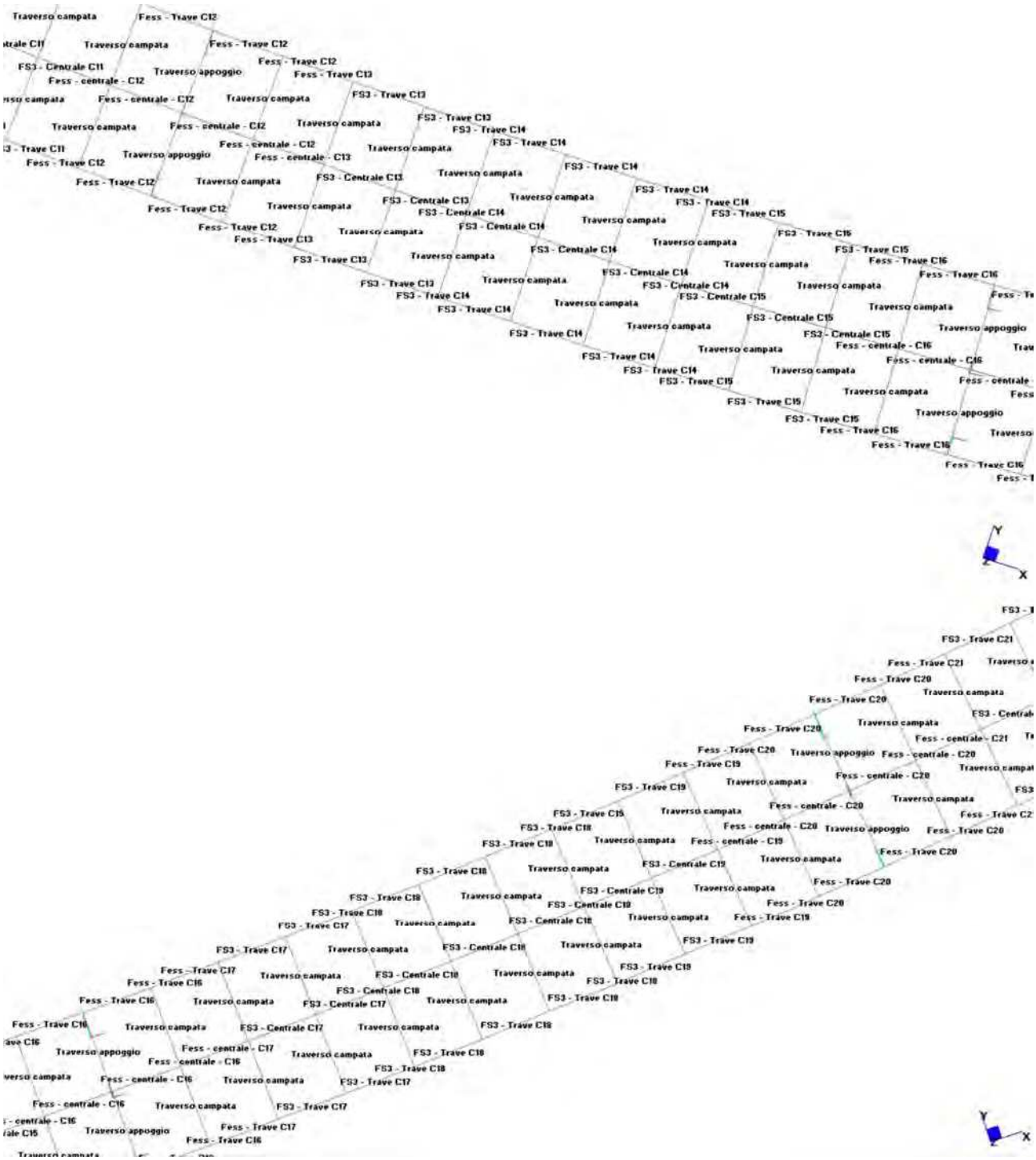
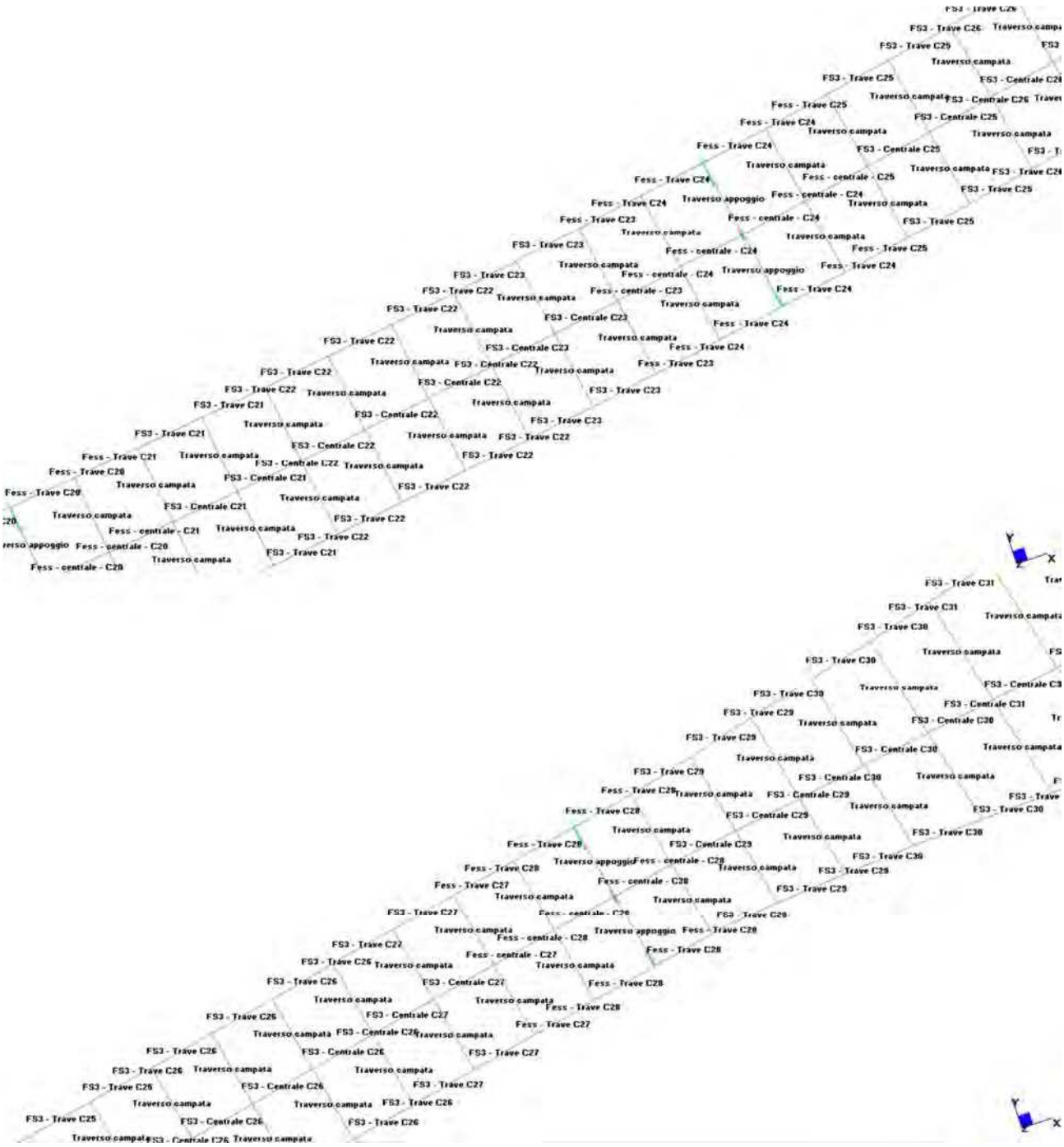
Traverso appoggio
Traverso campata
FS3 - Centrale C1
FS3 - Centrale C2
FS3 - Centrale C3
FS3 - Trave C2
FS3 - Trave C3
Fess - Trave C4
FS3 - Trave C5
FS3 - Trave C6
FS3 - Trave C7
FS3 - Centrale C5
FS3 - Centrale C6
FS3 - Centrale C7
Fess - centrale - C4
Fess - Trave C8
FS3 - Trave C9
FS3 - Trave C10
FS3 - Trave C11
FS3 - Centrale C9
FS3 - Centrale C10
FS3 - Centrale C11
Fess - centrale - C8
Fess - centrale - C12
Fess - Trave C12
Y
X


Traverso campata
Fess - Trave C12
Traverso appoggio
Fess - centrale - C12
FS3 - Centrale C11
FS3 - Trave C13
FS3 - Trave C14
FS3 - Trave C15
Fess - centrale - C13
FS3 - Centrale C13
FS3 - Centrale C14
Fess - Trave C13
FS3 - Trave C13
FS3 - Trave C14
FS3 - Centrale C15
Fess - Trave C16
Fess - centrale - C16
FS3 - Trave C15
Fess - centrale
Fess
Fess - Trave C16
Traverso
Fess - Trave C21
Fess - Trave C20
Fess - centrale - C21
Fess - centrale - C20
Fess - Trave C19
Fess - centrale - C19
FS3 - Trave C19
Fess - centrale - C20
FS3 - Trave C18
FS3 - Centrale C19
FS3 - Trave C17
Fess - Trave C17
FS3 - Centrale C18
FS3 - Centrale C17
Fess - centrale - C17
Fess - centrale - C16
Fess - Trave C16
Traverso campata
Traverso appoggio
Y
X


FS3 - Trave C26
FS3 - Trave C25
FS3 - Centrale C25
Fess - Trave C25
Fess - Trave C24
Traverso campata
Fess - centrale - C24
Traverso appoggio
FS3 - Trave C24
FS3 - Trave C23
FS3 - Centrale C23
Fess - centrale - C23
FS3 - Trave C22
FS3 - Centrale C22
Fess - Trave C23
FS3 - Trave C21
FS3 - Centrale C21
Fess - Trave C22
Fess - Trave C21
Fess - Trave C20
Fess - centrale - C21
Fess - centrale - C20
Fess - centrale - C28
FS3 - Trave C31
FS3 - Trave C30
FS3 - Centrale C30
FS3 - Trave C29
FS3 - Centrale C29
Fess - Trave C28
Fess - centrale - C28
Fess - Trave C27
Fess - centrale - C27
FS3 - Trave C27
FS3 - Centrale C27
FS3 - Trave C26
FS3 - Centrale C26
Fess - Trave C26
Fess - centrale - C26

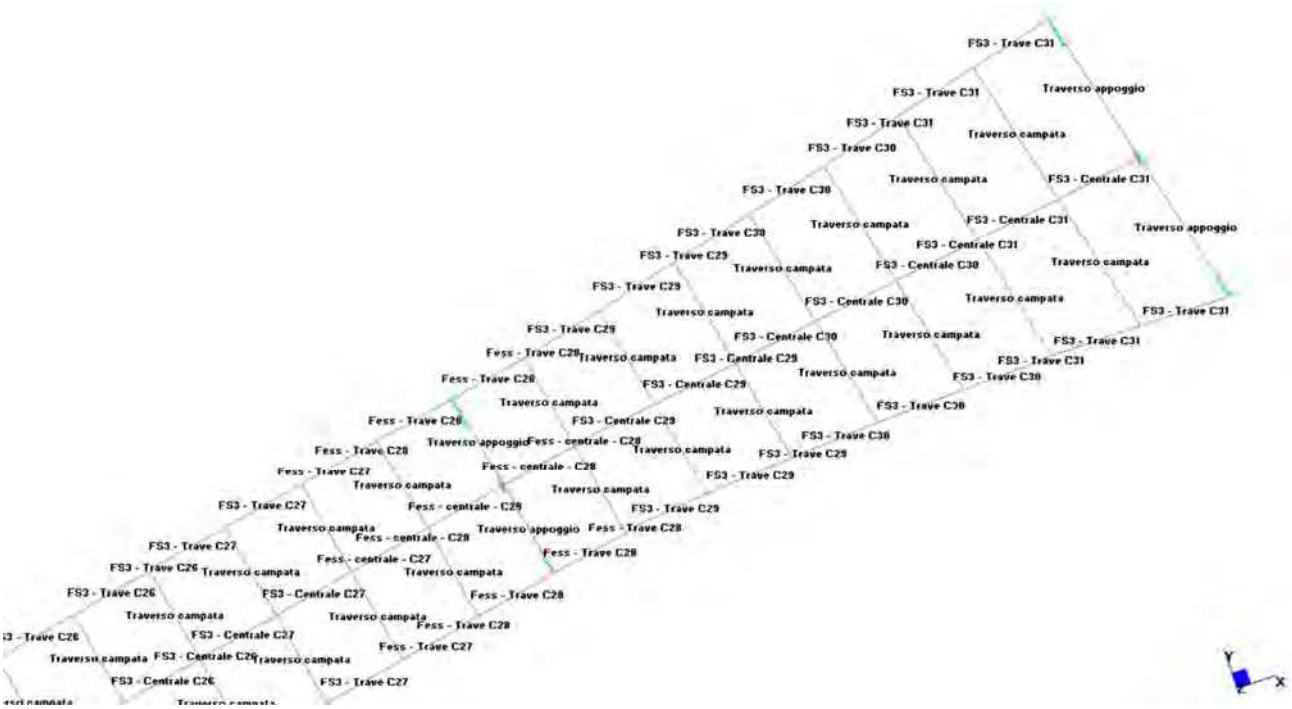


Figura 12 – Modello FEM – Proprietà elementi – Fase 3

8 ANALISI DEI CARICHI STATICI

Si descrivono di seguito i carichi considerati nelle differenti fasi.

8.1 Fase 1

8.1.1 Impalcato metallico

Il peso dell'impalcato metallico è stato assegnato automaticamente ad ogni elemento nella modellazione ad elementi finiti, imponendo il peso per unità di volume γs=78.50 kN/m^3; tali pesi sono stati incrementati dell'80%, per considerare il peso di sbalzi, saldature, irrigidimenti, controventi, piastre, pioli, imbottiture etc.

8.1.2 Soletta in c.a.

Il peso della soletta in c.a. (peso per unità di volume γs=25 kN/m^3) di spessore 25 cm e larghezza complessiva 18.40m, viene ripartito sulle tre travi principali in base alla loro larghezza di influenza, come:

travi laterali: (6.70m * 0.25m) * 25 kN/m^3 = 41.56 kN/m

trave centrale: (5.00 * 0.25m) * 25 kN/m^3= 31.25 kN/m

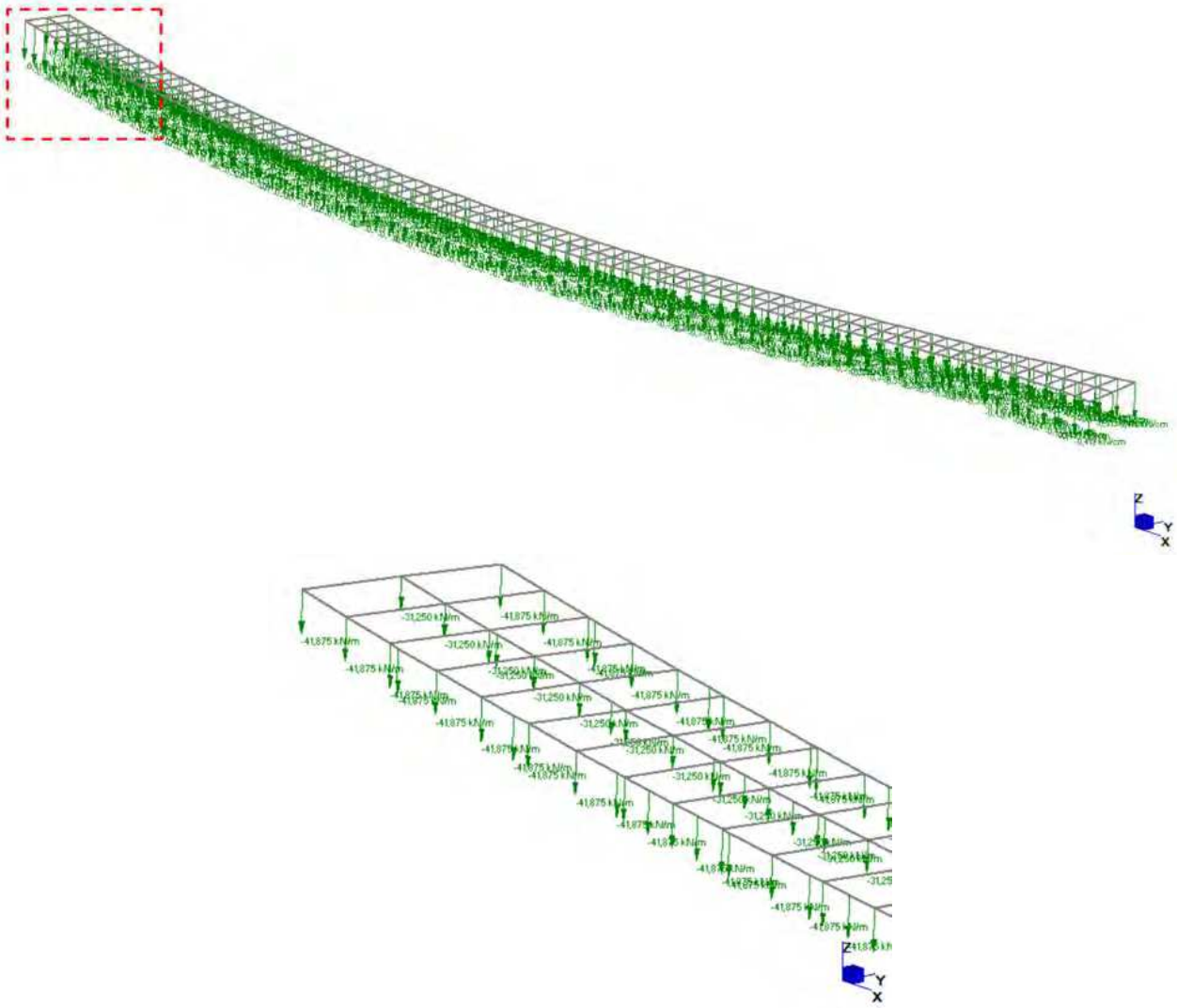


Figura 13 – Modello FEM Fase 1 – Soletta

8.2 Fase 2

8.2.1 Permanenti non strutturali

Si considerano i carichi permanenti non strutturali seguenti:

- Pavimentazione 3.00 kN/m^2
- Barriere stradali (filo interno cordolo) 1.50 kN/m
- Velette laterali 1.50 kN/m
- Collettore smaltimento acque (in centro al traverso) 3.50 kN/m
- Grigliato di ispezione a fondo cassero 0.50 kN/m^2

Per determinare l'aliquota del carico che viene trasferita a ciascuna trave di impalcato, si considera una ripartizione rigida secondo la formulazione di Courbon.

NOME: | **RIPARTIZIONE TRASVERSALE CARICHI (COURBON)**

CARICHI PERMANENTE

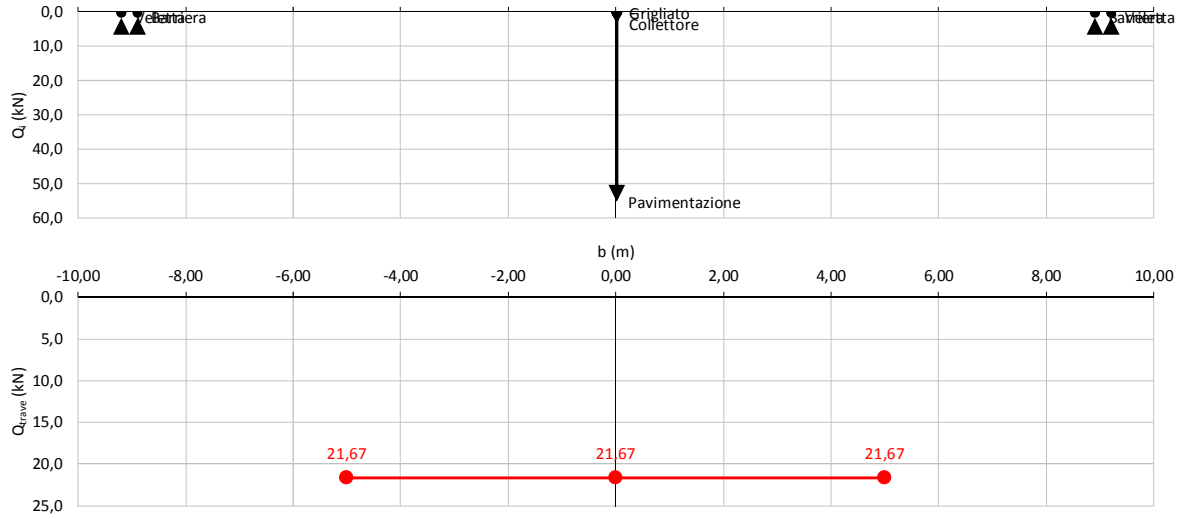
N°	Veletta	Barriera	entazione	Collettore	Grigliato	Barriera	Veletta	-	-	-	
Q_i (kN)	1,50	1,50	55,20	3,50	0,30	1,50	1,50	0,00	0,00	0,00	65,00
e_i (m)	-9,20	-8,90	0,00	0,00	0,00	8,90	9,20	0,00	0,00	0,00	

DATI TRAVI

Trave N°	b_i (m)	I_i (cm^4)	$b_i*I_i^2$ (m^3)
1	-5,00	1	0,000
2	0,00	1	0,000
3	5,00	1	0,000
4			0,000
		0	0,000

COEFFICIENTI INFLUENZA CARICHI TRAVI

	k_1	k_2	k_3	k_4	k_5	k_6	k_7	k_8	k_9	k_{10}	Q_{trave} (kN)
	1,253	1,223	0,333	0,333	0,333	-0,557	-0,587	0,333	0,333	0,333	**21,67**
	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**21,67**
	-0,587	-0,557	0,333	0,333	0,333	1,223	1,253	0,333	0,333	0,333	**21,67**
	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	**0,00**
	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	65,00



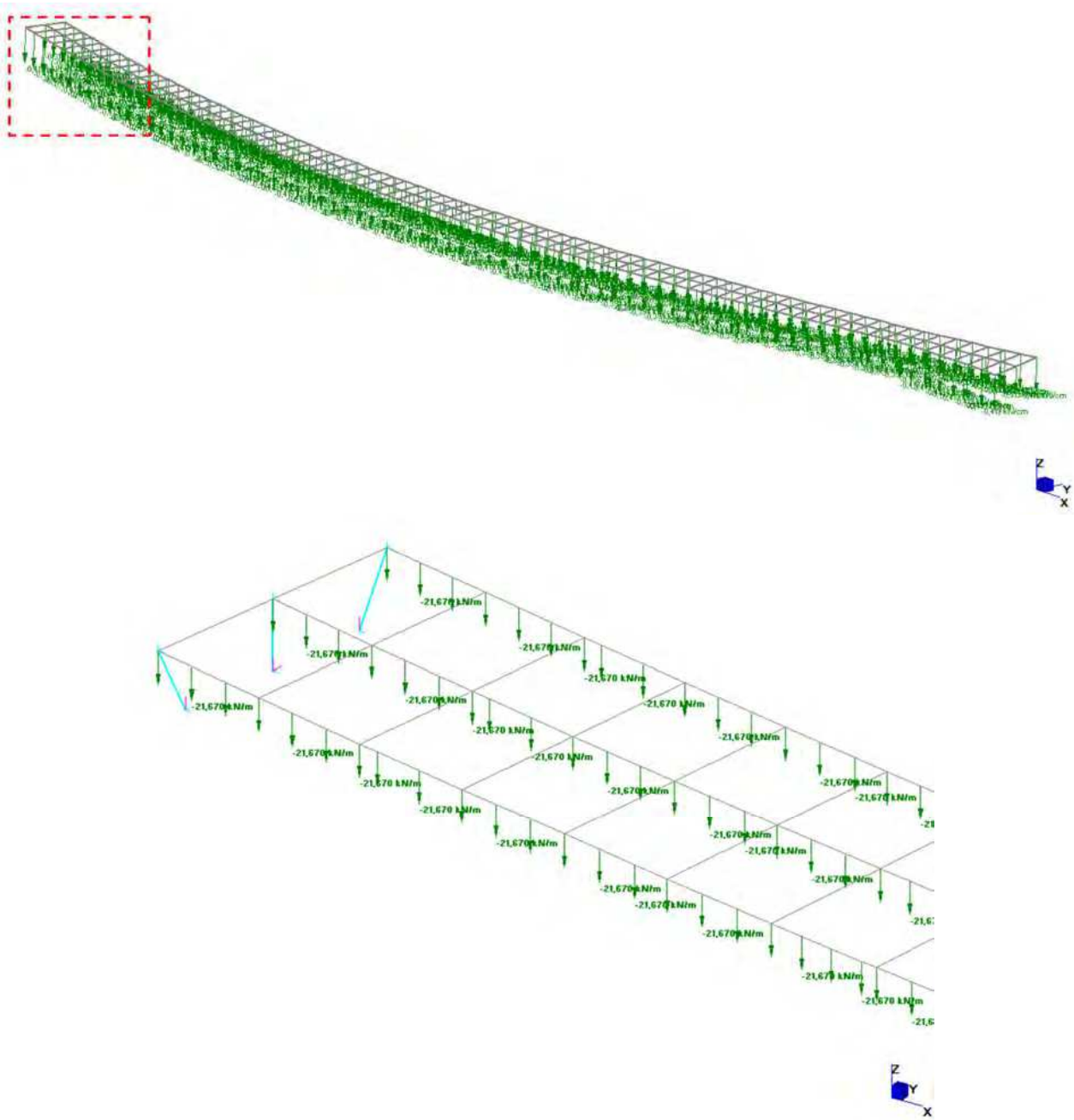


Figura 14 – Modello FEM Fase 2 – Permanenti non strutturali

8.2.2 Ritiro

Le considerazioni circa gli effetti del ritiro e della viscosità sull'impalcato sono valutati direttamente sul software di calcolo delle sezioni miste "PONTI EC4" in aderenza alle prescrizioni contenute in EN 1992-2. Nel seguito si riportano le valutazioni.

Caratteristiche del cls a tempo zero

Resistenza a compressione caratteristica, f_{ck} (N/mm^2)	35,00
Resistenza a compressione media, $f_{cm} = f_{ck} + 8$ (N/mm^2)	43,00
Modulo elastico secante, $E_{cm} = 22000\ (f_{cm}/10)^{0.3}$ k (N/mm^2)	34.077,15
Coefficiente di correzione, k	1,00
Tipo di aggregati presenti nell'impasto	Quarziti
Classe del cemento	N

Coefficienti di omogeneizzazione

Moduli elastici Longitudinali		Moduli elastici Tangenziali	
nE a tempo 0	6,162	nG a tempo 0	5,688
nE(t,t_0) - Permanenti	19,505	nG(t,t_0) - Permanenti	18,005
nE(t,t_0) - Ritiro	12,834	nG(t,t_0) - Ritiro	11,847
nE(t,t_0) - Def. imposte	20,167	nG(t,t_0) - Def. imposte	18,616

Tempo e ambiente

Eta' del calcestruzzo in giorni all'inizio del ritiro per essiccamento, t_s	3
Eta' del calcestruzzo in giorni al momento dell'applicazione dei carichi permanenti, t_0	7
Eta' del calcestruzzo in giorni al momento dell'applicazione del ritiro, t_0	7
Eta' del calcestruzzo in giorni al momento dell'applicazione delle deformazioni imposte, t_0	28
Eta' del calcestruzzo in giorni, t	36.500
Dimensione fittizia dell'elemento di cls, $h_0 = 2A_c/u$ (mm)	500
Sezione dell'elemento, A_c (mm^2)	1.662.500,00
Perimetro a contatto con l'atmosfera, u (mm)	6.650,00
Umidita' relativa percentuale, RH (%)	75

Coefficiente di viscosita' $\varphi(t,t_0)$ e modulo elastico E_{cm} al tempo "t"

Coefficiente di viscosita' $\varphi(t,t_0) = \varphi_0\,\beta_c(t,t_0) =$	
al momento dell'applicazione dei carichi permanenti	1,968
al momento dell'applicazione del ritiro	1,968
al momento dell'applicazione delle deformazioni imposte	1,515
Coefficiente nominale di viscosita', $\varphi_0 = \varphi_{RH}\,\beta_c(f_{cm})\beta_c(t_0) =$	
al momento dell'applicazione dei carichi permanenti	1,986
al momento dell'applicazione del ritiro	1,986
al momento dell'applicazione delle deformazioni imposte	1,528
Coefficiente per l'evoluzione della viscosita' nel tempo, $\beta_c(t_0) = 1/(0.1+t_0^{0.20})$	
al momento dell'applicazione dei carichi permanenti	0,635
al momento dell'applicazione del ritiro	0,635
al momento dell'applicazione delle deformazioni imposte	0,488
Eta' del calcestruzzo corretta in funzione della tipologia di cemento, $t_0 = t_0\,[9/(2+t_0^{1.2})+1]^{\alpha}$ >=0.5	
al momento dell'applicazione dei carichi permanenti	7,00
al momento dell'applicazione del ritiro	7,00
al momento dell'applicazione delle deformazioni imposte	28,00
Coefficiente per la variabilita' della viscosita' nel tempo, $\beta_c(t,t_0) = [(t-t_0)/(\beta_H+t-t_0)]^{0.30}$	
al momento dell'applicazione dei carichi permanenti	0,991
al momento dell'applicazione del ritiro	0,991
al momento dell'applicazione delle deformazioni imposte	0,991
Modulo elastico al tempo "t", $E_{cm}(t,t_0) = E_{cm}/[1+\psi^*\varphi(t,t_0)]$	
al momento dell'applicazione dei carichi permanenti	10.766
al momento dell'applicazione del ritiro	16.363
al momento dell'applicazione delle deformazioni imposte	10.413
$\psi =$	
al momento dell'applicazione dei carichi permanenti	1,100
al momento dell'applicazione del ritiro	0,550
al momento dell'applicazione delle deformazioni imposte	1,500
Altri dati:	
Coefficiente che tiene conto dell'umidita', $\varphi_{RH} = 1 + [(1-RH/100)/(0.1h_0^{1/3})\alpha_1]\alpha_2$	1,221
Coefficiente per la resistenza del cls, $\alpha_1 = (35/f_{cm})^{0.7}$ per f_{cm} >35 Mpa oppure $\alpha_1 = 1$ per f_{cm} <=35 Mpa	0,866
Coefficiente per la resistenza del cls, $\alpha_2 = (35/f_{cm})^{0.2}$ per f_{cm} >35 Mpa oppure $\alpha_2 = 1$ per f_{cm} <=35 Mpa	0,960
Coefficiente per la resistenza del cls, $\beta_c(f_{cm}) = 16.8/f_{cm}^{0.5}$	2,562
Coefficiente per il tipo di cemento, α =	0
Coefficiente che tiene conto dell'umidita', $\beta_H = 1.5\,[1+(0.012\,RH)^{18}]\,h_0 + 250\,\alpha_3$ <= $1500\,\alpha_3$	1.088

Coefficiente per la resistenza del cls, $\alpha_3 = (35/f_{cm})^{0.5}$ per $f_{cm} > 35$ Mpa oppure $\alpha_3 = 1$ per $f_{cm} <= 35$ Mpa	0,902

Deformazione di ritiro $\varepsilon_s(t,t_0)$

$\varepsilon_s(t,t_0) = \varepsilon_{cd}(t) + \varepsilon_{ca}(t) = 0{,}000270$

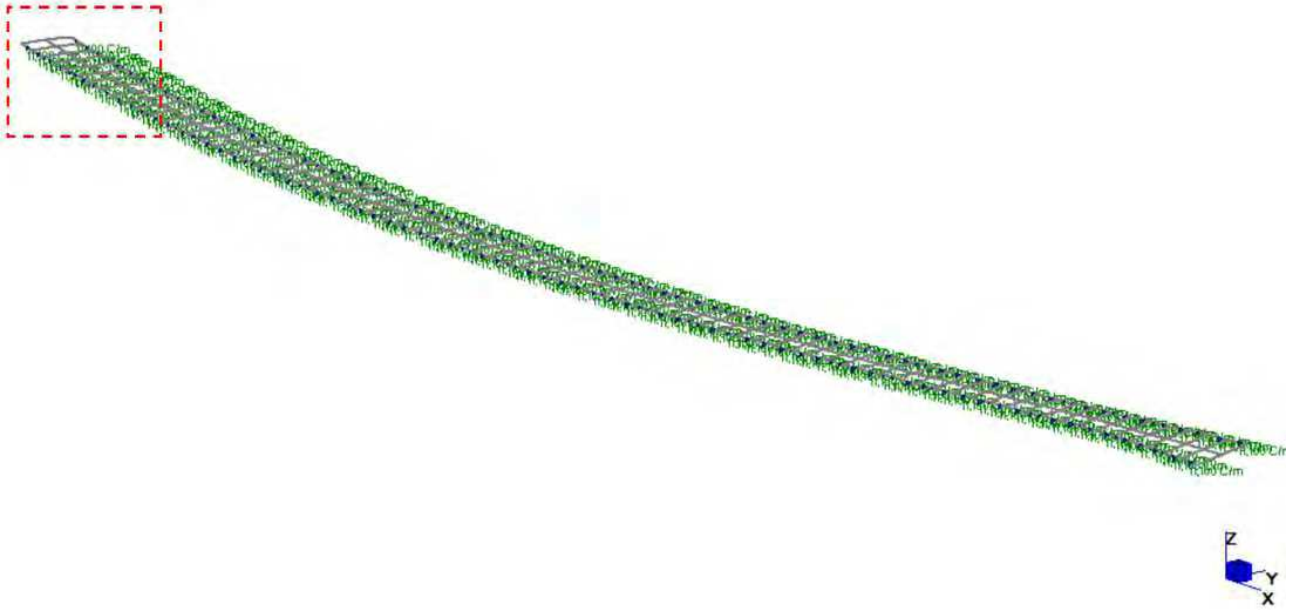
Dove:

Deformazione dovuta al ritiro per essiccamento, $\varepsilon_{cd}(t) = \beta_{ds}(t,t_s)\, k_h\, \varepsilon_{cd,0} =$	0,000208
Coeff. per la variabilita' della deformazione nel tempo, $\beta_{ds}(t,t_s) = (t-t_s)/[(t-t_s)+0.04(h_0{}^3)^{0.5}] =$	0,988
Parametro che dipende da h_0 (vedi prospetto seguente), $k_h =$	0,70
Deformazione di base, $\varepsilon_{cd,0} = 0.85\,[(220+110\alpha_{ds1})*\exp(-\alpha_{ds2}*f_{cm}/f_{cm0})]\, 10^{-6}\, \beta_{RH} =$	0,000300
$\beta_{RH} = 1.55\,[1-(RH/RH0)^3] =$	0,896
$f_{cm0} =$	10 Mpa
RH0 =	100%
Coefficiente per il tipo di cemento, α_{ds1}	4
Coefficiente per il tipo di cemento, α_{ds2}	0,12
Deformazione dovuta al ritiro autogeno, $\varepsilon_{ca}(t) = \beta_{as}(t)\, \varepsilon_{caoo} =$	0,0000625
$\beta_{as}(t) = 1-\exp(-0.2t^{0.5}) =$	1,00
$\varepsilon_{caoo} = 2.5(f_{ck}-10)\, 10^{-6} =$	0,0000625

Valori di k_h

h_0	k_h
100	1.00
200	0.85
300	0.75
>=500	0.70

Per gli effetti iperstatici del ritiro lo stesso "Ponti EC4" fornisce dei valori equivalenti di gradiente differenziale di temperatura da considerare nella modellazione dell'impalcato; in particolare è stato attribuito alle travi principali del modello di Fase 2 un gradiente termico pari a 11,1 °C/m.



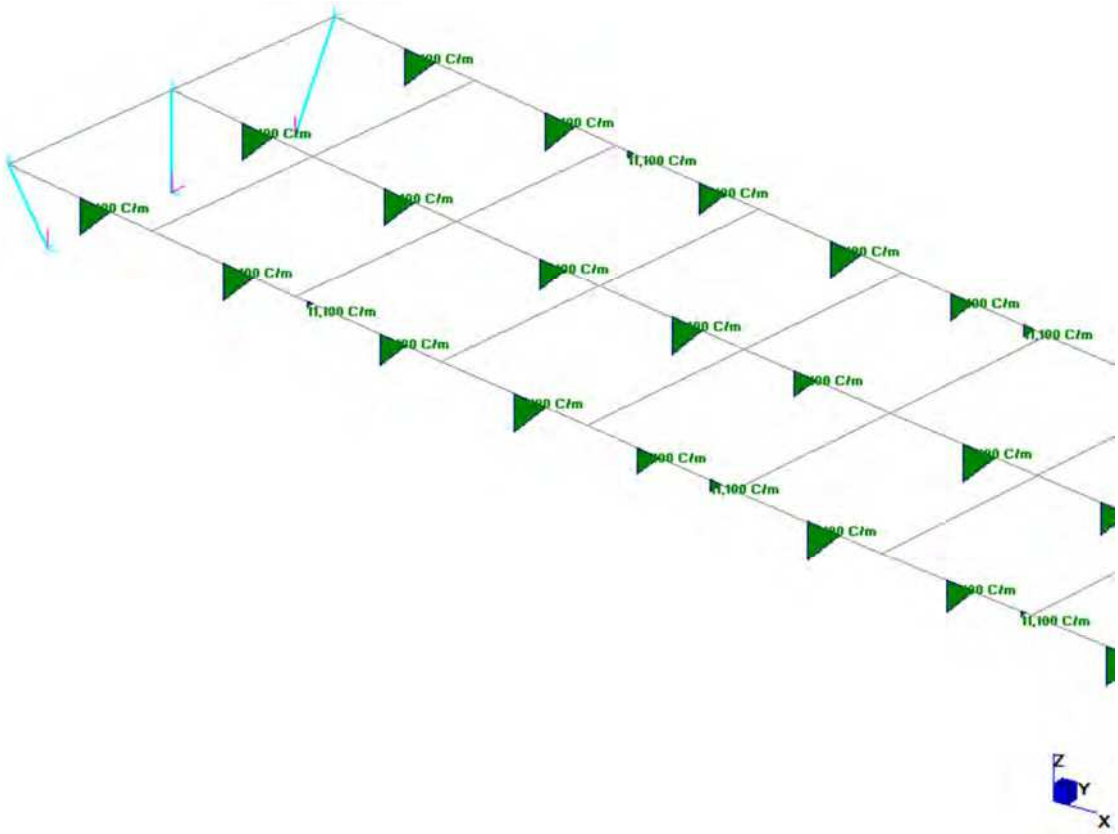


Figura 15 – Modello FEM Fase 2 – Ritiro

8.3 Fase 3

8.3.1 Azioni variabili da traffico veicolare

Le azioni variabili del traffico definite nello Schema di Carico 1 (DM2018 – p.to 5.1.3.3.5) sono costituite da carichi concentrati e da carichi uniformemente distribuiti. Tale schema è da assumere a riferimento sia per le verifiche globali, sia per le verifiche locali.

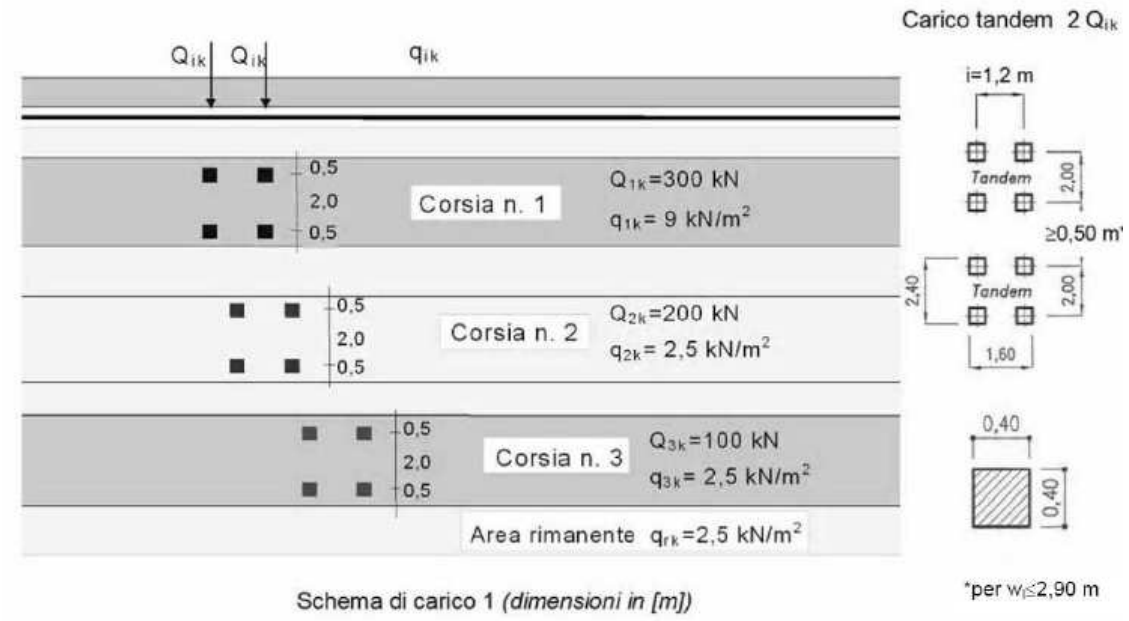


Figura 16 – Schema n°1 carichi mobili

Tabella 5.1.II - *Intensità dei carichi* Q_{ik} *e* q_{ik} *per le diverse corsie*

Posizione	Carico asse Q_{ik} [kN]	q_{ik} [kN/m²]
Corsia Numero 1	300	9,00
Corsia Numero 2	200	2,50
Corsia Numero 3	100	2,50
Altre corsie	0,00	2,50

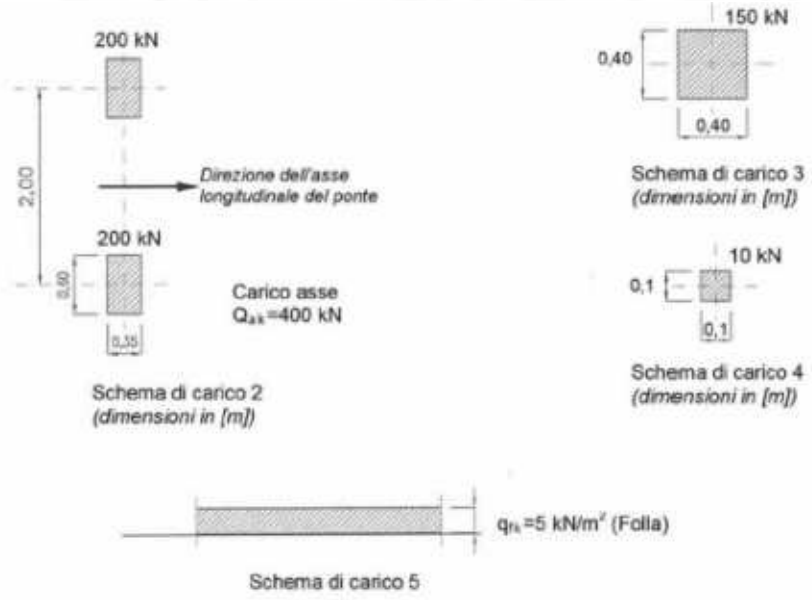


Figura 17 – Schema n°2,3,4,5 carichi mobili

Per determinare l'aliquota del carico mobile che viene trasferita a ciascuna trave di impalcato, si

considera una ripartizione rigida secondo la formulazione di Courbon.
Le azioni così individuate sono state applicate direttamente agli elementi finiti del modello numerico.

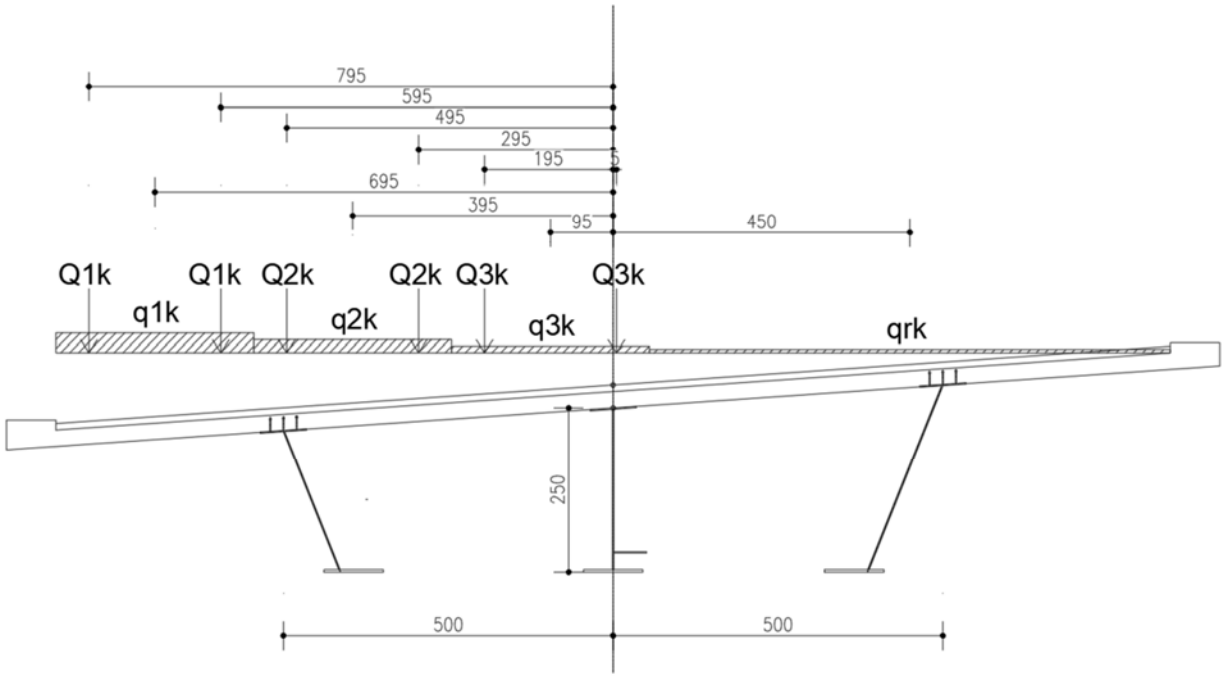


Figura 18 – Schema ripartizione carichi da traffico

Nel modello di analisi i carichi concentrati vengono sostituiti da un carico uniformemente distribuito equivalente della lunghezza longitudinale di 1.60 m, criterio comunque cautelativo considerando l'effettiva diffusione del carico.
Le sollecitazioni flettenti e di taglio nei differenti conci di trave vengono massimizzate considerando differenti posizioni longitudinali del carico tandem; questi inoltre sono stati disposti in differenti configurazioni trasversali al fine di massimizzare sia il carico verticale complessivo che lo squilibrio trasversale.

NOME: | **RIPARTIZIONE TRASVERSALE CARICHI (COURBON)**

CARICHI TANDEM

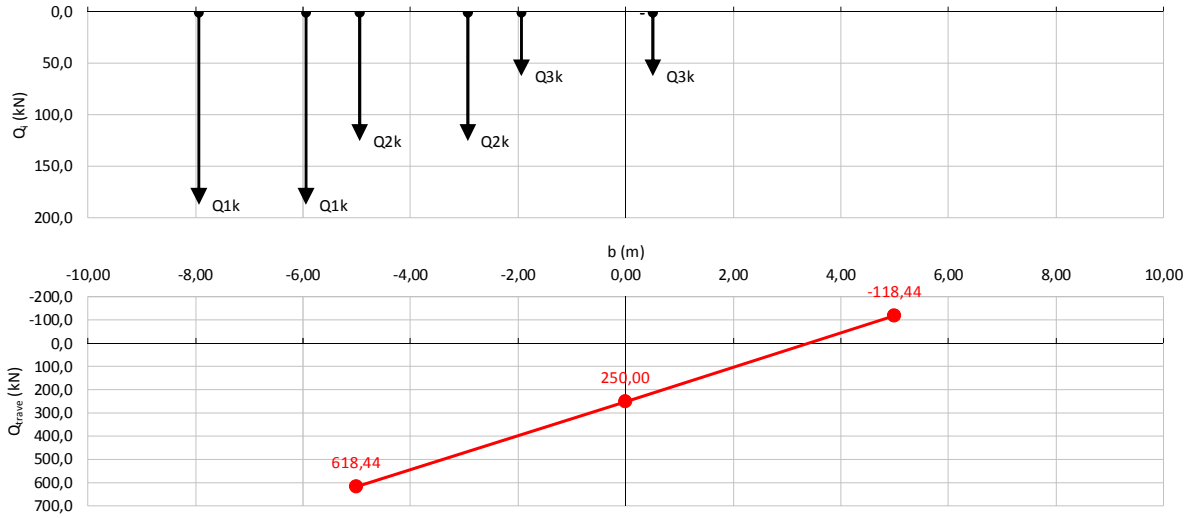
N°	Q1k	Q1k	Q2k	Q2k	Q3k	Q3k	-	-	-	-	
Q_i (kN)	187,50	187,50	125,00	125,00	62,50	62,50	0,00	0,00	0,00	0,00	750,00
e_i (m)	-7,95	-5,95	-4,95	-2,95	-1,95	0,50	0,00	0,00	0,00	0,00	

DATI TRAVI

Trave N°	b_i (m)	I_i (cm^4)	$b_i*I_i^2$ (m^3)
1	-5,00	1	0,000
2	0,00	1	0,000
3	5,00	1	0,000
4			0,000
		0	0,000

COEFFICIENTI INFLUENZA CARICHI TRAVI

	k_1	k_2	k_3	k_4	k_5	k_6	k_7	k_8	k_9	k_{10}	Q_{trave} (kN)
	1,128	0,928	0,828	0,628	0,528	0,283	0,333	0,333	0,333	0,333	**618,44**
	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**250,00**
	-0,462	-0,262	-0,162	0,038	0,138	0,383	0,333	0,333	0,333	0,333	**-118,44**
	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	**0,00**
	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	750,00



NOME: | **RIPARTIZIONE TRASVERSALE CARICHI (COURBON)**

CARICHI DISTRIBUITO

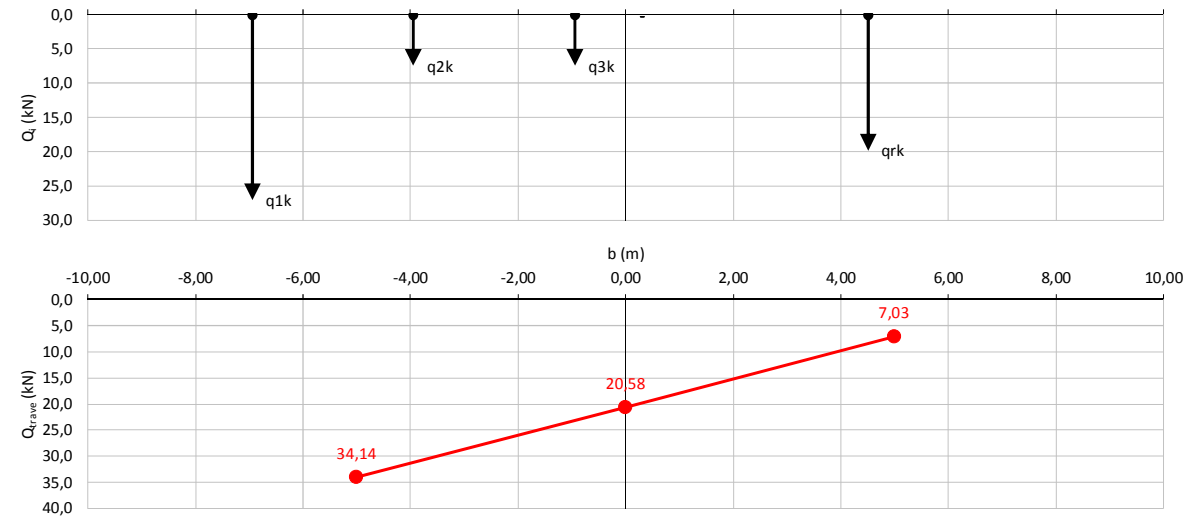
N°	q1k	q2k	q3k	qrk	-	-	-	-	-	-	
Q_i (kN)	27,00	7,50	7,50	19,75	0,00	0,00	0,00	0,00	0,00	0,00	61,75
e_i (m)	-6,95	-3,95	-0,95	4,50	0,00	0,00	0,00	0,00	0,00	0,00	

DATI TRAVI

Trave N°	b_i (m)	I_i (cm^4)	$b_i*I_i^2$ (m^3)
1	-5,00	1	0,000
2	0,00	1	0,000
3	5,00	1	0,000
4			0,000
		0	0,000

COEFFICIENTI INFLUENZA CARICHI TRAVI

	k_1	k_2	k_3	k_4	k_5	k_6	k_7	k_8	k_9	k_{10}	Q_{trave} (kN)
	1,028	0,728	0,428	-0,117	0,333	0,333	0,333	0,333	0,333	0,333	**34,14**
	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**20,58**
	-0,362	-0,062	0,238	0,783	0,333	0,333	0,333	0,333	0,333	0,333	**7,03**
	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	**0,00**
	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	61,75



Si riportano nelle figure seguenti alcune condizioni di carico da traffico.

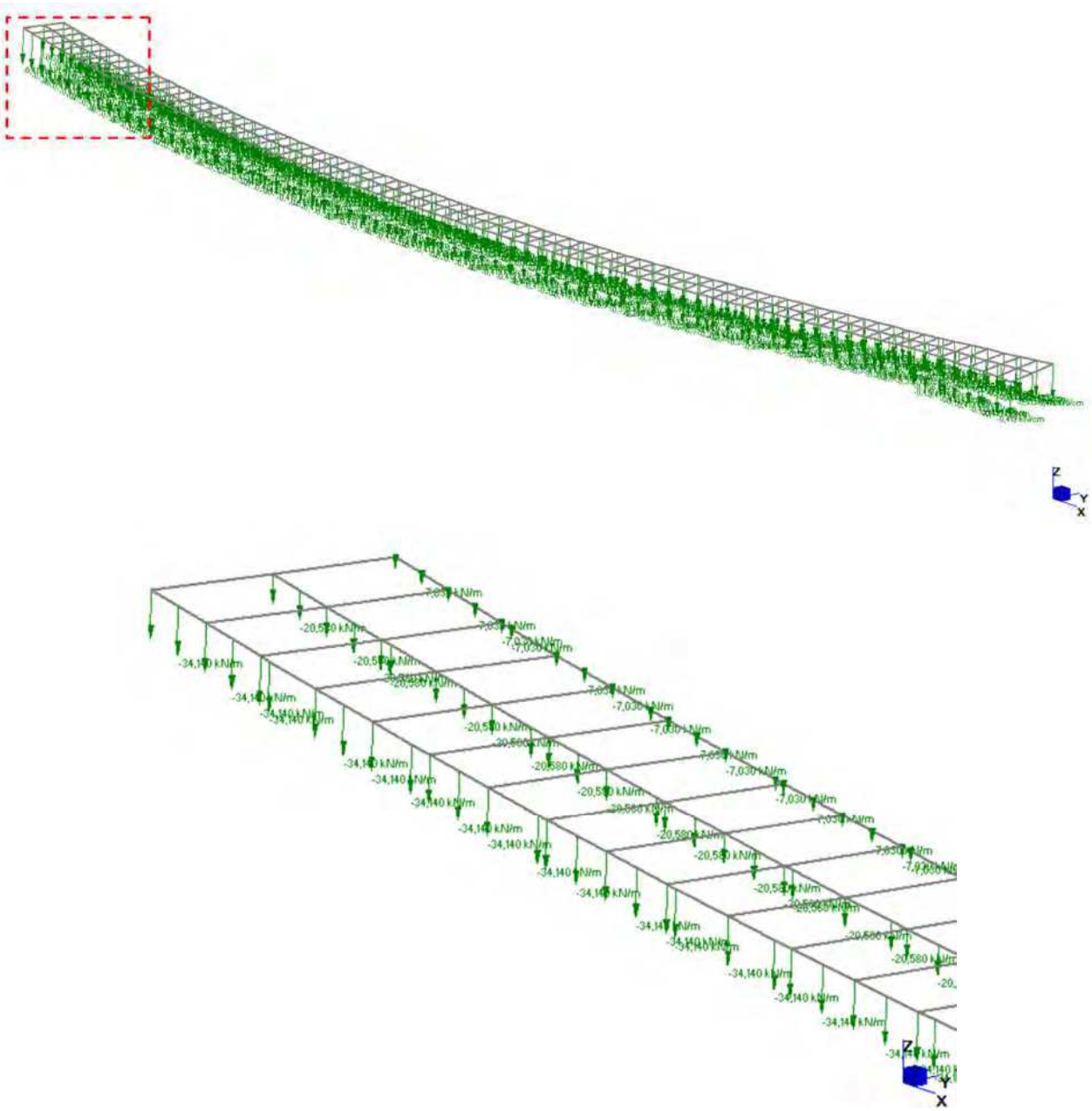


Figura 19 – Modello FEM Fase 3 – Accidentali da carico distribuito

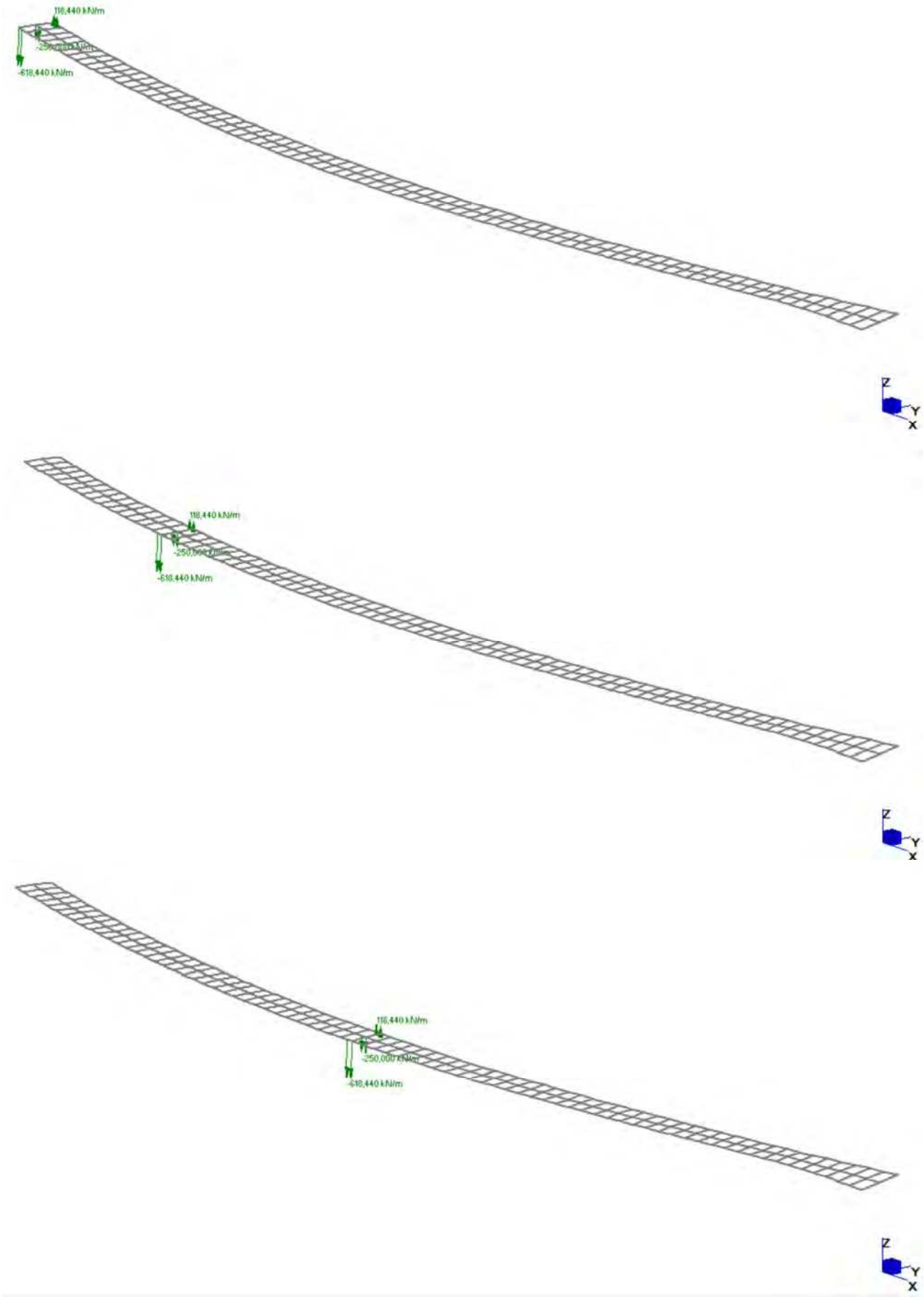

118,440 kN/m
-618,440 kN/m
Z
Y
X
118,440 kN/m
-618,440 kN/m
Z
Y
X
118,440 kN/m
-250,000 kN/m
-618,440 kN/m
Z
Y
X

Figura 20 – Modello FEM Fase 3 – Accidentali da carico tandem

8.3.2 Azioni variabili da vento

Si esegue di seguito il calcolo dell'azione del vento applicato all'impalcato in condizioni cariche con veicoli transitanti.

NOME: | **CALCOLO AZIONE VENTO IMPALCATO (CNR DT207/2008)**

PARAMETRI VENTO DI PROGETTO

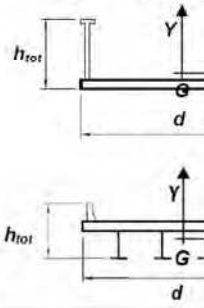
Zona	3	(Tab.3.I)
$v_{b,0}$ (m/s)	27,00	Velocità base liv. mare (Tab.3.I)
c_a	1,00	Coeff. altitudine
v_b (m/s)	27,00	Velocità base riferimento vento
T_R (anni)	100	Tempo ritorno vento
c_r	1,063	Coeff. tempo ritorno
v_r (m/s)	28,69	Velocità riferimento vento
k_a	0,37	Fattore altituudine (Tab.3.I)
a_s (m s.l.m.)	200	Altitudine sito
a_0 (m s.l.m.)	500	Altitudine base (Tab.3.I)
Categoria	3	(Tab. 3.II - 3.III)
k_r	0,20	Fattore terreno (Tab.3.II)
z_{min} (m)	5,00	Altezza minima (Tab.3.II)
z_0 (m)	0,10	Altezza rugosità (Tab.3.II)
c_t	1,00	Coeff. topografico

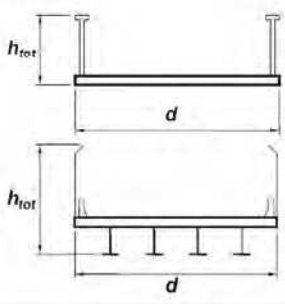
DATI GEOMETRICI IMPALCATO

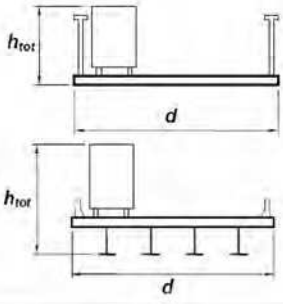
h_{tot} (m)	5,85	Altezza impalcato
d (m)	18,40	Larghezza impalcato
d/h_{tot}	3,15	(§G.11.1)
z (m)	11,78	Altezza dal suolo impalcato
c_e	2,24	Coeff. esposizione
ρ (kg/m^3)	1,25	Massa specifica aria
q_p (Pa)	1155	Pressione cinetica picco
c_{fx}	0,49	
c_{fy}	1,01	
c_{mz}	0,20	
f_x (kN/m)	10,37	(§G.11.1)
f_y (kN/m)	21,56	(§G.11.1)
m_t (kNm/m)	78,20	(§G.11.1)

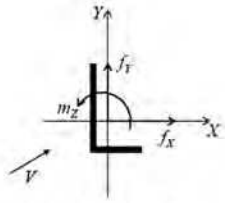
AZIONI TOTALI IMPALCATO

L influenza (m)	313,00
F_x (kN)	3247,0
F_y (kN)	6748,0
M_z (kNm)	24476,8









$$f_x(z) = q_p(z) \cdot l \cdot c_{fx}$$

$$f_t(z) = q_p(z) \cdot l \cdot c_{ft}$$

$$m_z(z) = q_p(z) \cdot l^2 \cdot c_{mz}$$

NOME: | **RIPARTIZIONE TRASVERSALE CARICHI (COURBON)**

CARICHI VENTO CARICO

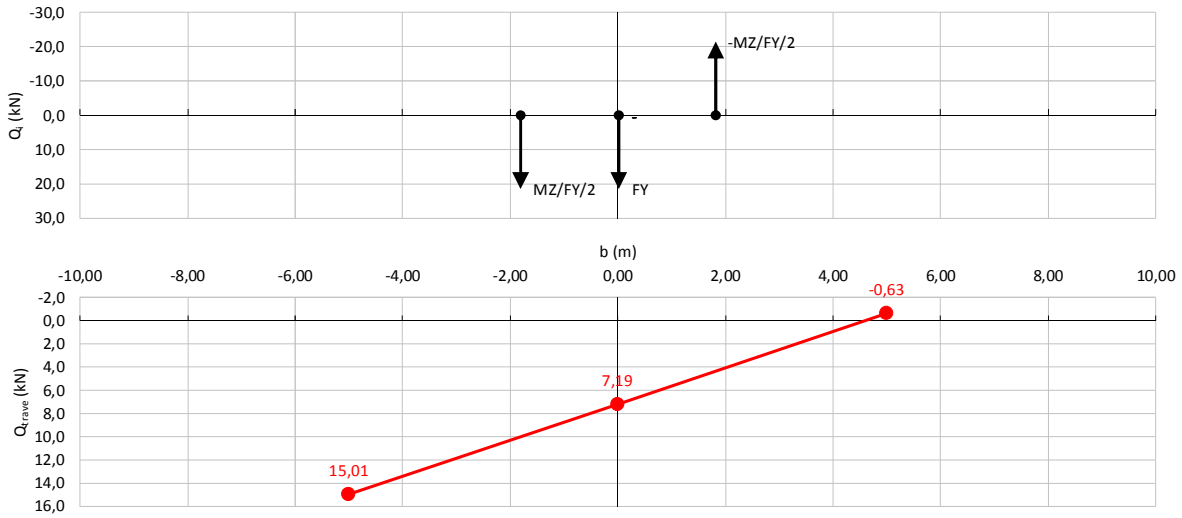
N°	-MZ/FY/2	MZ/FY/2	FY	-	-	-	-	-	-	-	
Q_i (kN)	-21,56	21,56	21,56	0,00	0,00	0,00	0,00	0,00	0,00	0,00	21,56
e_i (m)	1,81	-1,81	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	

DATI TRAVI

Trave N°	b_i (m)	I_i (cm^4)	$b_i*I_i^2$ (m^3)
1	-5,00	1	0,000
2	0,00	1	0,000
3	5,00	1	0,000
4			0,000
		0	0,000

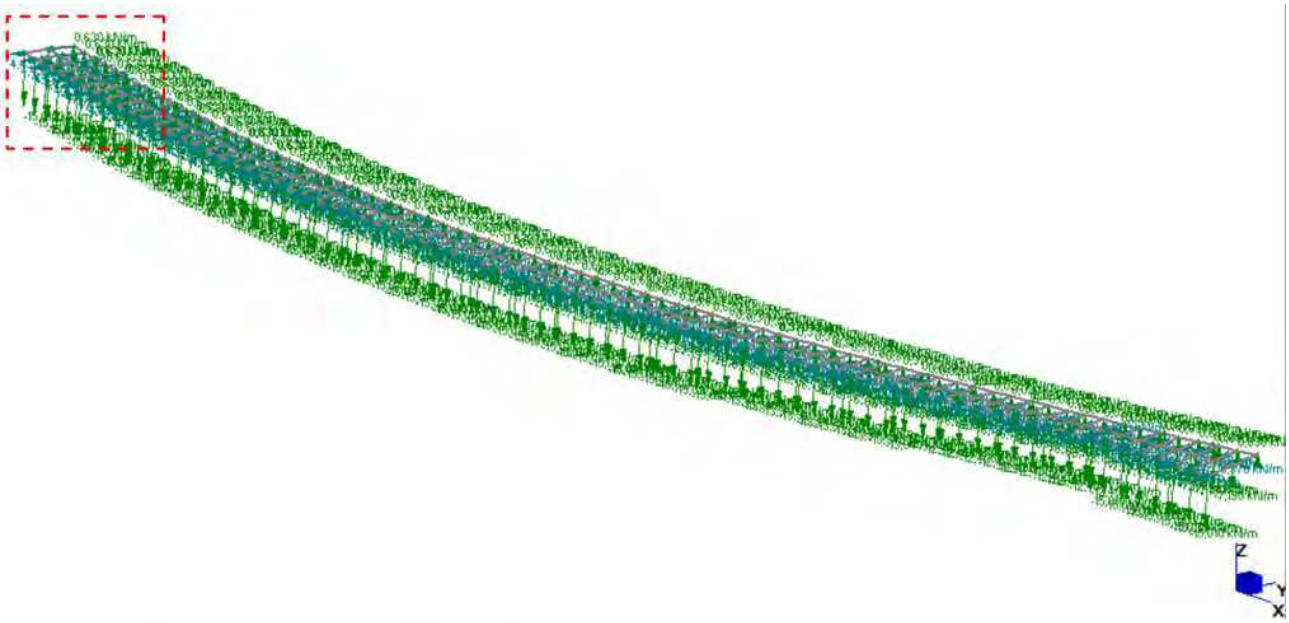
COEFFICIENTI INFLUENZA CARICHI TRAVI

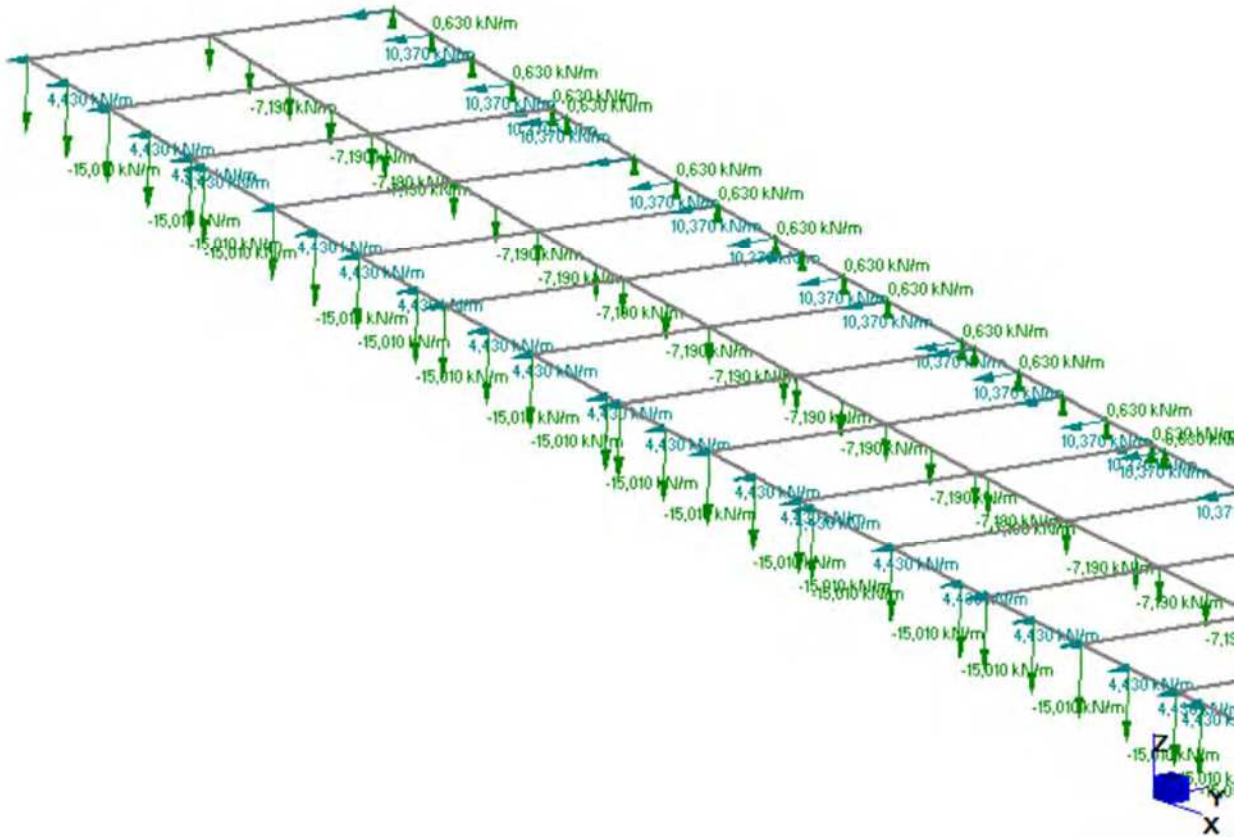
	k_1	k_2	k_3	k_4	k_5	k_6	k_7	k_8	k_9	k_{10}	Q_{trave} (kN)
1	0,152	0,515	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**15,01**
2	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**7,19**
3	0,515	0,152	0,333	0,333	0,333	0,333	0,333	0,333	0,333	0,333	**-0,63**
4	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	**0,00**
	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	21,56



Per calcolare i tagli verticali sulle travi che induce l'azione torcente del vento sull'intera sezione di

impalcato, si simula nella ripartizione di Courbon una coppia di forze verticali f_y poste ad una distanza tale da produrre un momento torcente trasversale m_z. Agli elementi finiti del modello numerico sono quindi applicate le reazioni verticali calcolate e le rimanenti azioni orizzontali f_x.
Il carico da vento è stato applicato trasversalmente sia spirante da esterno curva che da interno curva.





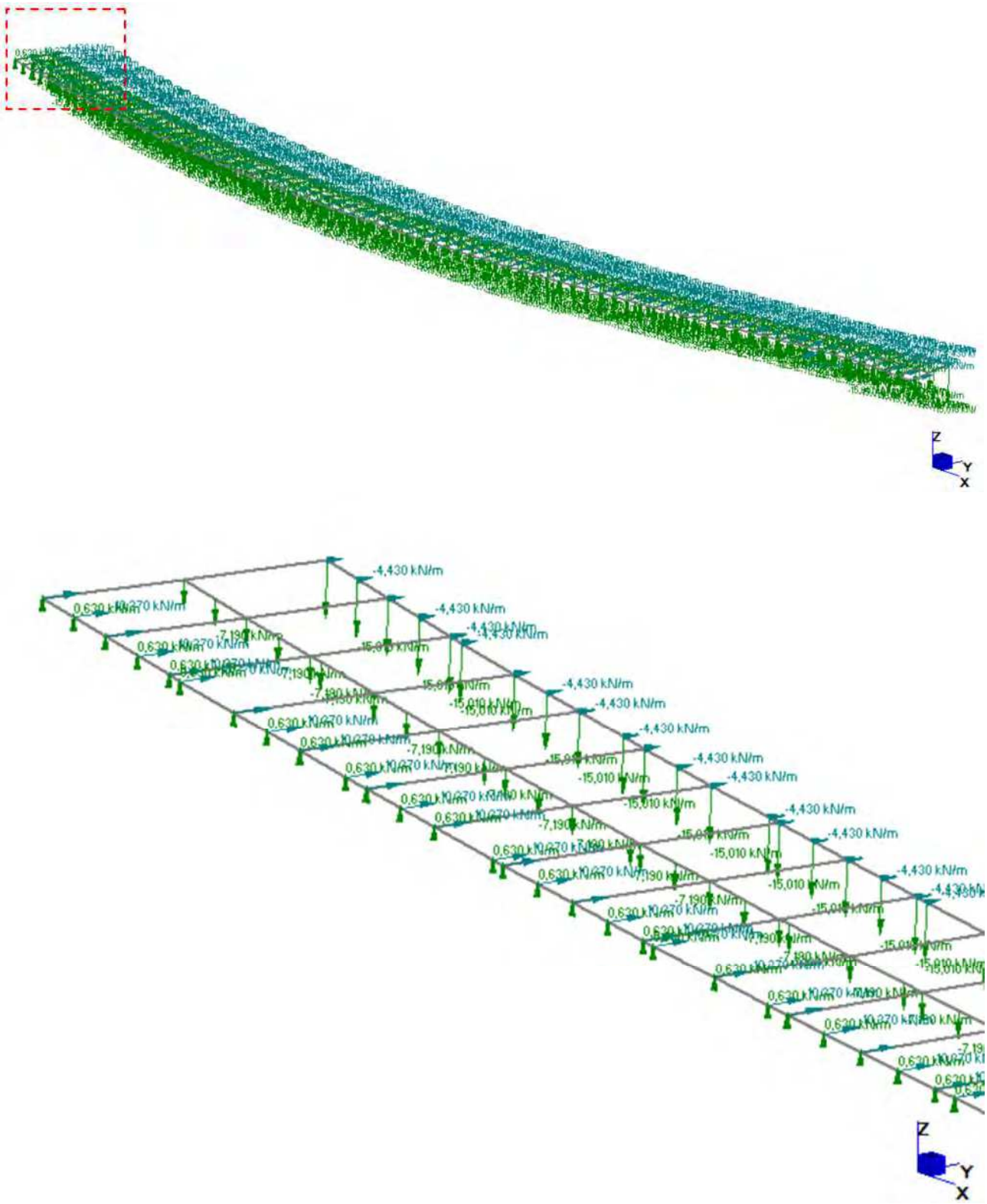


Figura 21 – Modello FEM Fase 3 – Vento Y+ e vento Y-

8.3.3 Azioni termiche

Per quanto riguarda la temperatura variabile sulla sezione si precisa che detta variazione, in generale, può aver andamento lineare tra l'intradosso e l'estradosso della struttura mista (variazione termica lineare ossia gradiente termico lineare) oppure presentare una discontinuità tra soletta e sottostante struttura metallica (variazione termica differenziale trave-soletta).
Nel caso in oggetto viene considerata una variazione termica differenziale trave-soletta di valore pari a 10 °C, secondo quanto prescritto nella EN 1991-1-5 per impalcati a struttura composta (Approccio 2).

Gli effetti primari dovuti alla variazione termica sono valutati direttamente dal software di calcolo delle sezioni miste "PONTI EC4", in aderenza alle prescrizioni contenute in EN 1992-2; questo fornisce inoltre, per gli effetti iperstatici, dei valori equivalenti di gradiente termico da considerare nella modellazione delle travi d'impalcato.

In particolare è stato attribuito alle travi principali del modello di Fase 3 un gradiente termico pari a ±4,8 °C/m.

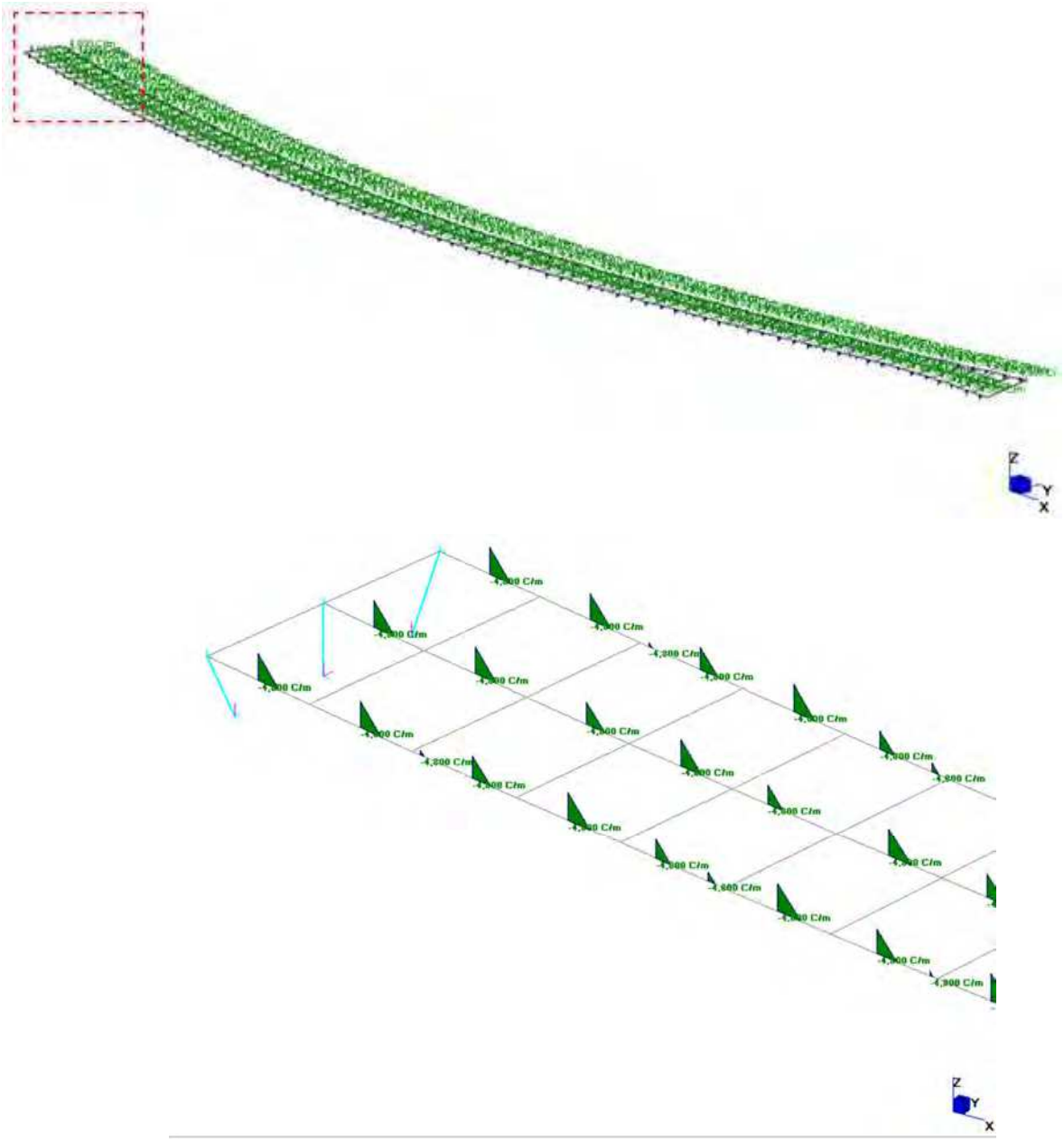


Figura 22 – Modello FEM Fase 3 – Azioni termiche DT_M_cool

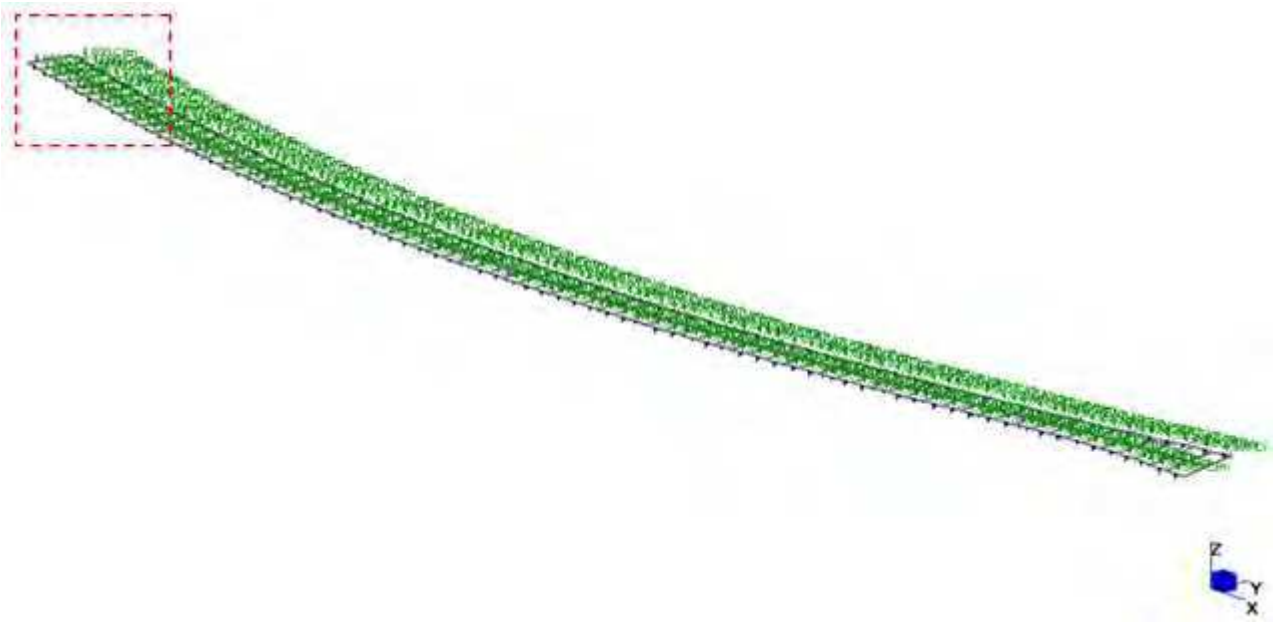
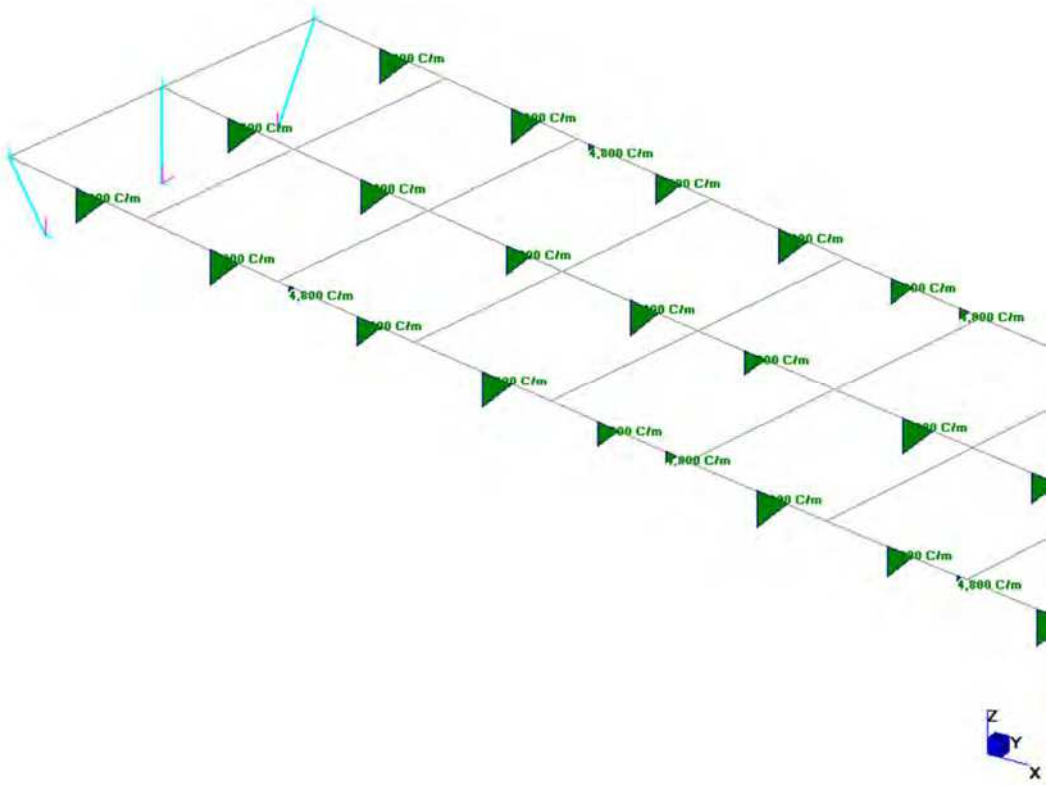


Figura 23 – Modello FEM Fase 3 – Azioni termiche DT_M_heat



8.4 Azioni di frenamento

Secondo quanto riportato in §5.1.3.5 delle NTC, la forza di frenamento o di accelerazione è funzione del carico verticale totale agente sulla corsia convenzionale n°1:
$q_3 = 0.6*(2*Q_{1k}) + 0.10*q_{1k}*w_1*L$
$180\ kN \leq q_3 \leq 900\ kN$

dove:
w_1 = larghezza della corsia convenzionale
L = lunghezza della zona caricata

A favore di sicurezza si è considerato una forza pari a 900 kN ripartita ugualmente sui 3 appoggi di pila centrale, che vincolano l'impalcato in direzione longitudinale.

8.5 Azione accidentale mezzi per verifiche a fatica

Per le verifiche a fatica il par. 5.1.4.3 del DM 17/01/2018 prevede un modello costituito dallo Schema di Carico 1 da traffico, assumendo il 70% dei carichi concentrati ed il 30% di quelli distribuiti, applicati in asse alle corsie convenzionali, come descritto nella figura seguente.

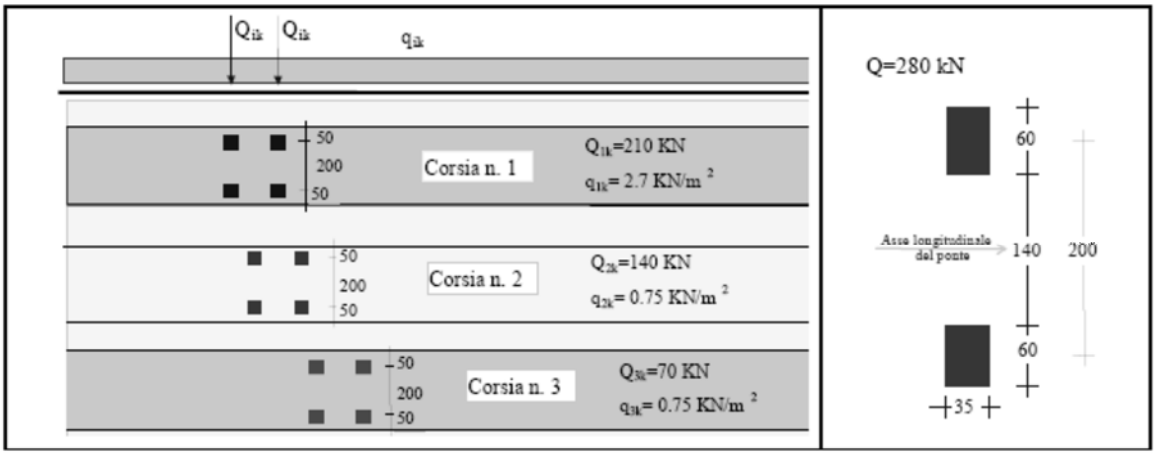


Figura 5.1.4 – *Modello di carico di fatica n. 1*

Il numero delle colonne di carichi mobili e la loro disposizione sono quelli massimi compatibili con la larghezza della carreggiata considerata.

Posizione	Carico Asse Q_{ik} [KN]	q_{ik} [KN/mq]
Corsia numero 1	210	2,7
Corsia numero 2	140	0,75
Corsia numero 3	70	0,75
Altre corsie		0,75

9 COMBINAZIONI DI CARICO ANALISI STATICA

Si riportano di seguito le combinazioni di carico considerate nei 3 modelli.

FASE 1	1A_FR	1A_RA	1A_SLU
1: p.p.	1	1	1,35
2: Soletta	1	1	1,35

FASE 2	2A_FR	2B_FR	2A_RA	2B_RA	2A_SLU	2B_SLU
1: Perm. non strutturali	1		1		1,5	
2: Ritiro		1		1		1,2

FASE 3	3A_FR1	3A_FR2	3B_FR1	3B_FR2	3B_FR3	3B_FR4	3B_FR5
1: Traffico distribuito 1			0,4	0,4	0,4	0,4	0,4
2: Traffico tandem 1a - spalla 1			0,75				
3: Traffico tandem 1b - campata 1				0,75			
4: Traffico tandem 1c - sx pila 1					0,75		
5: Traffico tandem 1c' - dx pila 1						0,75	
6: Traffico tandem 1d - campata 2							0,75
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat		0,5					
54: DT_M_Cool	0,5						

FASE 3	3B_FR6	3B_FR7	3B_FR8	3B_FR9	3B_FR10	3B_FR11	3B_FR12
1: Traffico distribuito 1	0,4	0,4	0,4	0,4	0,4	0,4	0,4
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2	0,75						
8: Traffico tandem 1e' - dx pila 2		0,75					
9: Traffico tandem 1f - campata 3			0,75				
10: Traffico tandem 1g - sx pila 3				0,75			
11: Traffico tandem 1g' - dx pila 3					0,75		
12: Traffico tandem 1h - campata 4						0,75	
13: Traffico tandem 1i - sx pila 4							0,75
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR13	3B_FR14	3B_FR15	3B_FR16	3B_FR17	3B_FR18	3B_FR19
1: Traffico distribuito 1	0,4	0,4	0,4	0,4	0,4	0,4	0,4
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4	0,75						
15: Traffico tandem 1l - campata 5		0,75					
16: Traffico tandem 1m - sx pila 5			0,75				
17: Traffico tandem 1m' - dx pila 5				0,75			
18: nTraffico tandem 1n - campata 6					0,75		
19: Traffico tandem 1o - sx pila 6						0,75	
20: Traffico tandem 1o' - dx pila 6							0,75
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR20	3B_FR21	3B_FR22	3B_FR23	3B_FR24	3B_FR25	3B_FR26
1: Traffico distribuito 1	0,4	0,4	0,4	0,4	0,4		
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7	0,75						
22: Traffico tandem 1q - sx pila 7		0,75					
23: Traffico tandem 1q' - dx pila 7			0,75				
24: Traffico tandem 1r - campata 8				0,75			
25: Traffico tandem 1s - pila 8					0,75		
26: Traffico distribuito 2						0,4	0,4
27: Traffico tandem 2a - spalla 1						0,75	
28: Traffico tandem 2b - campata 1							0,75
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR27	3B_FR28	3B_FR29	3B_FR30	3B_FR31	3B_FR32	3B_FR33
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	0,4	0,4	0,4	0,4	0,4	0,4	0,4
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1	0,75						
30: Traffico tandem 2c' - dx pila 1		0,75					
31: Traffico tandem 2d - campata 2			0,75				
32: Traffico tandem 2e - sx pila 2				0,75			
33: Traffico tandem 2e' - dx pila 2					0,75		
34: Traffico tandem 2f - campata 3						0,75	
35: Traffico tandem 2g - sx pila 3							0,75
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR34	3B_FR35	3B_FR36	3B_FR37	3B_FR38	3B_FR39	3B_FR40
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	0,4	0,4	0,4	0,4	0,4	0,4	0,4
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3	0,75						
37: Traffico tandem 2h - campata 4		0,75					
38: Traffico tandem 2i - sx pila 4			0,75				
39: Traffico tandem 2i' - dx pila 4				0,75			
40: Traffico tandem 2l - campata 5					0,75		
41: Traffico tandem 2m - sx pila 5						0,75	
42: Traffico tandem 2m' - dx pila 5							0,75
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR41	3B_FR42	3B_FR43	3B_FR44	3B_FR45	3B_FR46	3B_FR47
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	0,4	0,4	0,4	0,4	0,4	0,4	0,4
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6	0,75						
44: Traffico tandem 2o - sx pila 6		0,75					
45: Traffico tandem 2o' - dx pila 6			0,75				
46: Traffico tandem 2p - campata 7				0,75			
47: Traffico tandem 2q - sx pila 7					0,75		
48: Traffico tandem 2q' - dx pila 7						0,75	
49: Traffico tandem 2r - campata 8							0,75
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_FR48	3A_RA1	3A_RA2	3B_RA1	3B_RA2	3B_RA3	3B_RA4
1: Traffico distribuito 1				1	1	1	1
2: Traffico tandem 1a - spalla 1				1			
3: Traffico tandem 1b - campata 1					1		
4: Traffico tandem 1c - sx pila 1						1	
5: Traffico tandem 1c' - dx pila 1							1
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	0,4						
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8	0,75						
51: Vento ponte carico -Y							
52: Vento ponte carico +Y				0,6	0,6	0,6	0,6
53: DT_M_Heat			0,6				
54: DT_M_Cool		0,6					

RTP di progettazione: ***Mandataria:*** ***Mandanti:***

FASE 3	3B_RA5	3B_RA6	3B_RA7	3B_RA8	3B_RA9	3B_RA10	3B_RA11
1: Traffico distribuito 1	1	1	1	1	1	1	1
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2	1						
7: Traffico tandem 1e - sx pila 2		1					
8: Traffico tandem 1e' - dx pila 2			1				
9: Traffico tandem 1f - campata 3				1			
10: Traffico tandem 1g - sx pila 3					1		
11: Traffico tandem 1g' - dx pila 3						1	
12: Traffico tandem 1h - campata 4							1
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA12	3B_RA13	3B_RA14	3B_RA15	3B_RA16	3B_RA17	3B_RA18
1: Traffico distribuito 1	1	1	1	1	1	1	1
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4	1						
14: Traffico tandem 1i' - dx pila 4		1					
15: Traffico tandem 1l - campata 5			1				
16: Traffico tandem 1m - sx pila 5				1			
17: Traffico tandem 1m' - dx pila 5					1		
18: nTraffico tandem 1n - campata 6						1	
19: Traffico tandem 1o - sx pila 6							1
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA19	3B_RA20	3B_RA21	3B_RA22	3B_RA23	3B_RA24	3B_RA25
1: Traffico distribuito 1	1	1	1	1	1	1	
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6	1						
21: Traffico tandem 1p - campata 7		1					
22: Traffico tandem 1q - sx pila 7			1				
23: Traffico tandem 1q' - dx pila 7				1			
24: Traffico tandem 1r - campata 8					1		
25: Traffico tandem 1s - pila 8						1	
26: Traffico distribuito 2							1
27: Traffico tandem 2a - spalla 1							1
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA26	3B_RA27	3B_RA28	3B_RA29	3B_RA30	3B_RA31	3B_RA32
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1	1	1	1	1	1	1
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1	1						
29: Traffico tandem 2c - sx pila 1		1					
30: Traffico tandem 2c' - dx pila 1			1				
31: Traffico tandem 2d - campata 2				1			
32: Traffico tandem 2e - sx pila 2					1		
33: Traffico tandem 2e' - dx pila 2						1	
34: Traffico tandem 2f - campata 3							1
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA33	3B_RA34	3B_RA35	3B_RA36	3B_RA37	3B_RA38	3B_RA39
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1	1	1	1	1	1	1
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3	1						
36: Traffico tandem 2g' - dx pila 3		1					
37: Traffico tandem 2h - campata 4			1				
38: Traffico tandem 2i - sx pila 4				1			
39: Traffico tandem 2i' - dx pila 4					1		
40: Traffico tandem 2l - campata 5						1	
41: Traffico tandem 2m - sx pila 5							1
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA40	3B_RA41	3B_RA42	3B_RA43	3B_RA44	3B_RA45	3B_RA46
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1	1	1	1	1	1	1
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5	1						
43: nTraffico tandem 2n - campata 6		1					
44: Traffico tandem 2o - sx pila 6			1				
45: Traffico tandem 2o' - dx pila 6				1			
46: Traffico tandem 2p - campata 7					1		
47: Traffico tandem 2q - sx pila 7						1	
48: Traffico tandem 2q' - dx pila 7							1
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA47	3B_RA48	3B_RA49	3B_RA50	3B_RA51	3B_RA52	3B_RA53
1: Traffico distribuito 1			1	1	1	1	1
2: Traffico tandem 1a - spalla 1			1				
3: Traffico tandem 1b - campata 1				1			
4: Traffico tandem 1c - sx pila 1					1		
5: Traffico tandem 1c' - dx pila 1						1	
6: Traffico tandem 1d - campata 2							1
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1	1					
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8	1						
50: Traffico tandem 2s - pila 8		1					
51: Vento ponte carico -Y			0,6	0,6	0,6	0,6	0,6
52: Vento ponte carico +Y	0,6	0,6					
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA54	3B_RA55	3B_RA56	3B_RA57	3B_RA58	3B_RA59	3B_RA60
1: Traffico distribuito 1	1	1	1	1	1	1	1
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2	1						
8: Traffico tandem 1e' - dx pila 2		1					
9: Traffico tandem 1f - campata 3			1				
10: Traffico tandem 1g - sx pila 3				1			
11: Traffico tandem 1g' - dx pila 3					1		
12: Traffico tandem 1h - campata 4						1	
13: Traffico tandem 1i - sx pila 4							1
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y	0,6	0,6	0,6	0,6	0,6	0,6	0,6
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA61	3B_RA62	3B_RA63	3B_RA64	3B_RA65	3B_RA66	3B_RA67
1: Traffico distribuito 1	1	1	1	1	1	1	
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4	1						
15: Traffico tandem 1l - campata 5		1					
16: Traffico tandem 1m - sx pila 5			1				
17: Traffico tandem 1m' - dx pila 5				1			
18: nTraffico tandem 1n - campata 6					1		
19: Traffico tandem 1o - sx pila 6						1	
20: Traffico tandem 1o' - dx pila 6							1
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y	0,6	0,6	0,6	0,6	0,6	0,6	
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_RA68	3B_RA69	3B_RA70	3B_RA71	3B_RA72	3A_SLU1	3A_SLU2
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7	1						
22: Traffico tandem 1q - sx pila 7		1					
23: Traffico tandem 1q' - dx pila 7			1				
24: Traffico tandem 1r - campata 8				1			
25: Traffico tandem 1s - pila 8					1		
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y							
53: DT_M_Heat							0,9
54: DT_M_Cool						0,9	

FASE 3	3B_SLU1	3B_SLU2	3B_SLU3	3B_SLU4	3B_SLU5	3B_SLU6	3B_SLU7
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1	1,35						
3: Traffico tandem 1b - campata 1		1,35					
4: Traffico tandem 1c - sx pila 1			1,35				
5: Traffico tandem 1c' - dx pila 1				1,35			
6: Traffico tandem 1d - campata 2					1,35		
7: Traffico tandem 1e - sx pila 2						1,35	
8: Traffico tandem 1e' - dx pila 2							1,35
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU8	3B_SLU9	3B_SLU10	3B_SLU11	3B_SLU12	3B_SLU13	3B_SLU14
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3	1,35						
10: Traffico tandem 1g - sx pila 3		1,35					
11: Traffico tandem 1g' - dx pila 3			1,35				
12: Traffico tandem 1h - campata 4				1,35			
13: Traffico tandem 1i - sx pila 4					1,35		
14: Traffico tandem 1i' - dx pila 4						1,35	
15: Traffico tandem 1l - campata 5							1,35
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU15	3B_SLU16	3B_SLU17	3B_SLU18	3B_SLU19	3B_SLU20	3B_SLU21
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5	1,35						
17: Traffico tandem 1m' - dx pila 5		1,35					
18: nTraffico tandem 1n - campata 6			1,35				
19: Traffico tandem 1o - sx pila 6				1,35			
20: Traffico tandem 1o' - dx pila 6					1,35		
21: Traffico tandem 1p - campata 7						1,35	
22: Traffico tandem 1q - sx pila 7							1,35
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU22	3B_SLU23	3B_SLU24	3B_SLU25	3B_SLU26	3B_SLU27	3B_SLU28
1: Traffico distribuito 1	1,35	1,35	1,35				
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7	1,35						
24: Traffico tandem 1r - campata 8		1,35					
25: Traffico tandem 1s - pila 8			1,35				
26: Traffico distribuito 2				1,35	1,35	1,35	1,35
27: Traffico tandem 2a - spalla 1				1,35			
28: Traffico tandem 2b - campata 1					1,35		
29: Traffico tandem 2c - sx pila 1						1,35	
30: Traffico tandem 2c' - dx pila 1							1,35
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU29	3B_SLU30	3B_SLU31	3B_SLU32	3B_SLU33	3B_SLU34	3B_SLU35
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1,35	1,35	1,35	1,35	1,35	1,35	1,35
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2	1,35						
32: Traffico tandem 2e - sx pila 2		1,35					
33: Traffico tandem 2e' - dx pila 2			1,35				
34: Traffico tandem 2f - campata 3				1,35			
35: Traffico tandem 2g - sx pila 3					1,35		
36: Traffico tandem 2g' - dx pila 3						1,35	
37: Traffico tandem 2h - campata 4							1,35
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU36	3B_SLU37	3B_SLU38	3B_SLU39	3B_SLU40	3B_SLU41	3B_SLU42
1: Traffico distribuito 1							
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1,35	1,35	1,35	1,35	1,35	1,35	1,35
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4	1,35						
39: Traffico tandem 2i' - dx pila 4		1,35					
40: Traffico tandem 2l - campata 5			1,35				
41: Traffico tandem 2m - sx pila 5				1,35			
42: Traffico tandem 2m' - dx pila 5					1,35		
43: nTraffico tandem 2n - campata 6						1,35	
44: Traffico tandem 2o - sx pila 6							1,35
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y							
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU43	3B_SLU44	3B_SLU45	3B_SLU46	3B_SLU47	3B_SLU48	3B_SLU49
1: Traffico distribuito 1							1,35
2: Traffico tandem 1a - spalla 1							1,35
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2	1,35	1,35	1,35	1,35	1,35	1,35	
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6	1,35						
46: Traffico tandem 2p - campata 7		1,35					
47: Traffico tandem 2q - sx pila 7			1,35				
48: Traffico tandem 2q' - dx pila 7				1,35			
49: Traffico tandem 2r - campata 8					1,35		
50: Traffico tandem 2s - pila 8						1,35	
51: Vento ponte carico -Y							0,9
52: Vento ponte carico +Y	0,9	0,9	0,9	0,9	0,9	0,9	
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU50	3B_SLU51	3B_SLU52	3B_SLU53	3B_SLU54	3B_SLU55	3B_SLU56
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1	1,35						
4: Traffico tandem 1c - sx pila 1		1,35					
5: Traffico tandem 1c' - dx pila 1			1,35				
6: Traffico tandem 1d - campata 2				1,35			
7: Traffico tandem 1e - sx pila 2					1,35		
8: Traffico tandem 1e' - dx pila 2						1,35	
9: Traffico tandem 1f - campata 3							1,35
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU57	3B_SLU58	3B_SLU59	3B_SLU60	3B_SLU61	3B_SLU62	3B_SLU63
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3	1,35						
11: Traffico tandem 1g' - dx pila 3		1,35					
12: Traffico tandem 1h - campata 4			1,35				
13: Traffico tandem 1i - sx pila 4				1,35			
14: Traffico tandem 1i' - dx pila 4					1,35		
15: Traffico tandem 1l - campata 5						1,35	
16: Traffico tandem 1m - sx pila 5							1,35
17: Traffico tandem 1m' - dx pila 5							
18: nTraffico tandem 1n - campata 6							
19: Traffico tandem 1o - sx pila 6							
20: Traffico tandem 1o' - dx pila 6							
21: Traffico tandem 1p - campata 7							
22: Traffico tandem 1q - sx pila 7							
23: Traffico tandem 1q' - dx pila 7							
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU64	3B_SLU65	3B_SLU66	3B_SLU67	3B_SLU68	3B_SLU69	3B_SLU70
1: Traffico distribuito 1	1,35	1,35	1,35	1,35	1,35	1,35	1,35
2: Traffico tandem 1a - spalla 1							
3: Traffico tandem 1b - campata 1							
4: Traffico tandem 1c - sx pila 1							
5: Traffico tandem 1c' - dx pila 1							
6: Traffico tandem 1d - campata 2							
7: Traffico tandem 1e - sx pila 2							
8: Traffico tandem 1e' - dx pila 2							
9: Traffico tandem 1f - campata 3							
10: Traffico tandem 1g - sx pila 3							
11: Traffico tandem 1g' - dx pila 3							
12: Traffico tandem 1h - campata 4							
13: Traffico tandem 1i - sx pila 4							
14: Traffico tandem 1i' - dx pila 4							
15: Traffico tandem 1l - campata 5							
16: Traffico tandem 1m - sx pila 5							
17: Traffico tandem 1m' - dx pila 5	1,35						
18: nTraffico tandem 1n - campata 6		1,35					
19: Traffico tandem 1o - sx pila 6			1,35				
20: Traffico tandem 1o' - dx pila 6				1,35			
21: Traffico tandem 1p - campata 7					1,35		
22: Traffico tandem 1q - sx pila 7						1,35	
23: Traffico tandem 1q' - dx pila 7							1,35
24: Traffico tandem 1r - campata 8							
25: Traffico tandem 1s - pila 8							
26: Traffico distribuito 2							
27: Traffico tandem 2a - spalla 1							
28: Traffico tandem 2b - campata 1							
29: Traffico tandem 2c - sx pila 1							
30: Traffico tandem 2c' - dx pila 1							
31: Traffico tandem 2d - campata 2							
32: Traffico tandem 2e - sx pila 2							
33: Traffico tandem 2e' - dx pila 2							
34: Traffico tandem 2f - campata 3							
35: Traffico tandem 2g - sx pila 3							
36: Traffico tandem 2g' - dx pila 3							
37: Traffico tandem 2h - campata 4							
38: Traffico tandem 2i - sx pila 4							
39: Traffico tandem 2i' - dx pila 4							
40: Traffico tandem 2l - campata 5							
41: Traffico tandem 2m - sx pila 5							
42: Traffico tandem 2m' - dx pila 5							
43: nTraffico tandem 2n - campata 6							
44: Traffico tandem 2o - sx pila 6							
45: Traffico tandem 2o' - dx pila 6							
46: Traffico tandem 2p - campata 7							
47: Traffico tandem 2q - sx pila 7							
48: Traffico tandem 2q' - dx pila 7							
49: Traffico tandem 2r - campata 8							
50: Traffico tandem 2s - pila 8							
51: Vento ponte carico -Y	0,9	0,9	0,9	0,9	0,9	0,9	0,9
52: Vento ponte carico +Y							
53: DT_M_Heat							
54: DT_M_Cool							

FASE 3	3B_SLU71	3B_SLU72
1: Traffico distribuito 1	1,35	1,35
2: Traffico tandem 1a - spalla 1		
3: Traffico tandem 1b - campata 1		
4: Traffico tandem 1c - sx pila 1		
5: Traffico tandem 1c' - dx pila 1		
6: Traffico tandem 1d - campata 2		
7: Traffico tandem 1e - sx pila 2		
8: Traffico tandem 1e' - dx pila 2		
9: Traffico tandem 1f - campata 3		
10: Traffico tandem 1g - sx pila 3		
11: Traffico tandem 1g' - dx pila 3		
12: Traffico tandem 1h - campata 4		
13: Traffico tandem 1i - sx pila 4		
14: Traffico tandem 1i' - dx pila 4		
15: Traffico tandem 1l - campata 5		
16: Traffico tandem 1m - sx pila 5		
17: Traffico tandem 1m' - dx pila 5		
18: nTraffico tandem 1n - campata 6		
19: Traffico tandem 1o - sx pila 6		
20: Traffico tandem 1o' - dx pila 6		
21: Traffico tandem 1p - campata 7		
22: Traffico tandem 1q - sx pila 7		
23: Traffico tandem 1q' - dx pila 7		
24: Traffico tandem 1r - campata 8	1,35	
25: Traffico tandem 1s - pila 8		1,35
26: Traffico distribuito 2		
27: Traffico tandem 2a - spalla 1		
28: Traffico tandem 2b - campata 1		
29: Traffico tandem 2c - sx pila 1		
30: Traffico tandem 2c' - dx pila 1		
31: Traffico tandem 2d - campata 2		
32: Traffico tandem 2e - sx pila 2		
33: Traffico tandem 2e' - dx pila 2		
34: Traffico tandem 2f - campata 3		
35: Traffico tandem 2g - sx pila 3		
36: Traffico tandem 2g' - dx pila 3		
37: Traffico tandem 2h - campata 4		
38: Traffico tandem 2i - sx pila 4		
39: Traffico tandem 2i' - dx pila 4		
40: Traffico tandem 2l - campata 5		
41: Traffico tandem 2m - sx pila 5		
42: Traffico tandem 2m' - dx pila 5		
43: nTraffico tandem 2n - campata 6		
44: Traffico tandem 2o - sx pila 6		
45: Traffico tandem 2o' - dx pila 6		
46: Traffico tandem 2p - campata 7		
47: Traffico tandem 2q - sx pila 7		
48: Traffico tandem 2q' - dx pila 7		
49: Traffico tandem 2r - campata 8		
50: Traffico tandem 2s - pila 8		
51: Vento ponte carico -Y	0,9	0,9
52: Vento ponte carico +Y		
53: DT_M_Heat		
54: DT_M_Cool		

10 SOLLECITAZIONI ANALISI STATICA

Si riportano di seguito gli inviluppi SLU di sollecitazione nelle travi, riferiti alla differenti fasi dell'analisi statica.

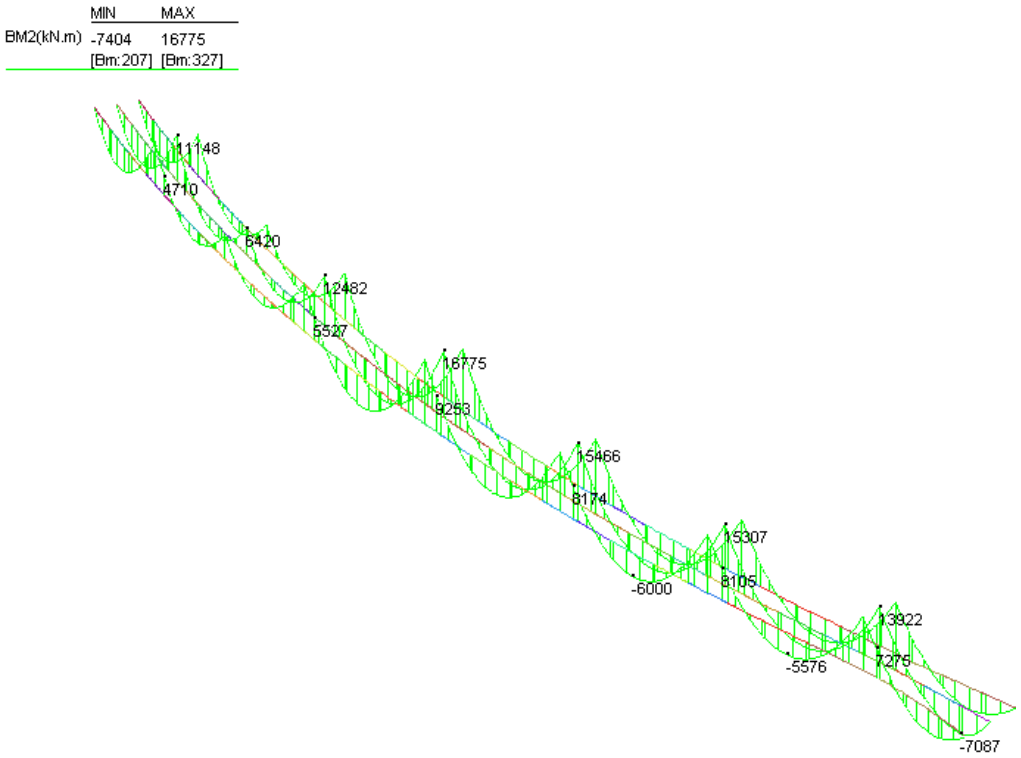


Figura 24 – Modello FEM Fase 1 – Momento flettente [kNm] – 1A_SLU

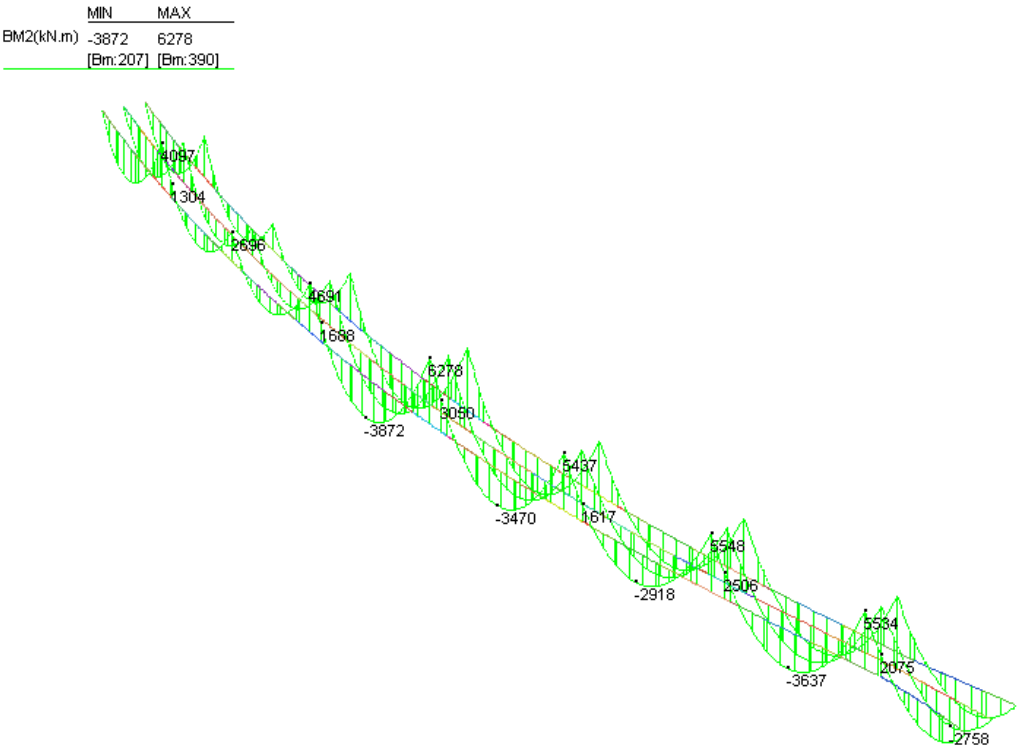


Figura 25 – Modello FEM Fase 2 – Momento flettente [kNm] – 2A_SLU

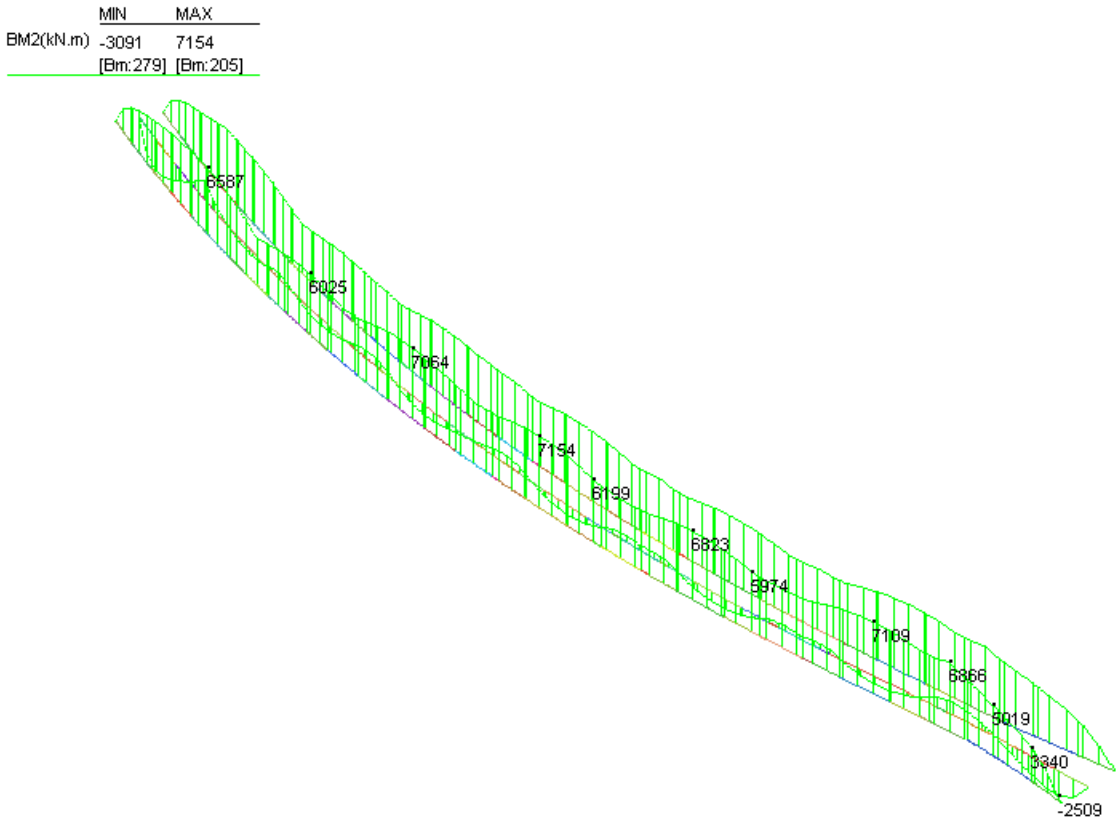


Figura 26 – Modello FEM Fase 2 – Momento flettente [kNm] – 2B_SLU

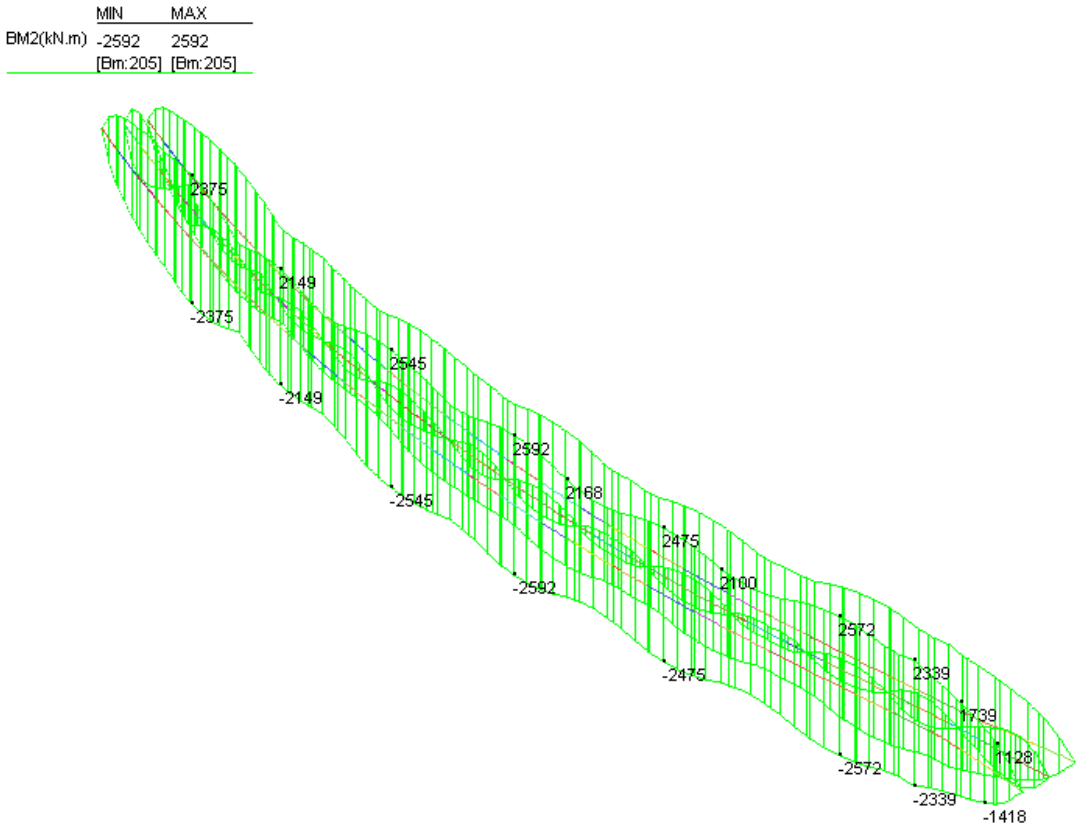


Figura 27 – Modello FEM Fase 3 – Momento flettente [kNm] – Env. 3A_SLU

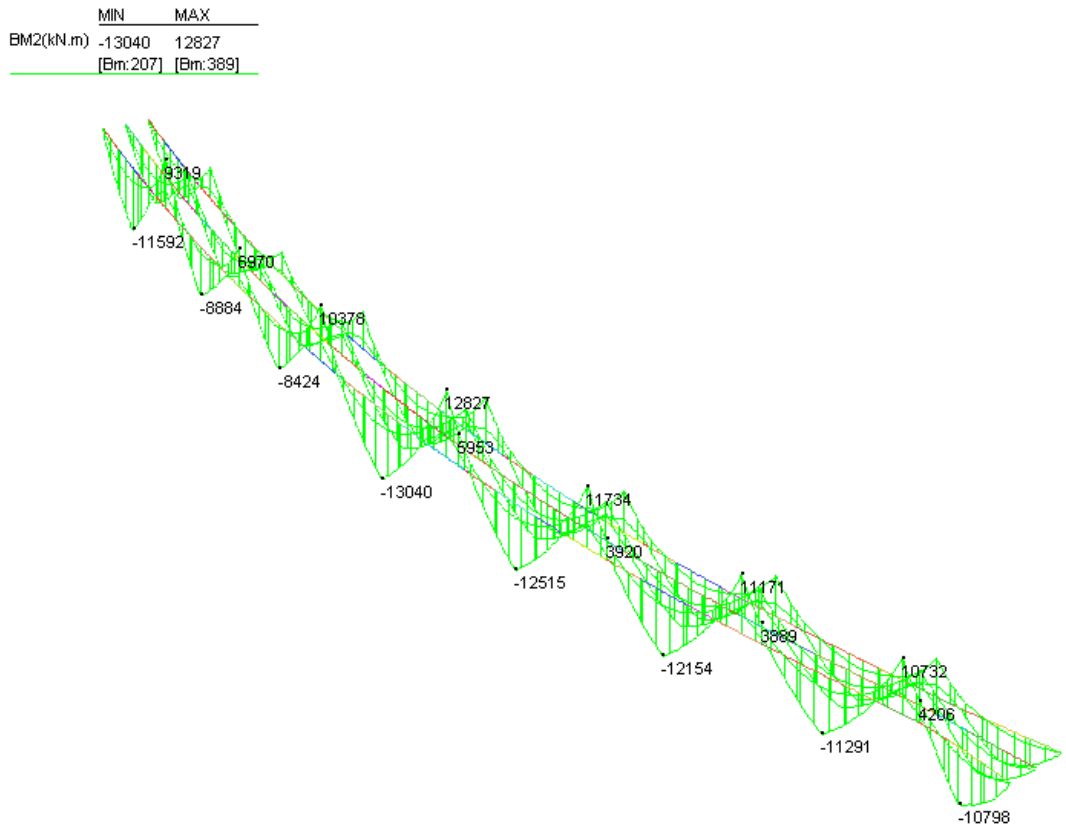


Figura 28 – Modello FEM Fase 3 – Momento flettente [kNm] – Env. 3B_SLU

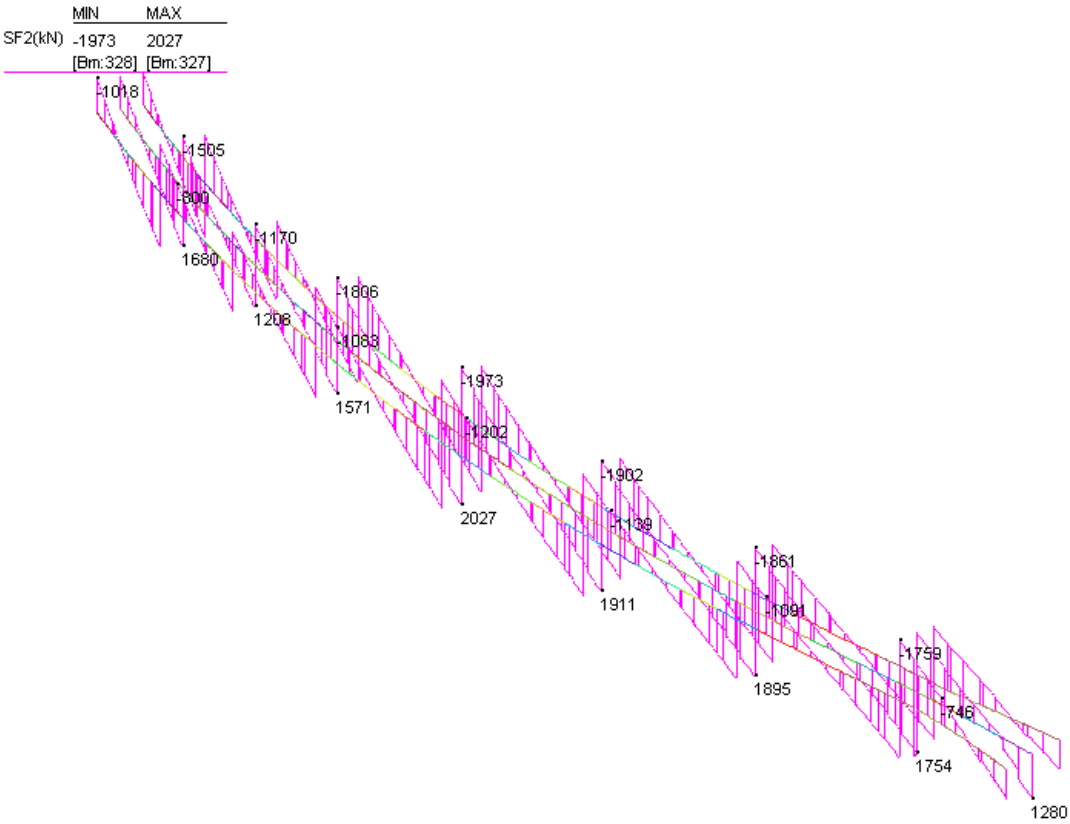


Figura 29 – Modello FEM Fase 1 – Taglio [kN] – 1A_SLU

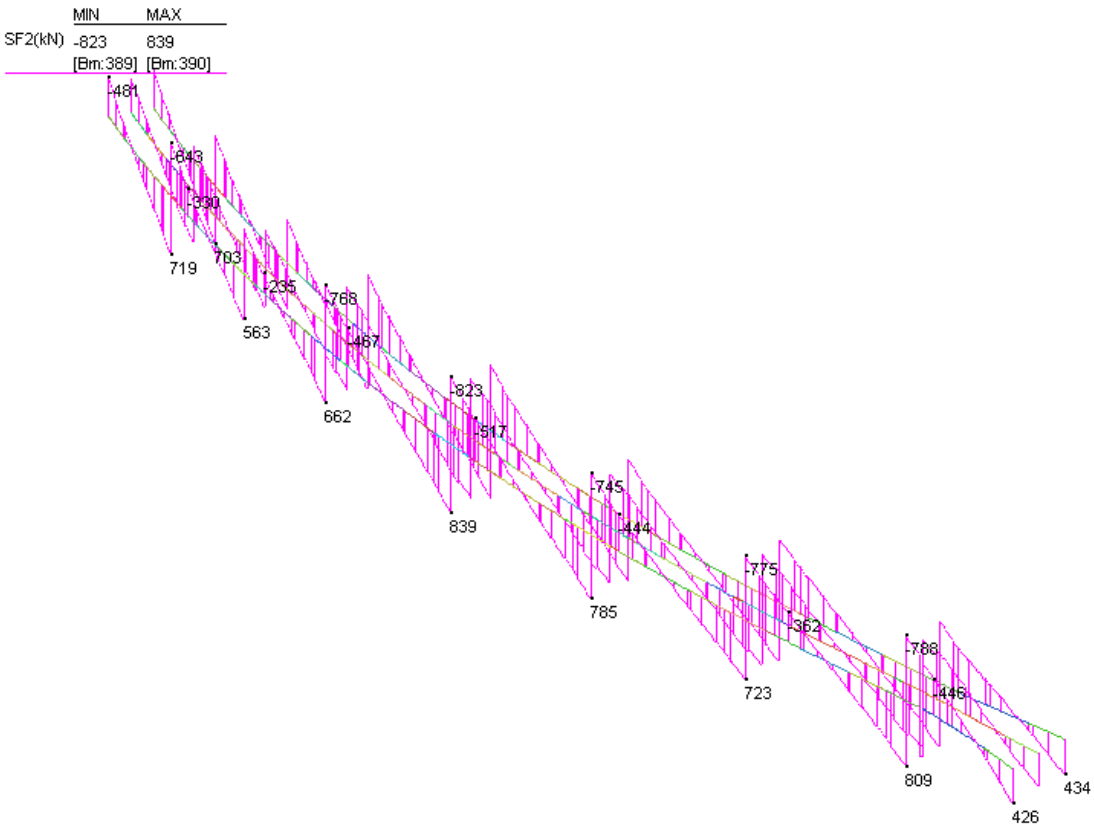


Figura 30 – Modello FEM Fase 2 – Taglio [kN] – 2A_SLU

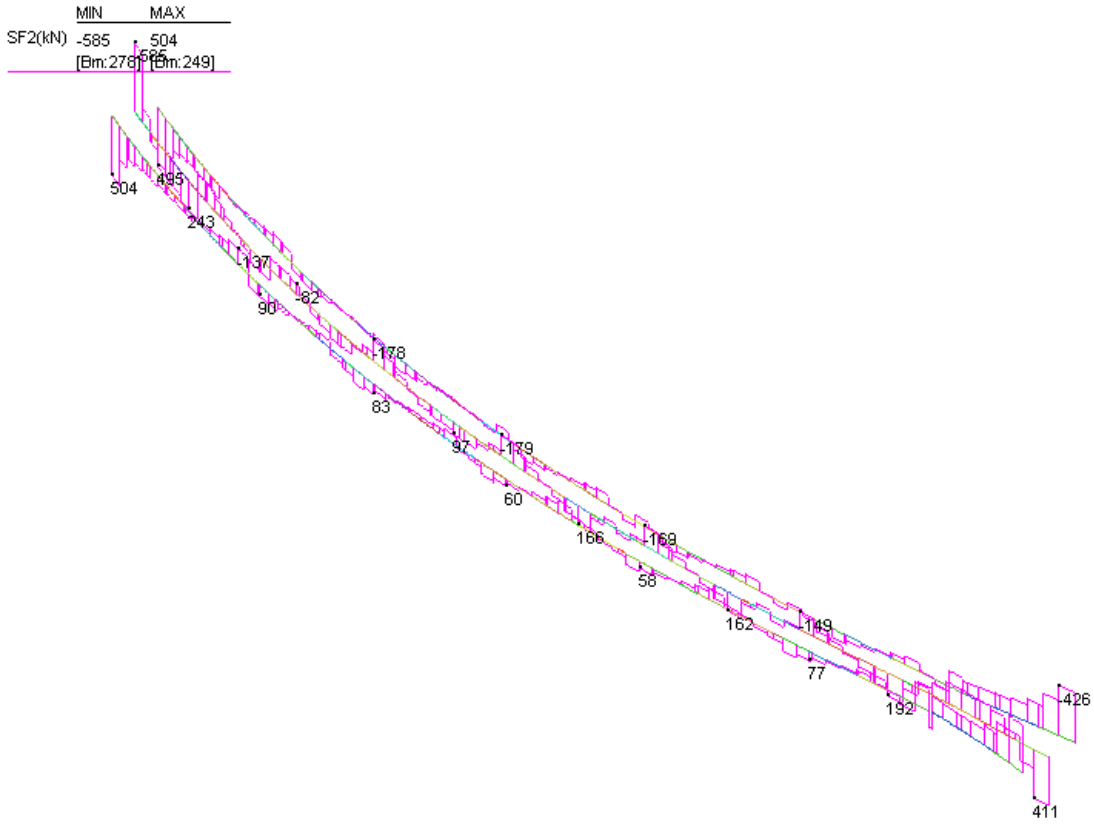


Figura 31 – Modello FEM Fase 2 – Taglio [kN] – 2B_SLU

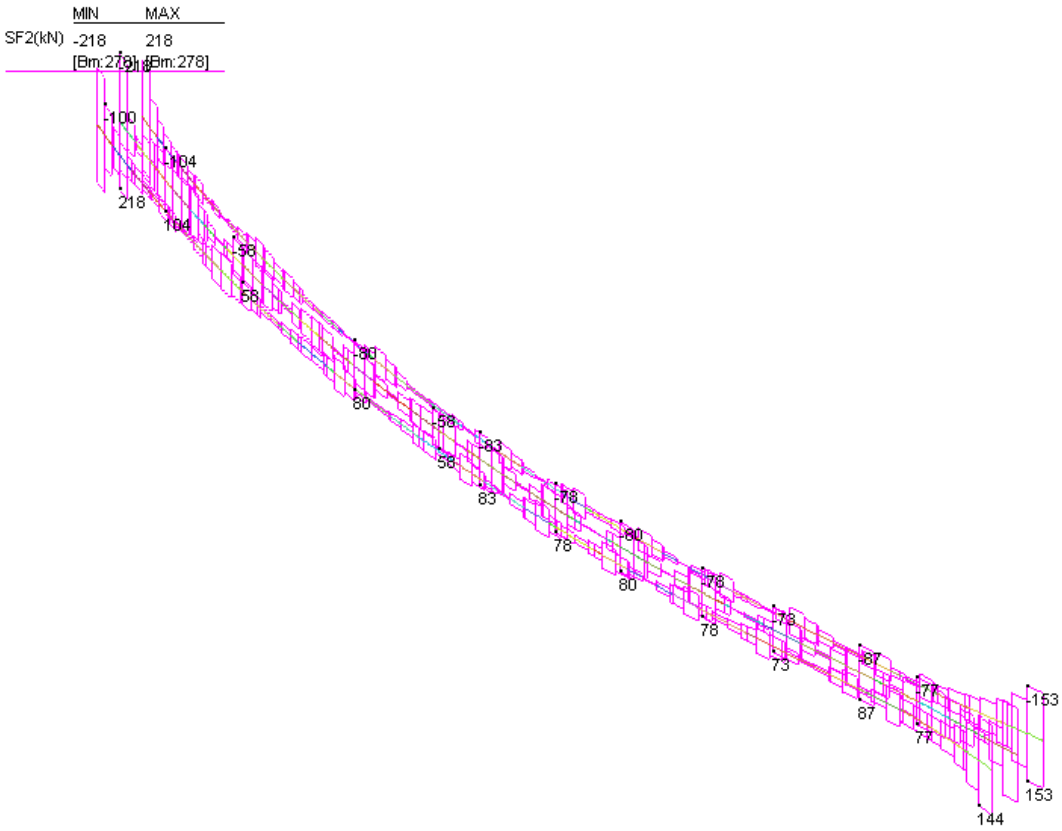


Figura 32 – Modello FEM Fase 3 – Taglio [kN] – Env. 3A_SLU

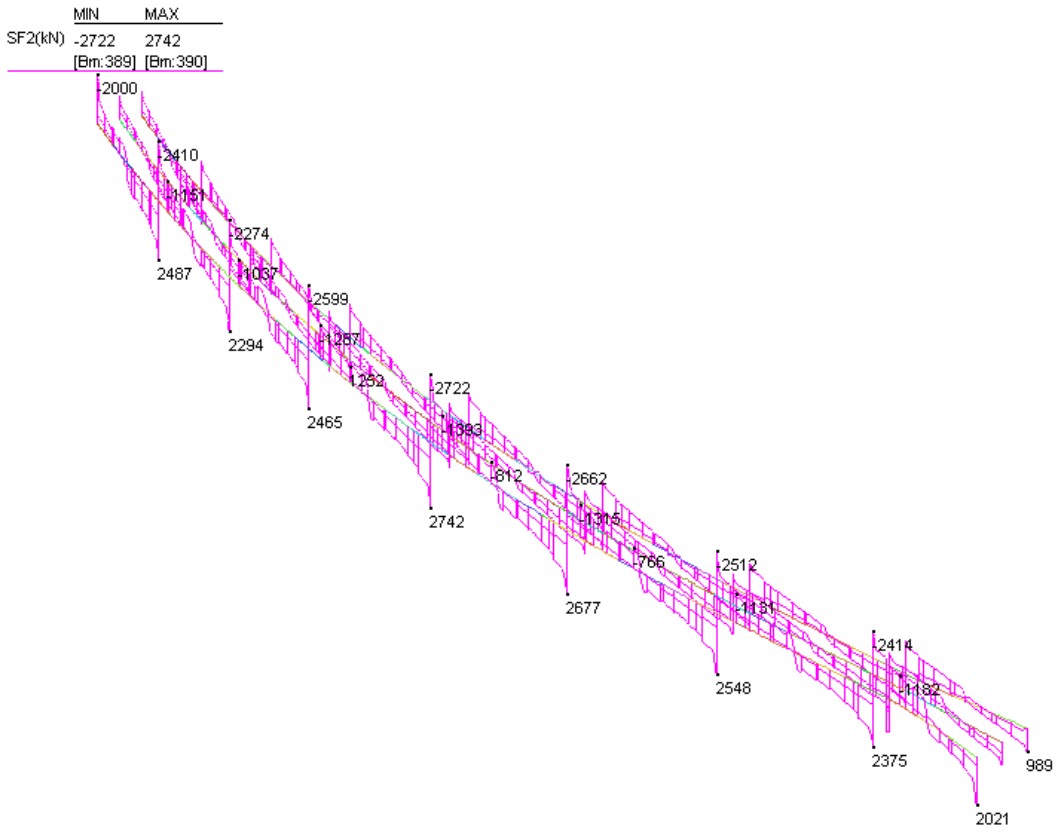


Figura 33 – Modello FEM Fase 3 – Taglio [kN] – Env. 3B_SLU

Si riportano di seguito gli inviluppi SLU di sollecitazione nei diaframmi, riferiti alla differenti fasi dell'analisi statica.

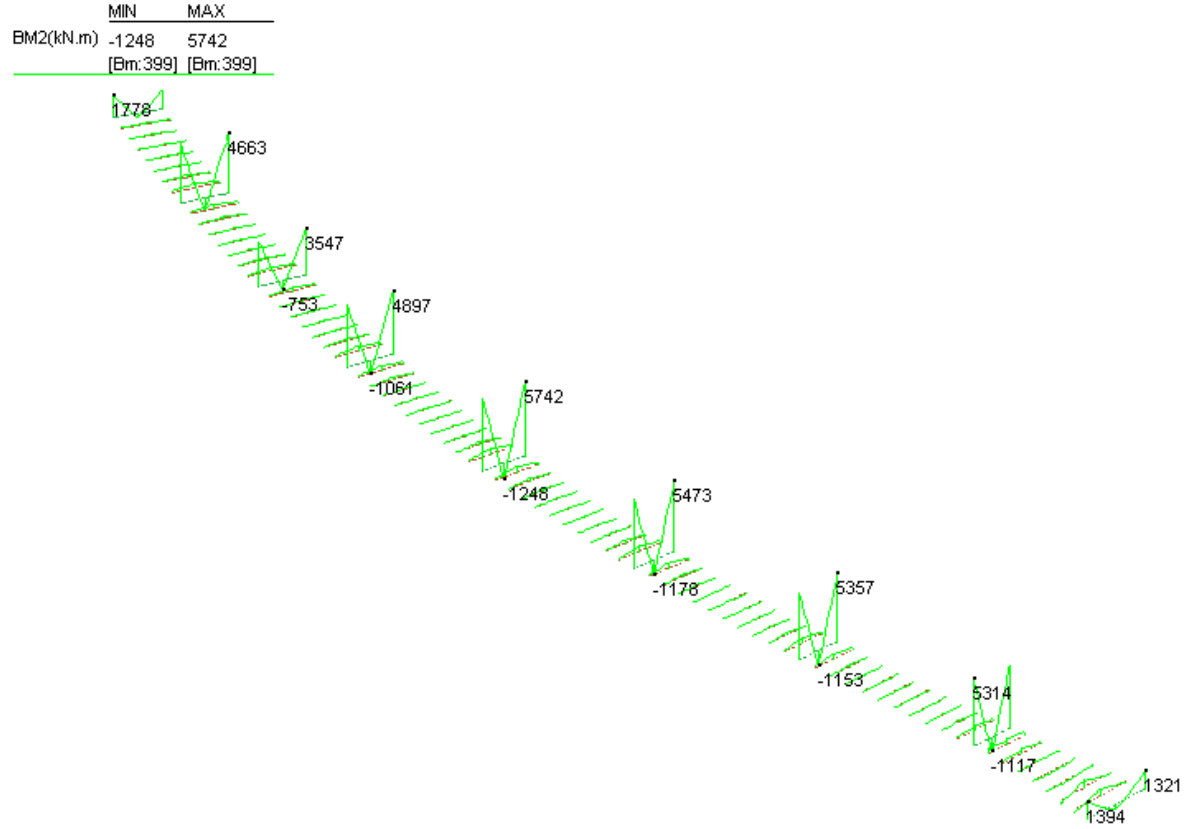


Figura 34 – Modello FEM Fase 1 – Momento flettente [kNm] – 1A_SLU

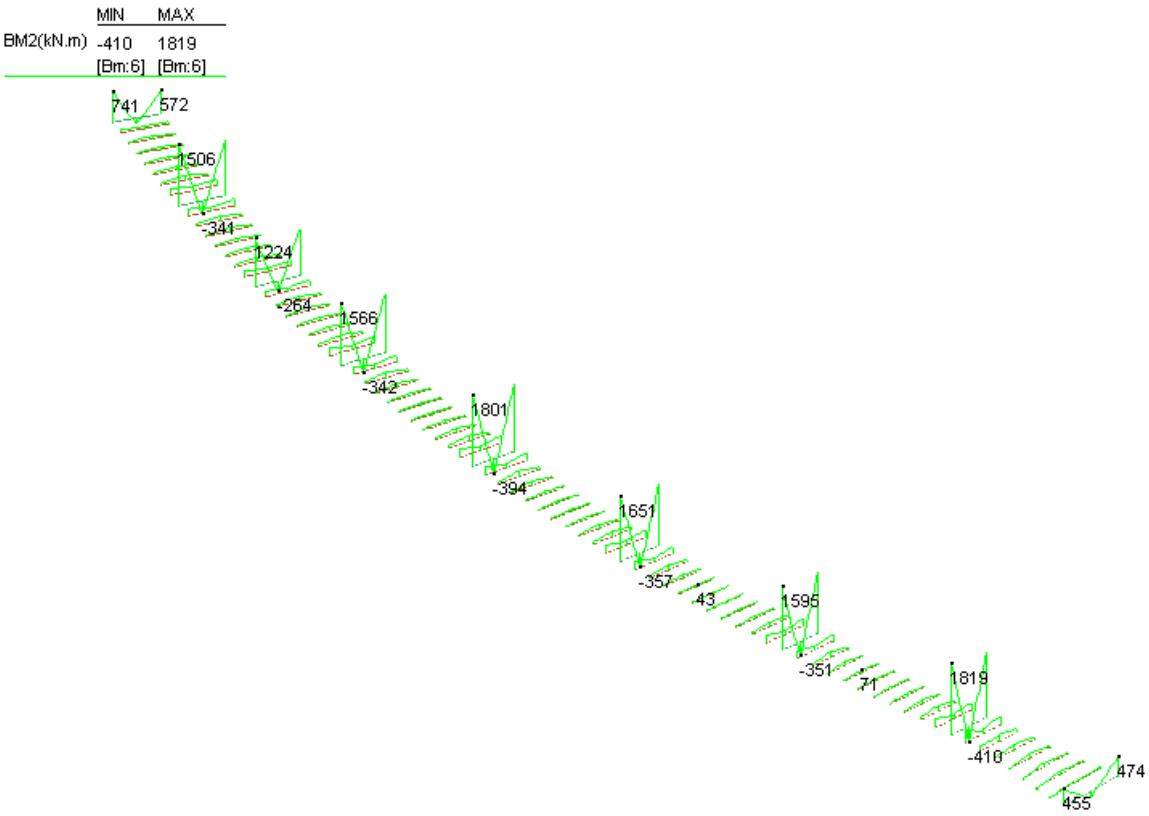


Figura 35 – Modello FEM Fase 2 – Momento flettente [kNm] – 2A_SLU

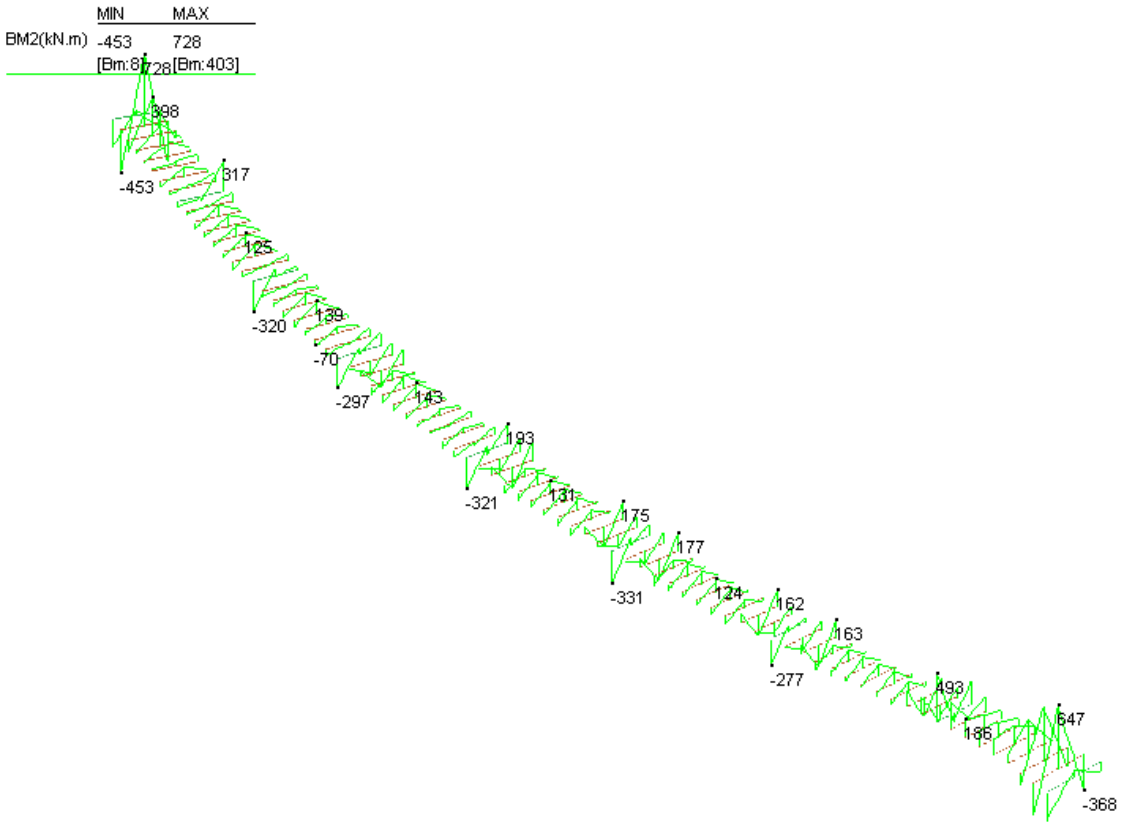


Figura 36 – Modello FEM Fase 2 – Momento flettente [kNm] – 2B_SLU

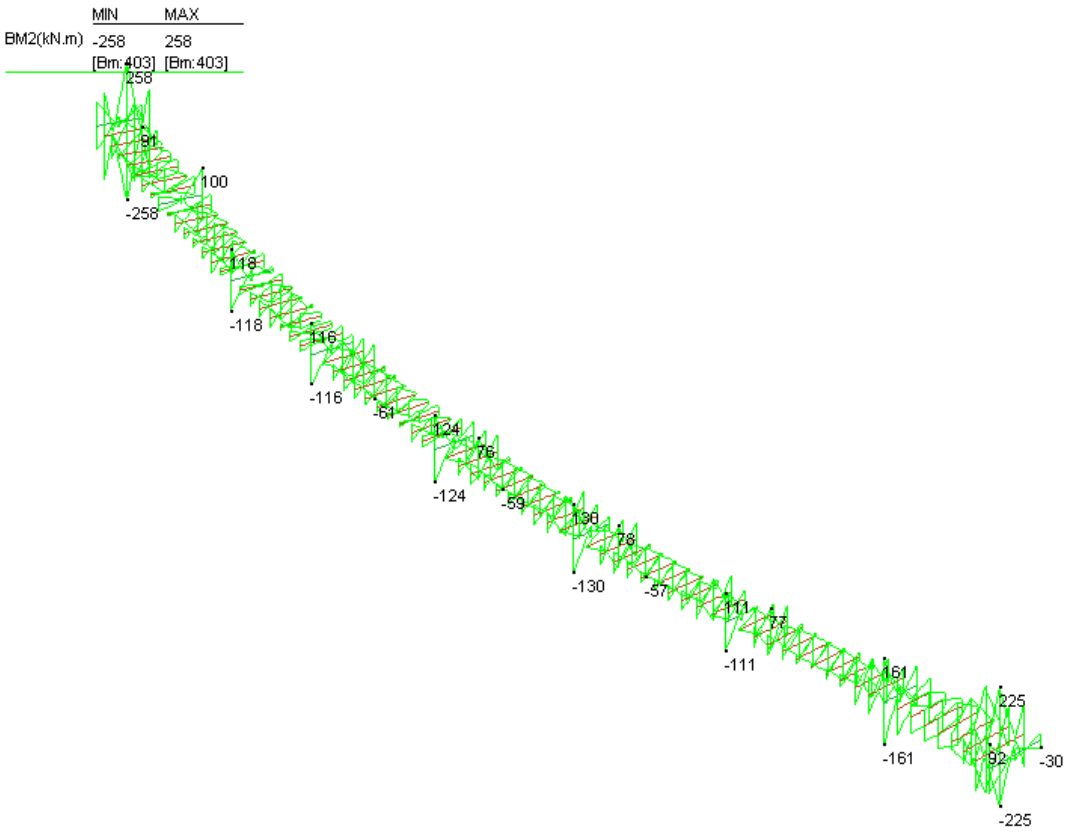


Figura 37 – Modello FEM Fase 3 – Momento flettente [kNm] – Env. 3A_SLU

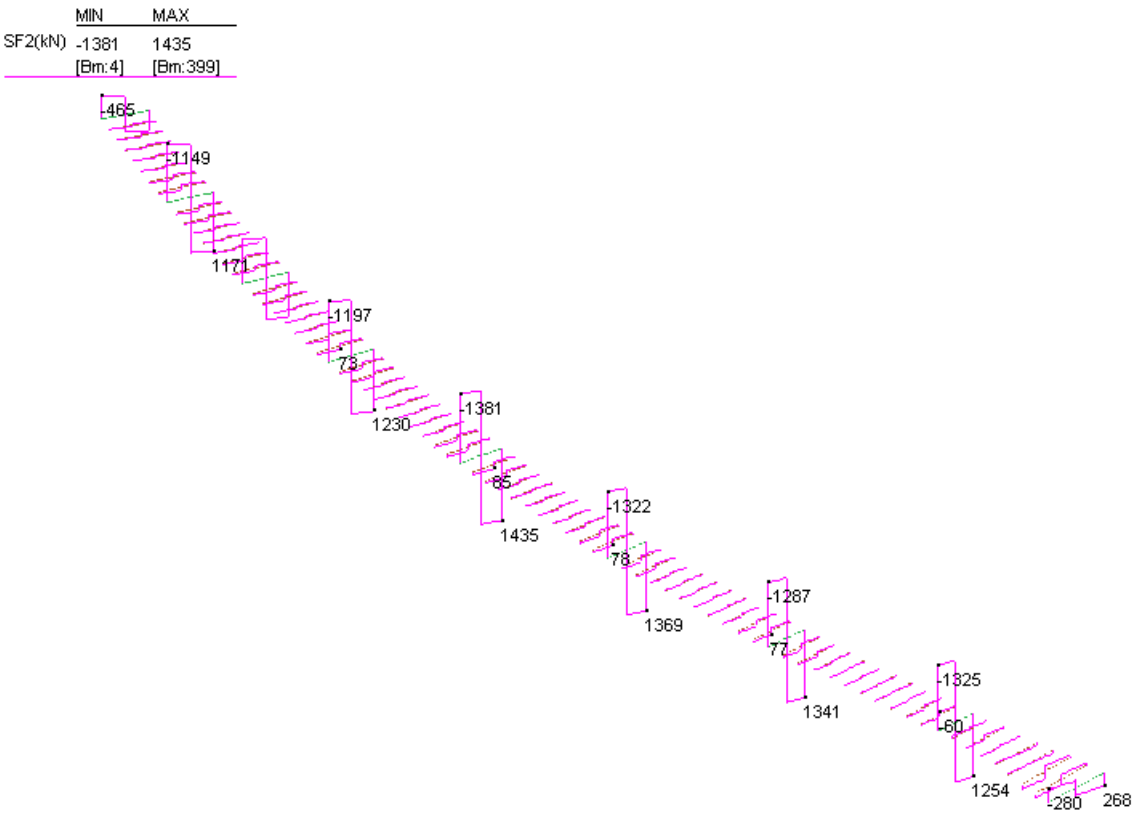


Figura 38 – Modello FEM Fase 1 – Taglio [kN] – 1A_SLU

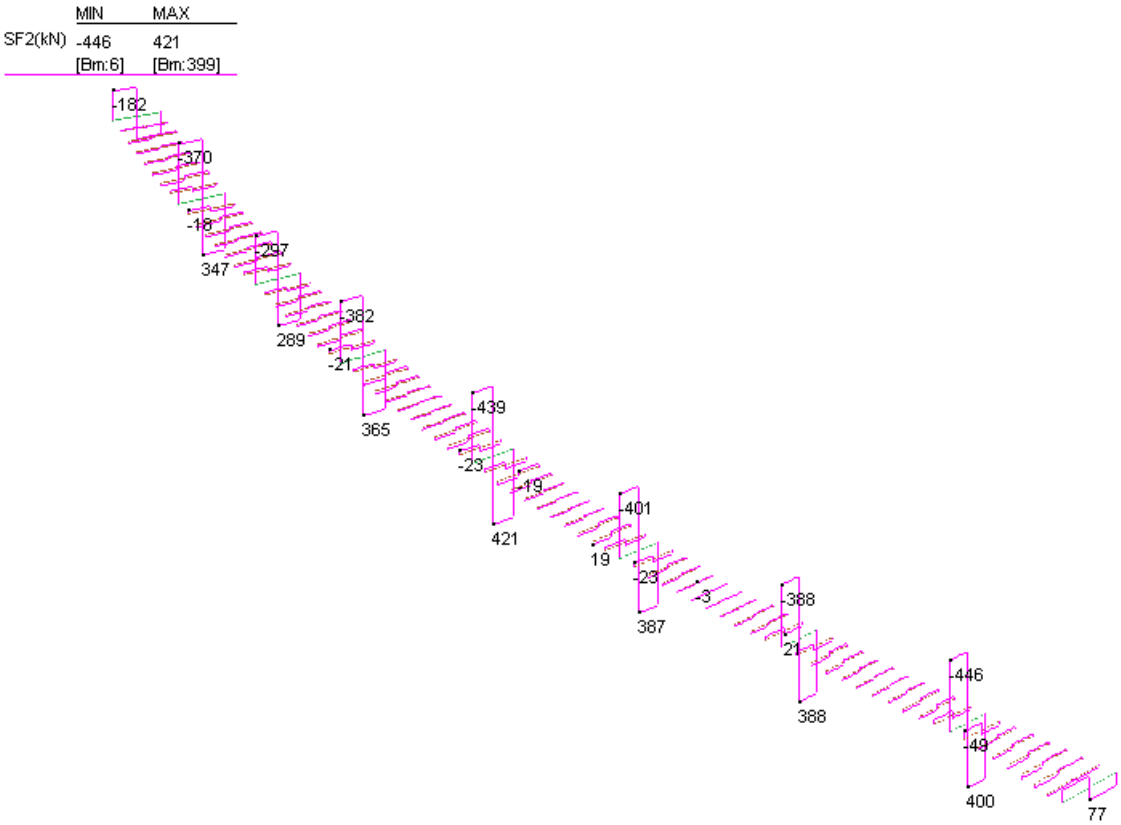


Figura 39 – Modello FEM Fase 2 – Taglio [kN] – 2A_SLU

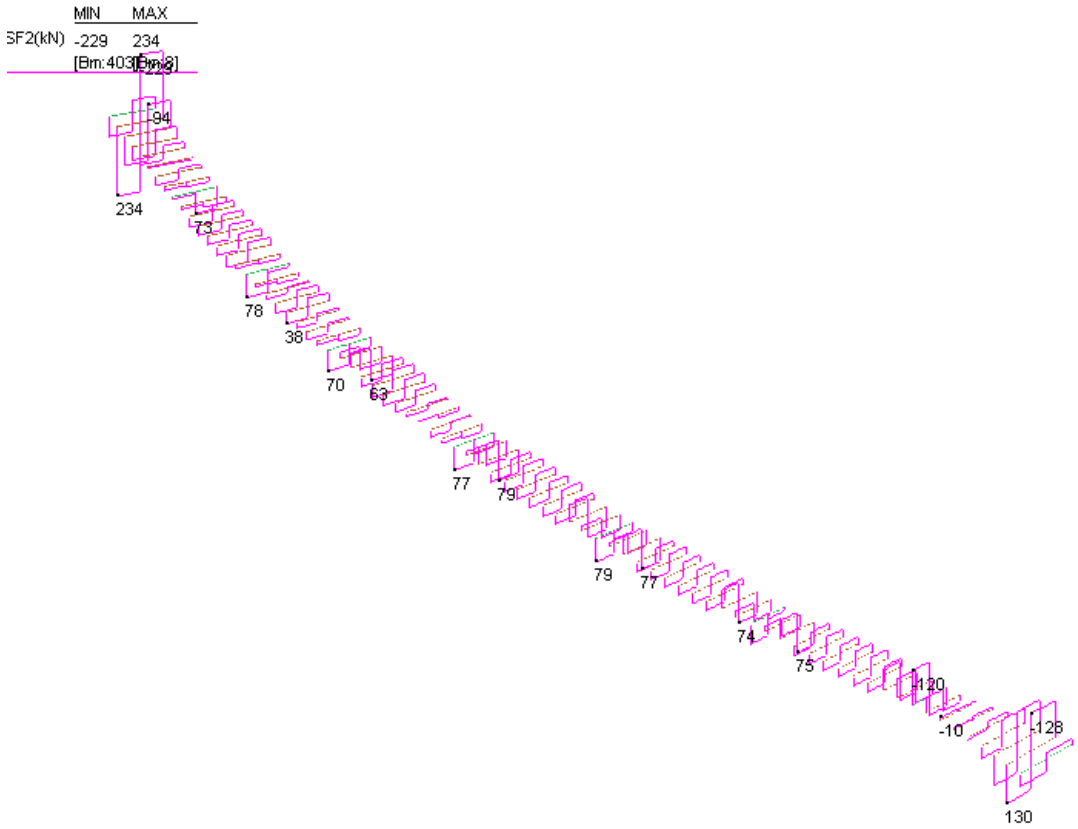


Figura 40 – Modello FEM Fase 2 – Taglio [kN] – 2B_SLU

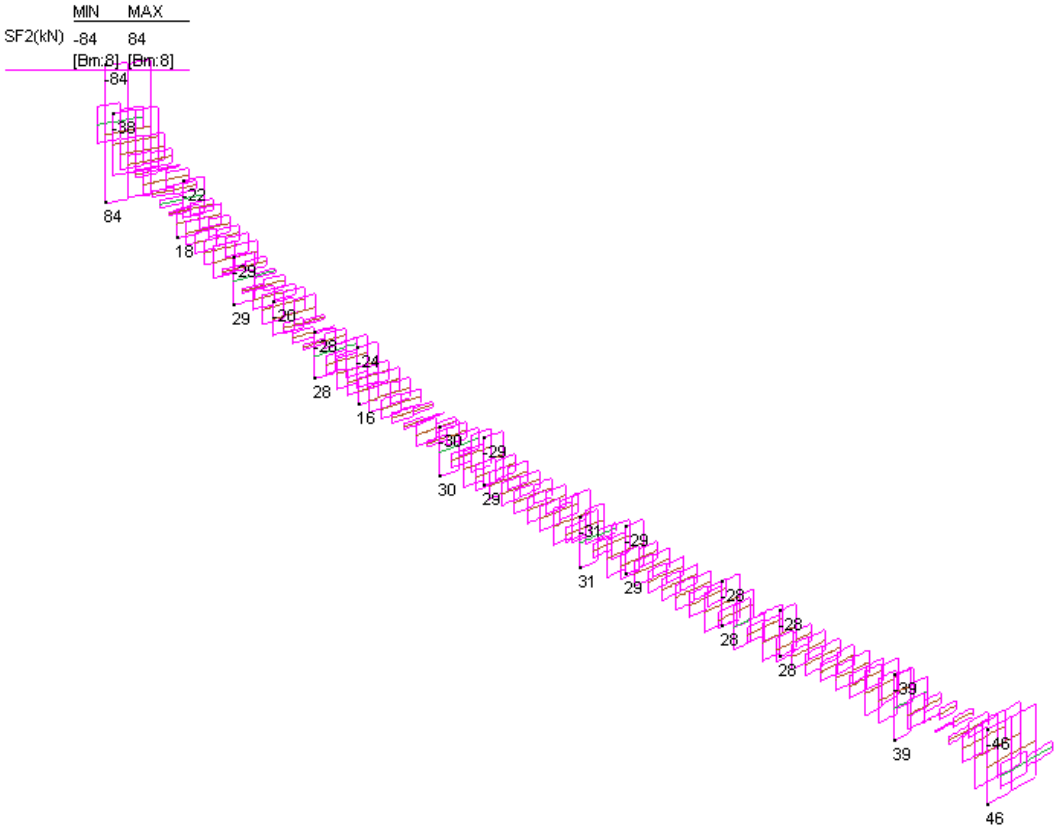


Figura 41 – Modello FEM Fase 3 – Taglio [kN] – Env. 3A_SLU

11 ANALISI DINAMICHE IMPALCATO

La valutazione delle azioni sismiche è stata effettuata attraverso un'analisi dinamica modale, eseguita su di un ulteriore modello fem, in cui sono state modellate le pile mediante elementi beam incastrati in corrispondenza dell'estradosso fondazione.

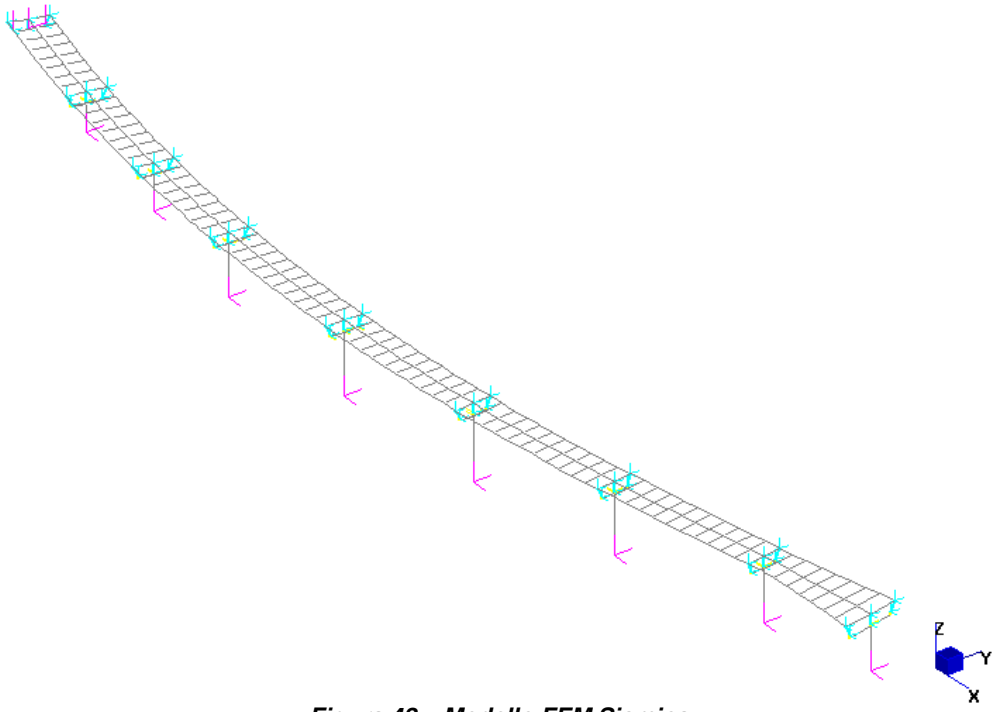


Figura 42 – Modello FEM Sismica

Il collegamento tra pila ed impalcato è stato realizzato mediante link master-slave, volti a vincolare l'impalcato ai sottostanti appoggi lungo le direzioni vincolate da questi ultimi.

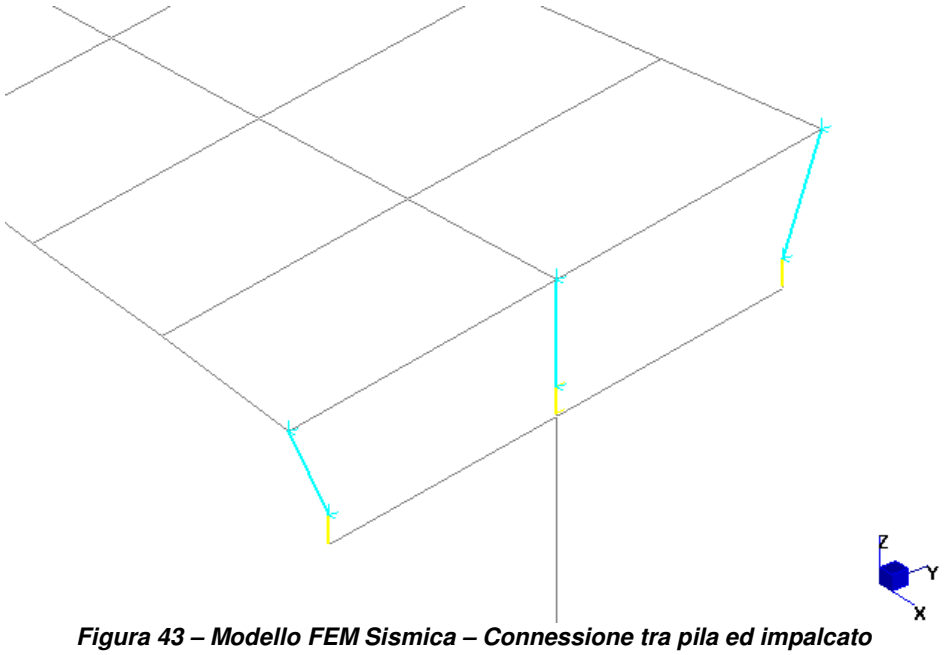


Figura 43 – Modello FEM Sismica – Connessione tra pila ed impalcato

In corrispondenza della trave centrale (esclusi gli appoggi di spalla e pila 8) sono stati predisposti degli appoggi unidirezionali longitudinali con shock transmitter, i quali permettono la traslazione orizzontale longitudinale in fase statica mentre la impediscono in fase sismica. Attraverso questo sistema di vincoli, il sisma in direzione longitudinale viene ripartito su più pile.

11.1 Azione Sismica

Le azioni sismiche di progetto, in base alle quali valutare il rispetto dei diversi stati limite considerati, si definiscono a partire dalla "pericolosità sismica di base" del sito di costruzione, che costituisce l'elemento di conoscenza primario per la determinazione delle azioni sismiche. La pericolosità sismica del sito è definita in termini di:

a_g accelerazione orizzontale massima del terreno
F_0 valore massimo fattore di amplificazione dello spettro in acceleraz. orizzontale
T_C^* periodo di inizio del tratto a velocità costante dello spettro in acceleraz. orizz.

L'accelerazione orizzontale massima attesa a_g è riferita in condizioni di campo libero su sito di riferimento rigido con superficie topografica orizzontale di categoria A, nonché di ordinate dello spettro di risposta elastico in accelerazione ad essa corrispondente $S_e(T)$, con riferimento a prefissate probabilità di eccedenza P_{VR} nel periodo di riferimento V_R per ogni stato limite considerato. I valori dei parametri a_g , F_0 e T_C^* relativi alla pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento sono forniti nelle tabelle riportate nell'ALLEGATO B delle NTC.

11.1.1 Stati limite di progetto sismici

Nel caso in esame l'opera viene realizzata nel Comune di Sesto San Giovanni (MI), di coordinate geografiche:
Latitudine N: 43.321°
Longitudine E: 11.334°

Dato il periodo di riferimento della struttura V_R = 100 anni, si possono individuare i seguenti stati limite:

SLATO LIMITE	T_R [anni]	a_g [g]	F_o [-]	T_C^* [s]
SLO	60	0,063	2,522	0,260
SLD	101	0,078	2,510	0,265
SLV	949	0,173	2,513	0,283
SLC	1950	0,210	2,551	0,290

Figura 44 – Parametri sismici per i vari stati limite di progetto

Con riferimento alle caratteristiche dell'opera, si è analizzato il seguente stato limite di progetto:

- Stato limite ultimo di salvaguardia della vita (SLV): a seguito del terremoto la struttura subisce rotture e crolli dei componenti non strutturali ed impiantistici e significativi danni dei componenti strutturali cui si associa una perdita significativa di rigidezza nei confronti delle azioni orizzontali, mentre conserva invece una parte della esistenza e rigidezza per azioni verticali e un margine di sicurezza nei confronti del collasso per azioni sismiche orizzontali.

  Probabilità di superamento $P_{VR} = 10\%$
  Tempo di ritorno $T_R = -V_R / \ln(1-P_{VR}) = -100 / \ln(1-0.10) = 949$ anni

11.1.2 Spettri di risposta

Per il sito in esame, in base alle caratteristiche geotecniche di riferimento e dalla morfologia del terreno, il sottosuolo può essere classificato come:

Categoria sottosuolo "C"
(§ 3.2.2, 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 $15 < N_{SPT,30} < 50$ nei terreni a grana grossa e 70

	< $c_{u,30}$ < 250 kPa nei terreni a grana fina)
Categoria topografica	"T1"
	(§ 3.2.2, Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i < 15°)

Lo spettro di risposta elastico orizzontale $S_e(T)$ del sisma è definito dalle espressioni seguenti:

$0 \le T < T_B$	$S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \cdot \left(1 - \frac{T}{T_B} \right) \right]$
$T_B \le T < T_C$	$S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$
$T_C \le T < T_D$	$S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T_C}{T} \right]$
$T_D \le T$	$S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T_D \cdot T_C}{T^2} \right]$
T	periodo di vibrazione orizzontale [s]
$S_e(T)$	accelerazione spettrale orizzontale [m/s^2]
$S = S_S * S_T$	coefficiente della categoria di sottosuolo e delle condizioni topografiche
S_S	coefficiente di amplificazione stratigrafica (vedi tabella seguente)
S_T	coefficiente di amplificazione topografica (vedi tabella seguente)
$\eta = \sqrt{10/(5+\xi)} \ge 0{,}55$	fattore che altera lo spettro elastico per smorzamento viscosi diversi dal 5%
ξ	coefficiente di smorzamento viscoso [%]
F_0	fattore che quantifica l'amplificazione spettrale massima
$T_C = C_C * T_C^*$	periodo corrispondente all'inizio del tratto a velocità costante dello spettro
C_c	coefficiente definito nella tabella seguente
$T_B = T_C/3$	periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante
$T_D = 4*a_g/g + 1{,}6$	periodo corrispondente all'inizio del tratto a spostamento costante dello spettro

Categoria sottosuolo	S_S	C_C
A	1.00	1.00
B	$1.0 \le 1.40 - 0.40 \cdot F_0 \cdot a_g/g \le 1.20$	$1.10 \cdot (T_c^*)^{-0.20}$
C	$1.0 \le 1.70 - 0.6 \cdot F_0 \cdot a_g/g \le 1.50$	$1.05 \cdot (T_c^*)^{-0.33}$
D	$0.90 \le 2.40 - 1.50 \cdot F_0 \cdot a_g/g \le 1.80$	$1.25 \cdot (T_c^*)^{-0.50}$
E	$1.0 \le 2.00 - 1.10 \cdot F_0 \cdot a_g/g \le 1.60$	$1.15 \cdot (T_c^*)^{-0.40}$

Figura 45 – Coefficienti di amplificazione stratigrafica orizzontale

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1.0
T2	In corrispondenza della sommità del pendio	1.2
T3	In corrispondenza della cresta del rilievo	1.2
T4	In corrispondenza della cresta del rilievo	1.4

Figura 46 – Coefficienti di amplificazione topografica

Lo spettro di risposta elastico verticale $S_{ve}(T)$ del sisma è definito dalle espressioni seguenti:

$0 \le T < T_B$	$S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_v} \cdot \left(1 - \frac{T}{T_B} \right) \right]$
$T_B \le T < T_C$	$S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v$

$T_C \le T < T_D$ $\quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T_C}{T}\right]$

$T_D \le T$ $\quad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T_D \cdot T_C}{T^2}\right]$

T periodo di vibrazione verticale [s]
$S_{ve}(T)$ accelerazione spettrale verticale [m/s^2]
$F_V = 1{,}35 \cdot F_0 \cdot (a_g/g)^{0.5}$ fattore che quantifica l'accelerazione spettrale massima

I parametri S_S, T_B, T_C e T_D per la definizione dello spettro verticale sono indipendenti dalla categoria di suolo e assumono i valori riportati nella tabella seguente.

Categoria sottosuolo	S_S	T_B	T_C	T_D
A, B, C, D, E	1.0	0.05 s	0.15 s	1.0 s

Figura 47 – Coefficienti di amplificazione stratigrafica verticale

Le capacità dissipative della struttura possono essere considerate nella fase di analisi attraverso una riduzione delle forze elastiche, che tiene conto in modo semplificato della capacità dissipativa anelastica della struttura, della sua sovraresistenza, dell'incremento del suo periodo proprio a seguito delle plasticizzazioni.
In tal caso, lo spettro di progetto $S_d(T)$ da utilizzare è lo spettro elastico ridotto sostituendo nelle formule corrispondenti η con 1/q, dove q è il fattore di struttura. Si assume comunque $S_d(T) \ge 0{,}2a_g$.
Il valore del fattore di struttura q da utilizzare per ciascuna direzione della azione sismica, dipende dalla tipologia strutturale, dal suo grado di iperstaticità e dai criteri di progettazione adottati e prende in conto le non linearità di materiale. Esso può essere calcolato tramite la seguente espressione:
$q = q_0 * K_R$

q_0 valore massimo del fattore di struttura che dipende dal livello di duttilità attesa, dalla tipologia strutturale e dal rapporto α_u/α_1 tra il valore dell'azione sismica per il quale si verifica la formazione di un numero di cerniere plastiche tali da rendere la struttura labile e quello per il quale il primo elemento strutturale raggiunge la plasticizzazione a flessione
K_R fattore riduttivo che dipende dalle caratteristiche di regolarità in altezza della costruzione

Restando a favore di sicurezza, si trascura la capacità dissipativa delle strutture assumendo q = 1.00 sia per la componente orizzontale che verticale dello spettro di progetto.

Parametri e punti dello spettro di risposta orizzontale per lo stato limite SLV

Parametri indipendenti

STATO LIMITE	SLV
a_g	0,173 g
F_o	2,513
T_C^*	0,283 s
S_S	1,440
C_C	1,593
S_T	1,000
q	1,000

Parametri dipendenti

S	1,440
η	1,000
T_B	0,150 s
T_C	0,451 s
T_D	2,291 s

Espressioni dei parametri dipendenti

$S = S_S \cdot S_T$ (NTC-08 Eq. 3.2.5)

$\eta = \sqrt{10/(5+\xi)} \geq 0,55;\ \eta = 1/q$ (NTC-08 Eq. 3.2.6; §. 3.2.3.5)

$T_B = T_C / 3$ (NTC-07 Eq. 3.2.8)

$T_C = C_C \cdot T_C^*$ (NTC-07 Eq. 3.2.7)

$T_D = 4,0 \cdot a_g / g + 1,6$ (NTC-07 Eq. 3.2.9)

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$0 \leq T < T_B$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$

$T_B \leq T < T_C$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$

$T_C \leq T < T_D$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right)$

$T_D \leq T$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2} \right)$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con 1/q, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,249
T_B ←	0,150	0,625
T_C ←	0,451	0,625
	0,538	0,523
	0,626	0,450
	0,714	0,395
	0,801	0,351
	0,889	0,317
	0,976	0,288
	1,064	0,265
	1,152	0,245
	1,239	0,227
	1,327	0,212
	1,415	0,199
	1,502	0,187
	1,590	0,177
	1,677	0,168
	1,765	0,160
	1,853	0,152
	1,940	0,145
	2,028	0,139
	2,116	0,133
	2,203	0,128
T_D ←	2,291	0,123
	2,372	0,115
	2,454	0,107
	2,535	0,100
	2,616	0,094
	2,698	0,089
	2,779	0,084
	2,861	0,079
	2,942	0,075
	3,023	0,071
	3,105	0,067
	3,186	0,064
	3,267	0,060
	3,349	0,058
	3,430	0,055
	3,512	0,052
	3,593	0,050
	3,674	0,048
	3,756	0,046
	3,837	0,044
	3,919	0,042
	4,000	0,040

Figura 48 – Parametri dello spettro di risposta orizzontale allo SLV

Parametri e punti dello spettro di risposta verticale per lo stato limite: SLV

Parametri indipendenti

STATO LIMITE	SLV
a_{gv}	0,097 g
S_S	1,000
S_T	1,000
q	1,000
T_B	0,050 s
T_C	0,150 s
T_D	1,000 s

Parametri dipendenti

F_v	1,410
S	1,000
η	1,000

Espressioni dei parametri dipendenti

$$S = S_S \cdot S_T \qquad \text{(NTC-08 Eq. 3.2.5)}$$

$$\eta = 1/q \qquad \text{(NTC-08 §. 3.2.3.5)}$$

$$F_v = 1{,}35 \cdot F_o \cdot \left(\frac{a_g}{g}\right)^{0,5} \qquad \text{(NTC-08 Eq. 3.2.11)}$$

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.10)

$$0 \le T < T_B \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o}\left(1 - \frac{T}{T_B}\right)\right]$$

$$T_B \le T < T_C \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_v$$

$$T_C \le T < T_D \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C}{T}\right)$$

$$T_D \le T \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C T_D}{T^2}\right)$$

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,097
T_B ◄	0,050	0,243
T_C ◄	0,150	0,243
	0,235	0,155
	0,320	0,114
	0,405	0,090
	0,490	0,075
	0,575	0,064
	0,660	0,055
	0,745	0,049
	0,830	0,044
	0,915	0,040
T_D ◄	1,000	0,037
	1,094	0,031
	1,188	0,026
	1,281	0,022
	1,375	0,019
	1,469	0,017
	1,563	0,015
	1,656	0,013
	1,750	0,012
	1,844	0,011
	1,938	0,010
	2,031	0,009
	2,125	0,008
	2,219	0,007
	2,313	0,007
	2,406	0,006
	2,500	0,006
	2,594	0,005
	2,688	0,005
	2,781	0,005
	2,875	0,004
	2,969	0,004
	3,063	0,004
	3,156	0,004
	3,250	0,003
	3,344	0,003
	3,438	0,003
	3,531	0,003
	3,625	0,003
	3,719	0,003
	3,813	0,003
	3,906	0,002
	4,000	0,002

Figura 49 – Parametri dello spettro di risposta verticale allo SLV

11.2 Masse efficaci e variabilità del moto sismico

Per la determinazione delle azioni sismiche è stato considerato il totale delle masse G associate ai seguenti carichi gravitazionali:

$$G = G_1 + G_2 + \sum_j \psi_{2j} \cdot Q_{kj}$$

G_1 masse dei pesi propri strutturali
G_2 masse dei carichi permanenti non strutturali
Q_{kj} masse dei carichi accidentali

Con riferimento a § 3.2.4 delle NTC, si ritiene trascurabile in fase sismica il contributo delle azioni accidentali, pertanto vengono considerati i contributi dei soli carichi permanenti.
Nel modello fem è stata considerata la sola massa dell'impalcato, attribuita alle travi principali come "non-structural mass", per le condizioni di carico relative a Peso proprio delle travi metalliche, Soletta e Permanente non strutturale.

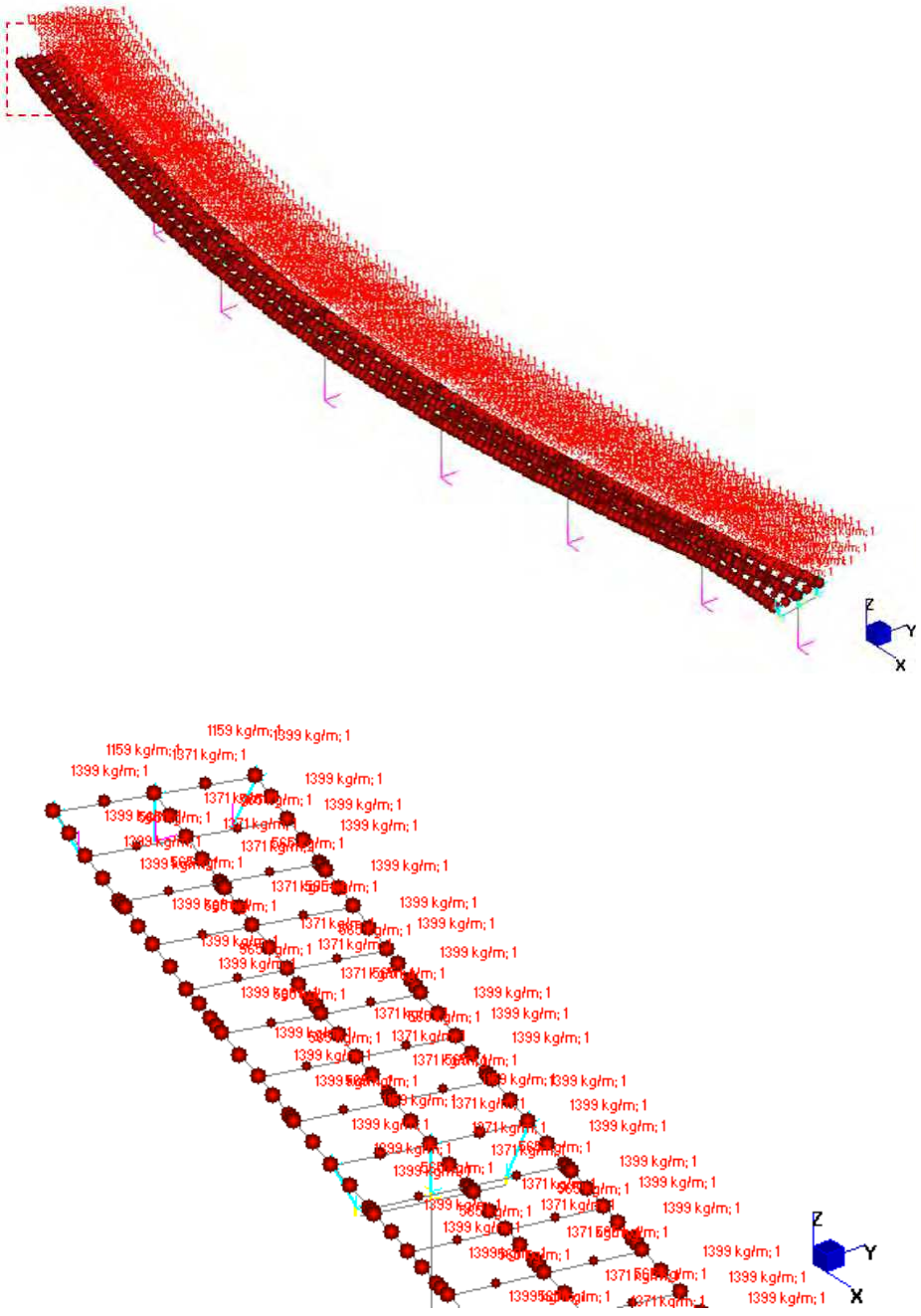


Figura 50 – Modello FEM Sismica – p.p - Non-structural mass

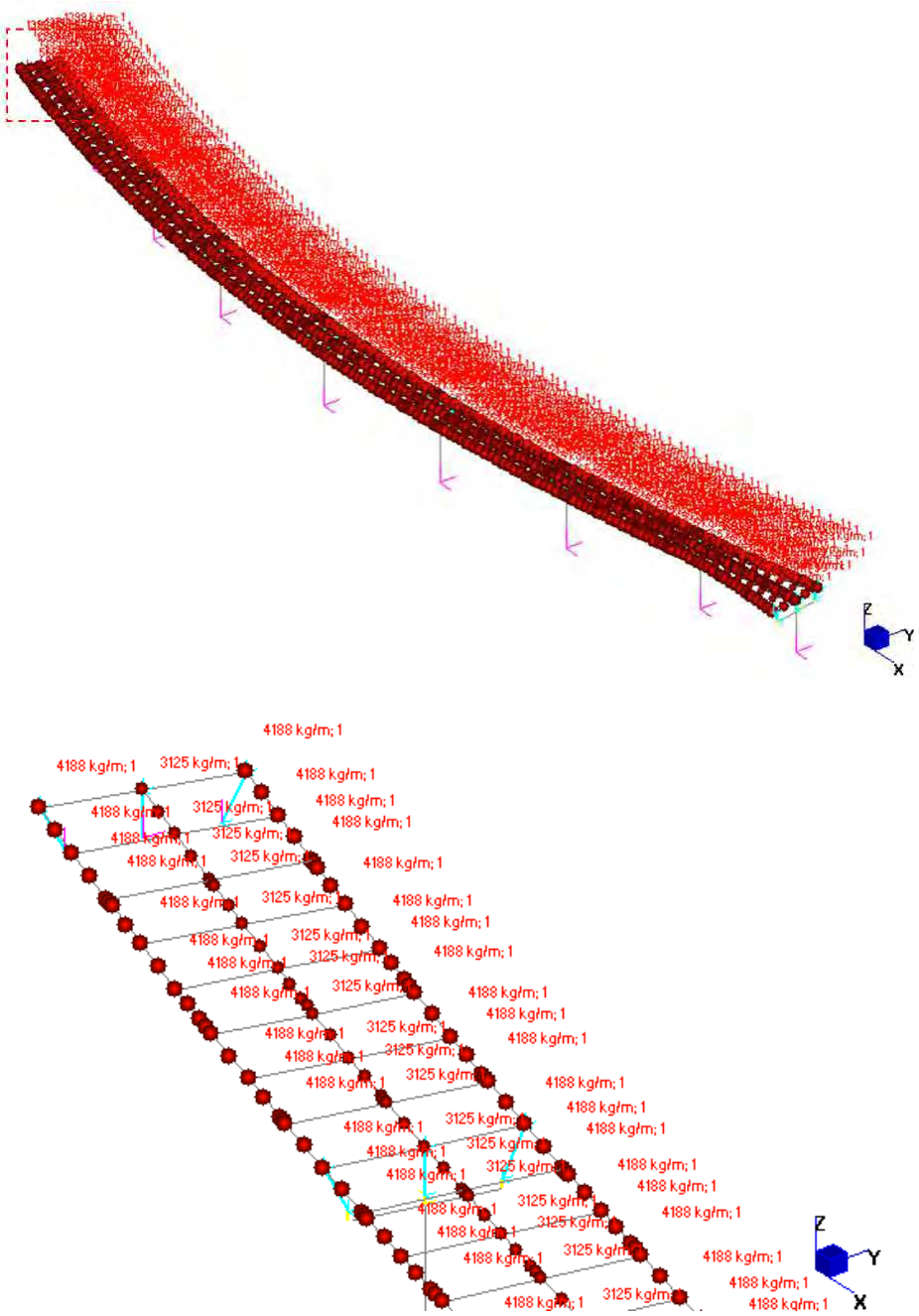


Figura 51 – Modello FEM Sismica – Soletta - Non-structural mass

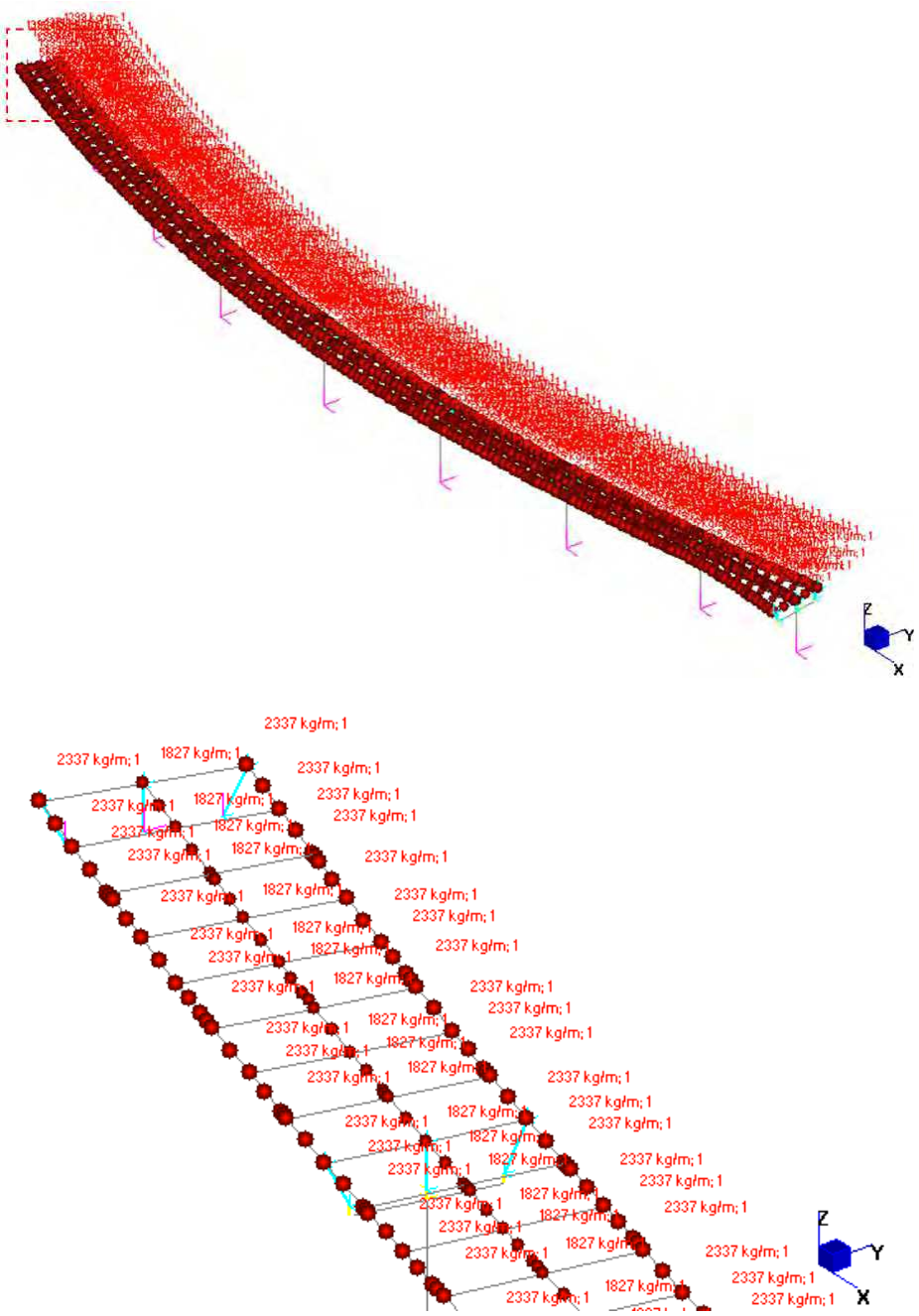


Figura 52 – Modello FEM Sismica – Perm. Non strutturali - Non-structural mass

Si è tenuto conto della variabilità del moto sismico orizzontale considerando le tre direzioni principali di oscillazione, in accordo con il §7.3.5 delle NTC, secondo le seguenti relazioni:

$$E_1 = E_x + 0.30 \cdot E_y + 0.30 \cdot E_z$$

$$E_2 = 0.30 \cdot E_x + E_y + 0.30 \cdot E_z$$

$$E_3 = E_x + 0.30 \cdot E_y + 0.30 \cdot E_z$$

Le azioni inerziali E_h e E_v vengono calcolate in automatico dal software di calcolo applicando gli spettri elastici orizzontali e verticali di progetto al modello strutturale numerico.

11.3 Analisi dinamica modale con spettro di risposta di progetto

L'analisi modale, arrestata ai primi 40 modi, fornisce i seguenti valori di frequenza e massa eccitata.

MODE PARTICIPATION

Mode	Frequency (Hz)	Modal Mass (Engineering)	PF-X (%)	PF-Y (%)	PF-Z (%)
1	2.015E+00	1.567E+06	3.538	0.006	0.007
2	2.038E+00	4.848E+06	88.317	0.146	0.016
3	2.355E+00	1.426E+06	0.655	0.001	0.552
4	2.816E+00	1.589E+06	0.115	0.000	0.082
5	3.306E+00	1.278E+06	0.001	0.000	0.064
6	3.327E+00	1.331E+06	0.017	0.091	7.614
7	3.404E+00	3.448E+06	0.003	0.026	0.002
8	3.508E+00	6.761E+05	0.137	0.131	9.450
9	3.731E+00	1.582E+06	0.005	0.731	0.009
10	3.924E+00	5.702E+05	0.201	0.544	25.762
11	4.005E+00	1.878E+06	0.553	7.469	0.104
12	4.025E+00	2.591E+06	0.853	22.987	1.456
13	4.322E+00	8.658E+05	0.007	0.009	0.028
14	4.331E+00	9.634E+05	0.000	4.448	1.382
15	4.425E+00	2.639E+06	0.419	2.552	0.001
16	4.509E+00	1.193E+06	0.003	0.187	0.005
17	4.691E+00	1.690E+06	0.023	0.038	0.001
18	4.742E+00	1.144E+06	0.004	0.001	0.015
19	4.929E+00	3.940E+05	0.092	5.473	0.071
20	5.050E+00	1.031E+06	0.000	3.824	0.043
21	5.434E+00	5.696E+05	0.000	0.066	25.663
22	5.677E+00	7.040E+05	0.454	12.957	0.001
23	5.803E+00	4.253E+05	0.041	0.997	0.073
24	5.912E+00	1.412E+06	0.079	4.229	0.016
25	6.075E+00	6.393E+05	0.019	0.000	0.001
26	6.378E+00	4.403E+05	0.195	6.660	0.169
27	6.571E+00	1.026E+06	0.591	0.064	0.000
28	6.707E+00	7.153E+05	0.179	0.400	0.053
29	7.160E+00	1.403E+06	0.177	0.002	0.094
30	7.312E+00	3.320E+06	0.270	5.467	0.002
31	7.609E+00	1.493E+06	0.275	14.210	0.039
32	7.863E+00	1.737E+06	0.000	0.085	0.001
33	7.943E+00	1.436E+06	0.017	0.091	0.269
34	8.159E+00	2.363E+06	0.002	0.267	0.001
35	8.648E+00	2.059E+06	0.000	0.005	0.002
36	8.769E+00	1.472E+06	0.018	0.004	0.063
37	9.353E+00	7.721E+05	1.925	0.070	0.010
38	9.596E+00	2.284E+06	0.018	0.066	0.008
39	9.627E+00	1.561E+06	0.191	0.033	0.070
40	9.977E+00	1.044E+06	0.001	0.024	0.000
TOTAL MASS PARTICIPATION FACTORS			99.391	94.359	73.195

Nelle figure seguenti sono mostrati i modi di vibrazioni più significativi.

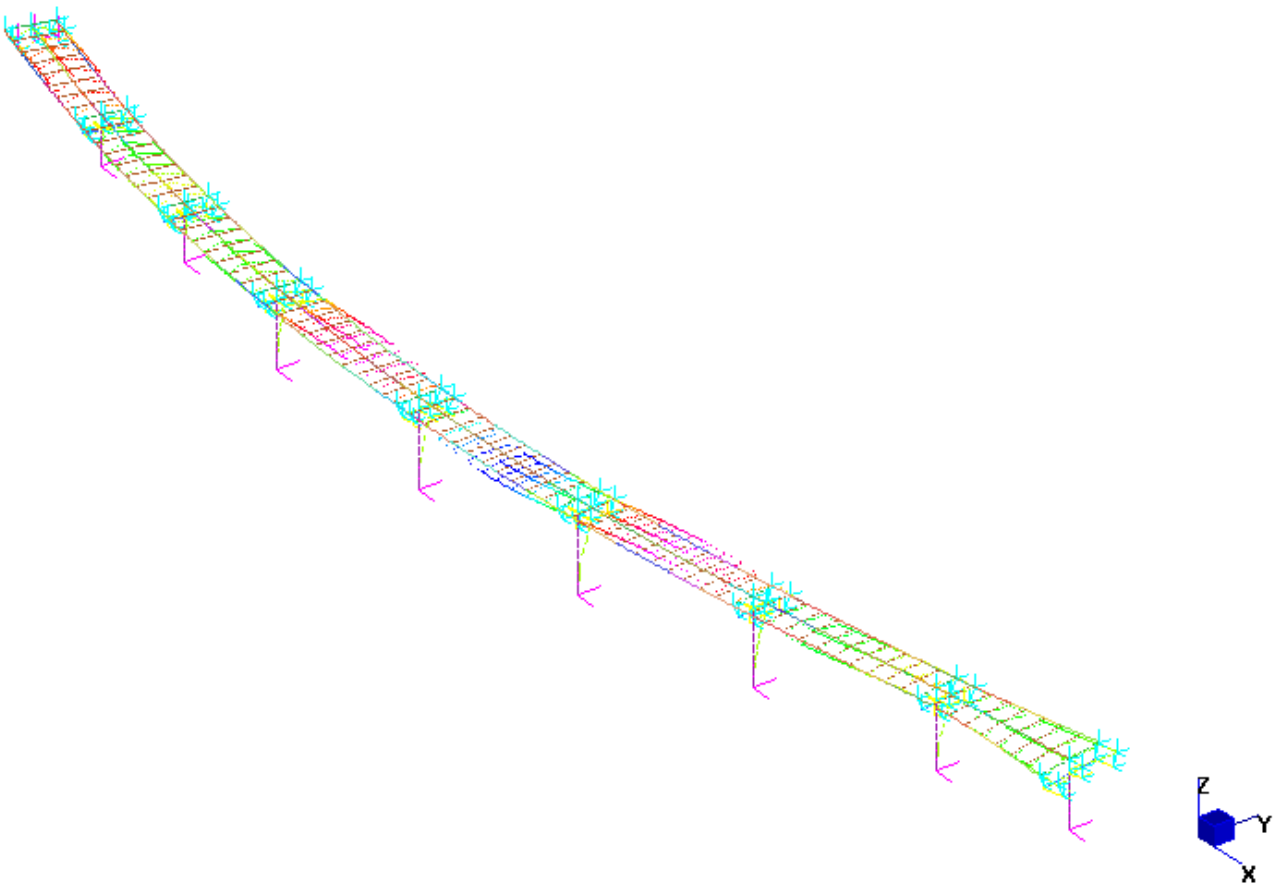


Figura 53 – Modo di vibrazione 2 – f = 2.038 Hz

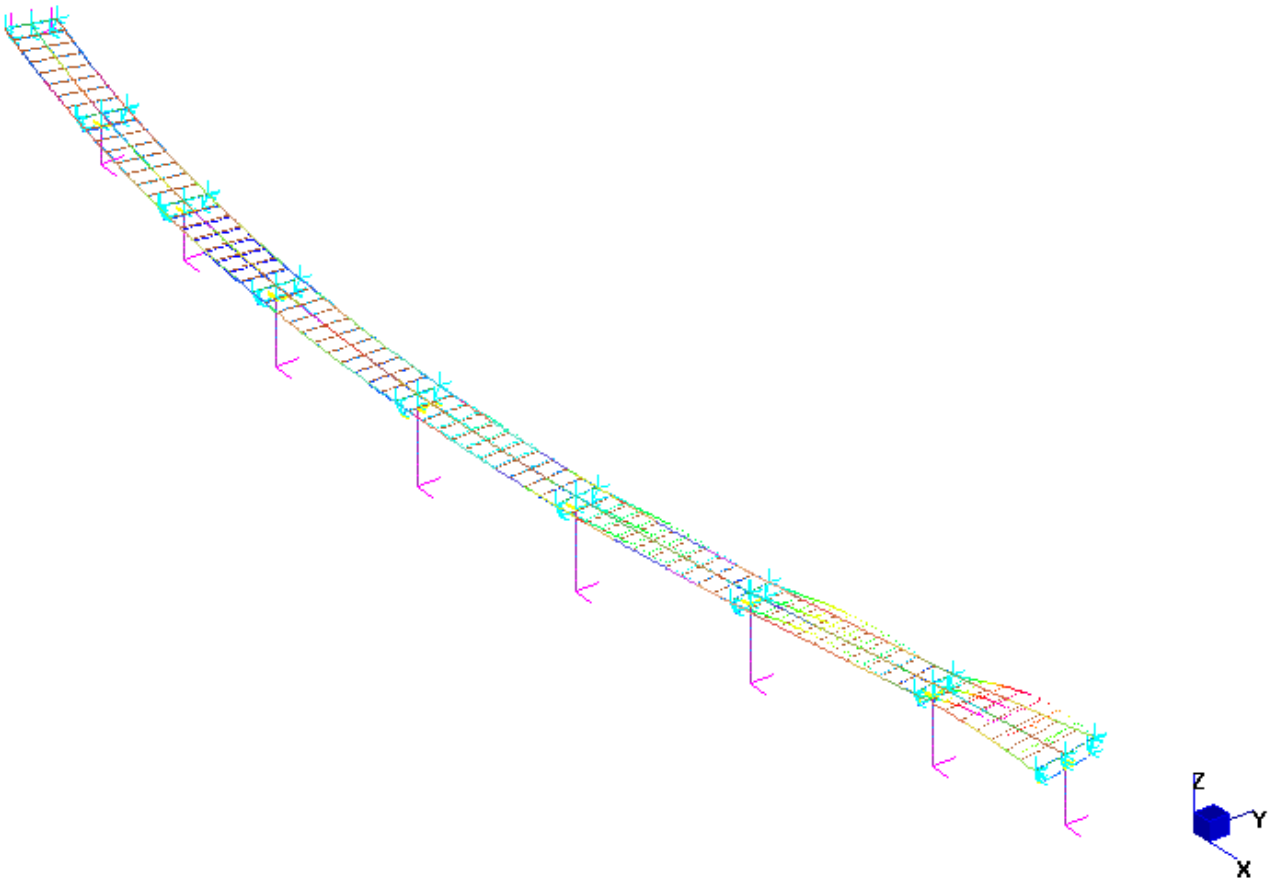


Figura 54 – Modo di vibrazione 3 – f = 3.924 Hz

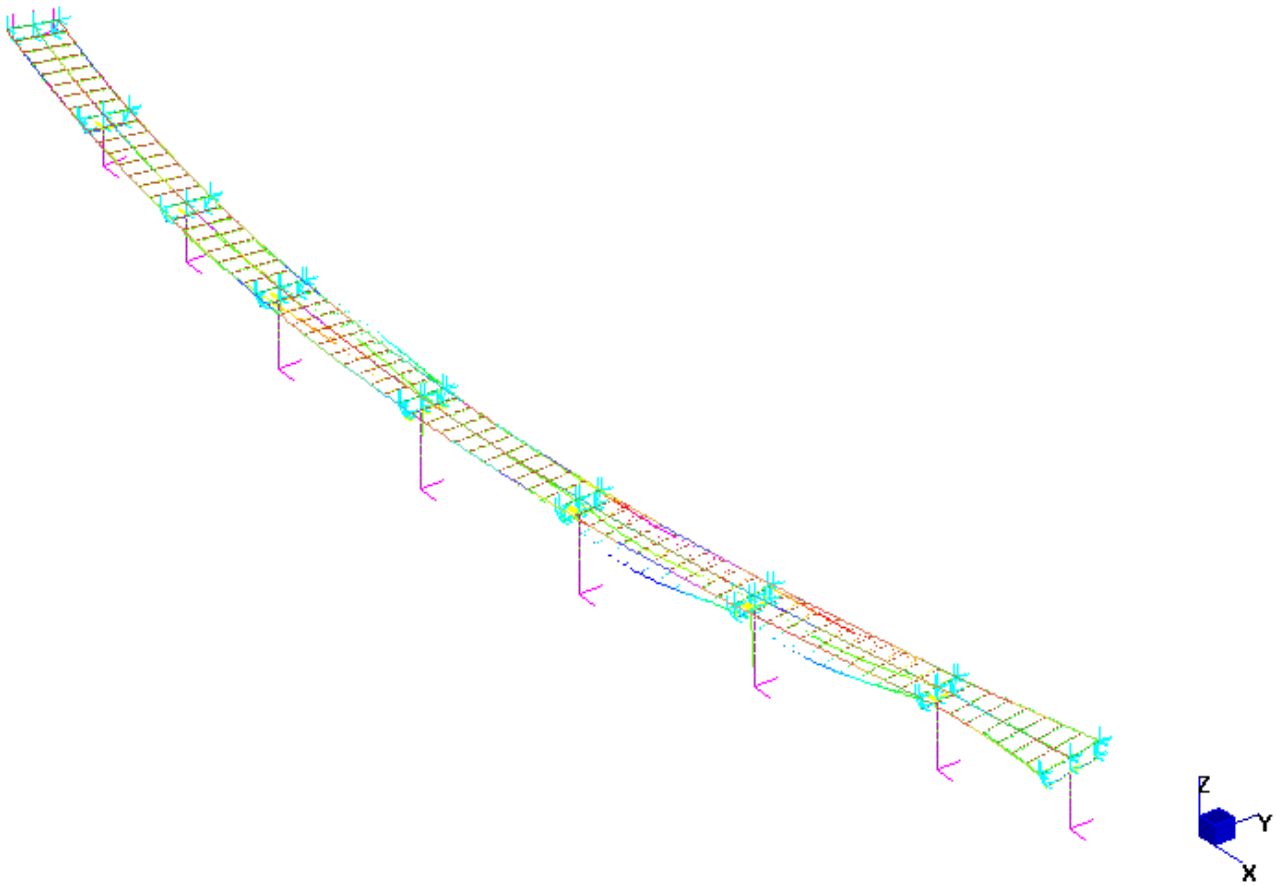


Figura 55 – Modo di vibrazione 12 – f = 4.025 Hz

11.4 Combinazione delle risposte modali

La combinazione dei massimi modali viene effettuata secondo il metodo CQC.
Si riportano nelle figure seguenti le deformate associate a sisma longitudinale e trasversale allo SLV.

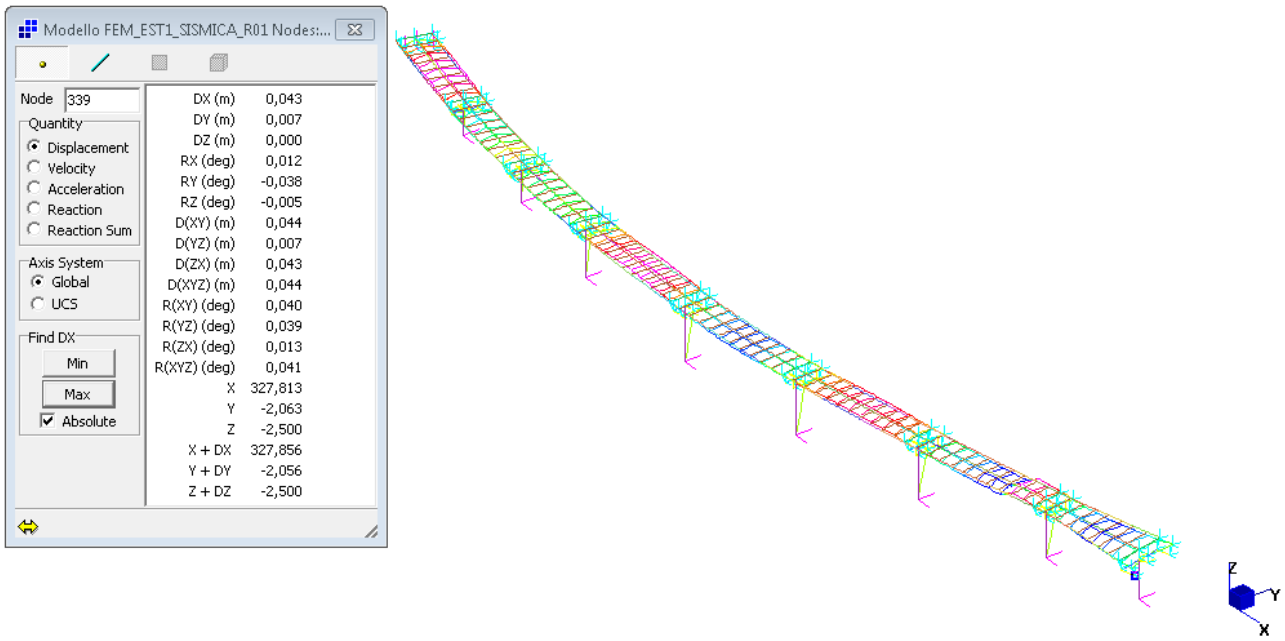


Figura 56 – SLV_Sisma X – Deformata

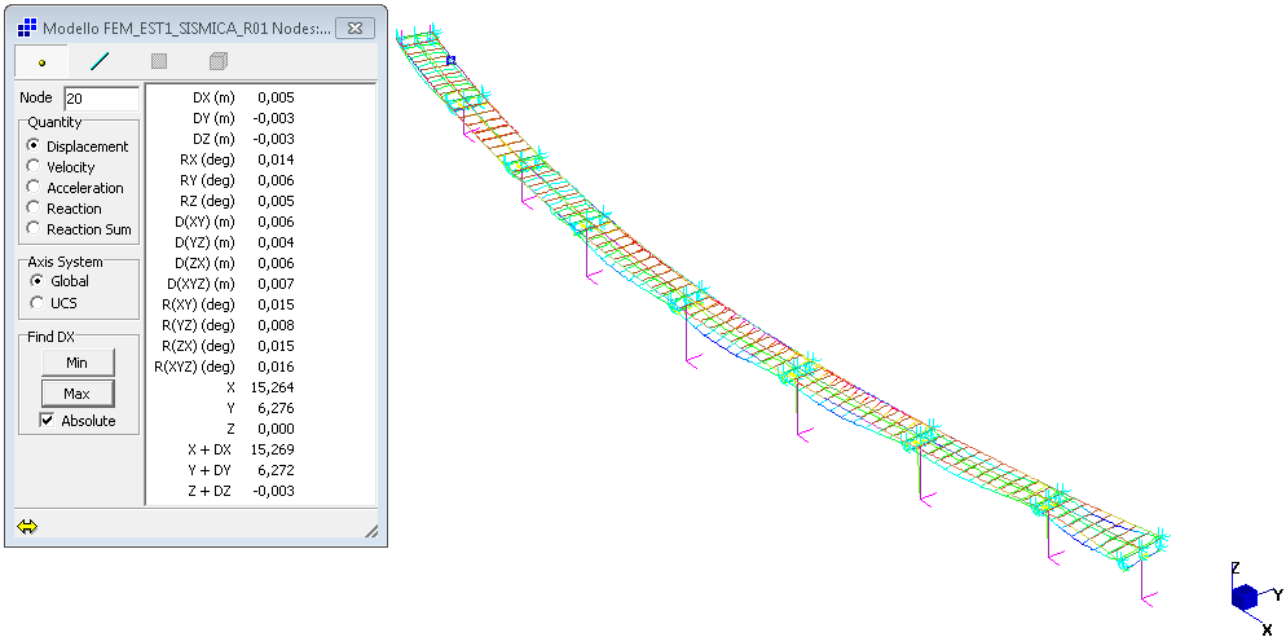


Figura 57 – SLV_Sisma Y – Deformata

12 VERIFICHE IMPALCATO METALLICO

12.1 Generalità

L'analisi e la verifica della struttura d'impalcato sono state condotte in accordo a quanto dichiarato nei capitoli precedenti della presente relazione.
Nel presente capitolo vengono riportate, per ciascuna tipologia di verifica, le generalità della procedura seguita e il riepilogo sintetico dei risultati, espressi in termine di coefficienti di sicurezza o di rapporti di sfruttamento.
I criteri per la verifica della resistenza delle sezioni (cross section checks) sono contenuti nelle NTC cap 4.2., 4.3 e relative Istruzioni, e risultano in completo accordo con quanto previsto in Eurocodice + N.A.D. (rif. EN 1993-1-1, EN1993-1-5, EN 1993-2, EN1994-1-1, EN 1994-2).
Nel prosieguo si farà riferimento puntuale a quest'ultimo testo, caratterizzato da una trattazione più omogenea, e da un riferimento più puntuale relativamente alle varie regole applicative.
Nell'ambito dei vari S.L. considerati, si effettuano le seguenti verifiche sezionali:

S.L.U. : resistenza delle sezioni (incluse verifiche di local buckling)
S.L.E. : limitazione delle tensioni
web breathing
Fatica : verifica dell'ampiezza dei $\Delta\sigma$ (metodo dei coefficienti λ)

I medesimi S.L. verranno esaminati per la verifica della connessione traverso-soletta; relativamente alle verifiche effettuate si rimanda allo specifico paragrafo.
Il complesso delle precedenti verifiche viene effettuato in automatico dal programma "Ponti EC4" per tutte le sezioni critiche, di cui nel seguito vengono esposte in dettaglio le modalità operative attraverso il commento della reportistica di uno o più sezioni prese a campione.

12.2 Resistenza delle sezioni SLU

Le verifica S.L.U. di resistenza della sezione viene effettuata attraverso in seguenti passaggi:

- **Preclassificazione della sezione**

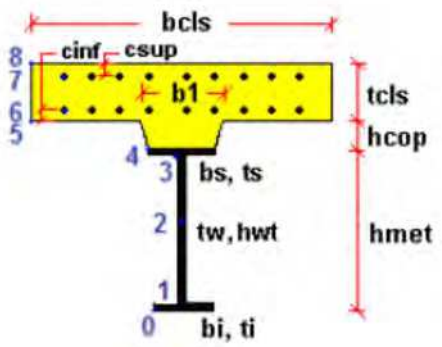
  Effettuata sulla base delle caratteristiche geometriche dei singoli sottocomponenti
- **Analisi plastica**

  Tracciamento dei domini di resistenza della sezione N/M_{rd} ed $N/M_{f,rd}$ (dominio della sezione privata dell'anima)
- **Classificazione effettiva della sezione**

  Effettuata sulla base dell'effettivo valore di N_{Ed}, M_{Ed} per la combinazione in esame (max/min M_{Ed}, max/min V_{Ed}, con i rispettivi valori concomitanti)
- **Verifica a plastica a pressoflessione (sezioni cl. 1 e 2):**

  Valutazione del massimo rapporto di sfruttamento plastico η_1,; effettuata con riferimento a N_{Ed}, M_{Ed} agenti isolatamente, e per effetto combinato.
- **Verifica elastica a pressoflessione (sezioni cl. 3-4)**

  valutazione del massimo rapporto di sfruttamento elastico η_1, effettuata rispettivamente per le sezioni in classe 3/4 con riferimento alle caratteristiche geometriche lorde/efficaci. Le caratteristiche geometriche efficaci vengono dedotte in maniera iterativa, tenendo conto delle flessioni parassite che nascono per effetto dell'eccentricità assunta dall'azione assiale di progetto causata dallo "shift" progressivo dell'a.n.e..
  Le tensioni vengono valutate in corrispondenza delle 8 fibre indicate nello schema seguente.



Nell'ambito del calcolo tensionale, la soletta viene considerata "cracked" (non reagente) all'atto dell'annullamento della tensione di compressione valutata in corrispondenza della fibra media. Contestualmente all'annullamento della soletta, si annullano anche le sollecitazioni da ritiro primario.

- **Verifica a taglio - sezioni non soggette a "shear buckling"**

  Viene effettuato il calcolo del taglio resistente plastico, ed il calcolo del rapporto di sfruttamento a taglio.
- **Verifica a taglio - sezioni suscettibili di "shear buckling"**

  per sezioni soggette a "shear buckling" viene valutato il coefficiente di riduzione χ_w, e successivamente valutato il taglio resistente $V_{b,Rd}$ come somma dei contributo resistenti dell'anima $V_{bw,Rd}$ e, se applicabile, delle flange $V_{bf,Rd}$.
- **Verifica interazione azione assiale - flessione - taglio (tutte le classi)**

  Si adotta univocamente, per tutte le classi di sezione, l'approccio proposto da EN 1993-1-5, cap. 7.1, che consiste nella valutazione di un rapporto di sfruttamento modificato in funzione dei singoli rapporti di sfruttamento valutati per pressoflessione e taglio agenti separatamente. L'adozione di questa formulazione risulta a rigore solo leggermente più cautelativa di quella riservata alle sezioni di classe 1 - 2, per le quali l'interazione N-M-V si risolverebbe con la deduzione di un rapporto di sfruttamento elastico per tensioni normali valutato con riferimento ad una anima opportunamente ridotta per tenere conto dell'influenza del taglio (cfr. EN 1994-2 cap. 6.2.2.4.(2)).
  Un'ulteriore ipotesi cautelativa, riservata alla verifica di sezioni in classe 3-4, è l'utilizzo sistematico del rapporto di sfruttamento elastico η_1 in luogo di quello plastico $\overline{\eta}_1$, indipendentemente dall'andamento delle tensioni lungo l'anima (a rigore la EN 1993-1-5, cap. 7.1.(4) e (5) prevede tale accortezza solo qualora l'anima risulta interamente in compressione).
  Come già evidenziato relativamente al calcolo del contributo resistente a taglio delle flange, le resistenze plastiche della sezione completa e della sezione privata dell'anima sono rilevate direttamente dai rispettivi domini di interazione, per cui:
  $M_{pl,Rd} = M_{pl(N),Rd}$
  $M_{f,Rd} = M_{f(N),Rd}$
  Si rileva incidentalmente che la diseguaglianza associata alla formula di interazione presentata poco sopra evidenzia implicitamente che la formula non è applicabile (non vi è interazione) qualora il momento di progetto sia minore di quello sopportabile dalle sole flange.
  Per sezioni in classe 3-4, il momento di progetto M_{Ed} viene valutato sulla base degli stress cumulati nella fibra più sollecitata ($M_{Ed,eq} = \max | W_{xi} \times \Sigma\sigma_{x,i} |$).

Per le verifiche delle membrature in calcestruzzo si adotta l'usuale ciclo di verifica previsto dall'eurocode package 2, che comprende:
S.L.U. – verifica per tensioni normali e verifica a taglio
S.L.E. – verifica limitazione delle tensioni
S.L.E. frequente – verifica a fessurazione.

12.3 Verifiche travi longitudinali

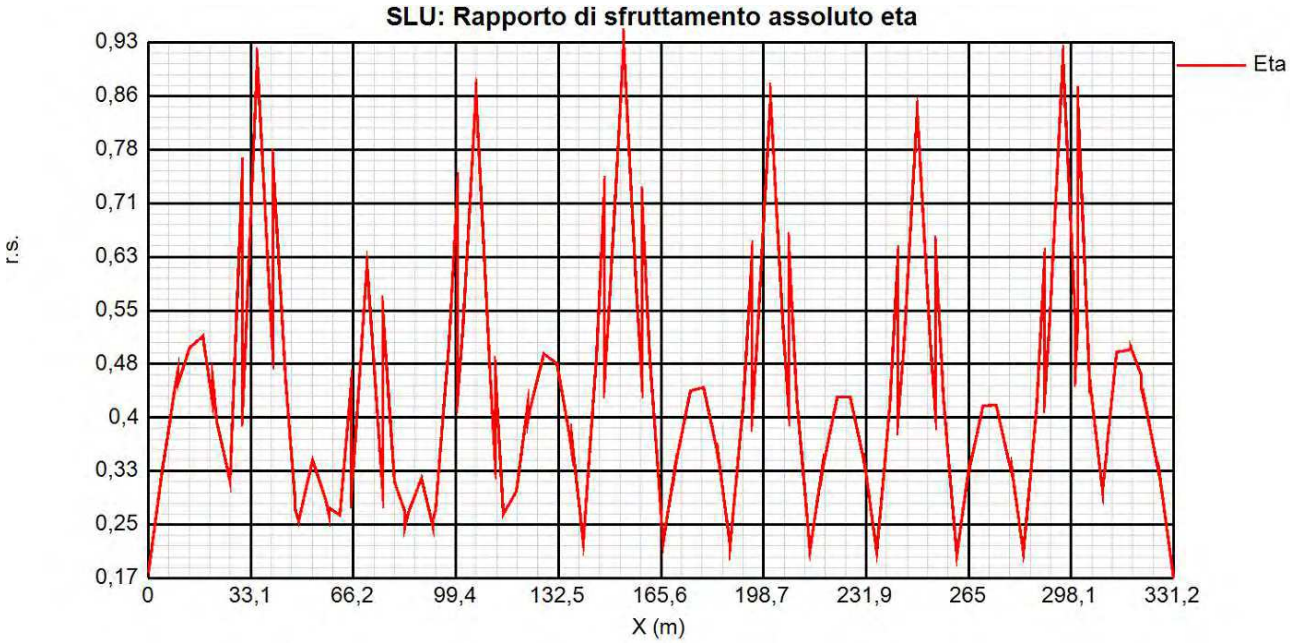
Di riportano i risultati salienti delle verifiche, espressi in generale in termini di rapporti di sfruttamento. Le sollecitazioni di verifica vengono direttamente dedotte dalle combinazioni del modello ad elementi finiti.
Data la configurazione planimetrica dell'opera, che presenta asse curvo, l'attenzione viene focalizzata sulla trave di bordo esterna.

12.3.1 Rapporti di sfruttamento resistenza SLU

Si riportano di seguito i diagrammi dei seguenti rapporti di sfruttamento:

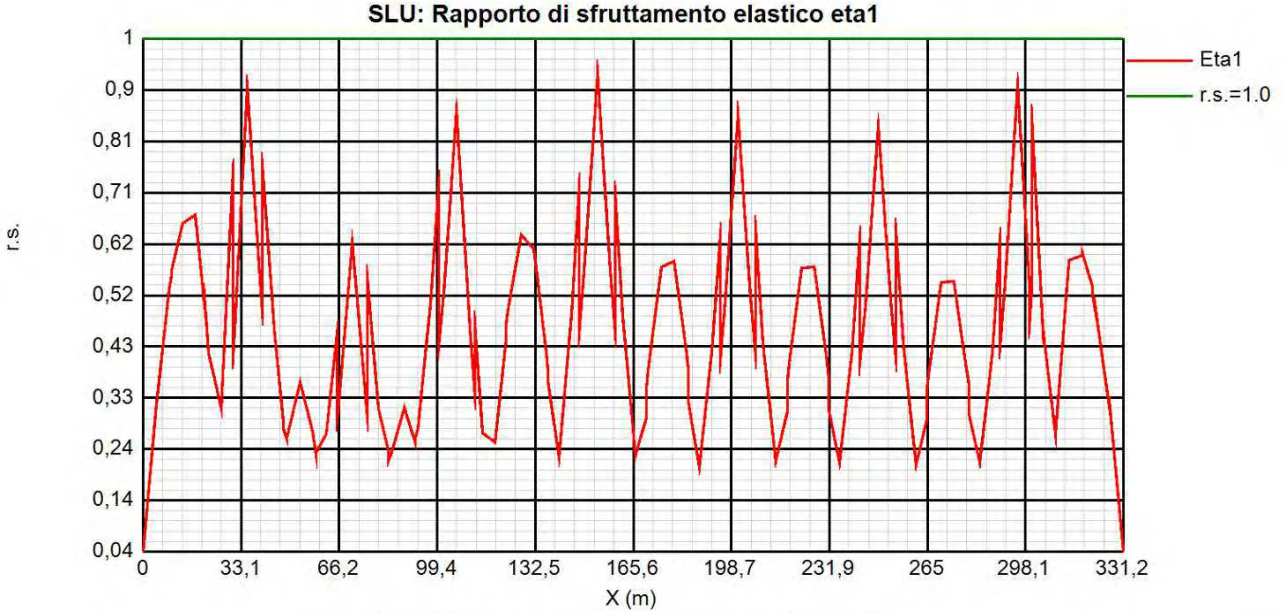
max η assoluto

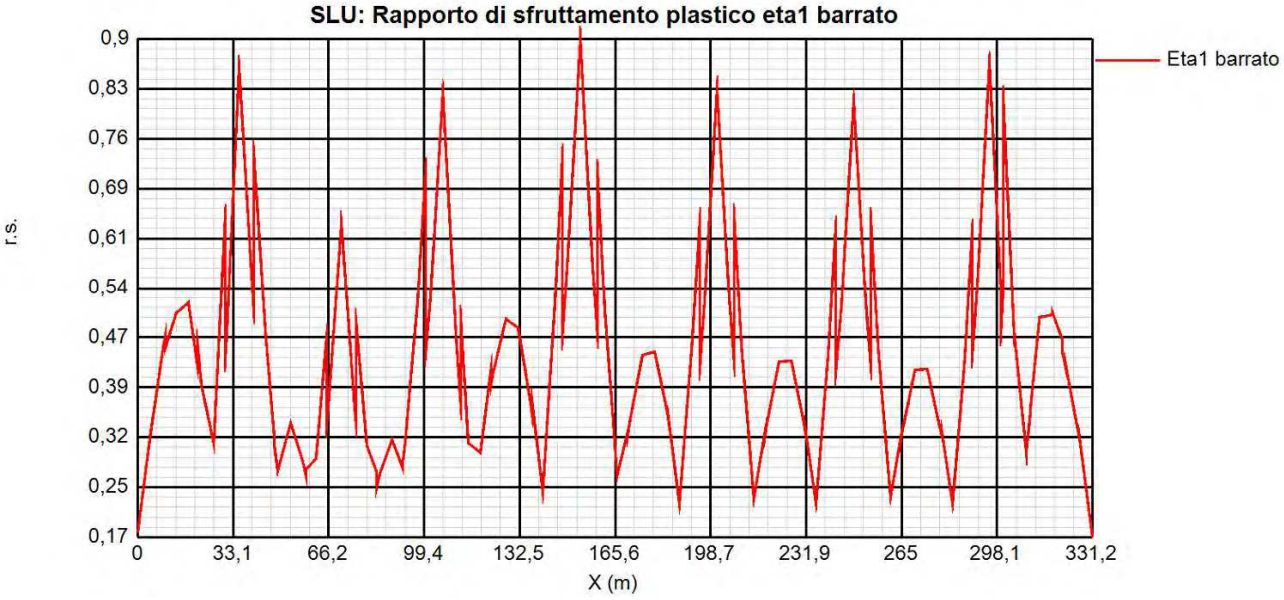
Derivante dall'interazione N/M/V (EN1993-1-5, 7.1.(1)); nei casi in cui non vi è interazione, tale valore coincide con il rapporto di sfruttamento a flessione η_1.



max η_1/ η_1

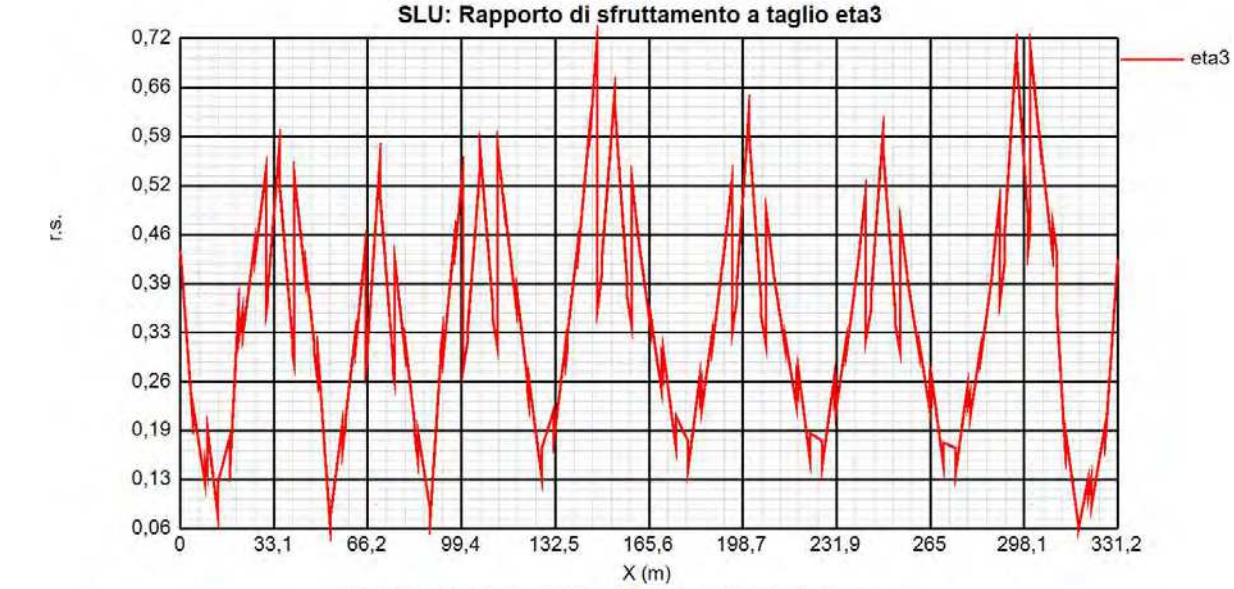
Rapporto di sfruttamento a flessione; nell'ambito delle condizioni di applicabilità dell'analisi plastica, esso coincide con il rapporto $\eta_1 = M_{Ed}/M_{pl}$ (rapporto di sfruttamento plastico); in tutti gli altri casi è pari a $\eta_1 = \sigma_{Ed}/(\gamma_{mo} f_{yk})$. I rapporti di sfruttamento a flessione, risp. elastici e plastici vengono tracciati indipendentemente dal campo di applicabilità; in ogni caso, il valore considerato nel calcolo del rapporto di sfruttamento assoluto considera di volta in volta il rapp. elastico/plastico in funzione degli effettivi limiti di applicabilità.

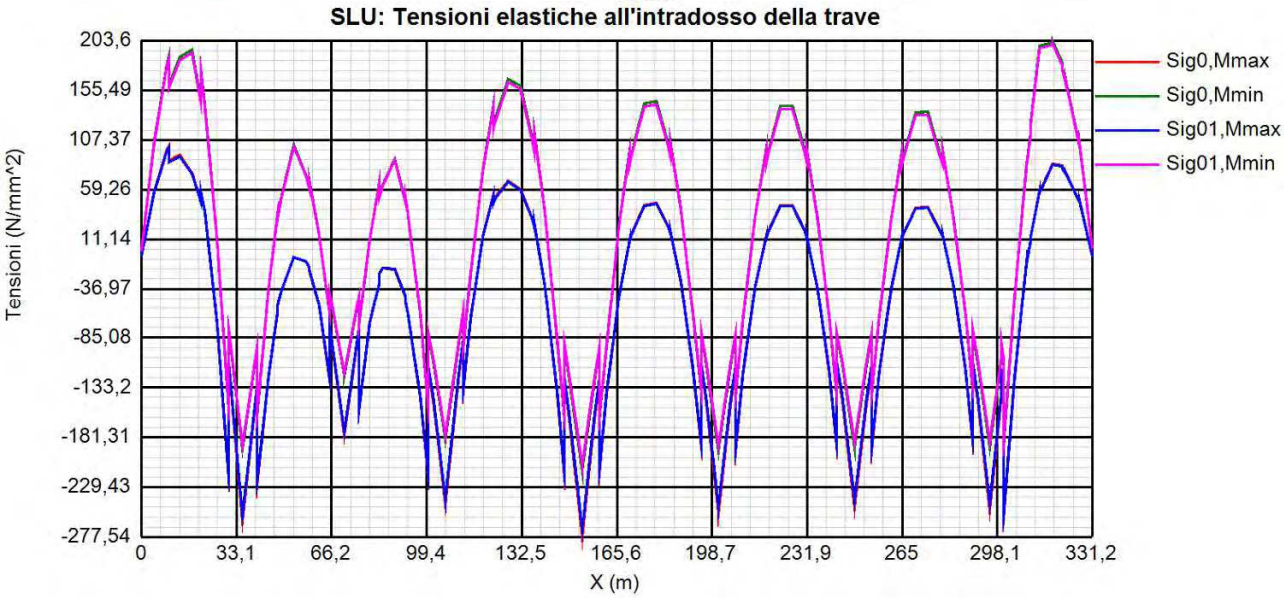


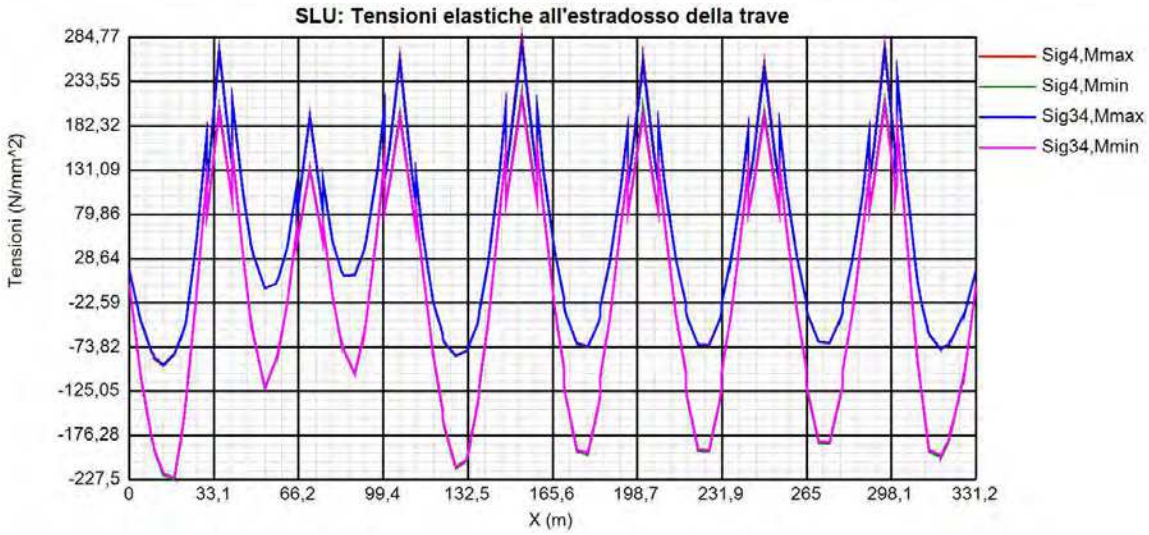


max η_3

Rapporto di sfruttamento a taglio $\eta_3 = V_{Ed}/V_{Rd}$



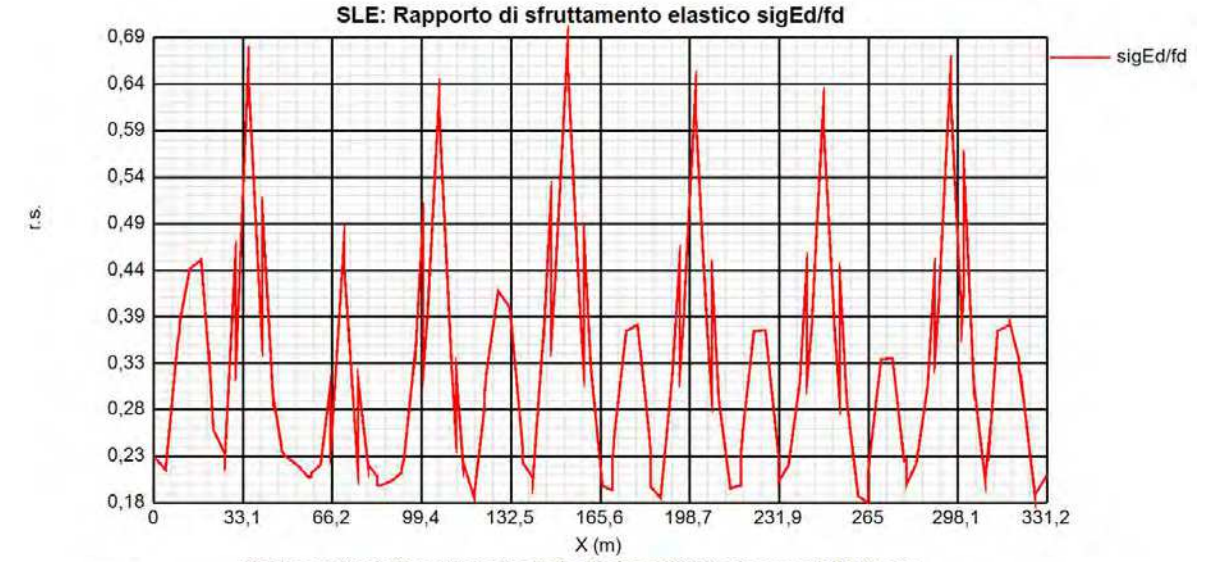


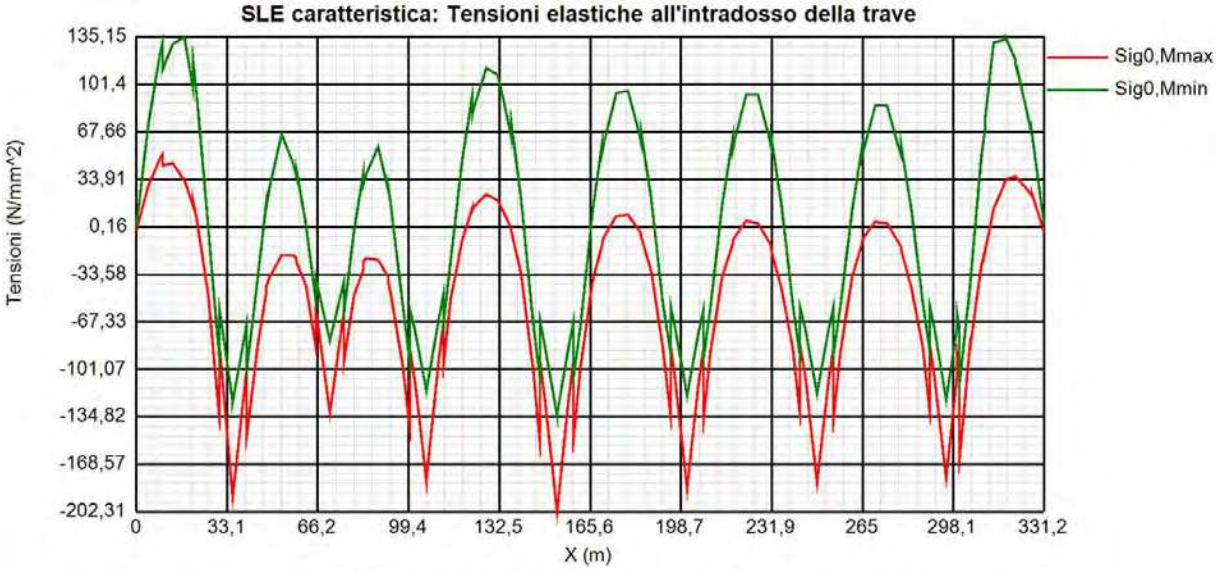


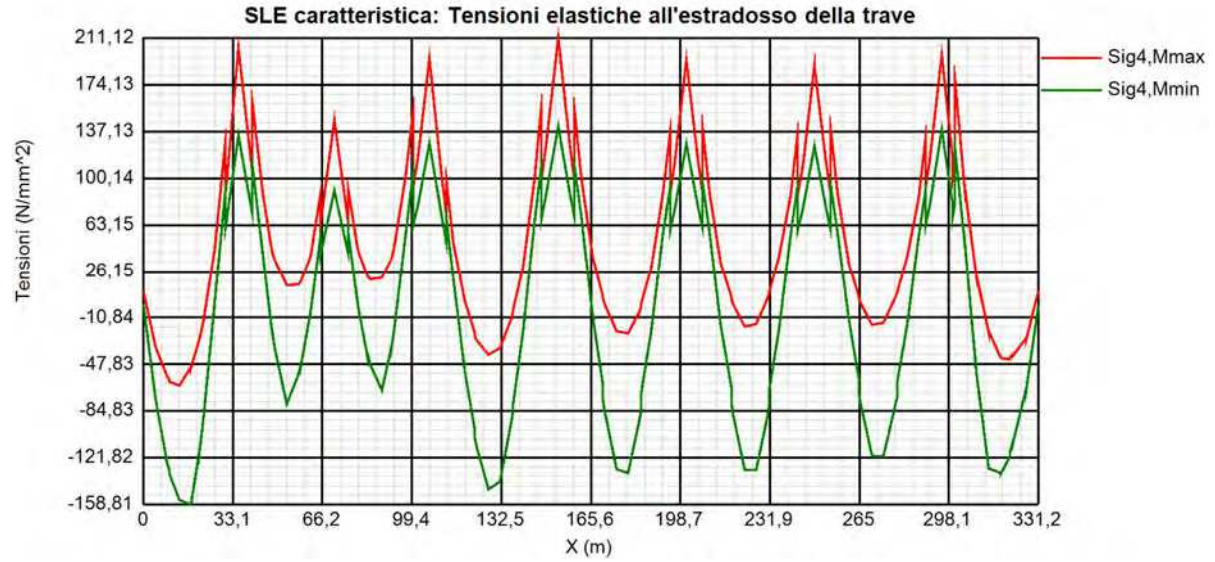
Come si nota, i rapporti di sfruttamento rilevati risultano in tutti i casi al di sotto dell'unità.

12.3.2 S.L.E. - limitazione delle tensioni – rapporti di sfruttamento

Di seguito si riporta l'andamento del rapporto di sfruttamento S.L.E. tra tensione di Von Mises e tensione di riferimento.



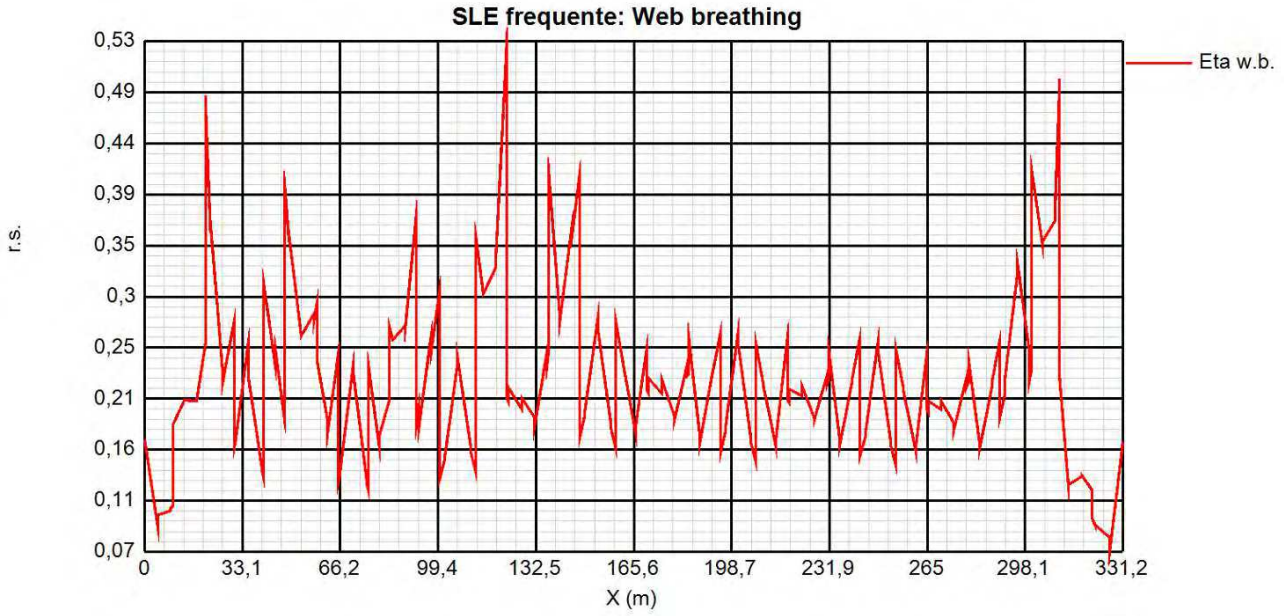




Come si può notare dall'esame del diagramma, i rapporti di sfruttamento S.L.E. appaiono al di sotto dell'unità.

12.3.3 Rapporti di sfruttamento SLE FR "web breathing"

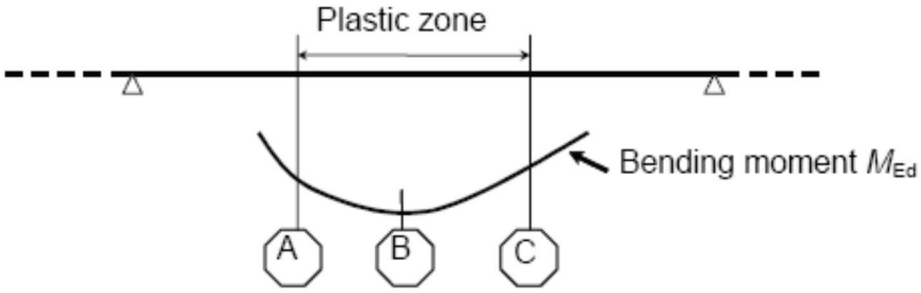
Relativamente alla verifica di Web Breathing, i diagrammi seguenti riportano l'andamento del rapporto di sfruttamento.



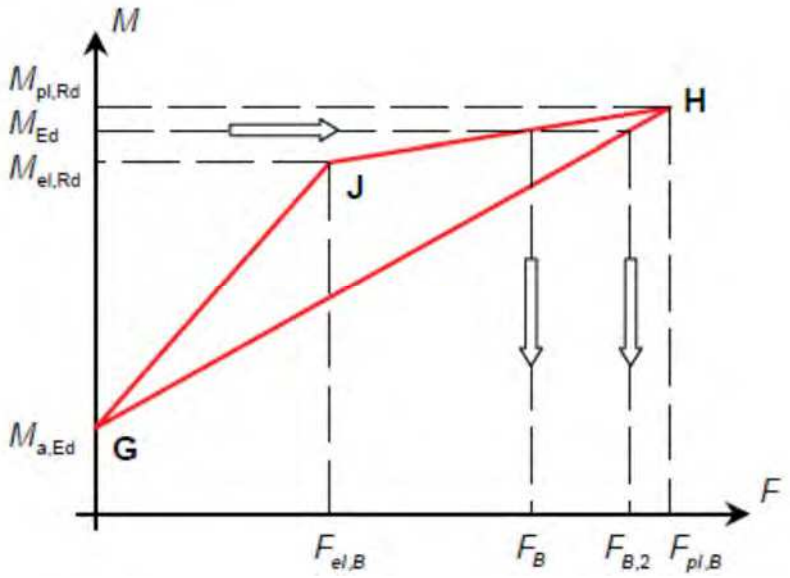
La verifica risulta soddisfatta (si ricorda che la verifica è soddisfatta al limite con un rapp. Sfr. Max = 1.2)

12.4 Verifica connessione trave/soletta

Le specifiche relative al detaling della connessione traverso-soletta sono contenute in NTC-18, 4.3.4.1.2 e C.4.3.4. delle relative Istruzioni; per quanto riguarda i riferimenti Eurocodice, i cui contenuti sono perfettamente identici, si fa riferimento a EN 1994-1 e EN 1994-2. Le piolature adottate sono tutte a completo ripristino di resistenza.
Il ciclo di verifica delle piolature comprende i seguenti passi:
- Verifica tensioni S.L.U. (valido per sezioni con $\eta_1 \leq 1$)
Deduzione del massimo scorrimento "elastico" a taglio allo S.L.U. sul singolo piolo, nell'ambito delle condizioni M_{max}/M_{min}, V_{max}/V_{min}, e confronto con la portanza del piolo allo S.L.U..:
$v_{L,Ed}(x) = V_{Ed}(x)\ S/J$
$v_{L,Ed}{}^{ULS} \leq 1.1\ N_i/I_i\ P_{Rd}$
In cui S e J sono univocamente definite sulla base delle caratteristiche "uncracked"
Tale approccio risulta ovviamente valido solamente per le sezioni che non attingono alle proprie risorse extra elastiche ($\eta_1 \leq 1$). Per sezioni di classe 1-2, qualora il rapporto di sfruttamento elastico η_1 risulta maggiore di 1, non risulta più valido l'approccio di calcolo dello scorrimento (v = VS/J), ed è quindi necessario tenere conto in maniera non lineare della relazione tra azione tagliante V_e scorrimento v_L mediante l'approccio non lineare indicato al punto seguente.
- Verifica plastica S.L.U. (obbligatorio per sezioni con $\eta_1 > 1$)
Nelle zone plasticizzate (in generale a momento negativo) non risulta più valido l'approccio di calcolo dell'azione nei pioli basata sul flusso elastico: in questo caso, infatti, il legame fra il taglio per unità di lunghezza, le forze interne della soletta ed il momento flettente non è più lineare (EN 1994-2 cap. 6.6.2.2).
Il calcolo viene effettuato individuando, propedeuticamente, la regione entro la quale le sezioni attingono alle proprio risorse extra-elastiche. Tale regione (simmetrica nel caso in esame), è schematicamente rappresentata dai due punti di boundary A e C e dal punto di minimo momento (mezzeria) indicati nello schema seguente. I punti di boundary sono individuate dalle sezioni nelle quali la massima tensione è pari allo snervamento del materiale.



La verifica è di tipo "globale", e comprende la valutazione dello scorrimento in maniera diretta, mediante considerazioni di equilibrio del concio dei conci di soletta compresi tra la boundary ed il punto di minimo mento (concio di soletta compreso tra A e B e concio di soletta compreso tra B e C).
L'azione assiale insistente ai confini della zona plastica (punti A / B) è pari all'integrale delle tensioni rilevate lungo la soletta in calcestruzzo; a tale azione va aggiunta, per le verifiche nell'ambito della condizione "long term" l'effetto del ritiro primario.
L'azione assiale N_B è la risultante delle azioni in soletta, da valutarsi con riferimento all'effettivo stato, parzialmente "plastico" della sezione. Per il calcolo, si fa riferimento ai criteri di "non linear resistance to bending" contenuti in EN 1994-2 cap. 6.2.1.4.(6), con l'ausilio della costruzione riportata nel diagramma seguente, che riporta in un sistema d'assi M/N, i possibili stati della sezione di minimo momento flettente.



Si indica con:

$M_{a,Ed}$ momento flettente agente sulla sola trave metallica

$M_{el,Rd}$ momento flettente elastico

M_{Ed} momento flettente di progetto

$M_{pl,Rd}$ momento plastico della sezione

$F_{el,B}$ azione assiale agente nella soletta, al raggiungimento del momento elastico (N_B)

Il diagramma è caratterizzato dai seguenti punti notevoli:

G punto corrispondente al momento flettente della trave in fase 1

H punto che individua il raggiungimento dello stato plastico della sezione, caratterizzato da $M_{pl,Rd}$ ed $F_{pl,B}$ (azione assiale plastica in soletta).

J punto corrispondente allo yielding del prima fibra della sezione, caratterizzato da $M_{el,Rd}$ ed $F_{El,B}$ (risultante tensioni in soletta sotto l'azione di $M_{El,Rd}$).

Come si nota dal diagramma, l'effettiva azione assiale F_B insistente in soletta nel reale stato della sezione è rappresentato dalla linea verticale che interseca la retta JH all'ordinata corrispondente al momento di progetto M_{Ed}. In alternativa, operando in maniera semplificata, risulta possibile stabilire un limite superiore a N_B, intercettando direttamente la retta GH.

Si segue l'approccio "rigoroso" che, pur comportando la necessità di valutare $M_{el,Rd}$, comporta una stima più accurata di N_B.

Per il calcolo di $M_{el,Rd}$ ed $F_{el,B}$, viene valutato il fattore "k" (≤ 1) che, applicato al momento flettente agente sulla sezione composta $M_{c,Ed}$ (derivante da fase 2 e fase 3) comporta un quadro tensionale al limite di snervamento, e che implica pertanto l'espressione:

$M_{el,Rd} = M_{a,Ed} + k\, M_{c,ED}$

Si avrà pertanto, con riferimento alle fibre estreme della sezione:

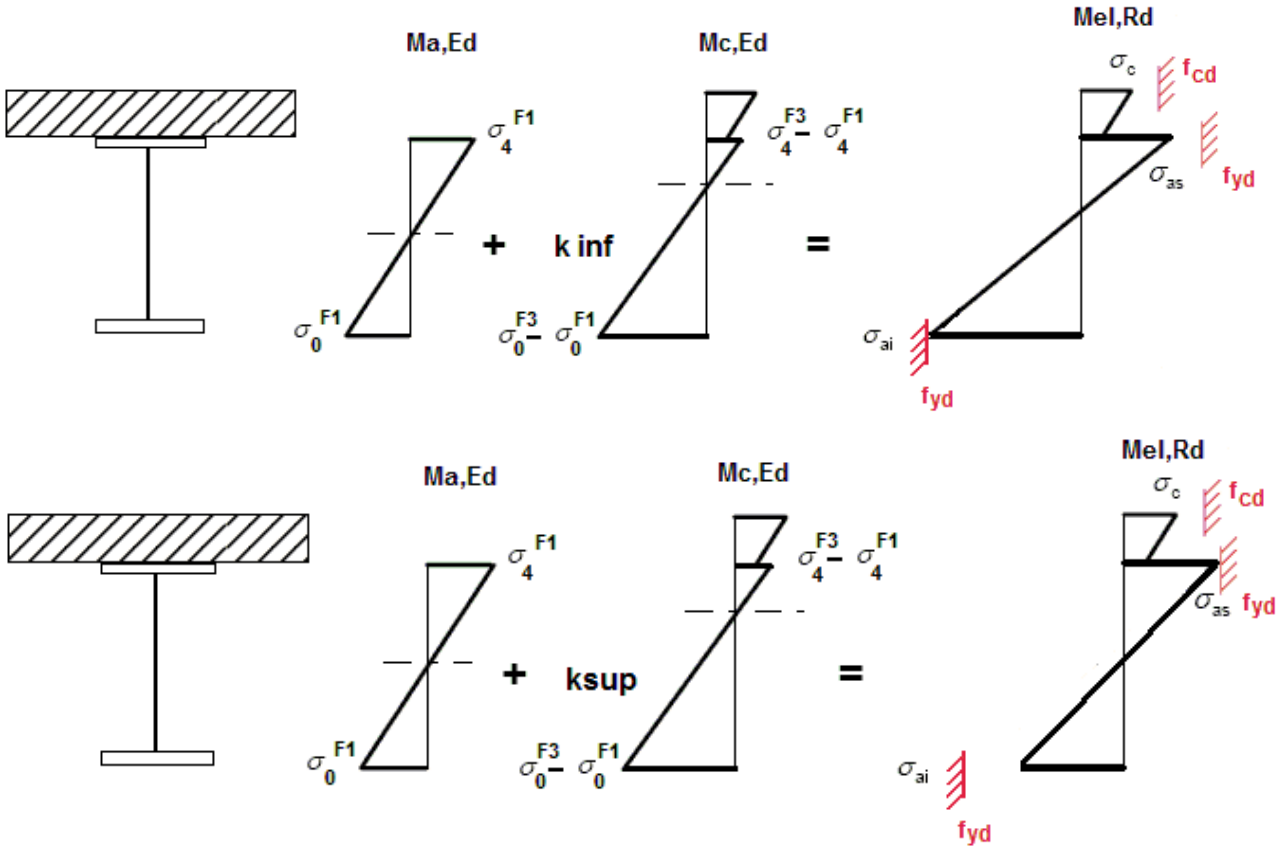
$k = f_{yd} - \sigma_{if1} / \Delta\sigma_i$

i = 1 o 4 (lembo inferiore/superiore trave metallica)

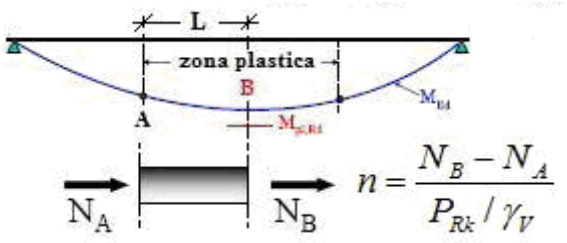
σ_{if1} = tensione alla fibra "i" della sezione in fase 1

$\Delta\sigma_i$ = variazione di tensione alla fibra "i" tra la fase 3 e la fase 1

Si utilizza uno dei due schemi di calcolo riportati nelle figure sottostanti, a seconda che la tensione di snervamento sia stata superata nella fibra inferiore oppure in quella superiore.



Quando la sezione è plasticizzata il coefficiente k risulta compreso fra 0 ed 1, e rappresenta il coefficiente moltiplicativo che riporta il diagramma di tensioni in fase 3 ad un diagramma al limite elastico.
Noto k è immediato valutare $M_{el,Ed}$ e la corrispondente azione assiale di soletta, tramite integrazione delle tensioni:
Nel,Ed = k * (σ_5+σ_8)/2*Asoletta
Essendo σ_5 e σ_8 le tensioni normali nella soletta in fase 3, calcolate a partire da Mel,Ed.
Il numero di pioli necessario nella zona plastica è infine calcolabile, con riferimento allo schema ed alla formula seguente.



- Verifica tensioni S.L.E.
Deduzione del massimo scorrimento "elastico" a taglio allo S.L.E. sul singolo piolo, nell'ambito delle condizioni M_{max}/M_{min}, V_{max}/V_{min}, e confronto con la portanza del piolo allo S.L.E..
Il criterio di confronto dello scorrimento con la portanza della piolatura è identico a quello visto per la verifica delle tensioni S.L.U. , con ovvia sostituzione delle grandezze.

$$v_{L,Ed}^{SLS}(x) \le \frac{N_i}{l_i}.\{k_s P_{Rd}\}$$

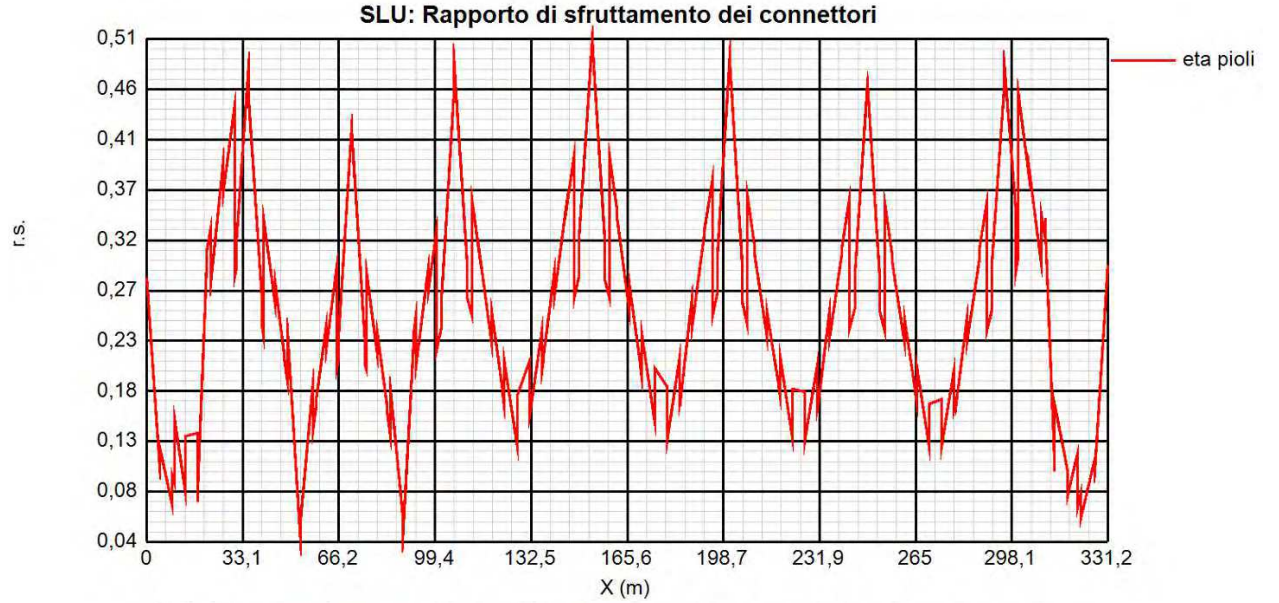
$v_{L,Ed}^{SLS} \le N_i/l_i\ k_s\ P_{Rd}$
- Verifica concentrazione scorrimenti per effetto del ritiro nelle zone di estremità trave
L'ammontare delle azioni di scorrimento per ritiro nelle zone di coda verrà affidato per intero all'armatura di continuità.

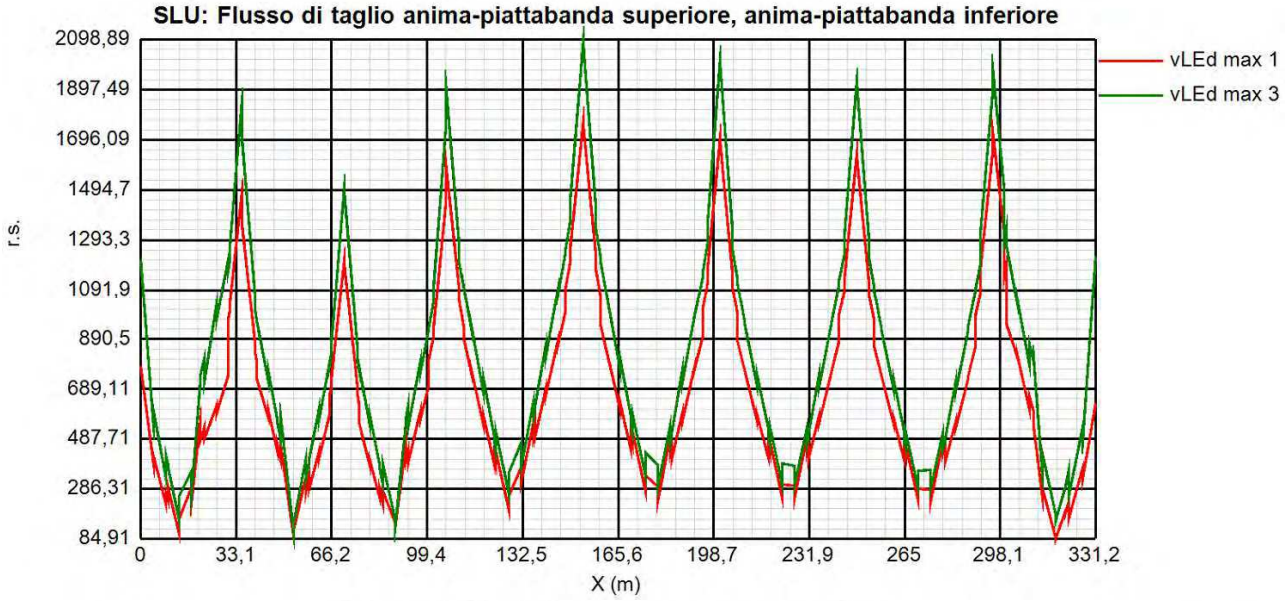
12.4.1 Caratteristiche piolatura

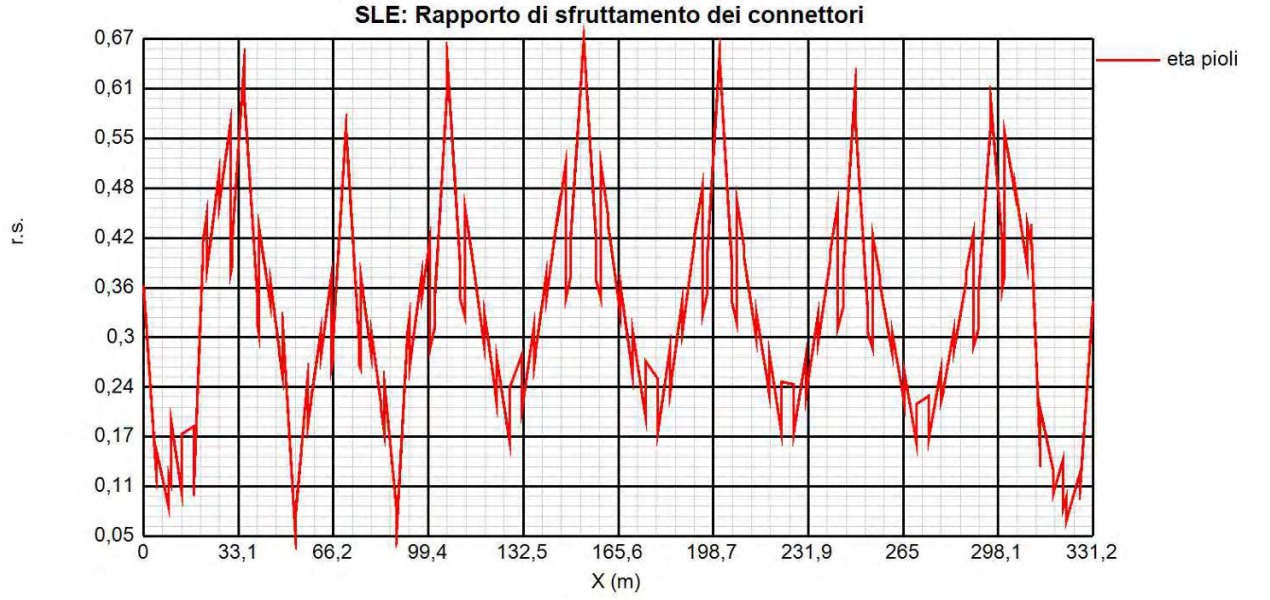
Il sistema di connessione trave/soletta è formato da pioli tipo Nelson elettrosaldati, di diametro ø22 mm ed altezza pari a 200 mm.
Per il singolo piolo, valori di riferimento (cfr. EN 1994-2, 6.6.3.1.(1)) nell'ambito delle verifiche S.L.U. e S.L.E. sono pertanto i seguenti:
$P_{rk,1} = 0.8\, f_u\, \pi\, ø^2/4$ rottura gambo
$P_{rk,2} = 0.29\, \alpha\, ø^2\, (f_{ck}\, E_{cm})^{0.5}$ rottura calcestruzzo
con
f_u = tensione ultima del gambo del piolo
γ_v =coefficiente di sicurezza piolo
f_{ck} = resistenza caratteristica cilindrica del calcestruzzo
$E_{cm=}$ modulo elastico secante del calcestruzzo
$\alpha = 1$
Per i limiti dimensionali da rispettare nel detailing delle piolature si fa riferimento ai contenuti di NTC-18 cap. 4.3.4.3.4/EN 1994-2 cap. 6.6.5.. Di seguito si evidenzia il riferimento specifico a quest'ultimo testo normativo, più puntuale.
Il massimo interasse longitudinale delle piolature dovrà rispettare le seguenti limitazioni (EN1994-2 6.6.5.5(2)):
$e_{max}/t_f \le 22\, \varepsilon$
$e_{max}/t_f \le 22 \cdot 0.81 = 17.9$
La distanza delle file longitudinali di pioli dal bordo dovrà rispettare le seguenti limitazioni (EN1994-2 6.6.5.5(2)):
$e_d/t_f \le 9\, \varepsilon$
$e_d/t_f \le 9 \cdot 0.81 = 7.29$
$e_{d,min} = 25.0$ mm (1994-2 6.6.5.6(2))
La minima distanza misurata tra la parte inferiore della testa del piolo e lo strato inferiore di armatura dovrà essere > 40 mm.
I pioli dovranno rispettare le seguenti limitazioni dimensionali:
$h_p \ge 3d$ EN 1994-2 6.6.5.7.(1) h_p = altezza piolo
$d_t \ge 1.5d$ EN 1994-2 6.6.5.7.(2) d_t = diametro testa
$h_t \ge 0.4d$ EN 1994-2 6.6.5.7.(2) h_t = altezza testa
$d_p \ge 1.5t_{sup}$ EN 1994-2 6.6.5.7.(3) d_p = diam. piolo, t_{sup} = spessore flangia (*)
(*) per piattabande in tensione, soggette a fatica
$d_p \ge 2.5t_{sup}$ EN 1994-2 6.6.5.7.(5) d_p = diam. piolo, t_{sup} = spessore flangia (**)
(**) per tutte le piattabande
$d_p \ge 1.5t_{sup}$ EN 1994-2 6.6.5.7.(3) d_p = diam. piolo, t_{sup} = spessore flangia
L'interasse dei pioli dovrà rispettare le seguenti limitazioni dimensionali (EN1994-2 6.6.5.7.(4)):
$s_{lg} \ge 5\, d_p$ in direzione longitudinale
$s_{tv} \ge 2.5\, d_p$ in direzione trasversale
Nel rispetto delle limitazioni dimensionali esposte, per le tipologie previste di piolatura, la disposizione sulla piattabanda verrà organizzata come segue.

12.4.2 Rapporti di sfruttamento verifica elastica SLU - SLE

Le verifiche vengono effettuate con il programma PontiEC4, su tutti i traversi della struttura.
Il calcolo dello scorrimento nelle varie sezioni di verifica ed il confronto con la piolatura di progetto viene effettuato in automatico dal programma PontiEC4 nell'ambito delle condizioni considerate ($M_{max/min}$ e $V_{max/min}$).
Le verifiche tengono anche conto, secondo i criteri di normativa, del cumulo delle azioni da ritiro sulle zone di estremità (coda trave).
I diagrammi seguenti riportano, oltre alla copertura S.L.U. del flusso di taglio acciaio calcestruzzo, l'andamento del rapporto di sfruttamento dei connettori allo S.L.U., S.L.E. e S.L.F.. I coefficienti di sicurezza sono valutati nei confronti della rottura del piolo, della rottura della piattabanda e della rottura combinata.


SLU: Rapporto di sfruttamento dei connettori
r.s.
0,51
0,46
0,41
0,37
0,32
0,27
0,23
0,18
0,13
0,08
0,04
0
33,1
66,2
99,4
132,5
165,6
198,7
231,9
265
298,1
331,2
X (m)
eta pioli

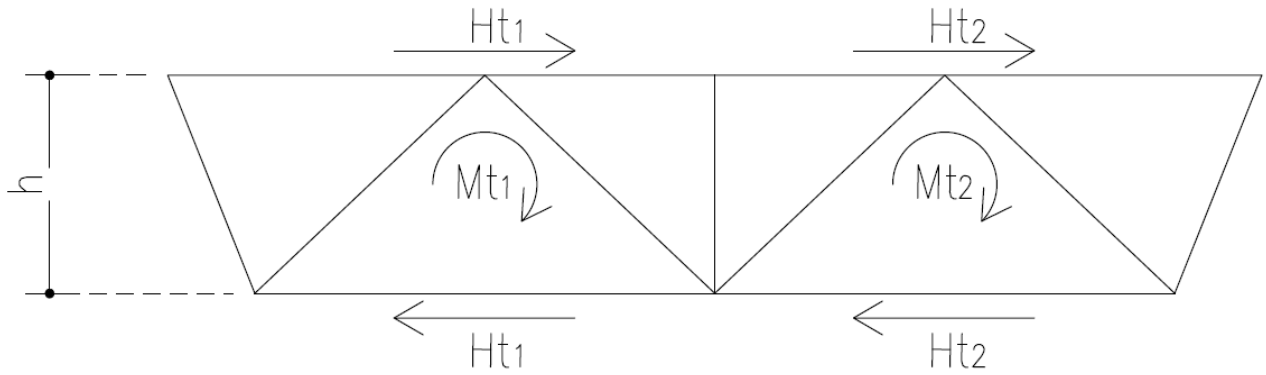

SLU: Flusso di taglio anima-piattabanda superiore, anima-piattabanda inferiore
r.s.
2098,89
1897,49
1696,09
1494,7
1293,3
1091,9
890,5
689,11
487,71
286,31
84,91
0
33,1
66,2
99,4
132,5
165,6
198,7
231,9
265
298,1
331,2
X (m)
vLEd max 1
vLEd max 3


SLE: Rapporto di sfruttamento dei connettori
r.s.
0,67
0,61
0,55
0,48
0,42
0,36
0,3
0,24
0,17
0,11
0,05
0
33,1
66,2
99,4
132,5
165,6
198,7
231,9
265
298,1
331,2
X (m)
eta pioli

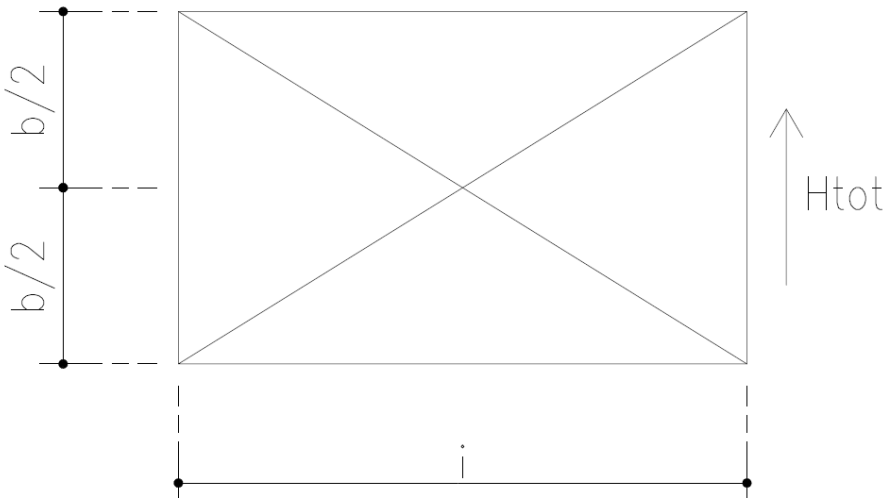
12.5 Verifica controventi inferiori

La controventatura inferiore costituisce, assieme alle anime e alla soletta, la quarta parete della "cellula alla Bredt"; il controvento deve essere in grado di equilibrare gli sforzi torcenti nelle diverse fasi di carico, incluse le azioni taglianti orizzontali indotte dal vento a ponte carico.
Il momento torcente complessivo agente sul singolo cassone si ottiene dalla somma dei momenti torcenti dei tre fili che lo compongono.
Il vento, per le notevoli differenze di rigidezza, viene sostenuto quasi integralmente dalla soletta, ma, a favore di sicurezza, si suppone che l'effetto del vento sia equilibrato per il 50% dai controventi e per il 50% dalla soletta.
Il cassone bicellulare è costituito inferiormente da n.2 campi controventati, pertanto ciascuna controventatura viene verificata per il momento torcente agente sulla corrispondente cellula.

Il taglio da momento torcente risulta quindi:
$H_t = M_t/2\mathrm{h}$
dove:
Mt = Momento torcente sulla cellula
h = altezza del cassone, assunta a favore di sicurezza pari a quella di Fase 1
b = larghezza della cellula, assunta a favore di sicurezza pari a quella minore (corrente inferiore)



L'azione normale di calcolo è data da:
$H_{tot} = H_t + H_{vento}$
dove:
H_{vento} = taglio indotto da vento a ponte carico



L'azione totale così ottenuta viene assorbita dalla soletta superiore mentre inferiormente viene scomposta sui controventi diagonali.

I momenti torcenti, associati alle condizioni di carico elementari, agenti sulla cellula più sollecitata ed ottenuti come somma dei momenti torcenti agenti nelle beam corrispondenti, sono riportati di seguito.

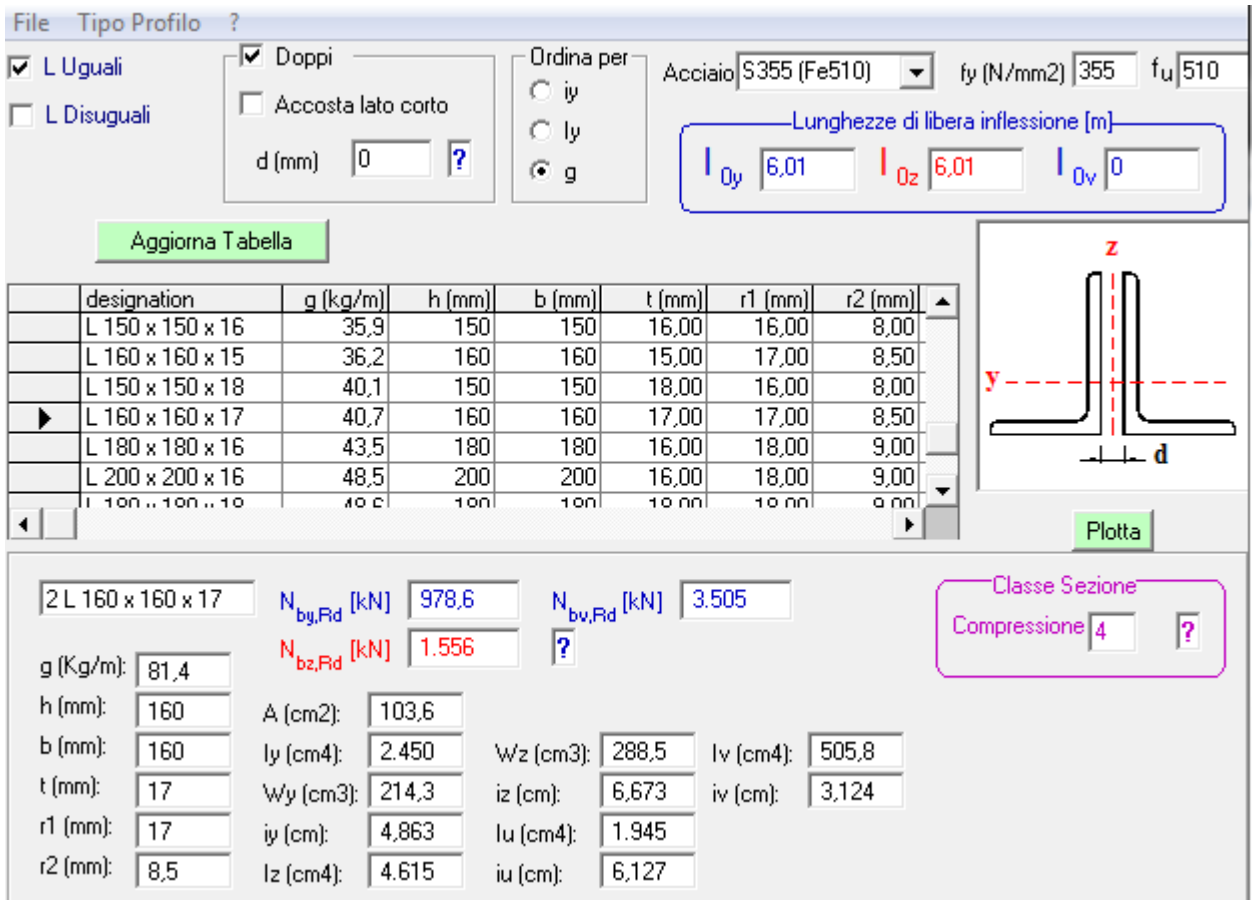
M_T [kNm]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
45	87	129	-395	638	1184	197

Sovrapponendo l'effetto dovuto al carico da vento, l'azione assiale SLU nei controventi è riportata in tabella.

h_{trav} [mm]	2500	Altezza trave metallica		
B_{sup} [mm]	4900	Larghezza superiore cassone		
B_{inf} [mm]	4120	Larghezza inferiore cassone		
i_{diaf} [mm]	4376	Interasse diaframma		
f_x [kN/m]	10,37	Forza orizzontale vento		
h_{tot} [mm]	5850	Altezza investita dal vento a ponte carico		
h [mm]	1950	Altezza di calcolo cassone		
M_{T_SLU} [kNm]	2534	Momento torcente allo SLU		
L_{contrv} [mm]	6010	Lunghezza controventi		
senβ	0,69	(β angolo tra contovento e trave principale)		
N_{contrv_SLU} [kN]	519	Azione assiale allo SLU nei controventi inferiori		

Considerando un profilo costituito da n.2 angolari L160x17, la resistenza a trazione del singolo controvento risulta:
$N_{T,Rd}$ = 10360 mm^2 * 355/1.05 = 3503 kN

Assumendo, a favore di sicurezza, una luce di libera inflessione del controvento pari alla sua lunghezza, la resistenza a compressione risulta pari a 1556 kN.



I controventi risultano pertanto verificati.

12.6 Verifica diaframmi

Il traverso di campata viene analizzato sovrapponendo gli effetti ottenuti dal modello fem globale e quelli ricavati da un'analisi piana locale; in particolare il traverso viene modellato localmente come telaio reticolare piano, soggetto ai carichi permanenti e da traffico, direttamente gravanti sul corrente superiore e computati per uno sviluppo longitudinale pari all'interasse tra i traversi.

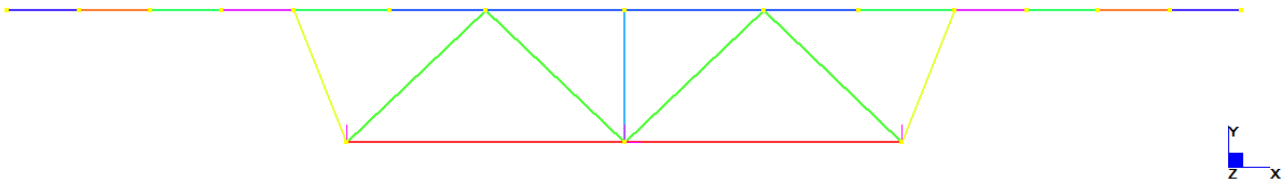


Figura 58 – Modello FEM Traverso di campata – Telaio reticolare

Il telaio viene modellate con elementi beam aventi le proprietà geometriche effettive del corrente superiore ad altezza variabile, dei doppi angolari costituenti diagonali e traverso inferiore, e dei piatti di collegamento alle travi.
Il modello risulta vincolato a terra in corrispondenza degli appoggi trave.

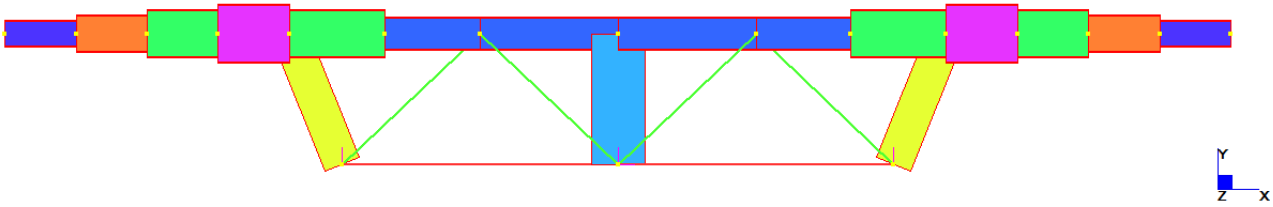


Figura 59 – Modello FEM Traverso di campata – Elementi beam

Il peso proprio della carpenteria è computato nel modello automaticamente mentre i carichi permanenti sono applicati come carichi distribuiti, riferiti all'interasse tra i traversi.

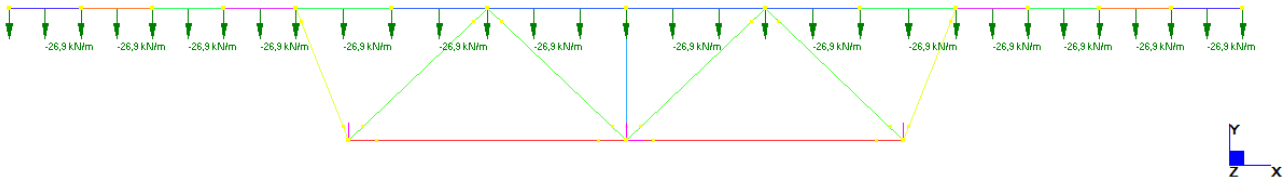


Figura 60 – Modello FEM Traverso di campata – Carico Soletta

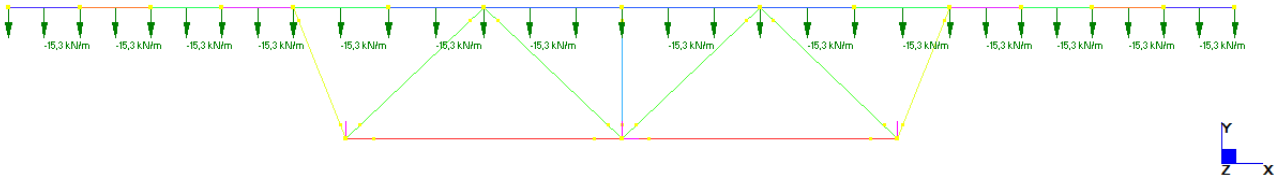
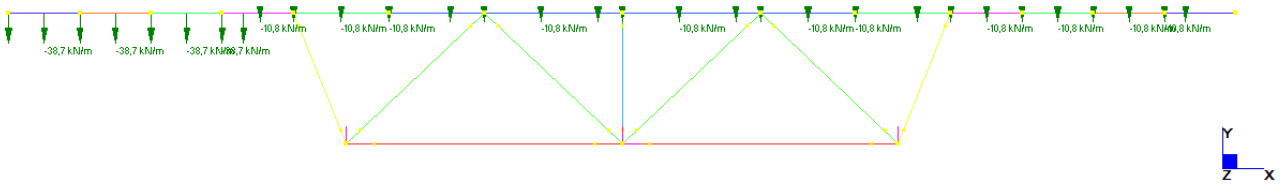


Figura 61 – Modello FEM Traverso di campata – Elementi Permanenti strutturali

I medesimi schemi di carico da traffico considerati nel modello globale sono applicati al telaio piano, diffondendo trasversalmente le impronte dei carichi tandem fino ad una profondità pari a metà altezza della soletta in c.a..



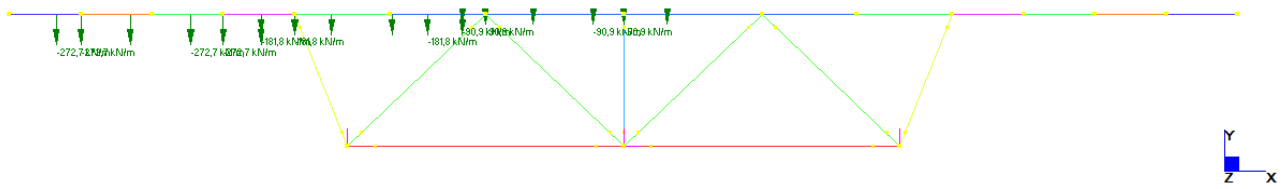


Figura 62 – Modello FEM Traverso di campata – Traffico schema 1

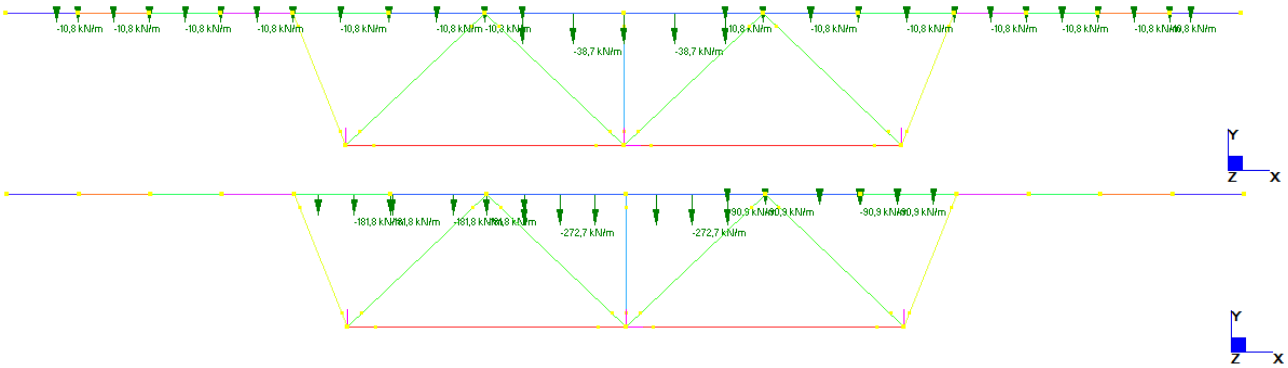


Figura 63 – Modello FEM Traverso di campata – Traffico schema 2

Si riportano di seguito le sollecitazioni flettenti e taglianti nel corrente superiore per le condizioni di carico elementari.

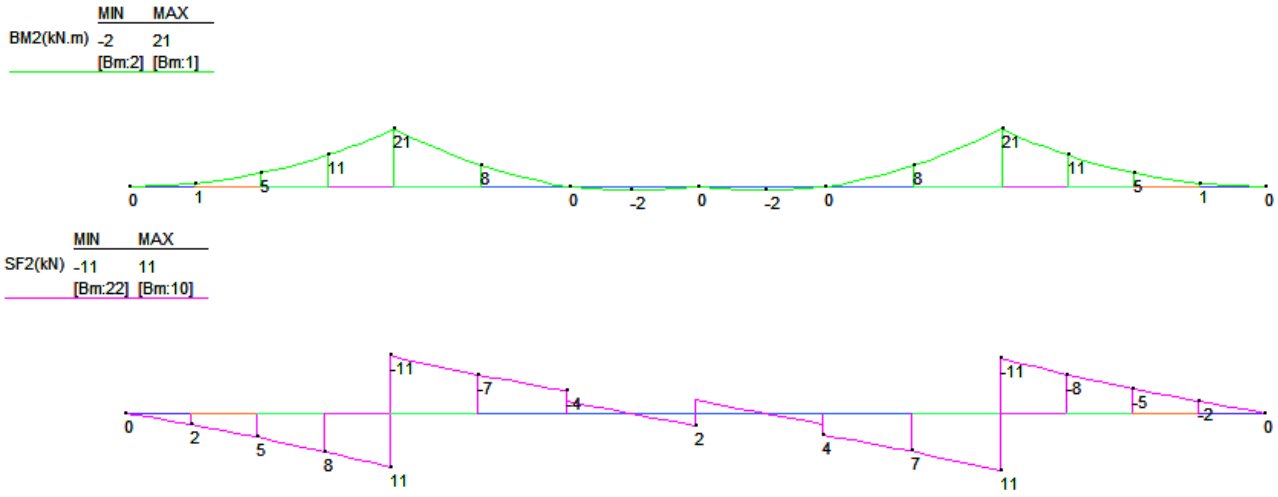
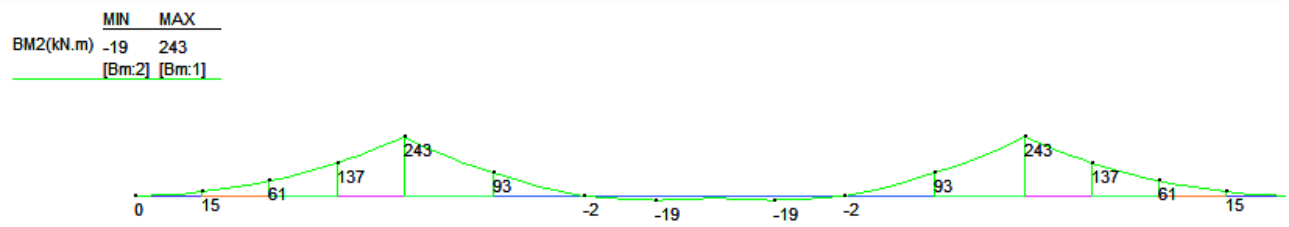


Figura 64 – Modello FEM Traverso di campata – Momento flettente [kNm] e Taglio [kN] – Peso proprio



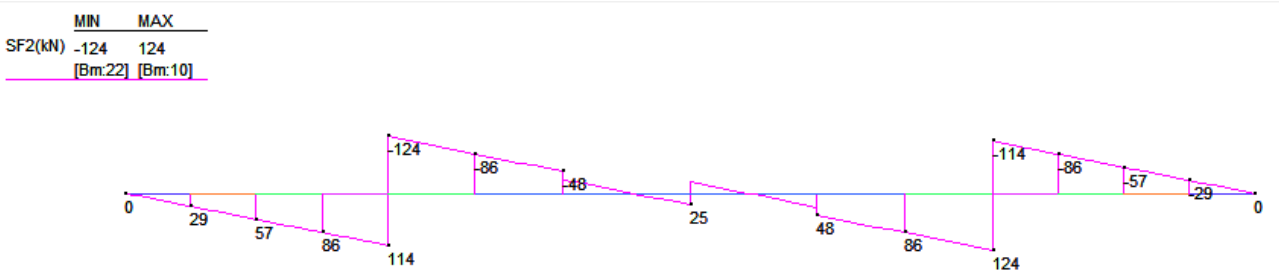


Figura 65 – Modello FEM Traverso di campata – Momento flettente [kNm] e Taglio [kN] – Soletta

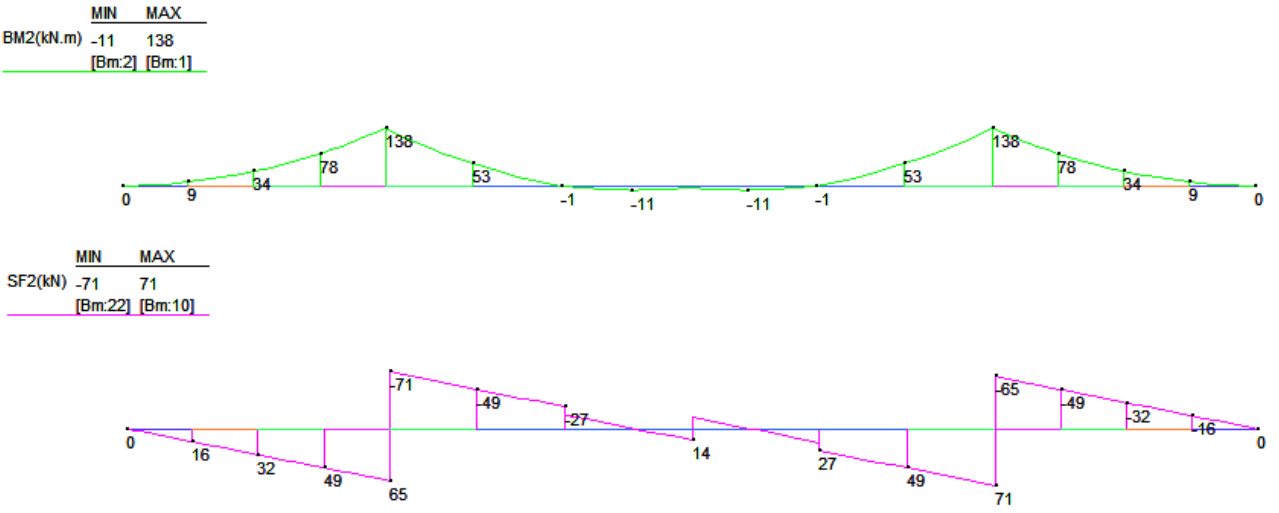


Figura 66 – Modello FEM Traverso di campata – Momento flettente [kNm] e Taglio [kN] – Perm. non strutturale

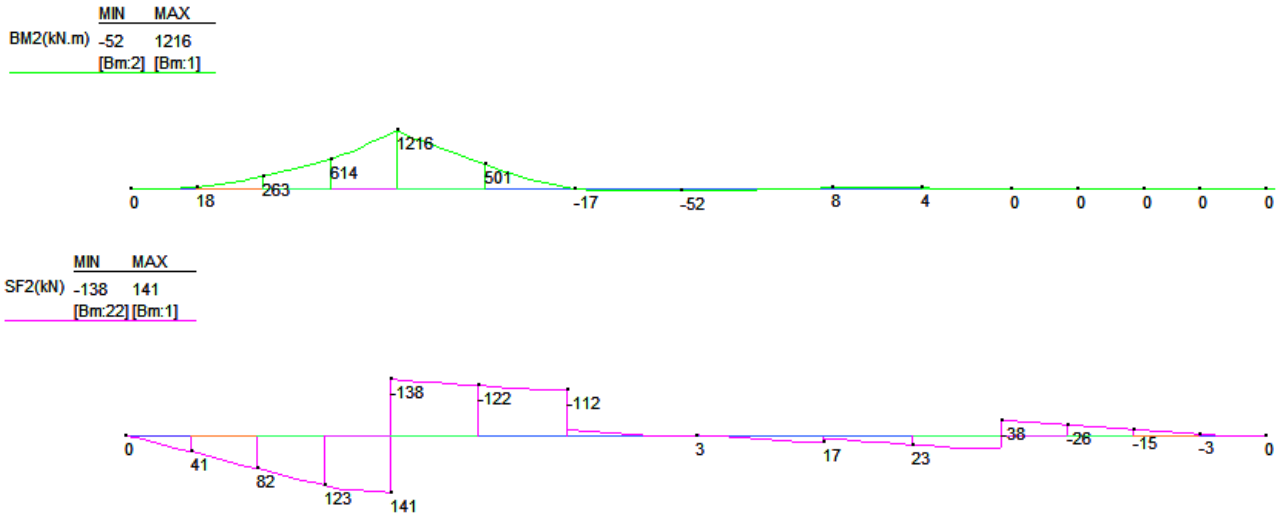
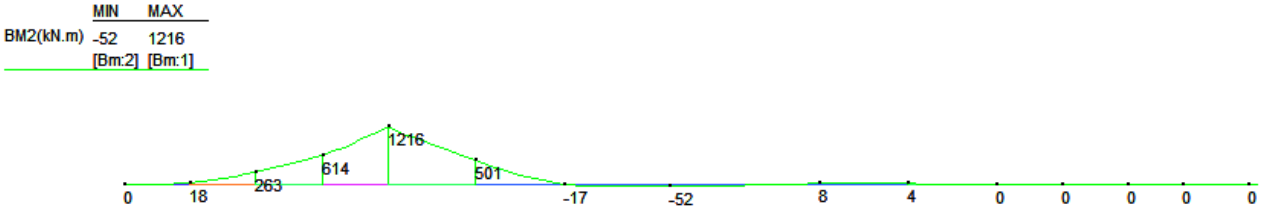


Figura 67 – Modello FEM Traverso di campata – Momento flettente [kNm] – Traffico distribuito 1



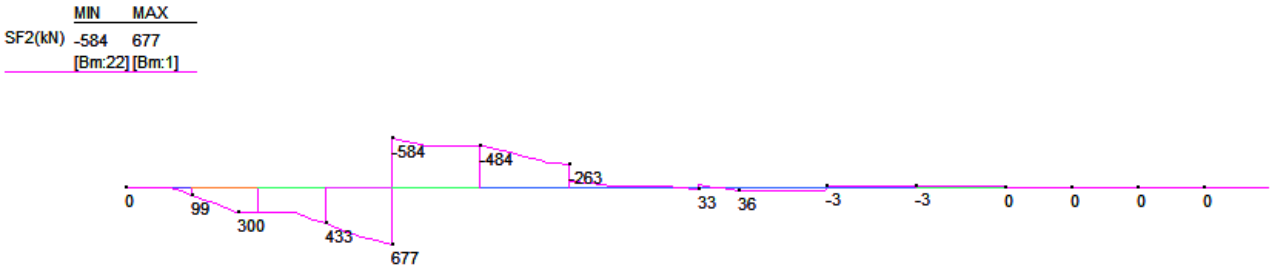


Figura 68 – Modello FEM Traverso di campata – Momento flettente [kNm] e Taglio [kN] – Traffico tandem 1

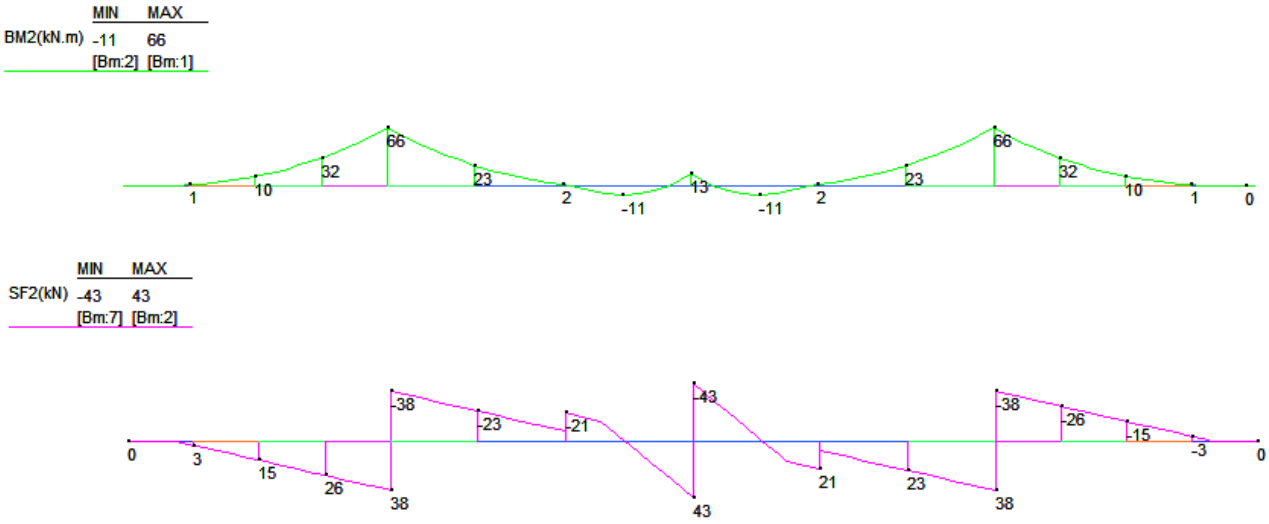


Figura 69 – Modello FEM Traverso di campata – Momento flettente [kNm] – Traffico distribuito 2

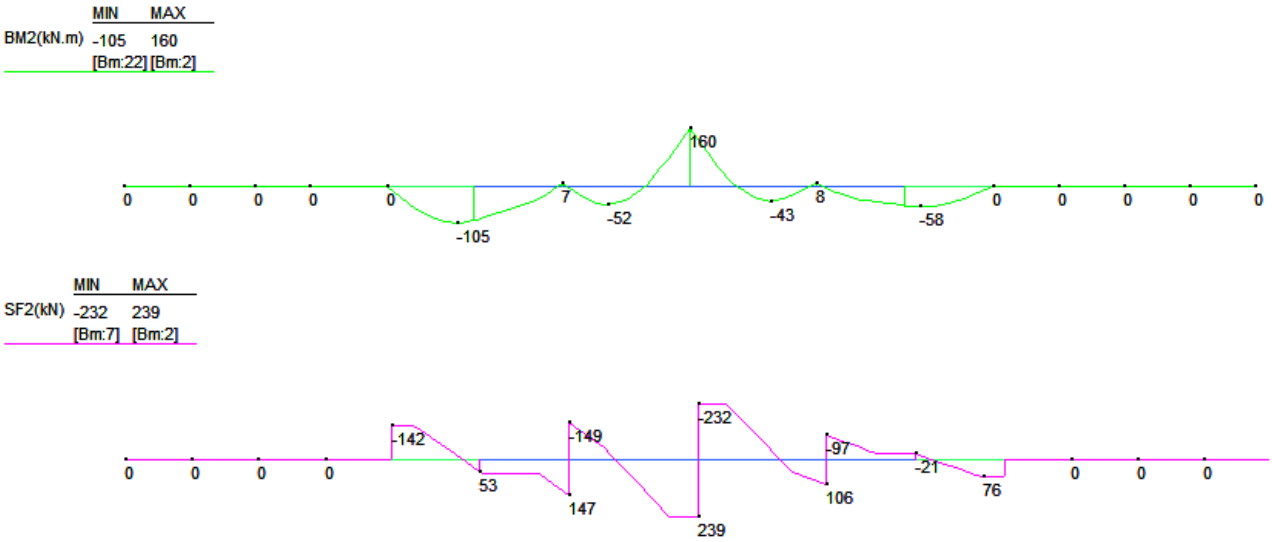


Figura 70 – Modello FEM Traverso di campata – Momento flettente [kNm] e Taglio [kN] – Traffico tandem 2

Le sollecitazioni più severe nel corrente superiore sono riassunte di seguito.

M [kNm]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
21	243	138	-	340	1216	-
V [kN]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
11	124	71	-	138	584	-

Come mostrato di seguito le verifiche di resistenza risultano soddisfatte.

M_{SLU} [kNm]	2664	Momento flettente allo SLU
V_{SLU} [kN]	1263	Taglio allo SLU
M_{Rd} [kNm]	3190	Momento flettente resistente
V_{Rd} [kN]	3123	Taglio resistente

Si riportano di seguito le azioni assiali nel corrente inferiore e nei diagonali per le condizioni di carico elementari

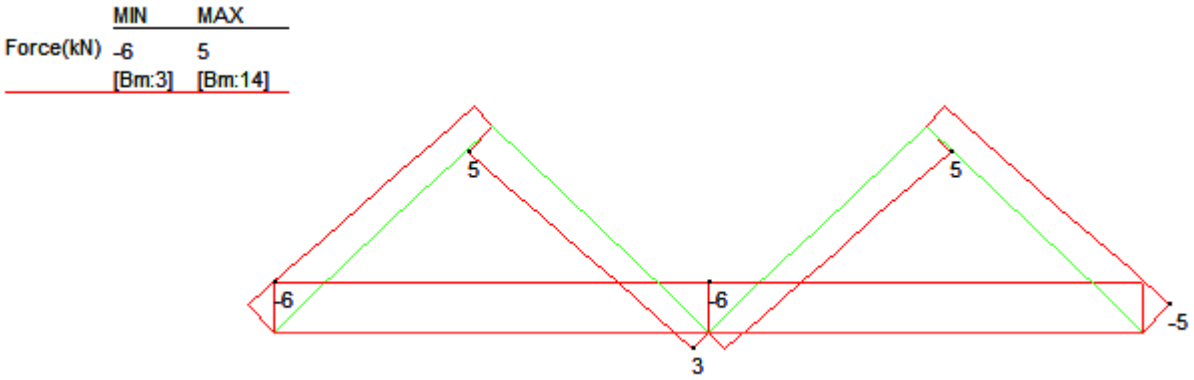


Figura 71 – Modello FEM Traverso di campata – Azione assiale [kN] – Peso proprio

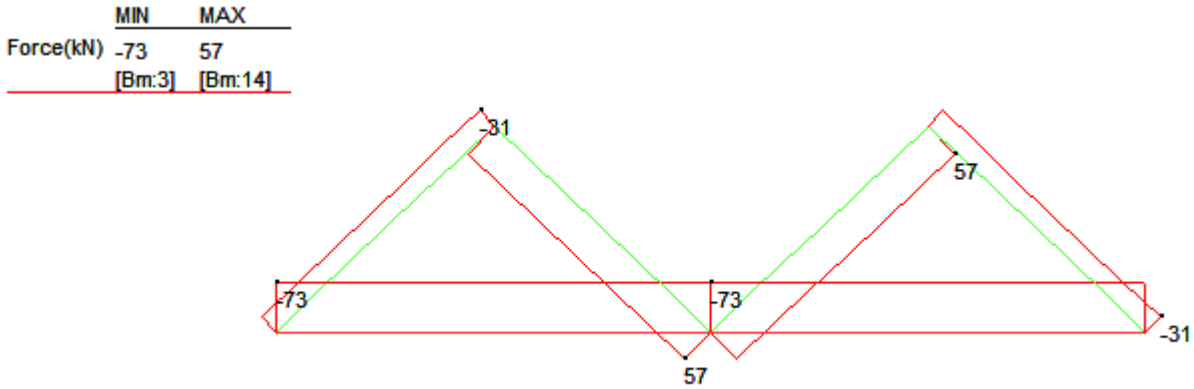


Figura 72 – Modello FEM Traverso di campata – Azione assiale [kN] – Soletta

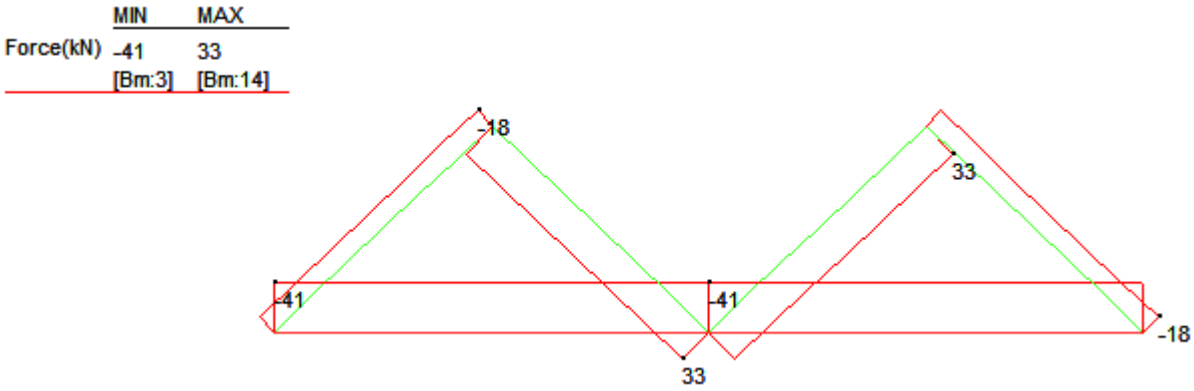


Figura 73 – Modello FEM Traverso di campata – Azione assiale [kN] – Perm. non strutturale

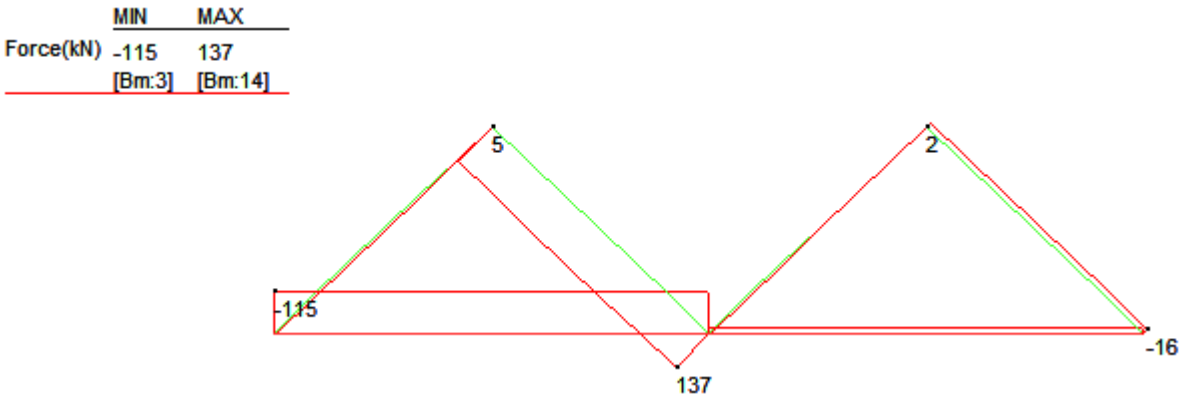


Figura 74 – Modello FEM Traverso di campata – Momento flettente [kNm] – Traffico distribuito 1

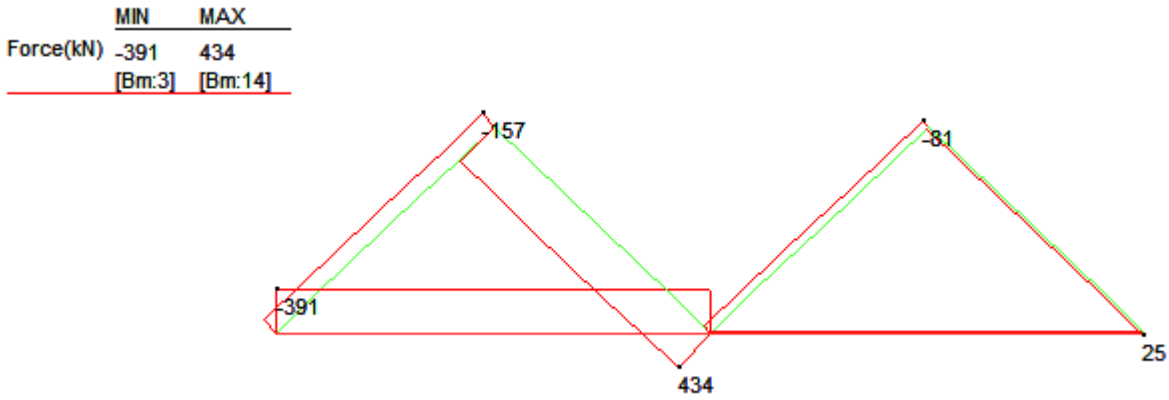


Figura 75 – Modello FEM Traverso di campata – Azione assiale [kN] – Traffico tandem 1

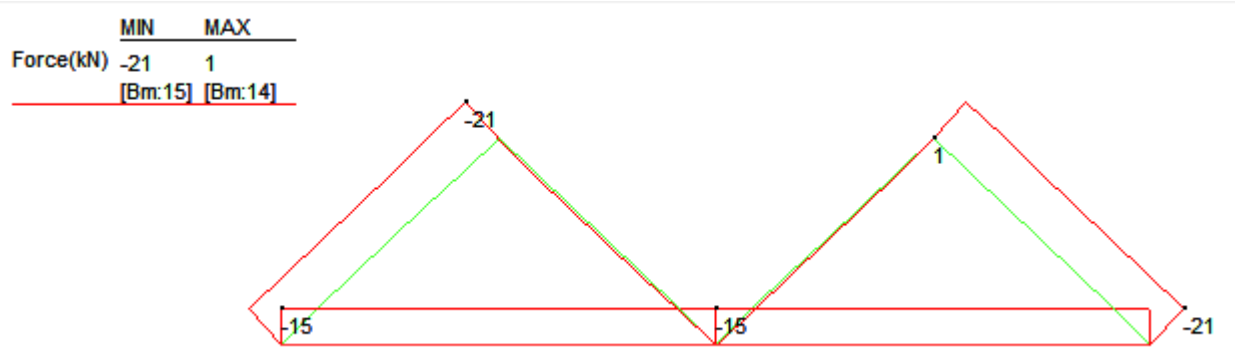


Figura 76 – Modello FEM Traverso di campata – Momento flettente [kNm] – Traffico distribuito 2

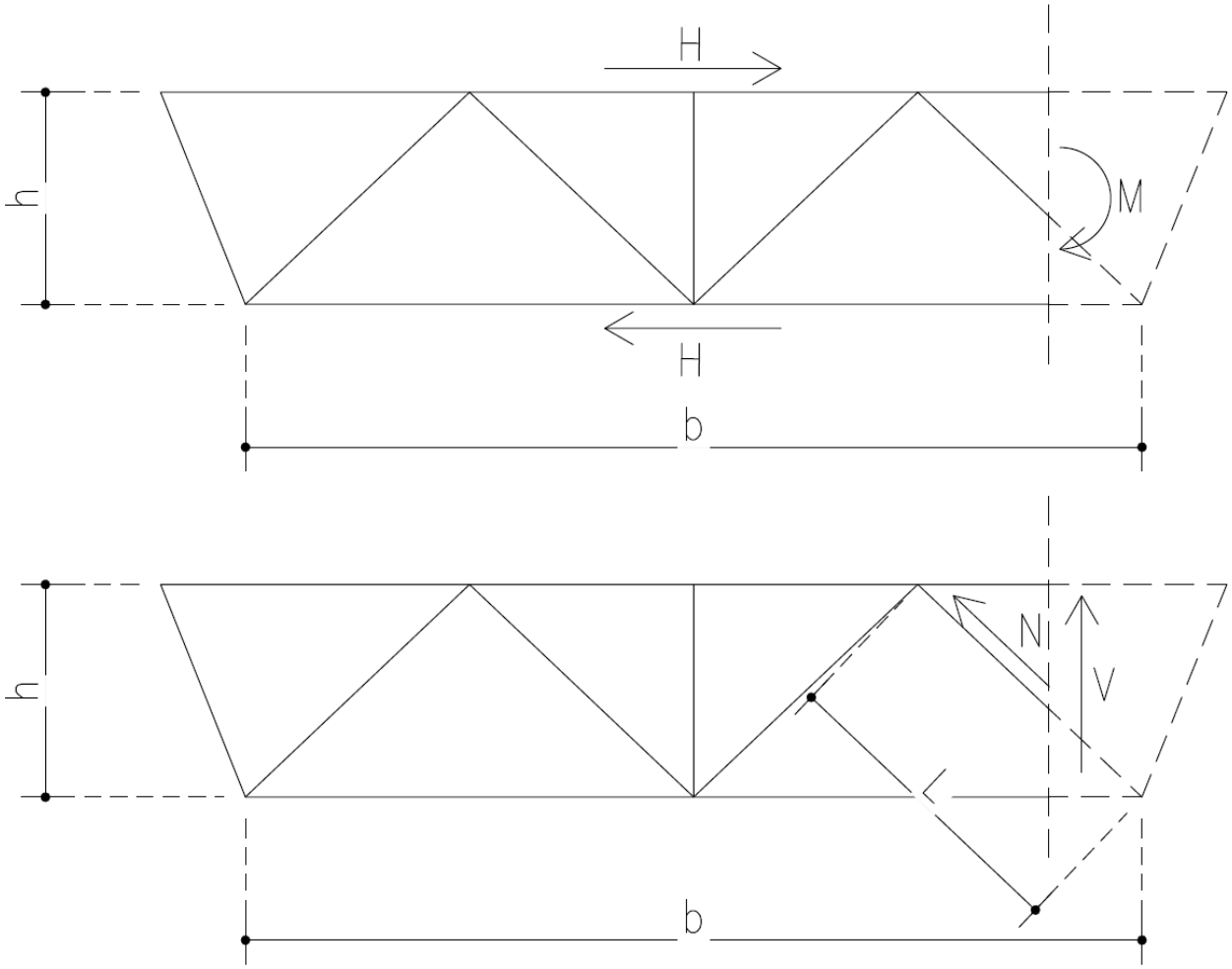
Figura 77 – Modello FEM Traverso di campata – Azione assiale [kN] – Traffico tandem 2

Le azione assiali più severe, associate alle condizioni di carico elementari, sono riportati di seguito per il corrente inferiore e il diagonale.

N_{brig} [kN]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
6	73	41	-	115	391	-
N_{diag} [kN]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
5	31	18	-	21	202	-

Le azioni assiali ottenute dall'analisi locale a telaio in diagonali e corrente inferiore, vengono sommate a quelle dovute alle azioni flettenti e taglianti ricavate dalla modellazione globale e indotte dalle deformazione delle travi, caricate in sommità da risultanti di carico.

Il momento flettente che sollecita il traverso, ottenuto dal modello globale, viene scomposto in una coppia di forze agenti nelle briglie, mentre il taglio viene assorbito dai diagonali.



$H = M/\mathrm{h}$
$N = V \cdot L/\mathrm{h}$
dove:
h = altezza del cassone
L = lunghezza diagonali

Nel diaframma di campata le sollecitazioni flettenti e di taglio più severe, associati alle condizioni di carico elementari, sono riportati di seguito.

M [kNm]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
7	14	18	34	157	434	17

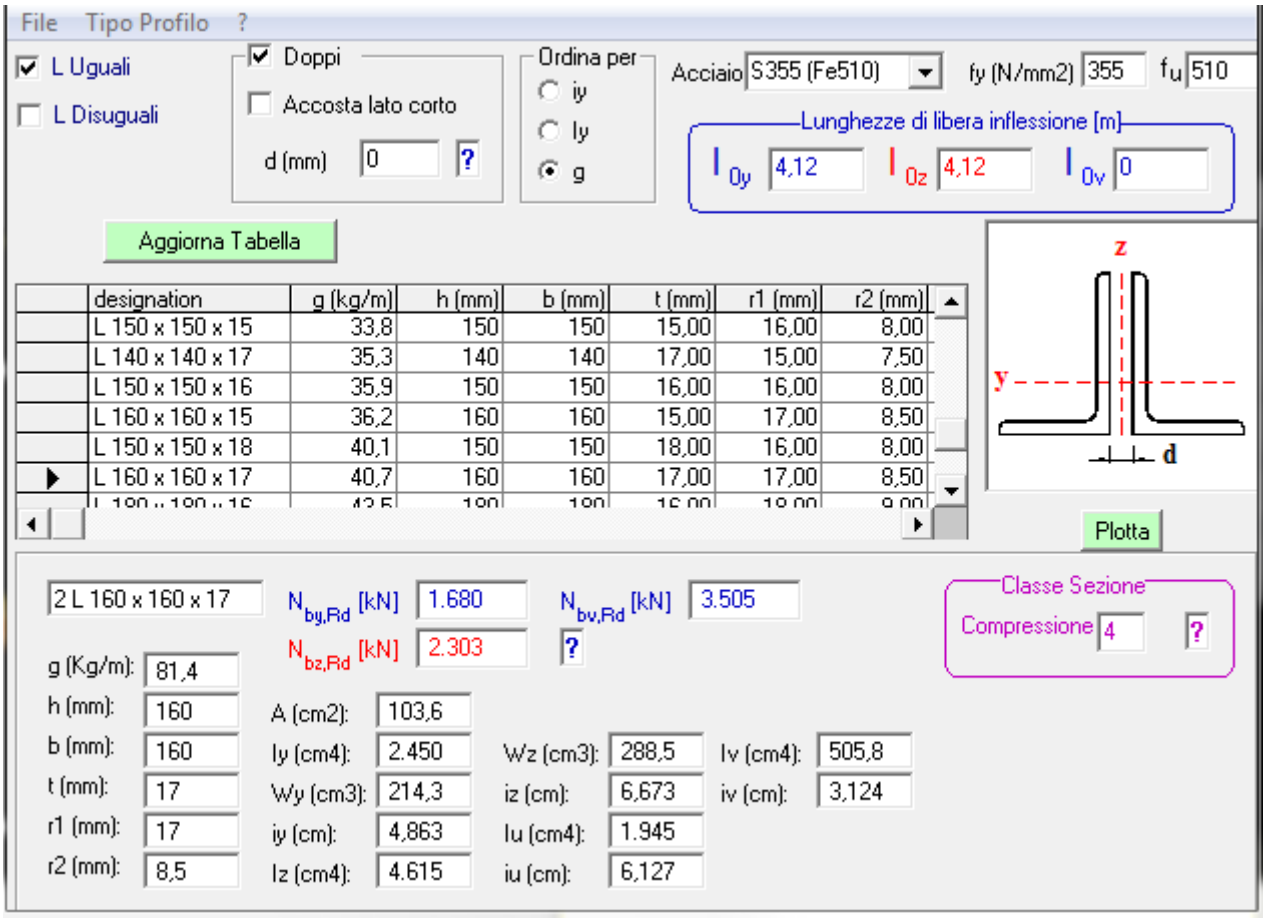
V [kN]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
21	16	6	22	44	139	12

Sovrapponendo l'effetto dovuto al carico da vento e l'azione assiale ricavata in precedenza dall'analisi locale, le azione assiali SLU nella briglia superiore e nei diagonali sono riportate in tabella.

h_{trav} [mm]	2500	Altezza trave metallica	
L [mm]	2837	Lunghezza diagonale	
B_{inf} [mm]	8240	Larghezza inferiore cassone	
i_{diaf} [mm]	4376	Interasse diaframma	
h [mm]	1950	Altezza di calcolo cassone	
f_x [kN/m]	10,37	Forza orizzontale vento	
h_{tot} [mm]	5850	Altezza investita dal vento a ponte carico	
M_{SLU} [kNm]	909,3	Momento flettente allo SLU	
V_{SLU} [kN]	343,2	Taglio allo SLU	
senϑ	0,69	(ϑ angolo tra diagonale e briglia)	
N_{brig_SLU} [kN]	1379	Azione assiale allo SLU nelle briglie	
N_{diag_SLU} [kN]	897	Azione assiale allo SLU nel diagonale	

Considerando un profilo costituito da n.2 angolari L160x17, la resistenza a trazione della singola briglia risulta:
$N_{T,Rd}$ = 10360 mm^2 * 355/1.05 = 3503 kN

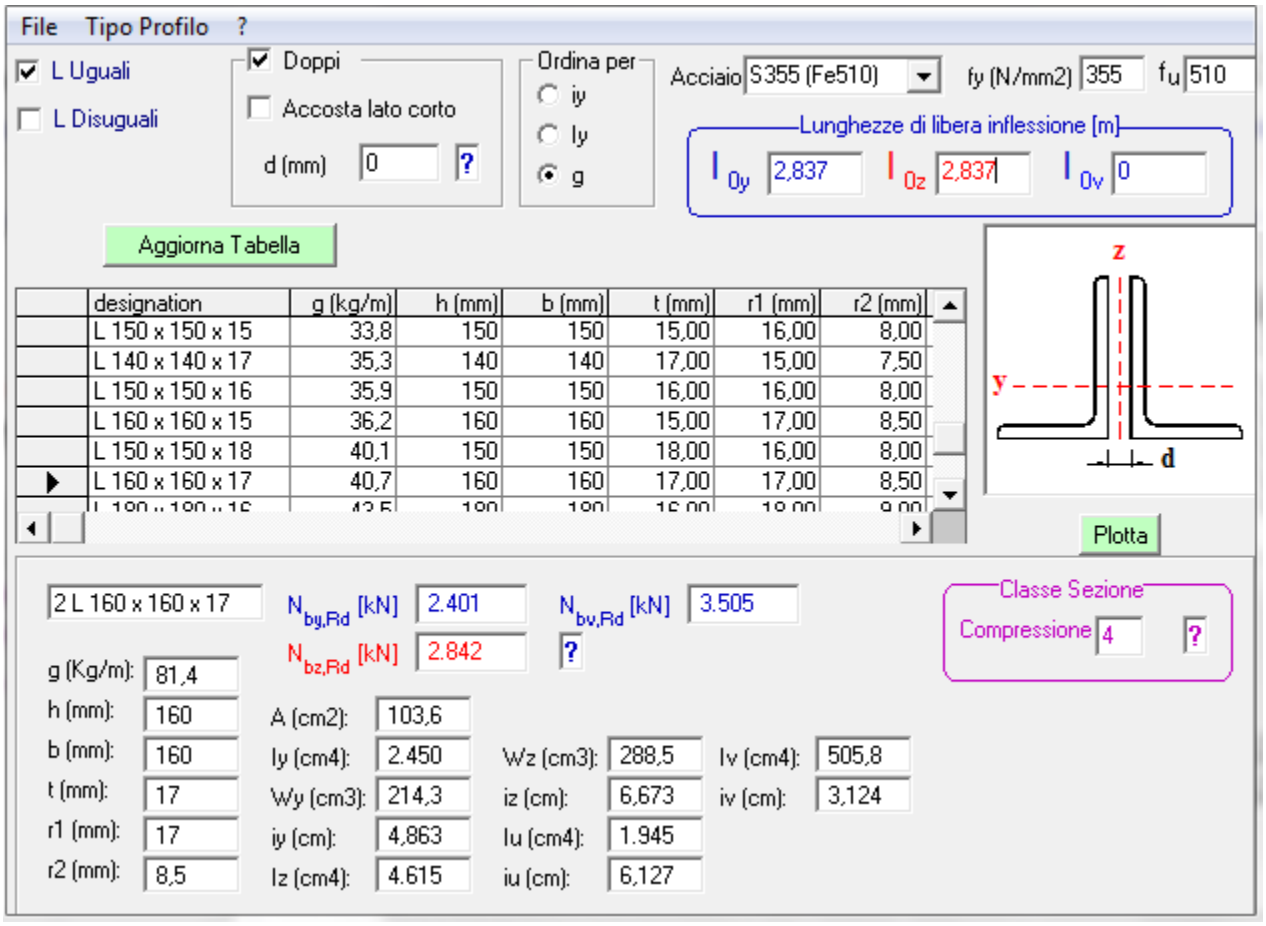
Assumendo, a favore di sicurezza, una luce di libera inflessione della briglia inferiore pari alla sua lunghezza teorica, la resistenza a compressione risulta pari a 1680 kN.



Le briglie risultano pertanto verificate.

Considerando un profilo costituito da n.2 angolari L160x17, la resistenza a trazione del singolo diagonale risulta:
$N_{T,Rd}$ = 10360 mm^2 * 355/1.05 = 3503 kN

Assumendo, a favore di sicurezza, una luce di libera inflessione del diagonale pari alla sua lunghezza teorica, la resistenza a compressione risulta pari a 2401 kN.



I diagonali risultano pertanto verificati.

Nel diaframma di appoggio le sollecitazioni flettenti più severe, ricavate dal modello globale e associate alle condizioni di carico elementari, sono riportati di seguito.

M [kNm]							
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica	Vento
1387	2737	1201	-268	2176	1069	138	1299

Analogamente a quanto descritto per il traverso di campata, le sollecitazioni del modello globale vengono sovrapposte a quelle ricavate da un'analisi locale piana, nella quale i carichi risultano applicati direttamente sul traverso, come distribuiti, e computati per uno sviluppo longitudinale pari all'interasse tra i traversi.
Il traverso viene modellato come trave continua, vincolata a terra in corrispondenza degli appoggi di trave.

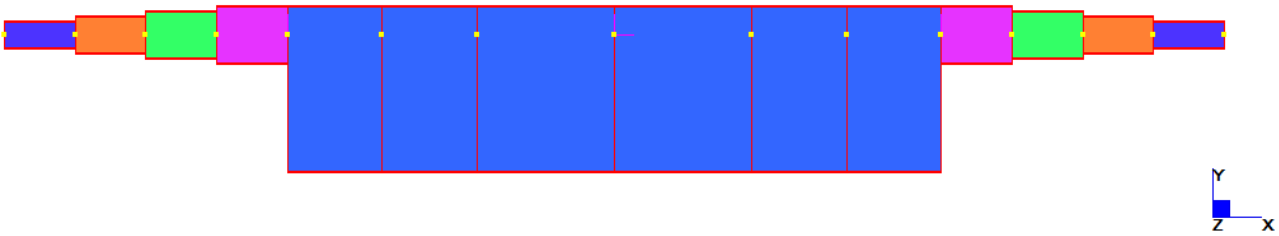


Figura 78 – Modello FEM Traverso di appoggio – Elementi beam

Il peso proprio della carpenteria è computato nel modello automaticamente mentre i carichi permanenti sono applicati come carichi distribuiti, riferiti all'interasse tra i traversi.

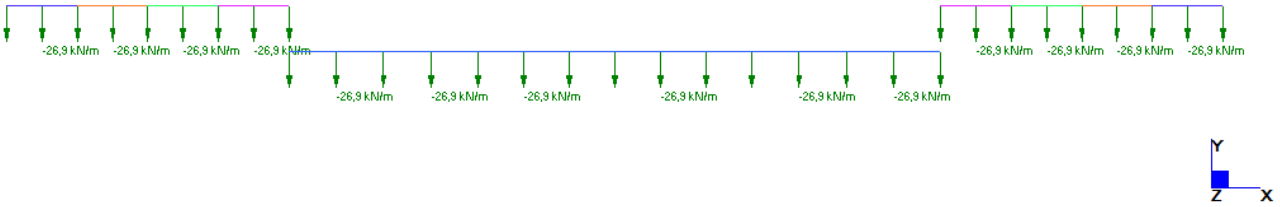


Figura 79 – Modello FEM Traverso di appoggio – Carico Soletta

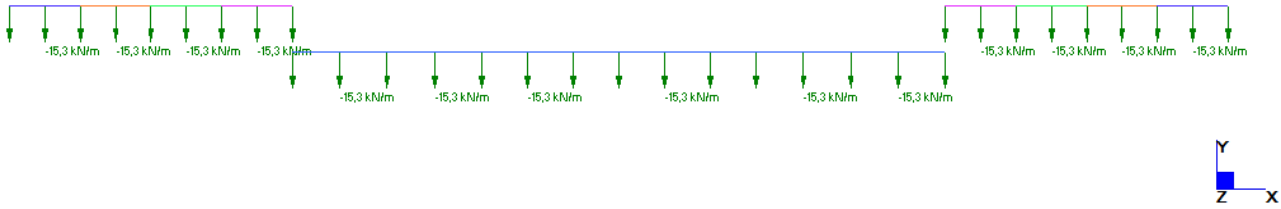
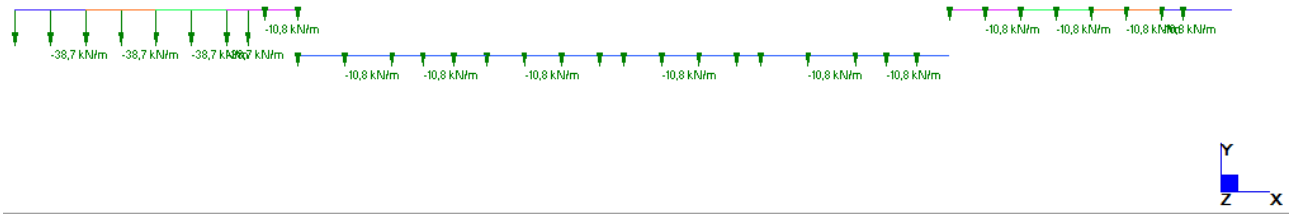


Figura 80 – Modello FEM Traverso di appoggio – Elementi Permanenti strutturali

I medesimi schemi di carico da traffico considerati nel modello globale sono applicati al telaio piano, diffondendo trasversalmente le impronte dei carichi tandem fino ad una profondità pari a metà altezza della soletta in c.a..



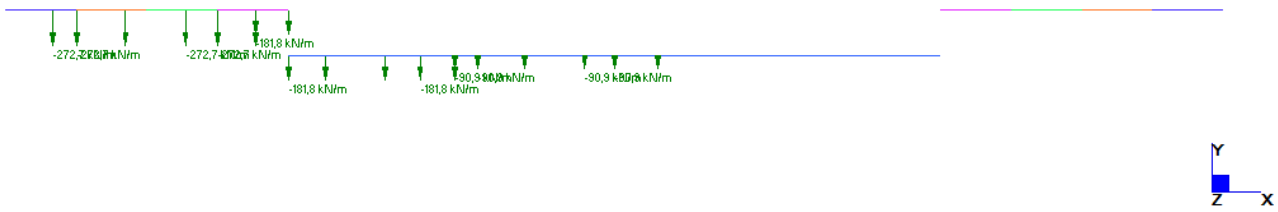


Figura 81 – Modello FEM Traverso di appoggio – Traffico schema 1

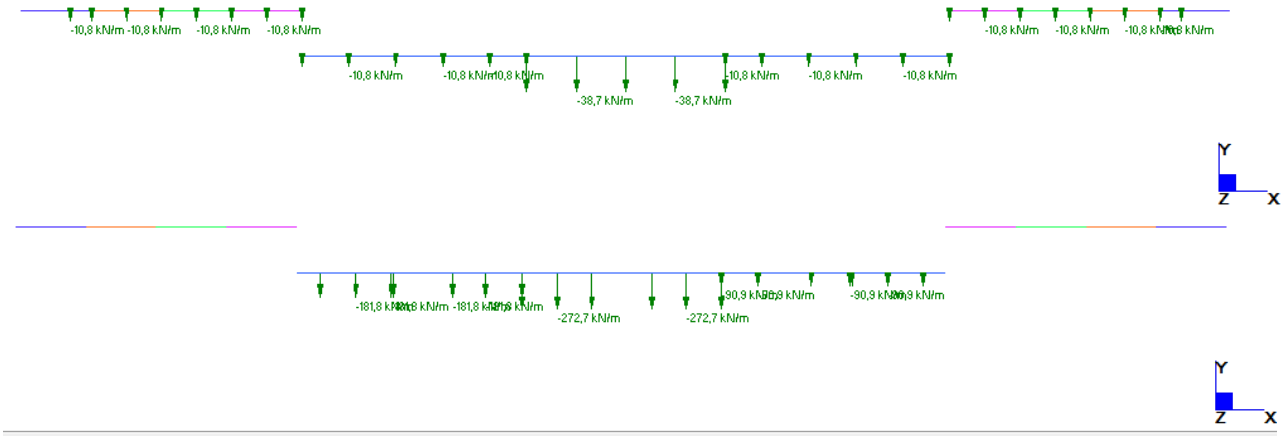


Figura 82 – Modello FEM Traverso di appoggio – Traffico schema 2

Si riportano di seguito le sollecitazioni flettenti per le condizioni di carico elementari.

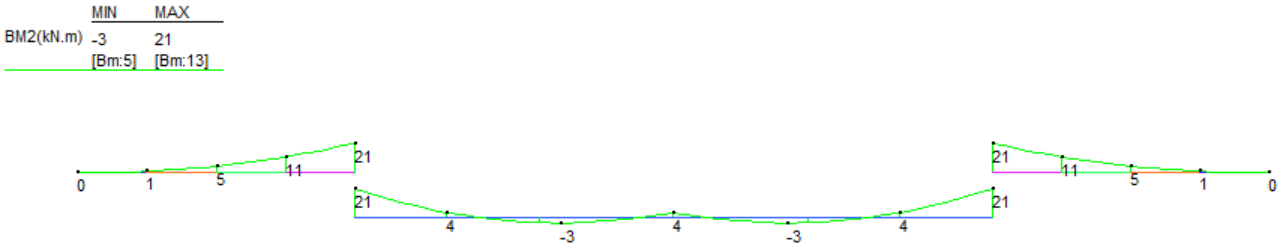


Figura 83 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Peso proprio

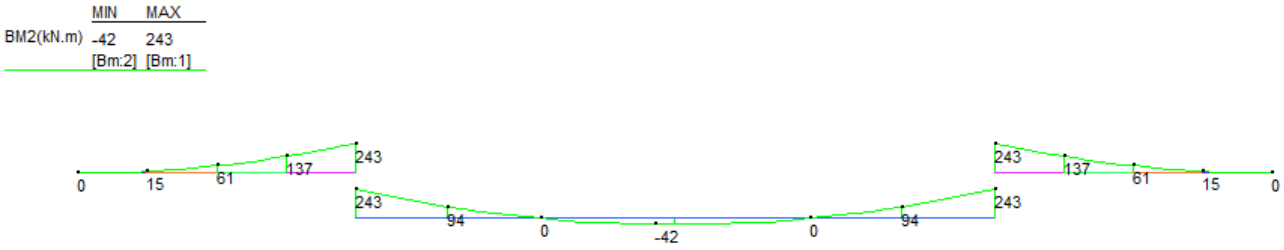


Figura 84 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Soletta

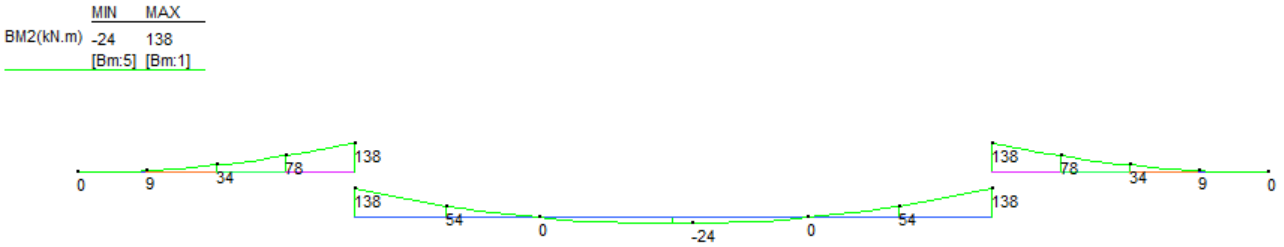


Figura 85 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Perm. non strutturale

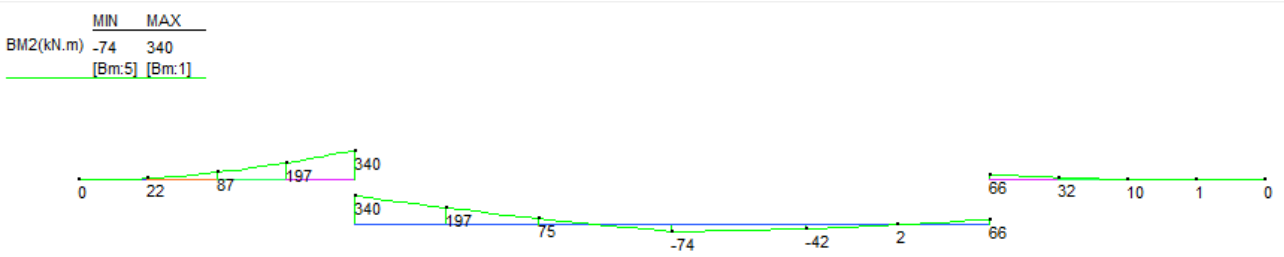


Figura 86 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Traffico distribuito 1

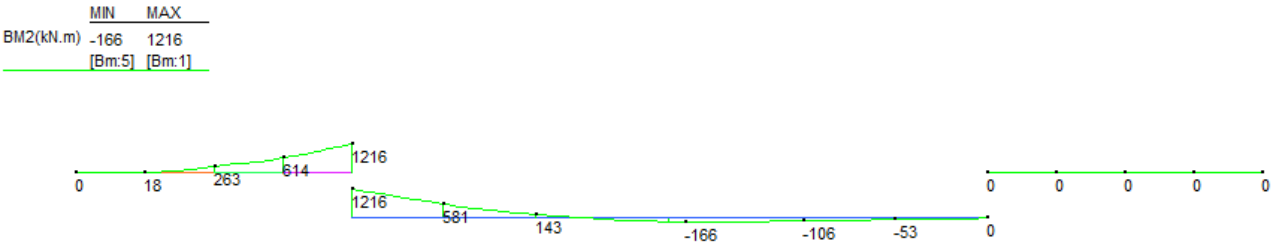


Figura 87 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Traffico tandem 1

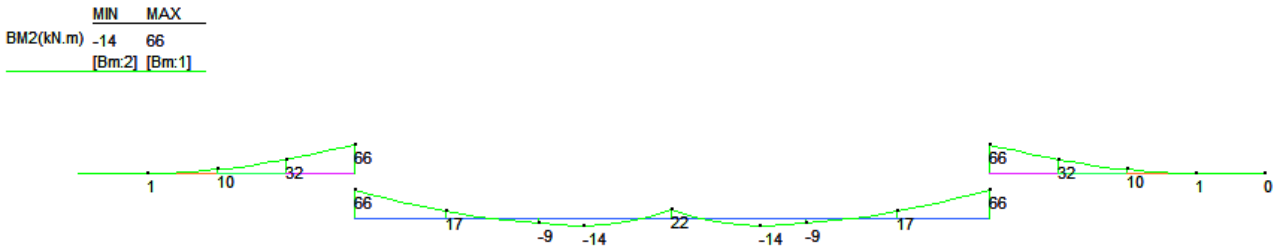


Figura 88 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Traffico distribuito 2

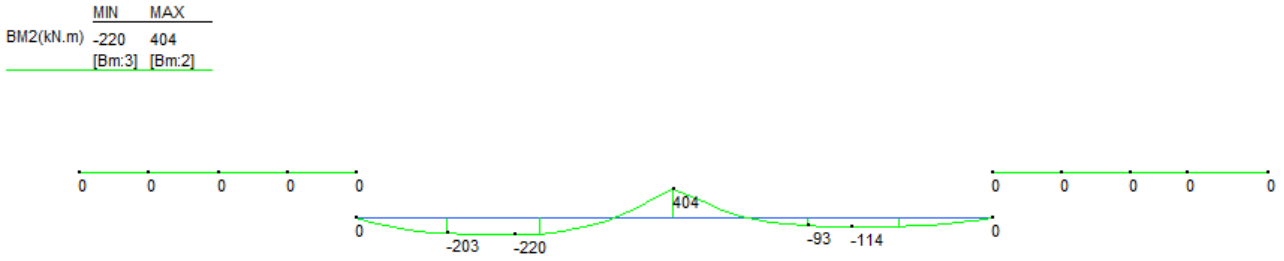


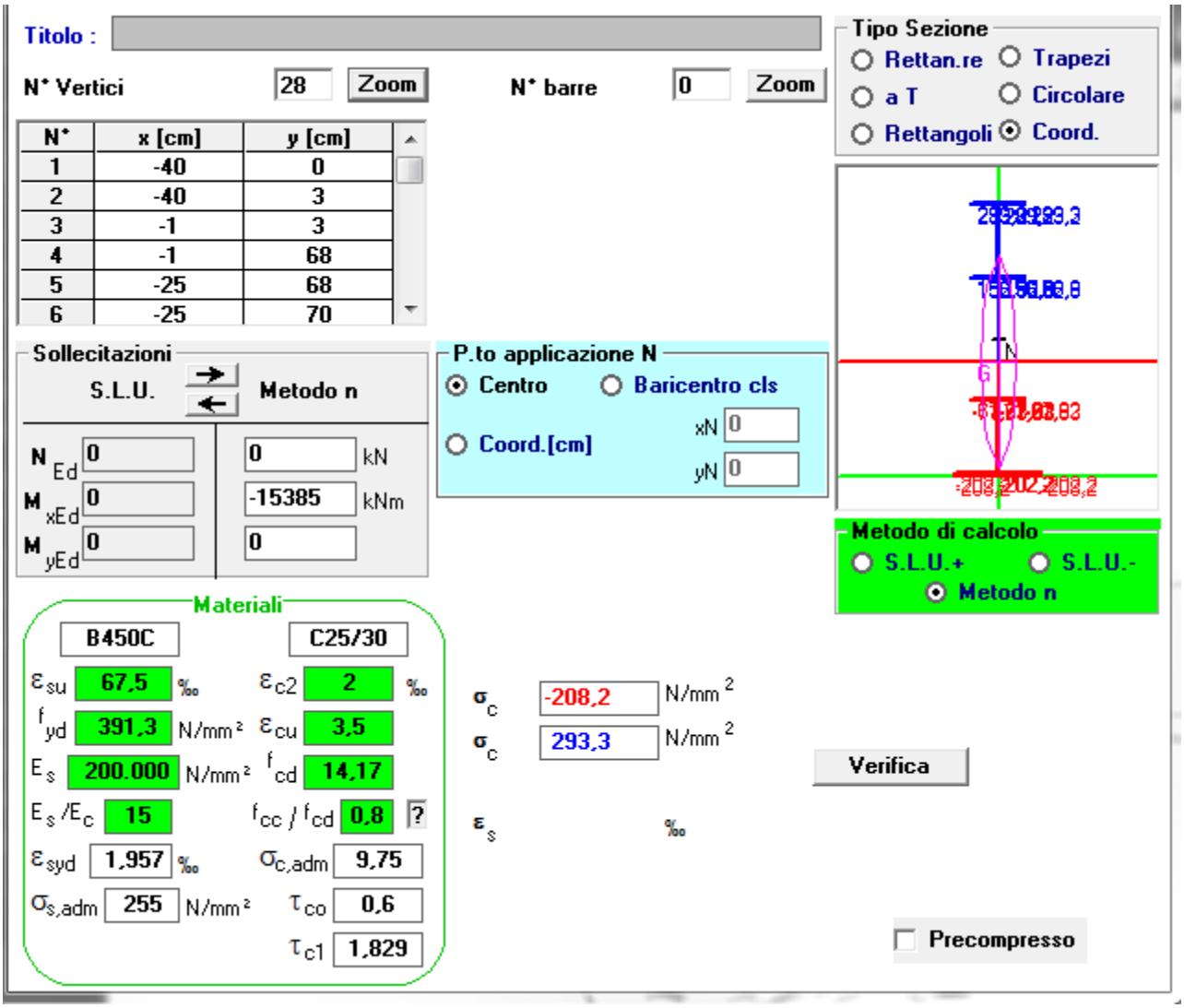
Figura 89 – Modello FEM Traverso di appoggio – Momento flettente [kNm] – Traffico tandem 2

Le sollecitazioni più severe sono riassunte di seguito.

M [kNm]						
p.p	Soletta	Perm. non strutturali	Ritiro	Traffico distribuito	Traffico tandem	Termica
21	243	138	-	340	1216	-

Sovrapponendo le sollecitazioni ottenute dalle analisi globale e locale, il momento di progetto allo SLU risulta:
M_{SLU} = 15385 kNm

Considerando a favore di sicurezza la sola sezione in acciaio del traverso, trascurando quindi la collaborazione della soletta in c.a., questa allo SLU risulta soggetta a tensioni inferiori alla resistenza di progetto.



La verifica risulta pertanto soddisfatta

13 VERIFICHE DI DEFORMABILITA'

Riguardo la deformabilità si provvede a controllare che le frecce per i carichi mobili, terza fase, siano contenute entro i limiti di L/700, limite imposto su sede ferroviaria.
Si riporta di seguito l'inviluppo degli spostamenti verticali dovuti ai carichi caratteristici da traffico, desunti dal modello FEM Fase 3 per la trave maggiormente inflessa.

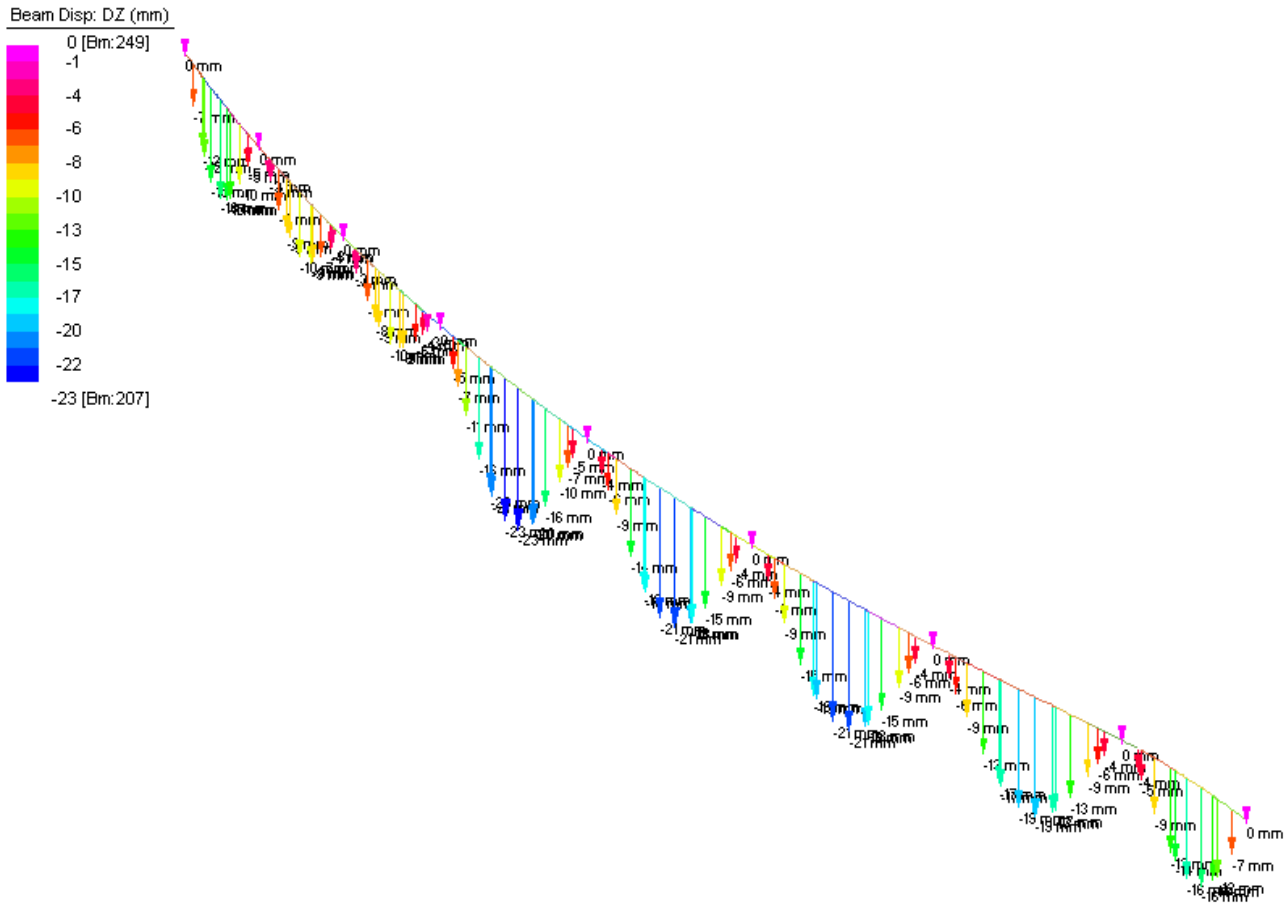


Figura 90 – Modello FEM Fase 3 – Env. min spostamenti verticali da carichi mobili

La limitazione sulla freccia massima risulta soddisfatta per tutte le campate:
- campata 1: δ_{max} = 16 mm < 50 mm (L_1/700 = 35000 mm / 700)
- campata 2: δ_{max} = 10 mm < 50 mm (L_2/700 = 35000 mm / 700)
- campata 3: δ_{max} = 10 mm < 50 mm (L_3/700 = 35000 mm / 700)
- campata 4: δ_{max} = 23 mm < 67 mm (L_4/700 = 47000 mm / 700)
- campata 5: δ_{max} = 21 mm < 67 mm (L_5/700 = 47000 mm / 700)
- campata 6: δ_{max} = 21 mm < 67mm (L_6/700 = 47000 mm / 700)
- campata 7: δ_{max} = 19 mm < 67 mm (L_7/700 = 47000 mm / 700)
- campata 8: δ_{max} = 16 mm < 50 mm (L_4/700 = 35000 mm / 700)

14 CONTROMONTA DI MONTAGGIO

La contromonta da applicare ad ogni concio di trave in fase di montaggio, viene valutata sulla base delle deformate elastiche ricavate dal modello di Fase 1 (peso proprio delle carpenterie metalliche e della soletta in c.a.) e dal modello di Fase 2 (permanenti non strutturali).
Nella figure seguenti sono diagrammati gli spostamenti verticali nei nodi d'estremità di ciascun concio in Fase 1e Fase 2.

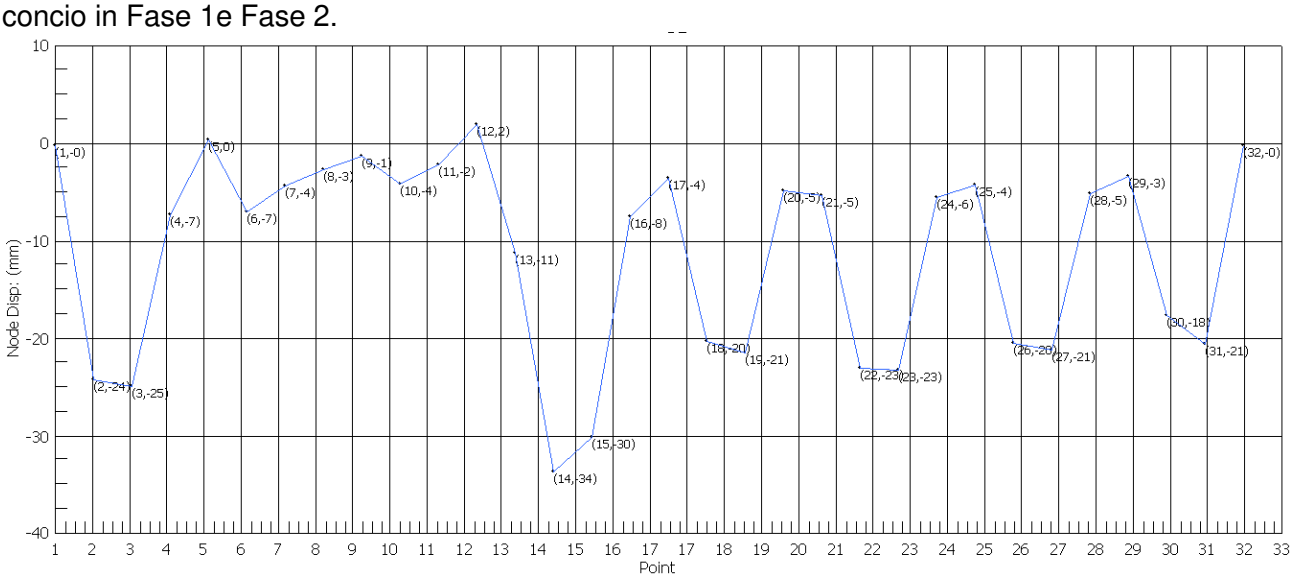


Figura 91 – Modello FEM Fase 1 – Spostamenti verticali nodali

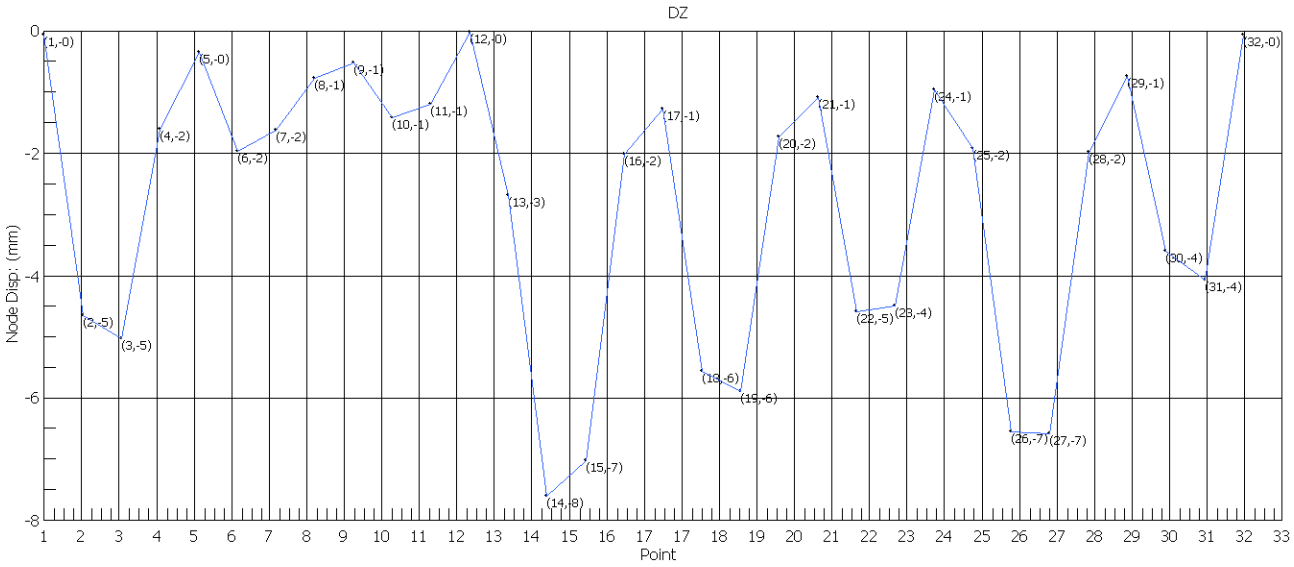


Figura 92 – Modello FEM Fase 2 – Spostamenti verticali nodali

I suddetti spostamenti nodali sono sommati nella tabella seguente.

	DZ [mm]																															
	C1		C2		C3		C4		C5		C6		C7		C8		C9		C10		C11		C12		C13		C14		C15		C16	
Fase 1	0	24	24	25	25	7	7	0	0	4	4	7	7	3	3	1	1	4	4	2	2	-2	-2	11	11	34	34	30	30	8	8	4
Fase 2	0	5	5	5	5	2	2	0	0	2	2	2	2	1	1	1	1	1	1	1	1	0	0	3	3	8	8	7	7	2	2	1
Tot.	0	29	29	30	30	9	9	0	0	6	6	9	9	4	4	2	2	5	5	3	3	-2	-2	14	14	42	42	37	37	10	10	5

	DZ [mm]																															
	C17		C18		C19		C20		C21		C22		C23		C24		C25		C26		C27		C28		C29		C30		C31	
Fase 1	4	20	20	21	21	5	5	5	5	23	23	23	23	6	6	4	4	20	20	21	21	5	5	3	3	18	18	21	21	0		
Fase 2	1	6	6	6	6	2	2	1	1	5	5	4	4	1	1	2	2	7	7	7	7	2	2	1	1	4	4	4	4	0		
Tot.	5	26	26	27	27	7	7	6	6	28	28	27	27	7	7	6	6	27	27	28	28	7	7	4	4	22	22	25	25	0		

Le contromonte da applicare alle estremità dei conci (riportate di seguito), sono quindi determinate in modo da annullare gli spostamenti totali così ottenuti.

Contromonta [mm]																
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	
0	35	35	10	0	10	10	5	5	5	5	0	15	45	40	10	10

Contromonta [mm]																
C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C30	C31	
.0	10	30	30	10	10	30	30	10	10	30	30	10	10	30	30	0

15 REAZIONI NEGLI APPOGGI

Si riportano di seguito le reazioni ottenute dai modelli in corrispondenza degli appoggi.

	Spalla 1								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	1098	0	0	182	0	-3	1016	0	0
Fase 2 - Permanenti portati	442	0	0	65	0	-4	406	0	0
Ritiro	-475	0	0	579	0	-6	-448	0	0
Attrito appoggi MAX	0	91	0	0	31	0	0	54	0
Attrito appoggi MIN	0	-91	0	0	-31	0	0	-54	0
Effetti ambientali									
Variazione termica MAX	228	0	0	282	0	3	215	0	0
Variazione termica MIN	-228	0	0	-282	0	-3	-215	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	630	0	0	80	0	-14	-126	0	0
Max carico Trint	372	0	0	80	0	-13	346	0	0
Max squilibrio Trest	1952	0	0	219	0	1	108	0	0
Max carico Trest	1006	0	0	220	0	1	817	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	327	0	0	73	0	301	285	0	0
Sisma Y	494	0	0	61	0	1211	494	0	0
Sisma Z	211	0	0	33	0	38	157	0	0

	Spalla 1								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	1575	0	0	1038	0	-17	1443	0	0
1,5*ATTRITO MAX	0	136	0	0	47	0	0	81	0
1,5*ATTRITO MIN	0	-136	0	0	-47	0	0	-81	0
1,50*TERM MAX+1,5*VENTO MAX	1659	0	0	1656	1043	5	1640	0	0
1,50*TERM MIN+1,5*VENTO MIN	-833	0	0	-872	0	-1058	-813	0	0
1,35*TRAFFICO MAX	2635	0	0	297	0	1	1103	0	0
1,35*TRAFFICO MIN	502	0	0	108	0	-19	-170	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**5870**	**136**	**0**	**2991**	**1090**	**-11**	**4185**	**81**	**0**
TOTALE STATICO MIN	**1245**	**-136**	**0**	**275**	**-47**	**-1094**	**460**	**-81**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	539	0	0	101	0	676	480	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-539	0	0	-101	0	-676	-480	0	0
0,3*SISX+SISY+0,3*SISZ MAX	655	0	0	93	0	1313	627	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-655	0	0	-93	0	-1313	-627	0	0
0,3*SISX+0,3*SISY+SISZ MAX	457	0	0	73	0	492	391	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-457	0	0	-73	0	-492	-391	0	0
TOTALE DINAMICO MAX	**1720**	**91**	**0**	**927**	**31**	**1300**	**1601**	**54**	**0**
TOTALE DINAMICO MIN	**410**	**-91**	**0**	**725**	**-31**	**-1326**	**347**	**-54**	**0**

	Pila 1								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3117	0	0	755	0	4	3078	0	0
Fase 2 - Permanenti portati	1155	0	0	304	0	8	1119	0	0
Ritiro	2	0	0	277	0	13	163	0	0
Attrito appoggi MAX	0	218	0	0	56	0	0	174	0
Attrito appoggi MIN	0	-218	0	0	-56	0	0	-174	0
Effetti ambientali									
Variazione termica MAX	22	0	0	174	0	8	52	0	0
Variazione termica MIN	-22	0	0	-174	0	-8	-52	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1654	0	0	339	0	-7	111	0	0
Max carico Trint	1010	0	0	331	0	-7	972	0	0
Max squilibrio Trest	2999	0	0	538	0	32	378	0	0
Max carico Trest	1650	0	0	529	0	29	1456	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	510	0	0	255	10080	1222	427	0	0
Sisma Y	1525	0	0	185	1842	4196	517	0	0
Sisma Z	540	0	0	332	258	102	406	0	0

	Pila 1								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	5943	0	0	1808	0	33	6029	0	0
1,5*ATTRITO MAX	0	327	0	0	84	0	0	262	0
1,5*ATTRITO MIN	0	-327	0	0	-84	0	0	-262	0
1,50*TERM MAX+1,5*VENTO MAX	1350	0	0	1494	1043	12	1395	0	0
1,50*TERM MIN+1,5*VENTO MIN	-524	0	0	-710	0	-1065	-569	0	0
1,35*TRAFFICO MAX	4049	0	0	726	0	43	1966	0	0
1,35*TRAFFICO MIN	1364	0	0	447	0	-9	150	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**11342**	**327**	**0**	**4028**	**1127**	**88**	**9390**	**262**	**0**
TOTALE STATICO MIN	**6783**	**-327**	**0**	**1545**	**-84**	**-1041**	**5611**	**-262**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	1130	0	0	410	10710	2511	704	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-1130	0	0	-410	-10710	-2511	-704	0	0
0,3*SISX+SISY+0,3*SISZ MAX	1840	0	0	361	4943	4593	767	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-1840	0	0	-361	-4943	-4593	-767	0	0
0,3*SISX+0,3*SISY+SISZ MAX	1151	0	0	464	3835	1727	689	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-1151	0	0	-464	-3835	-1727	-689	0	0
TOTALE DINAMICO MAX	**6114**	**218**	**0**	**1800**	**10766**	**4618**	**5127**	**174**	**0**
TOTALE DINAMICO MIN	**2434**	**-218**	**0**	**872**	**-10766**	**-4568**	**3593**	**-174**	**0**

	Pila 2								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	2359	0	0	559	0	-1	2346	0	0
Fase 2 - Permanenti portati	936	0	0	236	0	-4	915	0	0
Ritiro	-261	0	0	223	0	-10	-101	0	0
Attrito appoggi MAX	0	173	0	0	45	0	0	133	0
Attrito appoggi MIN	0	-173	0	0	-45	0	0	-133	0
Effetti ambientali									
Variazione termica MAX	142	0	0	149	0	6	66	0	0
Variazione termica MIN	-142	0	0	-149	0	-6	-66	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1365	0	0	265	0	-22	-18	0	0
Max carico Trint	785	0	0	260	0	-21	768	0	0
Max squilibrio Trest	2740	0	0	473	0	12	248	0	0
Max carico Trest	1449	0	0	466	0	13	1275	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	285	0	0	210	8335	640	477	0	0
Sisma Y	1610	0	0	95	832	4228	1727	0	0
Sisma Z	656	0	0	406	179	103	491	0	0

	Pila 2								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	4275	0	0	1376	0	-19	4418	0	0
1,5*ATTRITO MAX	0	260	0	0	67	0	0	200	0
1,5*ATTRITO MIN	0	-260	0	0	-67	0	0	-200	0
1,50*TERM MAX+1,5*VENTO MAX	1530	0	0	1457	1043	9	1416	0	0
1,50*TERM MIN+1,5*VENTO MIN	-704	0	0	-672	0	-1062	-590	0	0
1,35*TRAFFICO MAX	3699	0	0	639	0	18	1721	0	0
1,35*TRAFFICO MIN	1060	0	0	351	0	-30	-24	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**9504**	**260**	**0**	**3471**	**1110**	**7**	**7556**	**200**	**0**
TOTALE STATICO MIN	**4632**	**-260**	**0**	**1055**	**-67**	**-1111**	**3805**	**-200**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	965	0	0	360	8638	1939	1142	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-965	0	0	-360	-8638	-1939	-1142	0	0
0,3*SISX+SISY+0,3*SISZ MAX	1892	0	0	280	3386	4451	2017	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-1892	0	0	-280	-3386	-4451	-2017	0	0
0,3*SISX+0,3*SISY+SISZ MAX	1225	0	0	498	2929	1563	1152	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-1225	0	0	-498	-2929	-1563	-1152	0	0
TOTALE DINAMICO MAX	**4926**	**173**	**0**	**1516**	**8683**	**4436**	**5177**	**133**	**0**
TOTALE DINAMICO MIN	**1142**	**-173**	**0**	**521**	**-8683**	**-4466**	**1143**	**-133**	**0**

	Pila 3								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3260	0	0	818	0	-1	3231	0	0
Fase 2 - Permanenti portati	1208	0	0	330	0	-1	1174	0	0
Ritiro	-145	0	0	107	0	3	53	0	0
Attrito appoggi MAX	0	224	0	0	55	0	0	179	0
Attrito appoggi MIN	0	-224	0	0	-55	0	0	-179	0
Effetti ambientali									
Variazione termica MAX	81	0	0	70	0	-2	10	0	0
Variazione termica MIN	-81	0	0	-70	0	2	-10	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1771	0	0	367	0	-9	97	0	0
Max carico Trint	1055	0	0	355	0	-10	1026	0	0
Max squilibrio Trest	3128	0	0	568	0	9	363	0	0
Max carico Trest	1708	0	0	556	0	9	1518	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	465	0	0	158	4557	791	364	0	0
Sisma Y	1541	0	0	234	437	3296	1488	0	0
Sisma Z	300	0	0	207	94	94	270	0	0

	Pila 3								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	6039	0	0	1728	0	1	6186	0	0
1,5*ATTRITO MAX	0	335	0	0	82	0	0	269	0
1,5*ATTRITO MIN	0	-335	0	0	-82	0	0	-269	0
1,50*TERM MAX+1,5*VENTO MAX	1439	0	0	1338	1043	-3	1332	0	0
1,50*TERM MIN+1,5*VENTO MIN	-612	0	0	-554	0	-1050	-506	0	0
1,35*TRAFFICO MAX	4223	0	0	767	0	12	2049	0	0
1,35*TRAFFICO MIN	1424	0	0	479	0	-14	131	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**11700**	**335**	**0**	**3833**	**1125**	**10**	**9568**	**269**	**0**
TOTALE STATICO MIN	**6851**	**-335**	**0**	**1653**	**-82**	**-1063**	**5812**	**-269**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	1017	0	0	290	4716	1808	891	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-1017	0	0	-290	-4716	-1808	-891	0	0
0,3*SISX+SISY+0,3*SISZ MAX	1771	0	0	344	1832	3562	1678	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-1771	0	0	-344	-1832	-3562	-1678	0	0
0,3*SISX+0,3*SISY+SISZ MAX	902	0	0	325	1592	1320	826	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-902	0	0	-325	-1592	-1320	-826	0	0
TOTALE DINAMICO MAX	**6094**	**224**	**0**	**1599**	**4771**	**3563**	**6136**	**179**	**0**
TOTALE DINAMICO MIN	**2553**	**-224**	**0**	**912**	**-4771**	**-3561**	**2780**	**-179**	**0**

	PILA 4								
	UT Esterno			F			UT Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3791	-17	0	992	0	0	3782	17	0
Fase 2 - Permanenti portati	1401	-3	0	394	0	1	1361	3	0
Ritiro	-138	-3	0	76	6	-1	106	-3	0
Attrito appoggi MAX	0	254	0	0	63	0	0	208	0
Attrito appoggi MIN	0	-254	0	0	-63	0	0	-208	0
Effetti ambientali									
Variazione termica MAX	83	2	0	77	3	1	32	2	0
Variazione termica MIN	-83	-2	0	-77	-3	-1	-32	-2	0
Vento da esterno curva	-106	71	0	269	-136	197	-106	71	0
Vento da interno curva	253	-70	0	-118	128	-193	253	-70	0
Accidentali da traffico									
Max squilibrio Trint	2062	-175	0	430	-1	-2	147	-159	0
Max carico Trint	1235	-30	0	416	-1	-3	1200	-23	0
Max squilibrio Trest	3412	157	0	631	0	3	412	177	0
Max carico Trest	1880	23	0	616	1	4	1681	30	0
Frenamento/avviamento MAX	0	300	0	0	300	0	0	300	0
Frenamento/avviamento MIN	0	-300	0	0	-300	0	0	-300	0
Sisma									
Sisma X	512	5178	0	116	6000	1109	476	4972	0
Sisma Y	2561	367	0	102	575	4959	2666	538	0
Sisma Z	280	34	0	192	45	143	253	33	0

	PILA 4								
	UT Esterno			F			UT Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	7054	-31	0	2021	7	0	7274	24	0
1,5*ATTRITO MAX	0	381	0	0	94	0	0	312	0
1,5*ATTRITO MIN	0	-381	0	0	-94	0	0	-312	0
1,50*TERM MAX+1,5*VENTO MAX	504	110	0	519	197	297	428	110	0
1,50*TERM MIN+1,5*VENTO MIN	-284	-108	0	-293	-209	-291	-207	-108	0
1,35*TRAFFICO MAX	4606	212	0	852	1	5	2269	239	0
1,35*TRAFFICO MIN	1667	-236	0	562	-1	-4	198	-215	0
1,35*FRENATURA MAX	0	405	0	0	405	0	0	405	0
1,35*FRENATURA MIN	0	-405	0	0	-405	0	0	-405	0
TOTALE STATICO MAX	**12164**	**1076**	**0**	**3392**	**704**	**303**	**9971**	**1089**	**0**
TOTALE STATICO MIN	**8438**	**-1161**	**0**	**2291**	**-702**	**-295**	**7266**	**-1016**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	1364	5298	0	204	6186	2640	1352	5143	0
SISX+0,3*SISY+0,3*SISZ MIN	-1364	-5298	0	-204	-6186	-2640	-1352	-5143	0
0,3*SISX+SISY+0,3*SISZ MAX	2799	1931	0	194	2389	5335	2885	2040	0
0,3*SISX+SISY+0,3*SISZ MIN	-2799	-1931	0	-194	-2389	-5335	-2885	-2040	0
0,3*SISX+0,3*SISY+SISZ MAX	1202	1698	0	257	2018	1963	1196	1686	0
0,3*SISX+0,3*SISY+SISZ MIN	-1202	-1698	0	-257	-2018	-1963	-1196	-1686	0
TOTALE DINAMICO MAX	**7853**	**5529**	**0**	**1719**	**6255**	**5335**	**8134**	**5368**	**0**
TOTALE DINAMICO MIN	**2255**	**-5575**	**0**	**1205**	**-6243**	**-5335**	**2364**	**-5334**	**0**

	Pila 5								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3622	0	0	946	0	0	3613	0	0
Fase 2 - Permanenti portati	1287	0	0	366	0	-1	1254	0	0
Ritiro	-103	0	0	-12	0	2	107	0	0
Attrito appoggi MAX	0	244	0	0	57	0	0	198	0
Attrito appoggi MIN	0	-244	0	0	-57	0	0	-198	0
Effetti ambientali									
Variazione termica MAX	66	0	0	27	0	1	32	0	0
Variazione termica MIN	-66	0	0	-27	0	-1	-32	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1986	0	0	412	0	-5	121	0	0
Max carico Trint	1181	0	0	399	0	-5	1151	0	0
Max squilibrio Trest	3330	0	0	612	0	6	385	0	0
Max carico Trest	1824	0	0	599	0	6	1630	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	553	0	0	180	3648	1276	668	0	0
Sisma Y	2769	0	0	75	236	5310	2900	0	0
Sisma Z	329	0	0	223	20	104	273	0	0

	Pila 5								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	6697	0	0	1812	0	1	6887	0	0
1,5*ATTRITO MAX	0	366	0	0	86	0	0	297	0
1,5*ATTRITO MIN	0	-366	0	0	-86	0	0	-297	0
1,50*TERM MAX+1,5*VENTO MAX	1416	0	0	1274	1043	2	1365	0	0
1,50*TERM MIN+1,5*VENTO MIN	-590	0	0	-489	0	-1055	-539	0	0
1,35*TRAFFICO MAX	4496	0	0	826	0	8	2201	0	0
1,35*TRAFFICO MIN	1594	0	0	539	0	-7	163	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**12608**	**366**	**0**	**3911**	**1129**	**11**	**10452**	**297**	**0**
TOTALE STATICO MIN	**7701**	**-366**	**0**	**1861**	**-86**	**-1060**	**6512**	**-297**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	1482	0	0	269	3725	2900	1620	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-1482	0	0	-269	-3725	-2900	-1620	0	0
0,3*SISX+SISY+0,3*SISZ MAX	3034	0	0	196	1336	5724	3182	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-3034	0	0	-196	-1336	-5724	-3182	0	0
0,3*SISX+0,3*SISY+SISZ MAX	1326	0	0	300	1185	2080	1343	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-1326	0	0	-300	-1185	-2080	-1343	0	0
TOTALE DINAMICO MAX	**7840**	**244**	**0**	**1600**	**3782**	**5725**	**8156**	**198**	**0**
TOTALE DINAMICO MIN	**1772**	**-244**	**0**	**1001**	**-3782**	**-5723**	**1792**	**-198**	**0**

	Pila 6								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3510	0	0	950	0	0	3537	0	0
Fase 2 - Permanenti portati	1257	0	0	389	0	0	1139	0	0
Ritiro	-88	0	0	-24	0	-4	61	0	0
Attrito appoggi MAX	0	235	0	0	57	0	0	190	0
Attrito appoggi MIN	0	-235	0	0	-57	0	0	-190	0
Effetti ambientali									
Variazione termica MAX	57	0	0	23	0	2	13	0	0
Variazione termica MIN	-57	0	0	-23	0	-2	-13	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1864	0	0	396	0	-9	220	0	0
Max carico Trint	1133	0	0	388	0	-9	1126	0	0
Max squilibrio Trest	3157	0	0	596	0	7	428	0	0
Max carico Trest	1775	0	0	588	0	7	1605	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	582	0	0	207	4280	1188	590	0	0
Sisma Y	2351	0	0	67	273	4725	2387	0	0
Sisma Z	324	0	0	229	38	65	283	0	0

	Pila 6								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	6518	0	0	1837	0	-5	6557	0	0
1,5*ATTRITO MAX	0	353	0	0	86	0	0	285	0
1,5*ATTRITO MIN	0	-353	0	0	-86	0	0	-285	0
1,50*TERM MAX+1,5*VENTO MAX	1403	0	0	1268	1043	3	1337	0	0
1,50*TERM MIN+1,5*VENTO MIN	-576	0	0	-483	0	-1056	-510	0	0
1,35*TRAFFICO MAX	4262	0	0	805	0	9	2167	0	0
1,35*TRAFFICO MIN	1530	0	0	524	0	-12	297	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**12183**	**353**	**0**	**3909**	**1128**	**8**	**10060**	**285**	**0**
TOTALE STATICO MIN	**7472**	**-353**	**0**	**1878**	**-86**	**-1073**	**6344**	**-285**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	1385	0	0	296	4373	2625	1391	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-1385	0	0	-296	-4373	-2625	-1391	0	0
0,3*SISX+SISY+0,3*SISZ MAX	2623	0	0	198	1568	5101	2649	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-2623	0	0	-198	-1568	-5101	-2649	0	0
0,3*SISX+0,3*SISY+SISZ MAX	1204	0	0	311	1404	1839	1176	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-1204	0	0	-311	-1404	-1839	-1176	0	0
TOTALE DINAMICO MAX	**7302**	**235**	**0**	**1626**	**4431**	**5097**	**7386**	**190**	**0**
TOTALE DINAMICO MIN	**2056**	**-235**	**0**	**1004**	**-4431**	**-5105**	**2088**	**-190**	**0**

	Pila 7								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	3518	0	0	781	0	1	3362	0	0
Fase 2 - Permanenti portati	1362	0	0	318	0	1	1287	0	0
Ritiro	310	0	0	-111	0	5	190	0	0
Attrito appoggi MAX	0	246	0	0	46	0	0	192	0
Attrito appoggi MIN	0	-246	0	0	-46	0	0	-192	0
Effetti ambientali									
Variazione termica MAX	127	0	0	17	0	3	70	0	0
Variazione termica MIN	-127	0	0	-17	0	-3	-70	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	1814	0	0	334	0	-5	224	0	0
Max carico Trint	1114	0	0	336	0	-6	1061	0	0
Max squilibrio Trest	3025	0	0	530	0	13	416	0	0
Max carico Trest	1769	0	0	531	0	12	1548	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	290	0	0	137	5782	806	354	0	0
Sisma Y	1528	0	0	131	670	4293	1485	0	0
Sisma Z	518	0	0	311	71	80	379	0	0

	Pila 7								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	7164	0	0	1398	0	9	6697	0	0
1,5*ATTRITO MAX	0	370	0	0	68	0	0	287	0
1,5*ATTRITO MIN	0	-370	0	0	-68	0	0	-287	0
1,50*TERM MAX+1,5*VENTO MAX	1508	0	0	1259	1043	5	1422	0	0
1,50*TERM MIN+1,5*VENTO MIN	-681	0	0	-474	0	-1058	-596	0	0
1,35*TRAFFICO MAX	4084	0	0	717	0	18	2090	0	0
1,35*TRAFFICO MIN	1504	0	0	451	0	-8	302	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**12756**	**370**	**0**	**3374**	**1111**	**31**	**10209**	**287**	**0**
TOTALE STATICO MIN	**7987**	**-370**	**0**	**1375**	**-68**	**-1057**	**6404**	**-287**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	904	0	0	270	6004	2118	913	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-904	0	0	-270	-6004	-2118	-913	0	0
0,3*SISX+SISY+0,3*SISZ MAX	1770	0	0	265	2426	4559	1705	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-1770	0	0	-265	-2426	-4559	-1705	0	0
0,3*SISX+0,3*SISY+SISZ MAX	1063	0	0	391	2007	1610	931	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-1063	0	0	-391	-2007	-1610	-931	0	0
TOTALE DINAMICO MAX	**6960**	**246**	**0**	**1379**	**6050**	**4566**	**6544**	**192**	**0**
TOTALE DINAMICO MIN	**3420**	**-246**	**0**	**597**	**-6050**	**-4552**	**3134**	**-192**	**0**

	Pila 8								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
Permanenti	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
Fase 1 - Strutturali	842	0	0	730	0	-1	836	0	0
Fase 2 - Permanenti portati	355	0	0	165	0	-1	341	0	0
Ritiro	-370	0	0	396	0	-3	-373	0	0
Attrito appoggi MAX	0	75	0	0	52	0	0	46	0
Attrito appoggi MIN	0	-75	0	0	-52	0	0	-46	0
Effetti ambientali									
Variazione termica MAX	176	0	0	191	0	2	177	0	0
Variazione termica MIN	-176	0	0	-191	0	-2	-177	0	0
Vento da esterno curva	-327	0	0	822	695	0	-327	0	0
Vento da interno curva	878	0	0	-299	0	-702	878	0	0
Accidentali da traffico									
Max squilibrio Trint	484	0	0	169	0	-7	-94	0	0
Max carico Trint	278	0	0	156	0	-6	275	0	0
Max squilibrio Trest	1662	0	0	434	0	2	114	0	0
Max carico Trest	849	0	0	420	0	2	723	0	0
Frenamento/avviamento MAX	0	0	0	0	0	0	0	0	0
Frenamento/avviamento MIN	0	0	0	0	0	0	0	0	0
Sisma									
Sisma X	189	0	0	216	0	392	238	0	0
Sisma Y	523	0	0	125	0	2032	600	0	0
Sisma Z	205	0	0	187	0	50	174	0	0

	Pila 8								
	M (S) Esterno			UL (S)			M (S) Interno		
	V	Long.	Trasv.	V	Long.	Trasv.	V	Long.	Trasv.
	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]
1,35*PERMS+1,50*PERMNS+1,20*RIT	1225	0	0	1708	0	-6	1193	0	0
1,5*ATTRITO MAX	0	112	0	0	78	0	0	69	0
1,5*ATTRITO MIN	0	-112	0	0	-78	0	0	-69	0
1,50*TERM MAX+1,5*VENTO MAX	1581	0	0	1520	1043	3	1583	0	0
1,50*TERM MIN+1,5*VENTO MIN	-755	0	0	-735	0	-1056	-756	0	0
1,35*TRAFFICO MAX	2244	0	0	586	0	3	976	0	0
1,35*TRAFFICO MIN	375	0	0	211	0	-9	-127	0	0
1,35*FRENATURA MAX	0	0	0	0	0	0	0	0	0
1,35*FRENATURA MIN	0	0	0	0	0	0	0	0	0
TOTALE STATICO MAX	**5050**	**112**	**0**	**3814**	**1120**	**-1**	**3751**	**69**	**0**
TOTALE STATICO MIN	**846**	**-112**	**0**	**1184**	**-78**	**-1072**	**310**	**-69**	**0**
SISX+0,3*SISY+0,3*SISZ MAX	407	0	0	310	0	1017	470	0	0
SISX+0,3*SISY+0,3*SISZ MIN	-407	0	0	-310	0	-1017	-470	0	0
0,3*SISX+SISY+0,3*SISZ MAX	641	0	0	246	0	2165	724	0	0
0,3*SISX+SISY+0,3*SISZ MIN	-641	0	0	-246	0	-2165	-724	0	0
0,3*SISX+0,3*SISY+SISZ MAX	419	0	0	289	0	777	425	0	0
0,3*SISX+0,3*SISY+SISZ MIN	-419	0	0	-289	0	-777	-425	0	0
TOTALE DINAMICO MAX	**1468**	**75**	**0**	**1601**	**52**	**2160**	**1528**	**46**	**0**
TOTALE DINAMICO MIN	**186**	**-75**	**0**	**981**	**-52**	**-2170**	**80**	**-46**	**0**

16 ANALISI E VERIFICHE SOLETTA

La soletta d'impalcato viene realizzata mediante getto in opera su predalles prefabbricate in cls armato. Le predalles hanno uno spessore di 5 cm, sono armate con idonei tralicci con altezza pari a 16.5 cm e contengono l'armatura integrativa inferiore. L'intero impalcato viene coperto trasversalmente appoggiando le predalles isostaticamente sulle travi principali.

16.1 Schema statico

Si considera una piastra, costituita dall'intero spessore di soletta (25 cm predalle compresa), vincolata in corrispondenza delle travi superiori; i carichi in gioco sono il peso proprio, i permanenti non strutturali, i carichi da traffico. Il calcolo viene svolto per un campo di dimensioni 5.00m x 4.40m.

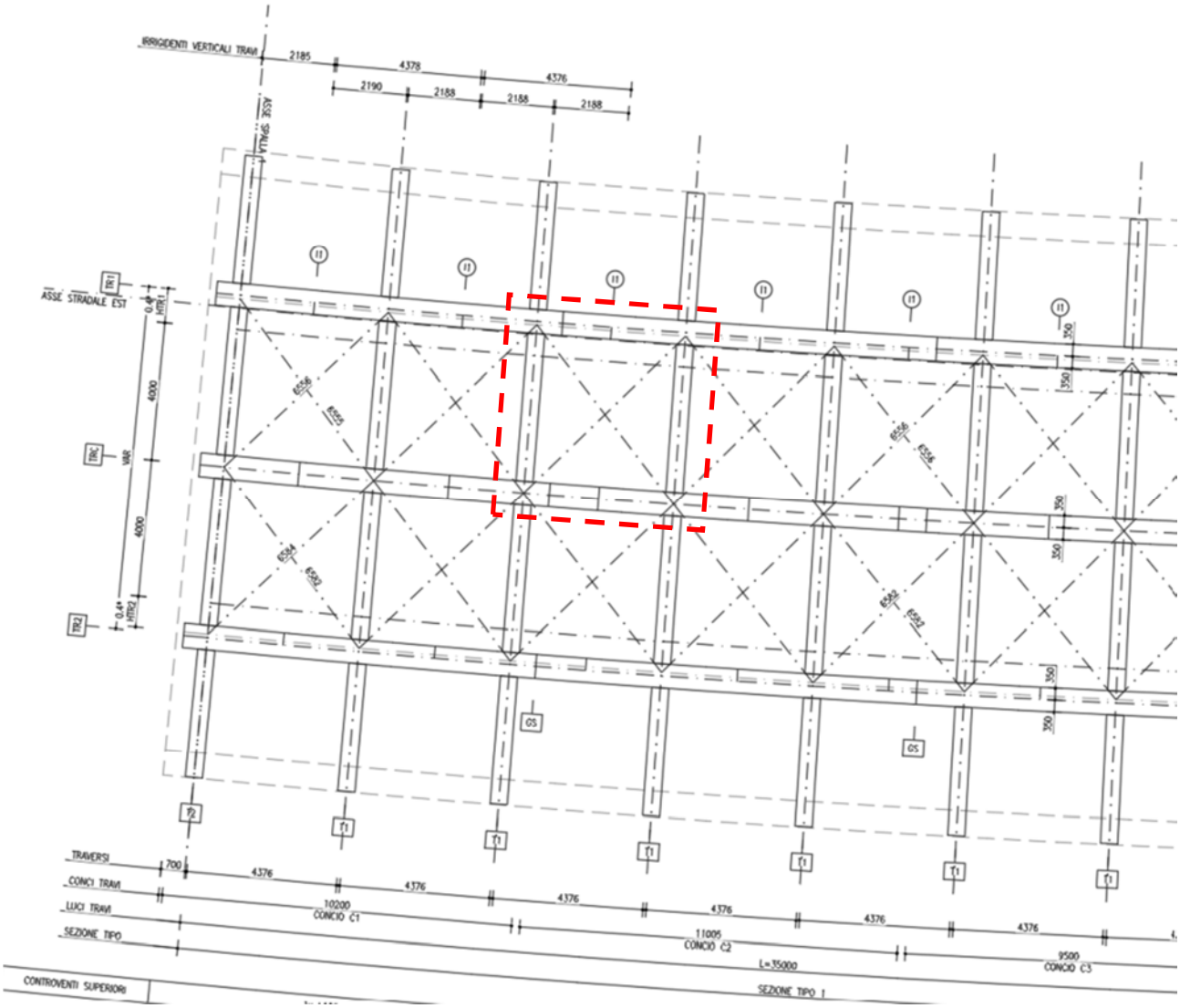


Figura 93 – Piastra – campo 5.00m x 4.40m

16.2 Metodo di calcolo

La soletta d'impalcato verrà analizzata secondo il metodo approsimato di Grashov, assumendo un coefficiente *K* dipendente dai vincoli ipotizzati. Il carico agente sulla piastra viene considerato uniformemente distrinuito.

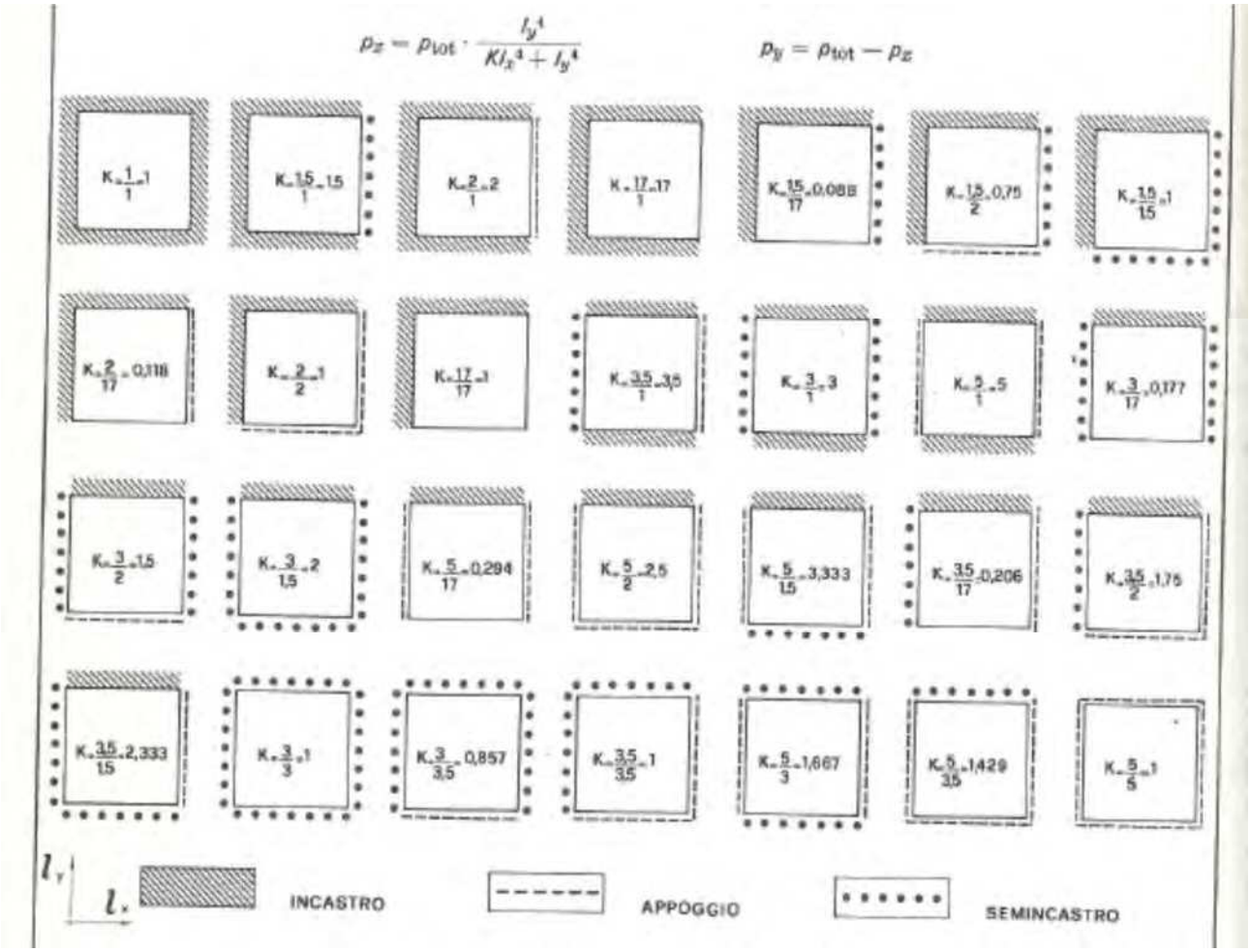


Figura 94 – Valori di K dipendenti dai vincoli

Si otterranno sollecitazioni in direzione longitudinale x e in direzione trasversale y. A favore di sicurezza, si considera:

- Piastra appoggiata sui quattro lati per il calcolo dei momenti positivi in mezzeria $M^{+}=ql^2/10$;
- Piastra incastrata sui quattro lati per il calcolo dei momenti negativi sui bordi $M^{-}=ql^2/12$;

16.2.1 Risultati analisi

Nelle seguenti figure si riporta le sollecitazioni flettenti e taglianti per la verifica della sezione.

SOLLECITAZIONI - SLU			
Nsd [kN]	1679,81		

Lx [m]	**Ly** [m]	**p** [kPa]	**K**
4,40	5,00	76,35	1,000

px [kN/m]	47,73	**py** [kN/m]	28,62
Mx+ [kNm/m]	92,41	**My+** [kNm/m]	71,56
Mx- [kNm/m]	77,01	**My-** [kNm/m]	59,63
Vx+ [kN/m]	105,01	**Vy+** [kN/m]	71,56

SOLLECITAZIONI - SLE			
Nsd [kN]	1244,30		

Lx [m]	**Ly** [m]	**p** [kPa]	**K**
4,40	5,00	56,56	1,000

px [kN/m]	35,36	**py** [kN/m]	21,20
Mx+ [kNm/m]	68,45	**My+** [kNm/m]	53,01
Mx- [kNm/m]	57,04	**My-** [kNm/m]	44,17
Vx+ [kN/m]	77,78	**Vy+** [kN/m]	53,01

16.3 Verifiche strutturali soletta

16.3.1 Verifiche a momento - SLU

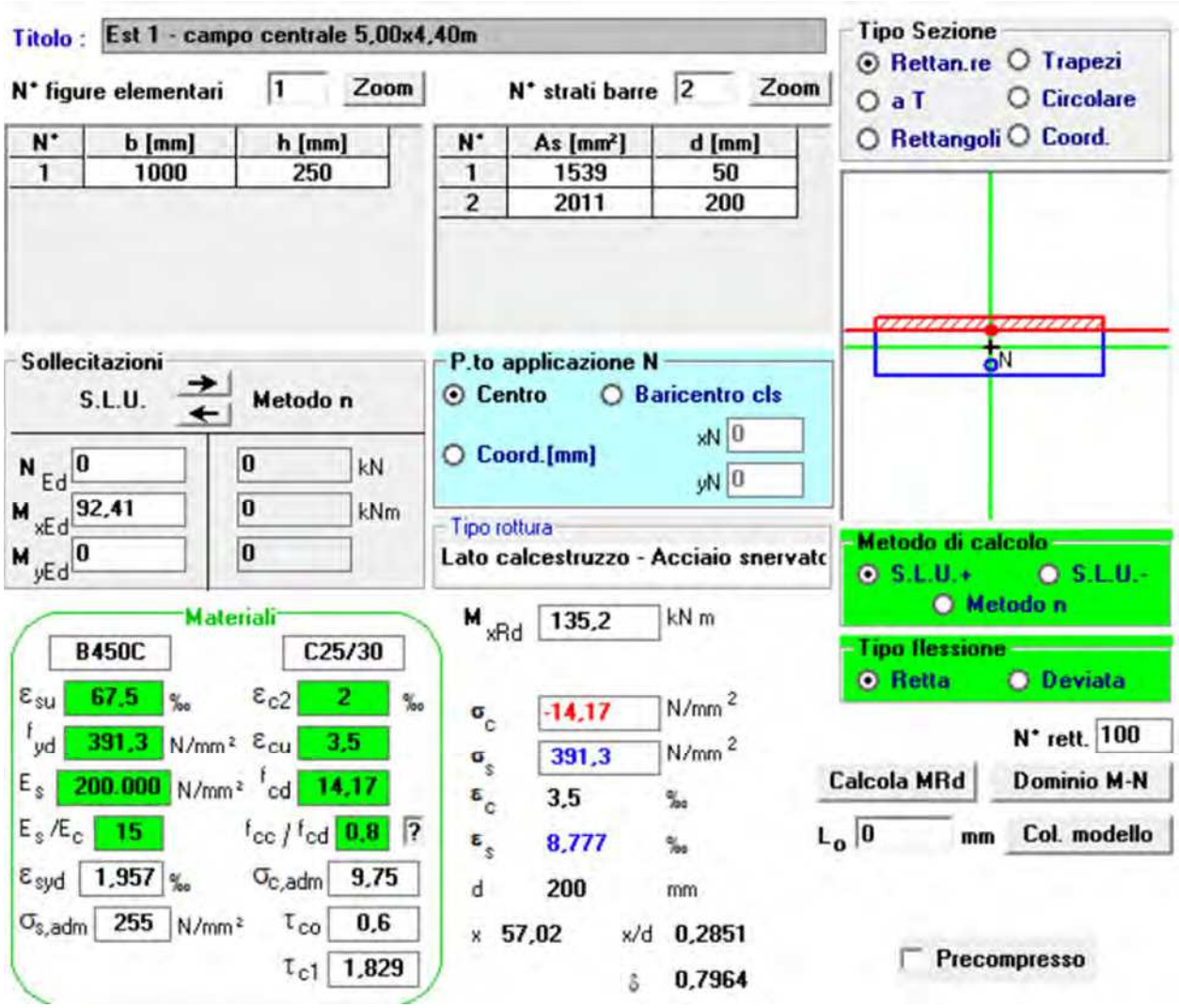
16.3.1.1 Direzione x (long)

I momenti sollecitazioni sono pari a

M^{+}_{Ed}=92.41 kNm
M^{-}_{Ed}=77.01 kNm

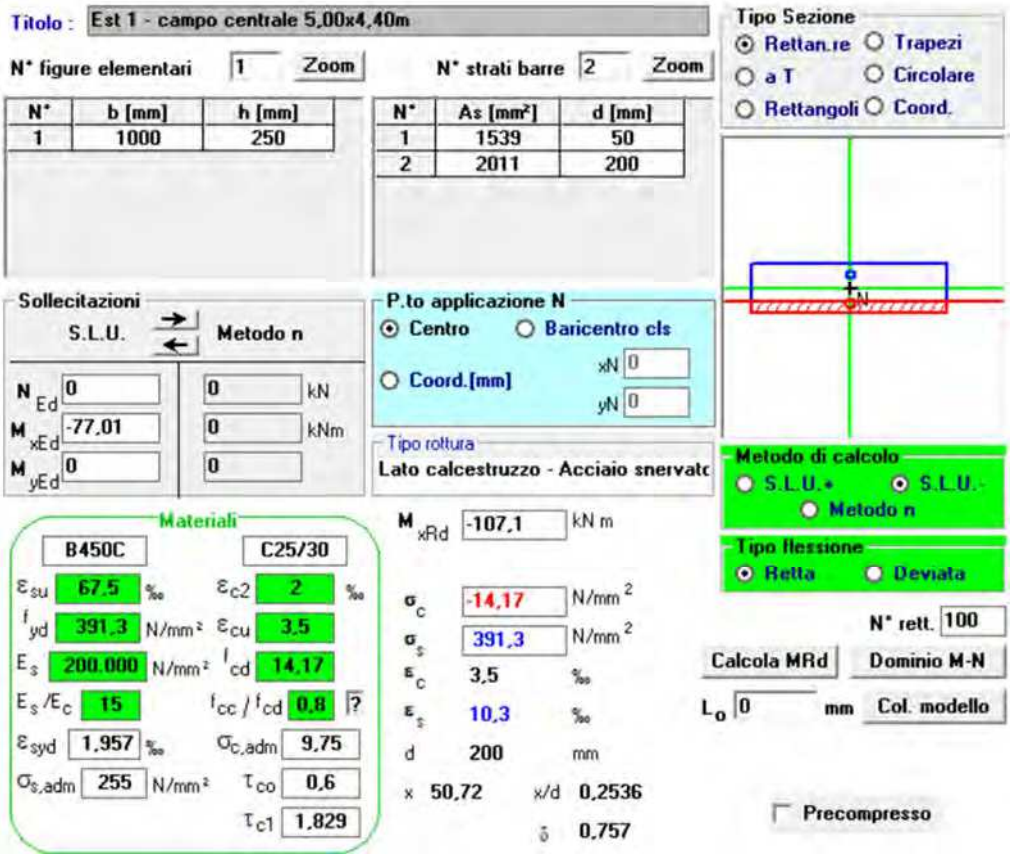
Si prevede un'armatura pari a

Arm. Sup. Φ14/100
Arm. Inf. Φ16/100



Il momento resistente positivo è pari a

M^{+}_{Rd}=135.2 kNm > 92.41 kNm **VERIFICA SODDISFATTA**



Il momento resistente negativo è pari a

M^{-}_{Rd}=107.1 kNm > 77.01 kNm ***VERIFICA SODDISFATTA***

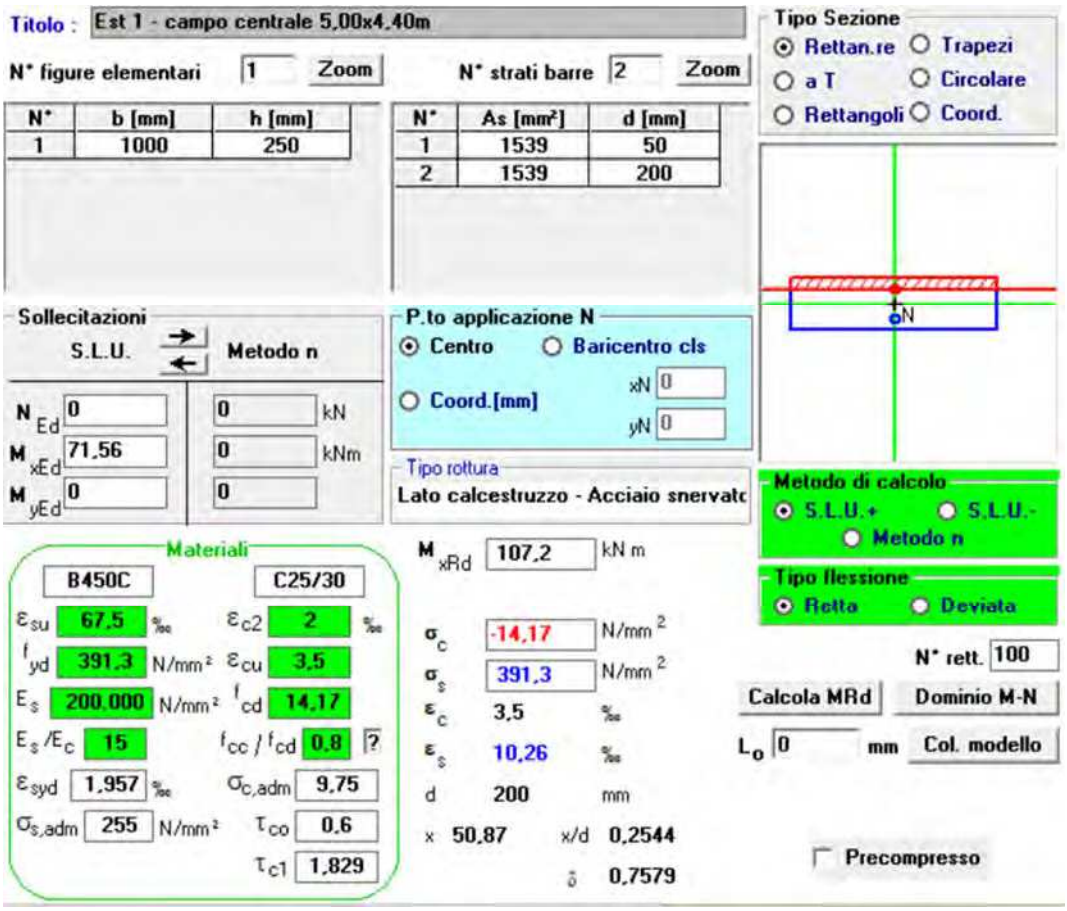
16.3.1.2 Direzione y (trasv)

I momenti sollecitazioni sono pari a

M^{+}_{Ed}=71.56 kNm
M^{-}_{Ed}=59.63 Nm

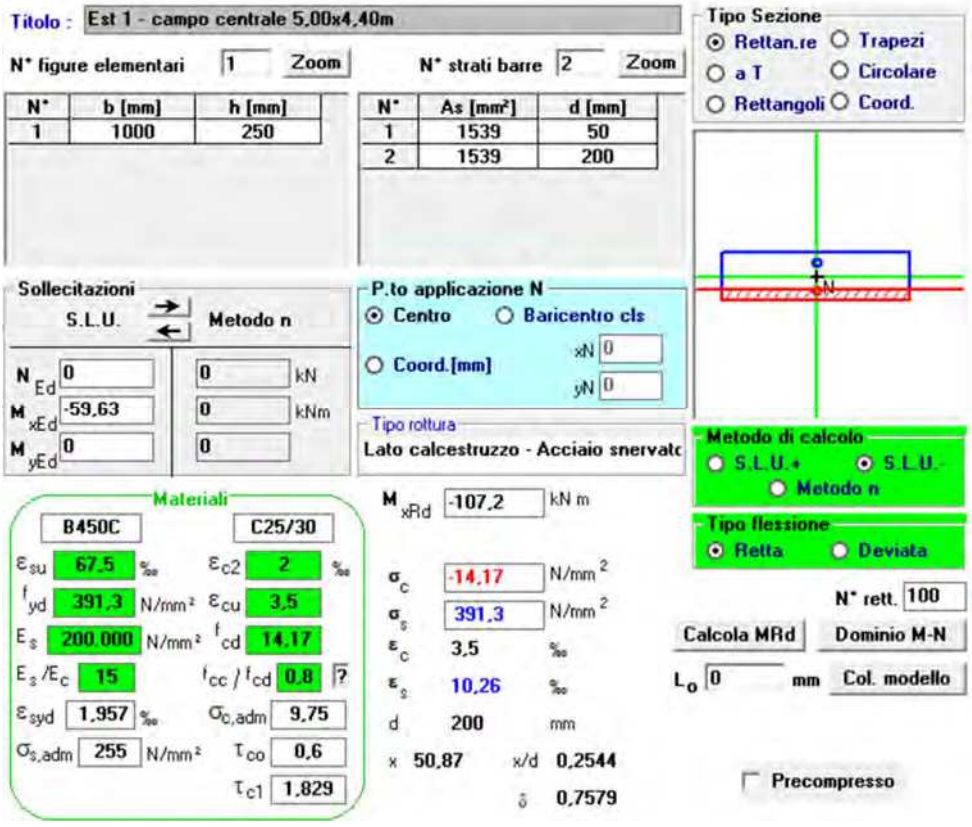
Si prevede un'armatura pari a

Arm. Sup. Φ14/100
Arm. Inf. Φ14/100



Il momento resistente positivo è pari a

M^{+}_{Rd}=107.2 kNm > 71.56 kNm ***VERIFICA SODDISFATTA***



Il momento resistente negativo è pari a

M^{-}_{Rd}=107.2 kNm > 59.63 kNm ***VERIFICA SODDISFATTA***

16.3.2 Verifiche a taglio SLU

Per la verifica a taglio prendiamo la massima sollecitazione pari a

V_{Ed} = 105.01 kN/m

NOME: SOLETTA				CALCOLO TAGLIO RESISTENTE SEZIONE RETTANGOLARE								Rev. 09
DATI SEZIONE					AZIONI CALCOLO					CALCESTRUZZO		
b_w (m)	d (m)	θ (°)	cotg θ		N_{Ed} (kN)	V_{Ed} (kN)	M_{Ed} (kNm)			f_{ck} (MPa)	f_{cd} (MPa)	γ_c
1,000	0,200	45,00	1,00	1,00 ≤ cotg θ ≤ 2,50	0,00	96,46	0,00			33,20	18,81	1,50
VERIFICA ARMATURE LONGITUDINALI (§4.1.2.1.3.1)												
	f_{yd} (MPa)	n	Ø (mm)	A_{sl} (cm^2)	F_{Rd} (kN)			ΔF_{td} (kN)	F_{Ed} (kN)	A_{sl} (cm^2)	F_{Rd} (kN)	
Barre B450C	391,30	10	14	15,39	602,37			48,23	48,23	35,50	1389,13	
		10	16	20,11	786,76							
		0	12	0,00	0,00							
Trefoli Y1670	1452,17	0		0,00	0,00						F_{Ed}/F_{Rd}	
											3,5%	VERIFICA OK
VERIFICA SENZA ARMATURE TRASVERSALI (§4.1.2.1.3.1)												
k	ρ_l (%)	v_{min} (MPa)	σ_{cp} (MPa)	α_c						V_{Rd} (kN)	V_{Ed}/V_{Rd}	
2,000	1,77%	0,570	0,00	1,000						186,79	51,6%	VERIFICA OK

La verifica risulta soddisfatta senza armatura a taglio integrativa.

17 INCIDENZA ARMATURE IN SOLETTA

Si riporta in tabella il calcolo dell'incidenza delle barre d'armatura nella soletta in calcestruzzo, valutata per metro di sviluppo longitudinale ed incrementata del 20% per tener conto delle sovrapposizioni.

SOLETTA							
POSIZIONE	*Ø (mm)*	*n°/m (1/m) (1/mq)*	*LUNGH (mm)*	*QUANTITA' (num), (m), (mq)*	*TOT. QUANTITA' (num)*	*PESO (kg/cad)*	*TOT. PESO (kg)*
Correnti	16	10,00	4400	5,0	50	6,94	347
	14	10,00	4400	5,0	50	5,32	266
	14	5,00	4400	10,0	50	5,32	266
Trasversali	14	10,00	5000	4,4	44	6,04	266
	14	10,00	5000	4,4	44	6,04	266
Staffe	0	0,00	370	13,4	0	0,00	0
						TOTALE (kg)	**1.411**
						+20%	**1.693**
						INCIDENZA (kg/mc)	**307,8**
CLS	*QUANTITA' (n°)*	*SPESSORE (m)*	*LUNGH (mq) (m)*	*LUNGH (m) (mc)*	*VOLUME (mc/cad)*	*TOT. VOLUME (mc)*	
Soletta	1	0,25	4,40	5,00	5,50	5,5	
					TOTALE (mc)	**5,5**	

18 ALLEGATI DI CALCOLO

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1 MODELLO FEM_EST1_FASE1.ST7

1.1 BILL OF QUANTITIES

Model: Modello FEM_EST1_FASE1

Bill of materials

Selected groups:
Model
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso appoggio
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso campata
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Appoggi
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Trave centrale
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave esterna
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave interna

Included mass:
Structural Mass

	Mass kg	Volum... m^3	Length m	Ar... m^2	Co...	Mate...	Ty...	Section
Grand total:	2007397,420	141,705	1777,242					
Beam properties:								
55: Traverso appog...	112500,007	7,942	96,378		18		Bea...	
56: Traverso campa...	390545,882	27,569	696,193		136		Bea...	
58: FS1 - Trave C1	24969,667	1,763	19,000		6		Bea...	
59: FS1 - Trave C2	28390,459	2,004	22,011		6		Bea...	
60: FS1 - Trave C3	23551,213	1,663	19,000		6		Bea...	
61: FS1 - Trave C4	36576,662	2,582	20,000		8		Bea...	
62: FS1 - Trave C5	17180,877	1,213	14,000		4		Bea...	
63: FS1 - Trave C6	28390,791	2,004	22,012		8		Bea...	
64: FS1 - Trave C7	17180,890	1,213	14,000		4		Bea...	
65: FS1 - Trave C8	34140,130	2,410	20,000		8		Bea...	
66: FS1 - Trave C9	16306,285	1,151	14,000		4		Bea...	
67: FS1 - Trave C10	23231,444	1,640	18,011		6		Bea...	
68: FS1 - Trave C11	19635,341	1,386	16,000		6		Bea...	
69: FS1 - Trave C12	47868,575	3,379	23,999		8		Bea...	
70: FS1 - Trave C13	29116,256	2,055	21,001		6		Bea...	
71: FS1 - Trave C14	41013,961	2,895	28,027		10		Bea...	
72: FS1 - Trave C15	29115,335	2,055	21,000		6		Bea...	
73: FS1 - Trave C16	53479,559	3,775	24,000		8		Bea...	
74: FS1 - Trave C17	30671,150	2,165	21,000		6		Bea...	
75: FS1 - Trave C18	39647,093	2,799	28,024		10		Bea...	
76: FS1 - Trave C19	30671,199	2,165	21,000		6		Bea...	
77: FS1 - Trave C20	53479,853	3,775	24,000		8		Bea...	
78: FS1 - Trave C21	30671,217	2,165	21,000		6		Bea...	
79: FS1 - Trave C22	39638,759	2,798	28,018		10		Bea...	
80: FS1 - Trave C23	30671,025	2,165	21,000		6		Bea...	
81: FS1 - Trave C24	53479,519	3,775	24,000		8		Bea...	
82: FS1 - Trave C25	30670,949	2,165	21,000		6		Bea...	
83: FS1 - Trave C26	39616,932	2,797	28,003		10		Bea...	
84: FS1 - Trave C27	30670,826	2,165	21,000		6		Bea...	
85: FS1 - Trave C28	46090,702	3,254	22,058		8		Bea...	
86: FS1 - Trave C29	20942,567	1,478	17,981		6		Bea...	
87: FS1 - Trave C30	27532,335	1,944	22,212		6		Bea...	
88: FS1 - Trave C31	26552,578	1,874	20,205		6		Bea...	
172: FS1 - Centrale ...	11977,473	0,846	9,500		3		Bea...	
173: FS1 - Centrale ...	13725,958	0,969	11,006		3		Bea...	
174: FS1 - Centrale ...	11318,044	0,799	9,500		3		Bea...	
175: FS1 - Centrale ...	17707,520	1,250	10,000		4		Bea...	
176: FS1 - Centrale ...	8291,968	0,585	7,000		2		Bea...	
177: FS1 - Centrale ...	13726,153	0,969	11,006		4		Bea...	
178: FS1 - Centrale ...	8291,968	0,585	7,000		2		Bea...	
179: FS1 - Centrale ...	16545,911	1,168	10,000		4		Bea...	
180: FS1 - Centrale ...	7853,676	0,554	7,000		2		Bea...	
181: FS1 - Centrale ...	11231,767	0,793	9,006		3		Bea...	
182: FS1 - Centrale ...	9476,583	0,669	8,000		3		Bea...	
183: FS1 - Centrale ...	23254,975	1,642	12,000		4		Bea...	

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184: FS1 - Centrale ...	14112,924	0,996	10,500	3	Bea...
185: FS1 - Centrale ...	19911,425	1,406	14,014	5	Bea...
186: FS1 - Centrale ...	14112,924	0,996	10,500	3	Bea...
187: FS1 - Centrale ...	26059,847	1,840	12,000	4	Bea...
188: FS1 - Centrale ...	14835,794	1,047	10,500	3	Bea...
189: FS1 - Centrale ...	19230,071	1,357	14,012	5	Bea...
190: FS1 - Centrale ...	14835,805	1,047	10,500	3	Bea...
191: FS1 - Centrale ...	26059,851	1,840	12,000	4	Bea...
192: FS1 - Centrale ...	14835,775	1,047	10,500	3	Bea...
193: FS1 - Centrale ...	19226,022	1,357	14,009	5	Bea...
194: FS1 - Centrale ...	14835,733	1,047	10,500	3	Bea...
195: FS1 - Centrale ...	26059,791	1,840	12,000	4	Bea...
196: FS1 - Centrale ...	14835,696	1,047	10,500	3	Bea...
197: FS1 - Centrale ...	19215,426	1,356	14,001	5	Bea...
198: FS1 - Centrale ...	14835,633	1,047	10,500	3	Bea...
199: FS1 - Centrale ...	22467,247	1,586	11,029	4	Bea...
200: FS1 - Centrale ...	10064,777	0,710	8,971	3	Bea...
201: FS1 - Centrale ...	13166,279	0,929	11,051	3	Bea...
202: FS1 - Centrale ...	31094,370	2,195	10,000	3	Bea...
Total	2007397,420	141,705	1777,242	472	

Centre of mass

	Mass kg	CM(X) m	CM(... m	CM(... m
AutoCAD import: "Viadotto EST1_schema per straus ...	0,000			
Layer Appoggi	0,000			
Layer Trave centrale	503197,384	172,317	-7,979	0,000
Layer Traverso appoggio	112500,007	169,312	-5,320	0,000
Layer Traverso campata	390545,882	168,178	-7,929	0,000
Model	0,000			
Trave esterna	504764,729	166,693	####	0,000
Trave interna	496389,419	166,567	-3,359	0,000
Total:	2007397,420	168,507	-8,056	0,000

Local inertia

	Ixx kg.m^2	Iyy kg.m^2	Izz kg.m^2	Ixy kg.m^2	Iyz ...	Izx ...
AutoCAD import: "Viadotto EST1_schema per straus ...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	21648359,613	4450334136,398	4471982496,011	88877731,037	0,000	0,000
Layer Traverso appoggio	7749955,724	1428737445,902	1436487401,626	23375226,861	0,000	0,000
Layer Traverso campata	19925268,770	3498212639,567	3518137908,337	58776724,304	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	18909424,935	4278547052,062	4297456476,996	49942346,314	0,000	0,000
Trave interna	20551946,140	4061879527,288	4082431473,428	64115517,771	0,000	0,000
Total:	115334522,757	17728660228,430	17843994751,180	285890707,657	0,000	0,000

Global inertia

	IXX kg.m^2	IYY kg.m^2	IZZ kg.m^2	IXY kg.m^2	IYZ ...	IZX ...
AutoCAD import: "Viadotto EST1_schema per straus ...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	53682149,506	19391888639,270	19445570788,780	-602956510,402	0,000	0,000
Layer Traverso appoggio	10934172,096	4653736883,244	4664671055,340	-77961321,369	0,000	0,000
Layer Traverso campata	44476417,313	14544379555,030	14588855972,340	-461988179,246	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	110368657,772	18304288537,250	18414657195,020	-1082658005,185	0,000	0,000
Trave interna	26151150,709	17833948864,170	17860100014,880	-213576098,147	0,000	0,000
Total:	245612547,396	74728242478,960	74973855026,360	-2439140114,349	0,000	0,000

1.2 ELEMENT PROPERTIES SUMMARY

Model: Modello FEM_EST1_FASE1

Beam: Structural

	Material	E MPa	G MPa	ν	ρ kg/m³	Mass/Length kg/m	C kNs/m/m³	ξ	α /C	NonLinear	Hardening
55: Traverso appoggio	Steel - Modified	200000,000	80000,000	0,250	14166,000	1167,278	0,000	0,000	0,000	ElastoPlastic	Isotropic
56: Traverso campata	Steel - Modified	200000,000	80000,000	0,250	14166,000	560,974	0,000	0,000	0,000	ElastoPlastic	Isotropic
58: FS1 - Trave C1	Steel - Modified	200000,000	80000,000	0,250	14166,000	1314,180	0,000	0,000	0,000	ElastoPlastic	Isotropic
59: FS1 - Trave C2	Steel - Modified	200000,000	80000,000	0,250	14166,000	1289,814	0,000	0,000	0,000	ElastoPlastic	Isotropic
60: FS1 - Trave C3	Steel - Modified	200000,000	80000,000	0,250	14166,000	1239,525	0,000	0,000	0,000	ElastoPlastic	Isotropic
61: FS1 - Trave C4	Steel - Modified	200000,000	80000,000	0,250	14166,000	1828,831	0,000	0,000	0,000	ElastoPlastic	Isotropic
62: FS1 - Trave C5	Steel - Modified	200000,000	80000,000	0,250	14166,000	1227,201	0,000	0,000	0,000	ElastoPlastic	Isotropic
63: FS1 - Trave C6	Steel - Modified	200000,000	80000,000	0,250	14166,000	1289,814	0,000	0,000	0,000	ElastoPlastic	Isotropic
64: FS1 - Trave C7	Steel - Modified	200000,000	80000,000	0,250	14166,000	1227,201	0,000	0,000	0,000	ElastoPlastic	Isotropic
65: FS1 - Trave C8	Steel - Modified	200000,000	80000,000	0,250	14166,000	1707,003	0,000	0,000	0,000	ElastoPlastic	Isotropic
66: FS1 - Trave C9	Steel - Modified	200000,000	80000,000	0,250	14166,000	1164,729	0,000	0,000	0,000	ElastoPlastic	Isotropic
67: FS1 - Trave C10	Steel - Modified	200000,000	80000,000	0,250	14166,000	1289,814	0,000	0,000	0,000	ElastoPlastic	Isotropic
68: FS1 - Trave C11	Steel - Modified	200000,000	80000,000	0,250	14166,000	1227,201	0,000	0,000	0,000	ElastoPlastic	Isotropic
69: FS1 - Trave C12	Steel - Modified	200000,000	80000,000	0,250	14166,000	1994,573	0,000	0,000	0,000	ElastoPlastic	Isotropic
70: FS1 - Trave C13	Steel - Modified	200000,000	80000,000	0,250	14166,000	1386,426	0,000	0,000	0,000	ElastoPlastic	Isotropic
71: FS1 - Trave C14	Steel - Modified	200000,000	80000,000	0,250	14166,000	1463,348	0,000	0,000	0,000	ElastoPlastic	Isotropic
72: FS1 - Trave C15	Steel - Modified	200000,000	80000,000	0,250	14166,000	1386,426	0,000	0,000	0,000	ElastoPlastic	Isotropic
73: FS1 - Trave C16	Steel - Modified	200000,000	80000,000	0,250	14166,000	2228,312	0,000	0,000	0,000	ElastoPlastic	Isotropic
74: FS1 - Trave C17	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
75: FS1 - Trave C18	Steel - Modified	200000,000	80000,000	0,250	14166,000	1414,758	0,000	0,000	0,000	ElastoPlastic	Isotropic
76: FS1 - Trave C19	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
77: FS1 - Trave C20	Steel - Modified	200000,000	80000,000	0,250	14166,000	2228,312	0,000	0,000	0,000	ElastoPlastic	Isotropic
78: FS1 - Trave C21	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
79: FS1 - Trave C22	Steel - Modified	200000,000	80000,000	0,250	14166,000	1414,758	0,000	0,000	0,000	ElastoPlastic	Isotropic
80: FS1 - Trave C23	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
81: FS1 - Trave C24	Steel - Modified	200000,000	80000,000	0,250	14166,000	2228,312	0,000	0,000	0,000	ElastoPlastic	Isotropic
82: FS1 - Trave C25	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
83: FS1 - Trave C26	Steel - Modified	200000,000	80000,000	0,250	14166,000	1414,758	0,000	0,000	0,000	ElastoPlastic	Isotropic
84: FS1 - Trave C27	Steel - Modified	200000,000	80000,000	0,250	14166,000	1460,515	0,000	0,000	0,000	ElastoPlastic	Isotropic
85: FS1 - Trave C28	Steel - Modified	200000,000	80000,000	0,250	14166,000	2089,485	0,000	0,000	0,000	ElastoPlastic	Isotropic
86: FS1 - Trave C29	Steel - Modified	200000,000	80000,000	0,250	14166,000	1164,729	0,000	0,000	0,000	ElastoPlastic	Isotropic
87: FS1 - Trave C30	Steel - Modified	200000,000	80000,000	0,250	14166,000	1239,525	0,000	0,000	0,000	ElastoPlastic	Isotropic
88: FS1 - Trave C31	Steel - Modified	200000,000	80000,000	0,250	14166,000	1314,180	0,000	0,000	0,000	ElastoPlastic	Isotropic
172: FS1 - Centrale C1	Steel - Modified	200000,000	80000,000	0,250	14166,000	1260,774	0,000	0,000	0,000	ElastoPlastic	Isotropic
173: FS1 - Centrale C2	Steel - Modified	200000,000	80000,000	0,250	14166,000	1247,175	0,000	0,000	0,000	ElastoPlastic	Isotropic
174: FS1 - Centrale C3	Steel - Modified	200000,000	80000,000	0,250	14166,000	1191,361	0,000	0,000	0,000	ElastoPlastic	Isotropic
175: FS1 - Centrale C4	Steel - Modified	200000,000	80000,000	0,250	14166,000	1770,750	0,000	0,000	0,000	ElastoPlastic	Isotropic
176: FS1 - Centrale C5	Steel - Modified	200000,000	80000,000	0,250	14166,000	1184,561	0,000	0,000	0,000	ElastoPlastic	Isotropic

177: FS1 - Centrale C6	Steel - Modified	200000,000	80000,000	0,250	14166,000	1247,175	0,000	0,000	0,000	ElastoPlastic	Isotropic
178: FS1 - Centrale C7	Steel - Modified	200000,000	80000,000	0,250	14166,000	1184,561	0,000	0,000	0,000	ElastoPlastic	Isotropic
179: FS1 - Centrale C8	Steel - Modified	200000,000	80000,000	0,250	14166,000	1654,589	0,000	0,000	0,000	ElastoPlastic	Isotropic
180: FS1 - Centrale C9	Steel - Modified	200000,000	80000,000	0,250	14166,000	1121,947	0,000	0,000	0,000	ElastoPlastic	Isotropic
181: FS1 - Centrale C10	Steel - Modified	200000,000	80000,000	0,250	14166,000	1247,175	0,000	0,000	0,000	ElastoPlastic	Isotropic
182: FS1 - Centrale C11	Steel - Modified	200000,000	80000,000	0,250	14166,000	1184,561	0,000	0,000	0,000	ElastoPlastic	Isotropic
183: FS1 - Centrale C12	Steel - Modified	200000,000	80000,000	0,250	14166,000	1937,909	0,000	0,000	0,000	ElastoPlastic	Isotropic
184: FS1 - Centrale C13	Steel - Modified	200000,000	80000,000	0,250	14166,000	1344,070	0,000	0,000	0,000	ElastoPlastic	Isotropic
185: FS1 - Centrale C14	Steel - Modified	200000,000	80000,000	0,250	14166,000	1420,850	0,000	0,000	0,000	ElastoPlastic	Isotropic
186: FS1 - Centrale C15	Steel - Modified	200000,000	80000,000	0,250	14166,000	1344,070	0,000	0,000	0,000	ElastoPlastic	Isotropic
187: FS1 - Centrale C16	Steel - Modified	200000,000	80000,000	0,250	14166,000	2171,648	0,000	0,000	0,000	ElastoPlastic	Isotropic
188: FS1 - Centrale C17	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
189: FS1 - Centrale C18	Steel - Modified	200000,000	80000,000	0,250	14166,000	1372,402	0,000	0,000	0,000	ElastoPlastic	Isotropic
190: FS1 - Centrale C19	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
191: FS1 - Centrale C20	Steel - Modified	200000,000	80000,000	0,250	14166,000	2171,648	0,000	0,000	0,000	ElastoPlastic	Isotropic
192: FS1 - Centrale C21	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
193: FS1 - Centrale C22	Steel - Modified	200000,000	80000,000	0,250	14166,000	1372,402	0,000	0,000	0,000	ElastoPlastic	Isotropic
194: FS1 - Centrale C23	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
195: FS1 - Centrale C24	Steel - Modified	200000,000	80000,000	0,250	14166,000	2171,648	0,000	0,000	0,000	ElastoPlastic	Isotropic
196: FS1 - Centrale C25	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
197: FS1 - Centrale C26	Steel - Modified	200000,000	80000,000	0,250	14166,000	1372,402	0,000	0,000	0,000	ElastoPlastic	Isotropic
198: FS1 - Centrale C27	Steel - Modified	200000,000	80000,000	0,250	14166,000	1412,917	0,000	0,000	0,000	ElastoPlastic	Isotropic
199: FS1 - Centrale C28	Steel - Modified	200000,000	80000,000	0,250	14166,000	2037,071	0,000	0,000	0,000	ElastoPlastic	Isotropic
200: FS1 - Centrale C29	Steel - Modified	200000,000	80000,000	0,250	14166,000	1121,947	0,000	0,000	0,000	ElastoPlastic	Isotropic
201: FS1 - Centrale C30	Steel - Modified	200000,000	80000,000	0,250	14166,000	1191,361	0,000	0,000	0,000	ElastoPlastic	Isotropic
202: FS1 - Centrale C31	Steel - Modified	200000,000	80000,000	0,250	14166,000	3109,437	0,000	0,000	0,000	ElastoPlastic	Isotropic

Beam: Heat transfer

	Material	ρ kg/m^3	Cp J/kg/C	κ J/s/m/C
55: Traverso appoggio	Steel - Modified	14166,000	500,000	51,000
56: Traverso campata	Steel - Modified	14166,000	500,000	51,000
58: FS1 - Trave C1	Steel - Modified	14166,000	500,000	51,000
59: FS1 - Trave C2	Steel - Modified	14166,000	500,000	51,000
60: FS1 - Trave C3	Steel - Modified	14166,000	500,000	51,000
61: FS1 - Trave C4	Steel - Modified	14166,000	500,000	51,000
62: FS1 - Trave C5	Steel - Modified	14166,000	500,000	51,000
63: FS1 - Trave C6	Steel - Modified	14166,000	500,000	51,000
64: FS1 - Trave C7	Steel - Modified	14166,000	500,000	51,000
65: FS1 - Trave C8	Steel - Modified	14166,000	500,000	51,000
66: FS1 - Trave C9	Steel - Modified	14166,000	500,000	51,000
67: FS1 - Trave C10	Steel - Modified	14166,000	500,000	51,000
68: FS1 - Trave C11	Steel - Modified	14166,000	500,000	51,000
69: FS1 - Trave C12	Steel - Modified	14166,000	500,000	51,000
70: FS1 - Trave C13	Steel - Modified	14166,000	500,000	51,000

71: FS1 - Trave C14	Steel - Modified	14166,000	500,000	51,000
72: FS1 - Trave C15	Steel - Modified	14166,000	500,000	51,000
73: FS1 - Trave C16	Steel - Modified	14166,000	500,000	51,000
74: FS1 - Trave C17	Steel - Modified	14166,000	500,000	51,000
75: FS1 - Trave C18	Steel - Modified	14166,000	500,000	51,000
76: FS1 - Trave C19	Steel - Modified	14166,000	500,000	51,000
77: FS1 - Trave C20	Steel - Modified	14166,000	500,000	51,000
78: FS1 - Trave C21	Steel - Modified	14166,000	500,000	51,000
79: FS1 - Trave C22	Steel - Modified	14166,000	500,000	51,000
80: FS1 - Trave C23	Steel - Modified	14166,000	500,000	51,000
81: FS1 - Trave C24	Steel - Modified	14166,000	500,000	51,000
82: FS1 - Trave C25	Steel - Modified	14166,000	500,000	51,000
83: FS1 - Trave C26	Steel - Modified	14166,000	500,000	51,000
84: FS1 - Trave C27	Steel - Modified	14166,000	500,000	51,000
85: FS1 - Trave C28	Steel - Modified	14166,000	500,000	51,000
86: FS1 - Trave C29	Steel - Modified	14166,000	500,000	51,000
87: FS1 - Trave C30	Steel - Modified	14166,000	500,000	51,000
88: FS1 - Trave C31	Steel - Modified	14166,000	500,000	51,000
172: FS1 - Centrale C1	Steel - Modified	14166,000	500,000	51,000
173: FS1 - Centrale C2	Steel - Modified	14166,000	500,000	51,000
174: FS1 - Centrale C3	Steel - Modified	14166,000	500,000	51,000
175: FS1 - Centrale C4	Steel - Modified	14166,000	500,000	51,000
176: FS1 - Centrale C5	Steel - Modified	14166,000	500,000	51,000
177: FS1 - Centrale C6	Steel - Modified	14166,000	500,000	51,000
178: FS1 - Centrale C7	Steel - Modified	14166,000	500,000	51,000
179: FS1 - Centrale C8	Steel - Modified	14166,000	500,000	51,000
180: FS1 - Centrale C9	Steel - Modified	14166,000	500,000	51,000
181: FS1 - Centrale C10	Steel - Modified	14166,000	500,000	51,000
182: FS1 - Centrale C11	Steel - Modified	14166,000	500,000	51,000
183: FS1 - Centrale C12	Steel - Modified	14166,000	500,000	51,000
184: FS1 - Centrale C13	Steel - Modified	14166,000	500,000	51,000
185: FS1 - Centrale C14	Steel - Modified	14166,000	500,000	51,000
186: FS1 - Centrale C15	Steel - Modified	14166,000	500,000	51,000
187: FS1 - Centrale C16	Steel - Modified	14166,000	500,000	51,000
188: FS1 - Centrale C17	Steel - Modified	14166,000	500,000	51,000
189: FS1 - Centrale C18	Steel - Modified	14166,000	500,000	51,000
190: FS1 - Centrale C19	Steel - Modified	14166,000	500,000	51,000
191: FS1 - Centrale C20	Steel - Modified	14166,000	500,000	51,000
192: FS1 - Centrale C21	Steel - Modified	14166,000	500,000	51,000
193: FS1 - Centrale C22	Steel - Modified	14166,000	500,000	51,000
194: FS1 - Centrale C23	Steel - Modified	14166,000	500,000	51,000
195: FS1 - Centrale C24	Steel - Modified	14166,000	500,000	51,000
196: FS1 - Centrale C25	Steel - Modified	14166,000	500,000	51,000
197: FS1 - Centrale C26	Steel - Modified	14166,000	500,000	51,000
198: FS1 - Centrale C27	Steel - Modified	14166,000	500,000	51,000
199: FS1 - Centrale C28	Steel - Modified	14166,000	500,000	51,000
200: FS1 - Centrale C29	Steel - Modified	14166,000	500,000	51,000

201: FS1 - Centrale C30	Steel - Modified	14166,000	500,000	51,000
202: FS1 - Centrale C31	Steel - Modified	14166,000	500,000	51,000

Beam: Sections

	Section	Section Type	Area m^2	I11 m^4	I22 m^4	J m^4	SL1 m	SL2 m	SA1 m^2	SA2 m^2
55: Traverso appoggio	Undefined Section	Undefined Section	0,082	0,086	0,002	0,000	0,000	0,000	0,000	0,000
56: Traverso campata	Undefined Section	Undefined Section	0,040	0,036	0,000	0,000	0,000	0,000	0,000	0,000
58: FS1 - Trave C1	Undefined Section	Undefined Section	0,093	0,087	0,002	0,029	0,000	0,000	0,000	0,000
59: FS1 - Trave C2	Undefined Section	Undefined Section	0,091	0,092	0,003	0,029	0,000	0,000	0,000	0,000
60: FS1 - Trave C3	Undefined Section	Undefined Section	0,088	0,085	0,002	0,029	0,000	0,000	0,000	0,000
61: FS1 - Trave C4	Undefined Section	Undefined Section	0,129	0,135	0,004	0,029	0,000	0,000	0,000	0,000
62: FS1 - Trave C5	Undefined Section	Undefined Section	0,087	0,087	0,003	0,029	0,000	0,000	0,000	0,000
63: FS1 - Trave C6	Undefined Section	Undefined Section	0,091	0,092	0,003	0,029	0,000	0,000	0,000	0,000
64: FS1 - Trave C7	Undefined Section	Undefined Section	0,087	0,087	0,003	0,029	0,000	0,000	0,000	0,000
65: FS1 - Trave C8	Undefined Section	Undefined Section	0,121	0,127	0,004	0,029	0,000	0,000	0,000	0,000
66: FS1 - Trave C9	Undefined Section	Undefined Section	0,082	0,082	0,002	0,029	0,000	0,000	0,000	0,000
67: FS1 - Trave C10	Undefined Section	Undefined Section	0,091	0,092	0,003	0,029	0,000	0,000	0,000	0,000
68: FS1 - Trave C11	Undefined Section	Undefined Section	0,087	0,087	0,003	0,029	0,000	0,000	0,000	0,000
69: FS1 - Trave C12	Undefined Section	Undefined Section	0,141	0,152	0,004	0,029	0,000	0,000	0,000	0,000
70: FS1 - Trave C13	Undefined Section	Undefined Section	0,098	0,105	0,003	0,029	0,000	0,000	0,000	0,000
71: FS1 - Trave C14	Undefined Section	Undefined Section	0,103	0,108	0,004	0,029	0,000	0,000	0,000	0,000
72: FS1 - Trave C15	Undefined Section	Undefined Section	0,098	0,105	0,003	0,029	0,000	0,000	0,000	0,000
73: FS1 - Trave C16	Undefined Section	Undefined Section	0,157	0,176	0,005	0,029	0,000	0,000	0,000	0,000
74: FS1 - Trave C17	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
75: FS1 - Trave C18	Undefined Section	Undefined Section	0,100	0,101	0,003	0,029	0,000	0,000	0,000	0,000
76: FS1 - Trave C19	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
77: FS1 - Trave C20	Undefined Section	Undefined Section	0,157	0,176	0,005	0,029	0,000	0,000	0,000	0,000
78: FS1 - Trave C21	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
79: FS1 - Trave C22	Undefined Section	Undefined Section	0,100	0,101	0,003	0,029	0,000	0,000	0,000	0,000
80: FS1 - Trave C23	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
81: FS1 - Trave C24	Undefined Section	Undefined Section	0,157	0,176	0,005	0,029	0,000	0,000	0,000	0,000
82: FS1 - Trave C25	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
83: FS1 - Trave C26	Undefined Section	Undefined Section	0,100	0,101	0,003	0,029	0,000	0,000	0,000	0,000
84: FS1 - Trave C27	Undefined Section	Undefined Section	0,103	0,108	0,003	0,029	0,000	0,000	0,000	0,000
85: FS1 - Trave C28	Undefined Section	Undefined Section	0,148	0,166	0,005	0,029	0,000	0,000	0,000	0,000
86: FS1 - Trave C29	Undefined Section	Undefined Section	0,082	0,082	0,002	0,029	0,000	0,000	0,000	0,000
87: FS1 - Trave C30	Undefined Section	Undefined Section	0,088	0,085	0,002	0,029	0,000	0,000	0,000	0,000
88: FS1 - Trave C31	Undefined Section	Undefined Section	0,093	0,087	0,002	0,029	0,000	0,000	0,000	0,000
172: FS1 - Centrale C1	Undefined Section	Undefined Section	0,089	0,085	0,002	0,029	0,000	0,000	0,000	0,000
173: FS1 - Centrale C2	Undefined Section	Undefined Section	0,088	0,091	0,003	0,029	0,000	0,000	0,000	0,000
174: FS1 - Centrale C3	Undefined Section	Undefined Section	0,084	0,083	0,002	0,029	0,000	0,000	0,000	0,000
175: FS1 - Centrale C4	Undefined Section	Undefined Section	0,125	0,133	0,004	0,029	0,000	0,000	0,000	0,000
176: FS1 - Centrale C5	Undefined Section	Undefined Section	0,084	0,086	0,003	0,029	0,000	0,000	0,000	0,000
177: FS1 - Centrale C6	Undefined Section	Undefined Section	0,088	0,091	0,003	0,029	0,000	0,000	0,000	0,000

178: FS1 - Centrale C7	Undefined Section	Undefined Section	0,084	0,086	0,003	0,029	0,000	0,000	0,000	0,000
179: FS1 - Centrale C8	Undefined Section	Undefined Section	0,117	0,125	0,002	0,029	0,000	0,000	0,000	0,000
180: FS1 - Centrale C9	Undefined Section	Undefined Section	0,079	0,080	0,002	0,029	0,000	0,000	0,000	0,000
181: FS1 - Centrale C10	Undefined Section	Undefined Section	0,088	0,091	0,003	0,029	0,000	0,000	0,000	0,000
182: FS1 - Centrale C11	Undefined Section	Undefined Section	0,084	0,086	0,003	0,029	0,000	0,000	0,000	0,000
183: FS1 - Centrale C12	Undefined Section	Undefined Section	0,137	0,150	0,004	0,029	0,000	0,000	0,000	0,000
184: FS1 - Centrale C13	Undefined Section	Undefined Section	0,095	0,103	0,003	0,029	0,000	0,000	0,000	0,000
185: FS1 - Centrale C14	Undefined Section	Undefined Section	0,100	0,107	0,004	0,029	0,000	0,000	0,000	0,000
186: FS1 - Centrale C15	Undefined Section	Undefined Section	0,095	0,103	0,003	0,029	0,000	0,000	0,000	0,000
187: FS1 - Centrale C16	Undefined Section	Undefined Section	0,153	0,174	0,005	0,029	0,000	0,000	0,000	0,000
188: FS1 - Centrale C17	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
189: FS1 - Centrale C18	Undefined Section	Undefined Section	0,097	0,099	0,003	0,029	0,000	0,000	0,000	0,000
190: FS1 - Centrale C19	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
191: FS1 - Centrale C20	Undefined Section	Undefined Section	0,153	0,174	0,005	0,029	0,000	0,000	0,000	0,000
192: FS1 - Centrale C21	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
193: FS1 - Centrale C22	Undefined Section	Undefined Section	0,097	0,099	0,003	0,029	0,000	0,000	0,000	0,000
194: FS1 - Centrale C23	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
195: FS1 - Centrale C24	Undefined Section	Undefined Section	0,153	0,174	0,005	0,029	0,000	0,000	0,000	0,000
196: FS1 - Centrale C25	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
197: FS1 - Centrale C26	Undefined Section	Undefined Section	0,097	0,099	0,003	0,029	0,000	0,000	0,000	0,000
198: FS1 - Centrale C27	Undefined Section	Undefined Section	0,100	0,106	0,003	0,029	0,000	0,000	0,000	0,000
199: FS1 - Centrale C28	Undefined Section	Undefined Section	0,144	0,164	0,005	0,029	0,000	0,000	0,000	0,000
200: FS1 - Centrale C29	Undefined Section	Undefined Section	0,079	0,080	0,002	0,029	0,000	0,000	0,000	0,000
201: FS1 - Centrale C30	Undefined Section	Undefined Section	0,084	0,083	0,002	0,029	0,000	0,000	0,000	0,000
202: FS1 - Centrale C31	Undefined Section	Undefined Section	0,220	0,196	0,002	0,029	0,000	0,000	0,000	0,000

Beam: Geometry

	Section	Section Type
55: Traverso appoggio	Undefined Section	Undefined Section
56: Traverso campata	Undefined Section	Undefined Section
58: FS1 - Trave C1	Undefined Section	Undefined Section
59: FS1 - Trave C2	Undefined Section	Undefined Section
60: FS1 - Trave C3	Undefined Section	Undefined Section
61: FS1 - Trave C4	Undefined Section	Undefined Section
62: FS1 - Trave C5	Undefined Section	Undefined Section
63: FS1 - Trave C6	Undefined Section	Undefined Section
64: FS1 - Trave C7	Undefined Section	Undefined Section
65: FS1 - Trave C8	Undefined Section	Undefined Section
66: FS1 - Trave C9	Undefined Section	Undefined Section
67: FS1 - Trave C10	Undefined Section	Undefined Section
68: FS1 - Trave C11	Undefined Section	Undefined Section
69: FS1 - Trave C12	Undefined Section	Undefined Section
70: FS1 - Trave C13	Undefined Section	Undefined Section
71: FS1 - Trave C14	Undefined Section	Undefined Section

72: FS1 - Trave C15	Undefined Section	Undefined Section
73: FS1 - Trave C16	Undefined Section	Undefined Section
74: FS1 - Trave C17	Undefined Section	Undefined Section
75: FS1 - Trave C18	Undefined Section	Undefined Section
76: FS1 - Trave C19	Undefined Section	Undefined Section
77: FS1 - Trave C20	Undefined Section	Undefined Section
78: FS1 - Trave C21	Undefined Section	Undefined Section
79: FS1 - Trave C22	Undefined Section	Undefined Section
80: FS1 - Trave C23	Undefined Section	Undefined Section
81: FS1 - Trave C24	Undefined Section	Undefined Section
82: FS1 - Trave C25	Undefined Section	Undefined Section
83: FS1 - Trave C26	Undefined Section	Undefined Section
84: FS1 - Trave C27	Undefined Section	Undefined Section
85: FS1 - Trave C28	Undefined Section	Undefined Section
86: FS1 - Trave C29	Undefined Section	Undefined Section
87: FS1 - Trave C30	Undefined Section	Undefined Section
88: FS1 - Trave C31	Undefined Section	Undefined Section
172: FS1 - Centrale C1	Undefined Section	Undefined Section
173: FS1 - Centrale C2	Undefined Section	Undefined Section
174: FS1 - Centrale C3	Undefined Section	Undefined Section
175: FS1 - Centrale C4	Undefined Section	Undefined Section
176: FS1 - Centrale C5	Undefined Section	Undefined Section
177: FS1 - Centrale C6	Undefined Section	Undefined Section
178: FS1 - Centrale C7	Undefined Section	Undefined Section
179: FS1 - Centrale C8	Undefined Section	Undefined Section
180: FS1 - Centrale C9	Undefined Section	Undefined Section
181: FS1 - Centrale C10	Undefined Section	Undefined Section
182: FS1 - Centrale C11	Undefined Section	Undefined Section
183: FS1 - Centrale C12	Undefined Section	Undefined Section
184: FS1 - Centrale C13	Undefined Section	Undefined Section
185: FS1 - Centrale C14	Undefined Section	Undefined Section
186: FS1 - Centrale C15	Undefined Section	Undefined Section
187: FS1 - Centrale C16	Undefined Section	Undefined Section
188: FS1 - Centrale C17	Undefined Section	Undefined Section
189: FS1 - Centrale C18	Undefined Section	Undefined Section
190: FS1 - Centrale C19	Undefined Section	Undefined Section
191: FS1 - Centrale C20	Undefined Section	Undefined Section
192: FS1 - Centrale C21	Undefined Section	Undefined Section
193: FS1 - Centrale C22	Undefined Section	Undefined Section
194: FS1 - Centrale C23	Undefined Section	Undefined Section
195: FS1 - Centrale C24	Undefined Section	Undefined Section
196: FS1 - Centrale C25	Undefined Section	Undefined Section
197: FS1 - Centrale C26	Undefined Section	Undefined Section
198: FS1 - Centrale C27	Undefined Section	Undefined Section
199: FS1 - Centrale C28	Undefined Section	Undefined Section
200: FS1 - Centrale C29	Undefined Section	Undefined Section
201: FS1 - Centrale C30	Undefined Section	Undefined Section

202: FS1 - Centrale C31	Undefined Section	Undefined Section

1.3 INPUT MODEL FILE

1.3.1 GENERAL DATA AND LOAD CASES

```
/
/
_____________________________________________________________________
_________
/ STRAUS7 MODEL EXCHANGE FILE

/
_____________________________________________________________________
_________
/ MODEL INFORMATION

   FileFormat           Straus7.2.3.3
   ModelName            "Modello FEM_EST1_FASE1"
   Title                ""
   Project              ""
   Author               ""
   Reference            ""
   Comments             ""

/
_____________________________________________________________________
_________
/ UNITS

   LengthUnit           m
   MassUnit             kg
   EnergyUnit           J
   PressureUnit         MPa
   ForceUnit            kN
   TemperatureUnit      C

/
_____________________________________________________________________
_________
/ GROUP DEFINITIONS

   Group                    1    16711680   "\\Model"
   Group                    2    16757299   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'"
   Group                    3         255   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
appoggio"
   Group                    4    16711724   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
campata"
   Group                    5    16768512   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Appoggi"
   Group                    6    13107455   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Trave centrale"
   Group                    7    13380024   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave esterna"
   Group                    8     5426217   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave interna"

/
_____________________________________________________________________
_________
/ FREEDOM CASE DEFINITIONS

   FreedomCase              1       0       1   "Freedom Case 1"


/
_____________________________________________________________________
_________
/ LOAD CASE DEFINITIONS

   LoadCase                12       1   "p.p."
     Gravity                3    -9.81000000000000E+0
     LCInclude              3

   LoadCase                13       0   "Soletta"
     LCInclude              3

   LoadCase                14       0   "Perm. non strutturale"
     LCInclude              3

   LoadCase                15       0   "Ritiro"
     LCInclude              3

   LoadCase                16       0   "DT_M_Cool"
     LCInclude              3

   LoadCase                17       0   "DT_M_Heat"
     LCInclude              3

   LoadCase                18       0   "Vento ponte carico -Y"
     LCInclude              3

   LoadCase                19       0   "Vento ponte carico +Y"
     LCInclude              3

   LoadCase                20       0   "Traffico distribuito 1"
     LCInclude              3

   LoadCase                21       0   "Traffico tandem 1a -
spalla 1"
     LCInclude              3

   LoadCase                22       0   "Traffico tandem 1b -
campata 1"
     LCInclude              3

   LoadCase                23       0   "Traffico tandem 1c - sx
pila 1"
     LCInclude              3

   LoadCase                24       0   "Traffico tandem 1c' - dx
pila 1"
     LCInclude              3

   LoadCase                25       0   "Traffico tandem 1d -
campata 2"
     LCInclude              3

   LoadCase                26       0   "Traffico tandem 1e - sx
pila 2"
     LCInclude              3

   LoadCase                27       0   "Traffico tandem 1e' - dx
pila 2"
     LCInclude              3

   LoadCase                28       0   "Traffico tandem 1f -
campata 3"
     LCInclude              3

   LoadCase                29       0   "Traffico tandem 1g - sx
pila 3"
     LCInclude              3

   LoadCase                30       0   "Traffico tandem 1g' - dx
pila 3"
     LCInclude              3

   LoadCase                31       0   "Traffico tandem 1h -
campata 4"
     LCInclude              3

   LoadCase                32       0   "Traffico tandem 1i - sx
pila 4"
     LCInclude              3

   LoadCase                33       0   "Traffico tandem 1i' - dx
pila 4"
     LCInclude              3

   LoadCase                34       0   "Traffico tandem 1l -
campata 5"
     LCInclude              3

   LoadCase                35       0   "Traffico tandem 1m - sx
pila 5"
     LCInclude              3

   LoadCase                36       0   "Traffico tandem 1m' - dx
pila 5"
     LCInclude              3

   LoadCase                37       0   "nTraffico tandem 1n -
campata 6"
     LCInclude              3

   LoadCase                38       0   "Traffico tandem 1o - sx
pila 6"
     LCInclude              3

   LoadCase                39       0   "Traffico tandem 1o' - dx
pila 6"
     LCInclude              3

   LoadCase                43       0   "Traffico tandem 1p -
campata 7"
     LCInclude              3

   LoadCase                44       0   "Traffico tandem 1q - sx
pila 7"
     LCInclude              3

   LoadCase                45       0   "Traffico tandem 1q' - dx
pila 7"
     LCInclude              3

   LoadCase                46       0   "Traffico tandem 1r -
campata 8"
     LCInclude              3

   LoadCase                47       0   "Traffico tandem 1s - pila
8"
     LCInclude              3

   LoadCase                48       0   "Traffico distribuito 2"
     LCInclude              3

   LoadCase                49       0   "Traffico tandem 2a -
spalla 1"
     LCInclude              3

   LoadCase                50       0   "Traffico tandem 2b -
campata 1"
     LCInclude              3

   LoadCase                51       0   "Traffico tandem 2c - sx
pila 1"
     LCInclude              3

   LoadCase                52       0   "Traffico tandem 2c' - dx
pila 1"
     LCInclude              3
```

```
   LoadCase                53       0   "Traffico tandem 2d -
campata 2"
     LCInclude              3

   LoadCase                54       0   "Traffico tandem 2e - sx
pila 2"
     LCInclude              3

   LoadCase                55       0   "Traffico tandem 2e' - dx
pila 2"
     LCInclude              3

   LoadCase                56       0   "Traffico tandem 2f -
campata 3"
     LCInclude              3

   LoadCase                57       0   "Traffico tandem 2g - sx
pila 3"
     LCInclude              3

   LoadCase                58       0   "Traffico tandem 2g' - dx
pila 3"
     LCInclude              3

   LoadCase                59       0   "Traffico tandem 2h -
campata 4"
     LCInclude              3

   LoadCase                60       0   "Traffico tandem 2i - sx
pila 4"
     LCInclude              3

   LoadCase                61       0   "Traffico tandem 2i' - dx
pila 4"
     LCInclude              3

   LoadCase                62       0   "Traffico tandem 2l -
campata 5"
     LCInclude              3

   LoadCase                63       0   "Traffico tandem 2m - sx
pila 5"
     LCInclude              3

   LoadCase                64       0   "Traffico tandem 2m' - dx
pila 5"
     LCInclude              3

   LoadCase                65       0   "nTraffico tandem 2n -
campata 6"
     LCInclude              3

   LoadCase                66       0   "Traffico tandem 2o - sx
pila 6"
     LCInclude              3

   LoadCase                67       0   "Traffico tandem 2o' - dx
pila 6"
     LCInclude              3

   LoadCase                68       0   "Traffico tandem 2p -
campata 7"
     LCInclude              3

   LoadCase                69       0   "Traffico tandem 2q - sx
pila 7"
     LCInclude              3

   LoadCase                70       0   "Traffico tandem 2q' - dx
pila 7"
     LCInclude              3

   LoadCase                71       0   "Traffico tandem 2r -
campata 8"
     LCInclude              3

   LoadCase                72       0   "Traffico tandem 2s - pila
8"
     LCInclude              3


/
```

```
/ LOAD CASE COMBINATIONS

   LoadCaseCombination      73   "1A_FR"
      12        1.00000000000000E+0
      13        1.00000000000000E+0

   LoadCaseCombination      74   "2A_FR"
      14        1.00000000000000E+0

   LoadCaseCombination      75   "2B_FR"
      15        1.00000000000000E+0

   LoadCaseCombination      76   "3A_FR1"
      16        5.00000000000000E-1

   LoadCaseCombination      77   "3A_FR2"
      17        5.00000000000000E-1

   LoadCaseCombination      78   "3B_FR1"
      20        4.00000000000000E-1
      21        7.50000000000000E-1

   LoadCaseCombination      79   "3B_FR2"
      20        4.00000000000000E-1
      22        7.50000000000000E-1

   LoadCaseCombination      80   "3B_FR3"
      20        4.00000000000000E-1
      23        7.50000000000000E-1

   LoadCaseCombination      81   "3B_FR4"
      20        4.00000000000000E-1
      24        7.50000000000000E-1

   LoadCaseCombination      82   "3B_FR5"
      20        4.00000000000000E-1
      25        7.50000000000000E-1

   LoadCaseCombination      83   "3B_FR6"
      20        4.00000000000000E-1
      26        7.50000000000000E-1

   LoadCaseCombination      84   "3B_FR7"
      20        4.00000000000000E-1
      27        7.50000000000000E-1

   LoadCaseCombination      85   "3B_FR8"
      20        4.00000000000000E-1
      28        7.50000000000000E-1

   LoadCaseCombination      86   "3B_FR9"
      20        4.00000000000000E-1
      29        7.50000000000000E-1

   LoadCaseCombination      87   "3B_FR10"
      20        4.00000000000000E-1
      30        7.50000000000000E-1

   LoadCaseCombination      88   "3B_FR11"
      20        4.00000000000000E-1
      31        7.50000000000000E-1

   LoadCaseCombination      89   "3B_FR12"
      20        4.00000000000000E-1
      32        7.50000000000000E-1

   LoadCaseCombination      90   "3B_FR13"
      20        4.00000000000000E-1
      33        7.50000000000000E-1

   LoadCaseCombination      91   "3B_FR14"
      20        4.00000000000000E-1
      34        7.50000000000000E-1

   LoadCaseCombination      92   "3B_FR15"
      20        4.00000000000000E-1
      35        7.50000000000000E-1

   LoadCaseCombination      93   "3B_FR16"
      20        4.00000000000000E-1
      36        7.50000000000000E-1

   LoadCaseCombination      94   "3B_FR17"
      20        4.00000000000000E-1
      37        7.50000000000000E-1

   LoadCaseCombination      95   "3B_FR18"
      20        4.00000000000000E-1
      38        7.50000000000000E-1

   LoadCaseCombination      96   "3B_FR19"
      20        4.00000000000000E-1
      39        7.50000000000000E-1

   LoadCaseCombination      97   "3B_FR20"
      20        4.00000000000000E-1
      43        7.50000000000000E-1

   LoadCaseCombination      98   "3B_FR21"
      20        4.00000000000000E-1
      44        7.50000000000000E-1

   LoadCaseCombination      99   "3B_FR22"
      20        4.00000000000000E-1
      45        7.50000000000000E-1

   LoadCaseCombination     100   "3B_FR23"
      20        4.00000000000000E-1
      46        7.50000000000000E-1

   LoadCaseCombination     101   "3B_FR24"
      20        4.00000000000000E-1
      47        7.50000000000000E-1

   LoadCaseCombination     102   "3B_FR25"
      48        4.00000000000000E-1
      49        7.50000000000000E-1

   LoadCaseCombination     103   "3B_FR26"
      48        4.00000000000000E-1
      50        7.50000000000000E-1

   LoadCaseCombination     104   "3B_FR27"
      48        4.00000000000000E-1
      51        7.50000000000000E-1

   LoadCaseCombination     105   "3B_FR28"
      48        4.00000000000000E-1
      52        7.50000000000000E-1

   LoadCaseCombination     106   "3B_FR29"
      48        4.00000000000000E-1
      53        7.50000000000000E-1

   LoadCaseCombination     107   "3B_FR30"
      48        4.00000000000000E-1
      54        7.50000000000000E-1
```

```
LoadCaseCombination     108   "3B_FR31"
   48        4.00000000000000E-1
   55        7.50000000000000E-1

LoadCaseCombination     109   "3B_FR32"
   48        4.00000000000000E-1
   56        7.50000000000000E-1

LoadCaseCombination     110   "3B_FR33"
   48        4.00000000000000E-1
   57        7.50000000000000E-1

LoadCaseCombination     111   "3B_FR34"
   48        4.00000000000000E-1
   58        7.50000000000000E-1

LoadCaseCombination     112   "3B_FR35"
   48        4.00000000000000E-1
   59        7.50000000000000E-1

LoadCaseCombination     113   "3B_FR36"
   48        4.00000000000000E-1
   60        7.50000000000000E-1

LoadCaseCombination     114   "3B_FR37"
   48        4.00000000000000E-1
   61        7.50000000000000E-1

LoadCaseCombination     115   "3B_FR38"
   48        4.00000000000000E-1
   62        7.50000000000000E-1

LoadCaseCombination     116   "3B_FR39"
   48        4.00000000000000E-1
   63        7.50000000000000E-1

LoadCaseCombination     117   "3B_FR40"
   48        4.00000000000000E-1
   64        7.50000000000000E-1

LoadCaseCombination     118   "3B_FR41"
   48        4.00000000000000E-1
   65        7.50000000000000E-1

LoadCaseCombination     119   "3B_FR42"
   48        4.00000000000000E-1
   66        7.50000000000000E-1

LoadCaseCombination     120   "3B_FR43"
   48        4.00000000000000E-1
   67        7.50000000000000E-1

LoadCaseCombination     121   "3B_FR44"
   48        4.00000000000000E-1
   68        7.50000000000000E-1

LoadCaseCombination     122   "3B_FR45"
   48        4.00000000000000E-1
   69        7.50000000000000E-1

LoadCaseCombination     123   "3B_FR46"
   48        4.00000000000000E-1
   70        7.50000000000000E-1

LoadCaseCombination     124   "3B_FR47"
   48        4.00000000000000E-1
   71        7.50000000000000E-1

LoadCaseCombination     125   "3B_FR48"
   48        4.00000000000000E-1
   72        7.50000000000000E-1

LoadCaseCombination     126   "1A_RA"
   12        1.00000000000000E+0
   13        1.00000000000000E+0

LoadCaseCombination     127   "2A_RA"
   14        1.00000000000000E+0

LoadCaseCombination     128   "2B_RA"
   15        1.00000000000000E+0

LoadCaseCombination     129   "3A_RA1"
   16        6.00000000000000E-1

LoadCaseCombination     130   "3A_RA2"
   17        6.00000000000000E-1

LoadCaseCombination     131   "3B_RA1"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     132   "3B_RA2"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     133   "3B_RA3"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     134   "3B_RA4"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     135   "3B_RA5"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     136   "3B_RA6"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     137   "3B_RA7"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     138   "3B_RA8"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     139   "3B_RA9"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     140   "3B_RA10"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     141   "3B_RA11"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     142   "3B_RA12"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     143   "3B_RA13"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     144   "3B_RA14"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     145   "3B_RA15"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     146   "3B_RA16"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     147   "3B_RA17"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     148   "3B_RA18"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     149   "3B_RA19"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   39        1.00000000000000E+0

LoadCaseCombination     150   "3B_RA20"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   43        1.00000000000000E+0

LoadCaseCombination     151   "3B_RA21"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   44        1.00000000000000E+0

LoadCaseCombination     152   "3B_RA22"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   45        1.00000000000000E+0

LoadCaseCombination     153   "3B_RA23"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   46        1.00000000000000E+0

LoadCaseCombination     154   "3B_RA24"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   47        1.00000000000000E+0

LoadCaseCombination     155   "3B_RA25"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   49        1.00000000000000E+0

LoadCaseCombination     156   "3B_RA26"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   50        1.00000000000000E+0

LoadCaseCombination     157   "3B_RA27"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   51        1.00000000000000E+0
```

```
LoadCaseCombination     158   "3B_RA28"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   52        1.00000000000000E+0

LoadCaseCombination     159   "3B_RA29"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   53        1.00000000000000E+0

LoadCaseCombination     160   "3B_RA30"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   54        1.00000000000000E+0

LoadCaseCombination     161   "3B_RA31"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   55        1.00000000000000E+0

LoadCaseCombination     162   "3B_RA32"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   56        1.00000000000000E+0

LoadCaseCombination     163   "3B_RA33"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   57        1.00000000000000E+0

LoadCaseCombination     164   "3B_RA34"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   58        1.00000000000000E+0

LoadCaseCombination     165   "3B_RA35"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   59        1.00000000000000E+0

LoadCaseCombination     166   "3B_RA36"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   60        1.00000000000000E+0

LoadCaseCombination     167   "3B_RA37"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   61        1.00000000000000E+0

LoadCaseCombination     168   "3B_RA38"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   62        1.00000000000000E+0

LoadCaseCombination     169   "3B_RA39"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   63        1.00000000000000E+0

LoadCaseCombination     170   "3B_RA40"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   64        1.00000000000000E+0

LoadCaseCombination     171   "3B_RA41"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   65        1.00000000000000E+0

LoadCaseCombination     172   "3B_RA42"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   66        1.00000000000000E+0

LoadCaseCombination     173   "3B_RA43"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   67        1.00000000000000E+0

LoadCaseCombination     174   "3B_RA44"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   68        1.00000000000000E+0

LoadCaseCombination     175   "3B_RA45"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   69        1.00000000000000E+0

LoadCaseCombination     176   "3B_RA46"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   70        1.00000000000000E+0

LoadCaseCombination     177   "3B_RA47"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   71        1.00000000000000E+0

LoadCaseCombination     178   "3B_RA48"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   72        1.00000000000000E+0

LoadCaseCombination     179   "3B_RA49"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     180   "3B_RA50"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     181   "3B_RA51"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     182   "3B_RA52"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     183   "3B_RA53"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     184   "3B_RA54"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     185   "3B_RA55"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     186   "3B_RA56"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     187   "3B_RA57"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     188   "3B_RA58"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     189   "3B_RA59"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     190   "3B_RA60"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     191   "3B_RA61"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     192   "3B_RA62"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     193   "3B_RA63"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     194   "3B_RA64"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     195   "3B_RA65"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     196   "3B_RA66"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     197   "3B_RA67"
   39        1.00000000000000E+0

LoadCaseCombination     198   "3B_RA68"
   43        1.00000000000000E+0

LoadCaseCombination     199   "3B_RA69"
   44        1.00000000000000E+0

LoadCaseCombination     200   "3B_RA70"
   45        1.00000000000000E+0

LoadCaseCombination     201   "3B_RA71"
   46        1.00000000000000E+0

LoadCaseCombination     202   "3B_RA72"
   47        1.00000000000000E+0

LoadCaseCombination     203   "1A_SLU"
   12        1.35000000000000E+0
   13        1.35000000000000E+0

LoadCaseCombination     204   "2A_SLU"
   14        1.50000000000000E+0

LoadCaseCombination     205   "2B_SLU"
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   15        1.20000000000000E+0

LoadCaseCombination     206   "3A_SLU1"
   16        9.00000000000000E-1

LoadCaseCombination     207   "3A_SLU2"
   17        9.00000000000000E-1

LoadCaseCombination     208   "3B_SLU1"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   21        1.35000000000000E+0

LoadCaseCombination     209   "3B_SLU2"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   22        1.35000000000000E+0

LoadCaseCombination     210   "3B_SLU3"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   23        1.35000000000000E+0

LoadCaseCombination     211   "3B_SLU4"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   24        1.35000000000000E+0

LoadCaseCombination     212   "3B_SLU5"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   25        1.35000000000000E+0

LoadCaseCombination     213   "3B_SLU6"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   26        1.35000000000000E+0

LoadCaseCombination     214   "3B_SLU7"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   27        1.35000000000000E+0

LoadCaseCombination     215   "3B_SLU8"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   28        1.35000000000000E+0

LoadCaseCombination     216   "3B_SLU9"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   29        1.35000000000000E+0

LoadCaseCombination     217   "3B_SLU10"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   30        1.35000000000000E+0

LoadCaseCombination     218   "3B_SLU11"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   31        1.35000000000000E+0

LoadCaseCombination     219   "3B_SLU12"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   32        1.35000000000000E+0

LoadCaseCombination     220   "3B_SLU13"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   33        1.35000000000000E+0

LoadCaseCombination     221   "3B_SLU14"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   34        1.35000000000000E+0

LoadCaseCombination     222   "3B_SLU15"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   35        1.35000000000000E+0

LoadCaseCombination     223   "3B_SLU16"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   36        1.35000000000000E+0

LoadCaseCombination     224   "3B_SLU17"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   37        1.35000000000000E+0

LoadCaseCombination     225   "3B_SLU18"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   38        1.35000000000000E+0

LoadCaseCombination     226   "3B_SLU19"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   39        1.35000000000000E+0

LoadCaseCombination     227   "3B_SLU20"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   43        1.35000000000000E+0

LoadCaseCombination     228   "3B_SLU21"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   44        1.35000000000000E+0

LoadCaseCombination     229   "3B_SLU22"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   45        1.35000000000000E+0

LoadCaseCombination     230   "3B_SLU23"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   46        1.35000000000000E+0

LoadCaseCombination     231   "3B_SLU24"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   47        1.35000000000000E+0

LoadCaseCombination     232   "3B_SLU25"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   49        1.35000000000000E+0

LoadCaseCombination     233   "3B_SLU26"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   50        1.35000000000000E+0

LoadCaseCombination     234   "3B_SLU27"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   51        1.35000000000000E+0

LoadCaseCombination     235   "3B_SLU28"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   52        1.35000000000000E+0

LoadCaseCombination     236   "3B_SLU29"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   53        1.35000000000000E+0

LoadCaseCombination     237   "3B_SLU30"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   54        1.35000000000000E+0

LoadCaseCombination     238   "3B_SLU31"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   55        1.35000000000000E+0

LoadCaseCombination     239   "3B_SLU32"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   56        1.35000000000000E+0

LoadCaseCombination     240   "3B_SLU33"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   57        1.35000000000000E+0

LoadCaseCombination     241   "3B_SLU34"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   58        1.35000000000000E+0

LoadCaseCombination     242   "3B_SLU35"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   59        1.35000000000000E+0

LoadCaseCombination     243   "3B_SLU36"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   60        1.35000000000000E+0

LoadCaseCombination     244   "3B_SLU37"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   61        1.35000000000000E+0

LoadCaseCombination     245   "3B_SLU38"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   62        1.35000000000000E+0

LoadCaseCombination     246   "3B_SLU39"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   63        1.35000000000000E+0

LoadCaseCombination     247   "3B_SLU40"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   64        1.35000000000000E+0

LoadCaseCombination     248   "3B_SLU41"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   65        1.35000000000000E+0

LoadCaseCombination     249   "3B_SLU42"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   66        1.35000000000000E+0

LoadCaseCombination     250   "3B_SLU43"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   67        1.35000000000000E+0
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   LoadCaseCombination     251   "3B_SLU44"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      68        1.35000000000000E+0

   LoadCaseCombination     252   "3B_SLU45"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      69        1.35000000000000E+0

   LoadCaseCombination     253   "3B_SLU46"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      70        1.35000000000000E+0

   LoadCaseCombination     254   "3B_SLU47"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      71        1.35000000000000E+0

   LoadCaseCombination     255   "3B_SLU48"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      72        1.35000000000000E+0

   LoadCaseCombination     256   "3B_SLU49"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      21        1.35000000000000E+0

   LoadCaseCombination     257   "3B_SLU50"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      22        1.35000000000000E+0

   LoadCaseCombination     258   "3B_SLU51"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      23        1.35000000000000E+0

   LoadCaseCombination     259   "3B_SLU52"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      24        1.35000000000000E+0

   LoadCaseCombination     260   "3B_SLU53"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      25        1.35000000000000E+0

   LoadCaseCombination     261   "3B_SLU54"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      26        1.35000000000000E+0

   LoadCaseCombination     262   "3B_SLU55"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      27        1.35000000000000E+0

   LoadCaseCombination     263   "3B_SLU56"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      28        1.35000000000000E+0

   LoadCaseCombination     264   "3B_SLU57"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      29        1.35000000000000E+0

   LoadCaseCombination     265   "3B_SLU58"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      30        1.35000000000000E+0

   LoadCaseCombination     266   "3B_SLU59"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      31        1.35000000000000E+0

   LoadCaseCombination     267   "3B_SLU60"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      32        1.35000000000000E+0

   LoadCaseCombination     268   "3B_SLU61"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      33        1.35000000000000E+0

   LoadCaseCombination     269   "3B_SLU62"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      34        1.35000000000000E+0

   LoadCaseCombination     270   "3B_SLU63"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      35        1.35000000000000E+0

   LoadCaseCombination     271   "3B_SLU64"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      36        1.35000000000000E+0

   LoadCaseCombination     272   "3B_SLU65"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      37        1.35000000000000E+0

   LoadCaseCombination     273   "3B_SLU66"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      38        1.35000000000000E+0

   LoadCaseCombination     274   "3B_SLU67"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      39        1.35000000000000E+0

   LoadCaseCombination     275   "3B_SLU68"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      43        1.35000000000000E+0

   LoadCaseCombination     276   "3B_SLU69"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      44        1.35000000000000E+0

   LoadCaseCombination     277   "3B_SLU70"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      45        1.35000000000000E+0

   LoadCaseCombination     278   "3B_SLU71"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      46        1.35000000000000E+0

   LoadCaseCombination     279   "3B_SLU72"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      47        1.35000000000000E+0


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/ RESULT CASE ENVELOPES

   LoadCaseEnvelope     "1A_ENV_FR_max"  Max
   ON                      73

   LoadCaseEnvelope     "1A_ENV_FR_min"  Min
   ON                      73

   LoadCaseEnvelope     "2A_ENV_FR_max"  Max
   ON                      74

   LoadCaseEnvelope     "2A_ENV_FR_min"  Min
   ON                      74

   LoadCaseEnvelope     "2B_ENV_FR_max"  Max
   ON                      75

   LoadCaseEnvelope     "2B_ENV_FR_min"  Min
   ON                      75

   LoadCaseEnvelope     "3A_ENV_FR_max"  Max
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3A_ENV_FR_min"  Min
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3B_ENV_FR_max"  Max
   ON                      78
   ON                      79
   ON                      80
   ON                      81
   ON                      82
   ON                      83
   ON                      84
   ON                      85
   ON                      86
   ON                      87
   ON                      88
   ON                      89
   ON                      90
   ON                      91
   ON                      92
   ON                      93
   ON                      94
   ON                      95
   ON                      96
   ON                      97
   ON                      98
   ON                      99
   ON                     100
   ON                     101
   ON                     102
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   ON                     118
   ON                     119
   ON                     120
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ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "3B_ENV_FR_min"  Min
ON                     78
ON                     79
ON                     80
ON                     81
ON                     82
ON                     83
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ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "1A_ENV_RA_max"  Max
ON                    126

LoadCaseEnvelope     "1A_ENV_RA_min"  Min
ON                    126

LoadCaseEnvelope     "2A_ENV_RA_max"  Max
ON                    127

LoadCaseEnvelope     "2A_ENV_RA_min"  Min
ON                    127

LoadCaseEnvelope     "2B_ENV_RA_max"  Max
ON                    128

LoadCaseEnvelope     "2B_ENV_RA_min"  Max
ON                    128

LoadCaseEnvelope     "3A_ENV_RA_max"  Max
ON                    129
ON                    130

LoadCaseEnvelope     "3A_ENV_RA_min"  Min
ON                    129
ON                    130

LoadCaseEnvelope     "3B_ENV_RA_max"  Max
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
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ON                    139
ON                    140
ON                    141
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ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "3B_ENV_RA_min"  Min
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
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ON                    196
ON                    197
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ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "1A_ENV_SLU_max"  Max
ON                    203

LoadCaseEnvelope     "1A_ENV_SLU_min"  Min
ON                    203

LoadCaseEnvelope     "2A_ENV_SLU_max"  Max
ON                    204

LoadCaseEnvelope     "2A_ENV_SLU_min"  Min
ON                    204

LoadCaseEnvelope     "2B_ENV_SLU_max"  Max
ON                    205

LoadCaseEnvelope     "2B_ENV_SLU_min"  Min
ON                    205

LoadCaseEnvelope     "3A_ENV_SLU_max"  Max
ON                    206
ON                    207

LoadCaseEnvelope     "3A_ENV_SLU_min"  Min
ON                    206
ON                    207

LoadCaseEnvelope     "3B_ENV_SLU_max"  Max
ON                    208
ON                    209
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ON                    211
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ON                    277
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ON                    279

LoadCaseEnvelope     "3B_ENV_SLU_min"  Min
ON                    208
ON                    209
ON                    210
ON                    211
ON                    212
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1.3.2 ELEMENT GEOMETRY

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/ _____
/ COORDINATE SYSTEM DEFINITIONS

CoordSys	1	"Global XYZ"	GlobalXYZ	
CoordSys	2	"UCS 1"	RectUCS	
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.18012636559000E+3	1.43513719135900E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	0.00000000000000E+0		
CoordSys	3	"UCS 2"	RectUCS	
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.02996207768500E+3	1.45165569558900E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	0.00000000000000E+0		
CoordSys	4	"UCS 3"	RectUCS	
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.06395124813300E+3	1.44330487077800E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	0.00000000000000E+0		
CoordSys	5	"UCS 4"	RectUCS	
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.09840306197500E+3	1.43713457721700E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	0.00000000000000E+0		
CoordSys	6	"UCS 5"	RectUCS	
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.13317777805300E+3	1.43316984246400E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	0.00000000000000E+0		
CoordSys	7	"UCS 6"	RectUCS	
2.22709757132700E+3	1.43338116254200E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.22709757132700E+3	1.43338116254200E+3	0.00000000000000E+0		
CoordSys	8	"UCS 7"	RectUCS	
2.27376862741300E+3	1.43893206546200E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.27376862741300E+3	1.43893206546200E+3	0.00000000000000E+0		
CoordSys	9	"UCS 8"	RectUCS	
2.32009145507300E+3	1.44688163289900E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.32009145507300E+3	1.44688163289900E+3	0.00000000000000E+0		
CoordSys	10	"UCS 9"	RectUCS	
2.35482640686800E+3	1.45155226452300E+3	-2.50000000000000E+0		
2.18014203582800E+3	1.43133722367000E+3	-2.50000000000000E+0		
2.35482640686800E+3	1.45155226452300E+3	0.00000000000000E+0		

/ _____
/ NODE COORDINATES

Node	1	3.42877890066513E+1	-8.42455462516477E+0	0.00000000000000E+0
Node	2	3.63887073238741E+1	1.35229648154063E+0	0.00000000000000E+0
Node	3	7.05337126563188E+1	-4.76199463312582E+0	0.00000000000000E+0
Node	4	6.90464113977330E+1	-1.46508502444519E+1	0.00000000000000E+0
Node	5	1.04998725018954E+2	-8.68995498916797E+0	0.00000000000000E+0
Node	6	1.04130831195834E+2	-1.86523588447083E+1	0.00000000000000E+0
Node	7	1.51508400676260E+2	-1.04998376303740E+1	0.00000000000000E+0
Node	8	1.51549654562348E+2	-2.05037338166210E+1	0.00000000000000E+0
Node	9	1.98067281278516E+2	-8.47728090443002E+0	0.00000000000000E+0
Node	10	1.98902496192898E+2	-1.84499739102632E+1	0.00000000000000E+0
Node	11	2.90602603797141E+2	4.96340979712318E+0	0.00000000000000E+0
Node	12	2.92354306355158E+2	-4.88214403664256E+0	0.00000000000000E+0
Node	13	2.44393709796534E+2	-2.96732435638887E+0	0.00000000000000E+0
Node	14	2.45917545030671E+2	-1.28505447216637E+1	0.00000000000000E+0
Node	15	4.25908095315026E+0	-1.17304871932606E+0	0.00000000000000E+0
Node	16	6.87629881547991E+0	8.47838488816637E+0	0.00000000000000E+0
Node	17	1.10636546747960E+1	7.36075189898816E+0	0.00000000000000E+0
Node	18	8.52718669781393E+0	-2.31221795617012E+0	0.00000000000000E+0
Node	19	1.28004035313720E+1	-3.41637937820383E+0	0.00000000000000E+0
Node	20	1.52636005863646E+1	6.27550693370381E+0	0.00000000000000E+0
Node	21	1.70850632977929E+1	-4.48718235119190E+0	0.00000000000000E+0
Node	22	1.94692675278859E+1	5.22443818472607E+0	0.00000000000000E+0
Node	23	2.13749932656449E+1	-5.52308833290613E+0	0.00000000000000E+0
Node	24	2.36862899619780E+1	4.20614162390507E+0	0.00000000000000E+0
Node	25	2.56774711381202E+1	-6.52583815437288E+0	0.00000000000000E+0
Node	26	2.79068508547350E+1	3.22248831094225E+0	0.00000000000000E+0
Node	27	2.99847930218068E+1	-7.49361823531194E+0	0.00000000000000E+0
Node	28	3.21381137618771E+1	2.27179060389903E+0	0.00000000000000E+0
Node	29	3.86235021728860E+1	-9.32649249320889E+0	0.00000000000000E+0
Node	30	4.06210459883248E+1	4.71967523951889E-1	0.00000000000000E+0
Node	31	4.29535281743258E+1	-1.01912842647338E+1	0.00000000000000E+0
Node	32	4.48729910954469E+1	-3.77229949878028E-1	0.00000000000000E+0
Node	33	4.72903025866219E+1	-1.10215719682498E+1	0.00000000000000E+0
Node	34	4.91315629232511E+1	-1.19254554793656E+0	0.00000000000000E+0
Node	35	5.16335504679080E+1	-1.18173029653669E+1	0.00000000000000E+0
Node	36	5.33964914884007E+1	-1.97392758114393E+0	0.00000000000000E+0
Node	37	5.59829964642170E+1	-1.25784268081881E+1	0.00000000000000E+0
Node	38	5.76675064004269E+1	-2.72132651097786E+0	0.00000000000000E+0
Node	39	6.03383653074341E+1	-1.33048953207619E+1	0.00000000000000E+0
Node	40	6.19443364074798E+1	-3.43469487607695E+0	0.00000000000000E+0
Node	41	6.46993794399239E+1	-1.39966622127947E+1	0.00000000000000E+0
Node	42	6.62267118035841E+1	-4.11398768403683E+0	0.00000000000000E+0
Node	43	7.34372411407178E+1	-1.52759185341240E+1	0.00000000000000E+0
Node	44	7.48070086181881E+1	-5.37017590451296E+0	0.00000000000000E+0
Node	45	7.78142554048070E+1	-1.58634206563399E+1	0.00000000000000E+0
Node	46	7.91036654039460E+1	-5.94689788098435E+0	0.00000000000000E+0
Node	47	8.21943657473760E+1	-1.64158713677839E+1	0.00000000000000E+0
Node	48	8.34062209823639E+1	-6.48957261790406E+0	0.00000000000000E+0
Node	49	8.65794578456209E+1	-1.69335172576532E+1	0.00000000000000E+0
Node	50	8.77122392101307E+1	-6.99788409410098E+0	0.00000000000000E+0
Node	51	9.09685325553421E+1	-1.74162316350450E+1	0.00000000000000E+0
Node	52	9.20221682345579E+1	-7.47189395805754E+0	0.00000000000000E+0
Node	53	9.53613116184085E+1	-1.78639838968686E+1	0.00000000000000E+0

Node	54	9.63357348119878E+1	-7.91157215818521E+0	0.00000000000000E+0
Node	55	9.97575165392448E+1	-1.82767456563090E+1	0.00000000000000E+0
Node	56	1.00652665471947E+2	-8.31689081987793E+0	0.00000000000000E+0
Node	57	1.08456717991997E+2	-1.89896262070781E+1	0.00000000000000E+0
Node	58	1.09194999177772E+2	-9.01691640174772E+0	0.00000000000000E+0
Node	59	1.12759043241427E+2	-1.92913110123507E+1	0.00000000000000E+0
Node	60	1.13419743044917E+2	-9.31316109674322E+0	0.00000000000000E+0
Node	61	1.17063584620278E+2	-1.95595269536918E+1	0.00000000000000E+0
Node	62	1.17646663079284E+2	-9.57654045277900E+0	0.00000000000000E+0
Node	63	1.21370081769660E+2	-1.97942578081440E+1	0.00000000000000E+0
Node	64	1.21875503617129E+2	-9.80703853945079E+0	0.00000000000000E+0
Node	65	1.25678274212993E+2	-1.99954893781139E+1	0.00000000000000E+0
Node	66	1.26106008878400E+2	-1.00046414151549E+1	0.00000000000000E+0
Node	67	1.29987901370570E+2	-2.01632094921686E+1	0.00000000000000E+0
Node	68	1.30337922982401E+2	-1.01693371279509E+1	0.00000000000000E+0
Node	69	1.34298702575876E+2	-2.02974080058088E+1	0.00000000000000E+0
Node	70	1.34570989963537E+2	-1.03011157162816E+1	0.00000000000000E+0
Node	71	1.38610417091763E+2	-2.03980768020899E+1	0.00000000000000E+0
Node	72	1.38804953785878E+2	-1.03999692095555E+1	0.00000000000000E+0
Node	73	1.42922784125604E+2	-2.04652097920919E+1	0.00000000000000E+0
Node	74	1.43039558359748E+2	-1.04658916286568E+1	0.00000000000000E+0
Node	75	1.47224506140611E+2	-2.04996511579341E+1	0.00000000000000E+0
Node	76	1.47285574830231E+2	-1.04998376303740E+1	0.00000000000000E+0
Node	77	1.55858025645728E+2	-2.04733055988306E+1	0.00000000000000E+0
Node	78	1.55747513655688E+2	-1.04739162610769E+1	0.00000000000000E+0
Node	79	1.60161056470442E+2	-2.04108804087948E+1	0.00000000000000E+0
Node	80	1.59991264691298E+2	-1.04123219737236E+1	0.00000000000000E+0
Node	81	1.64476218600903E+2	-2.03156454188377E+1	0.00000000000000E+0
Node	82	1.64221686770066E+2	-1.03188852648368E+1	0.00000000000000E+0
Node	83	1.68790430279093E+2	-2.01900229609139E+1	0.00000000000000E+0
Node	84	1.68451515792206E+2	-1.01957677623656E+1	0.00000000000000E+0
Node	85	1.73100020926066E+2	-2.00336360838448E+1	0.00000000000000E+0
Node	86	1.72683990171640E+2	-1.00422564966218E+1	0.00000000000000E+0
Node	87	1.77402652471316E+2	-1.98445746001148E+1	0.00000000000000E+0
Node	88	1.76920808783715E+2	-9.85616206889085E+0	0.00000000000000E+0
Node	89	1.81703827360970E+2	-1.96242185643807E+1	0.00000000000000E+0
Node	90	1.81156115905107E+2	-9.63923297363795E+0	0.00000000000000E+0
Node	91	1.86011951882739E+2	-1.93744403185026E+1	0.00000000000000E+0
Node	92	1.85381338880883E+2	-9.39434376503095E+0	0.00000000000000E+0
Node	93	1.90310124876107E+2	-1.90945498359220E+1	0.00000000000000E+0
Node	94	1.89612791080158E+2	-9.11889318610588E+0	0.00000000000000E+0
Node	95	1.94600545416983E+2	-1.87839378194378E+1	0.00000000000000E+0
Node	96	1.93847744552907E+2	-8.81231353525686E+0	0.00000000000000E+0
Node	97	2.03192369069660E+2	-1.80732075116250E+1	0.00000000000000E+0
Node	98	2.02292430669185E+2	-8.11378429201181E+0	0.00000000000000E+0
Node	99	2.07475008756996E+2	-1.76747561496452E+1	0.00000000000000E+0
Node	100	2.06520170275547E+2	-7.72044635529915E+0	0.00000000000000E+0
Node	101	2.11763175110463E+2	-1.72528821571153E+1	0.00000000000000E+0
Node	102	2.10737332949778E+2	-7.29784981045282E+0	0.00000000000000E+0
Node	103	2.16047105090553E+2	-1.67885288997429E+1	0.00000000000000E+0
Node	104	2.14951596956757E+2	-6.84871693244872E+0	0.00000000000000E+0
Node	105	2.20322538892641E+2	-1.63044182325268E+1	0.00000000000000E+0
Node	106	2.19169023838634E+2	-6.37117087771207E+0	0.00000000000000E+0
Node	107	2.24594678276833E+2	-1.57914548154155E+1	0.00000000000000E+0
Node	108	2.23383052027577E+2	-5.86512814094590E+0	0.00000000000000E+0
Node	109	2.28871454399047E+2	-1.52522359297470E+1	0.00000000000000E+0
Node	110	2.27586260693174E+2	-5.33516594196658E+0	0.00000000000000E+0
Node	111	2.33138696462445E+2	-1.46883979185897E+1	0.00000000000000E+0
Node	112	2.31792509141794E+2	-4.77941196810275E+0	0.00000000000000E+0
Node	113	2.37397667306419E+2	-1.40987364249099E+1	0.00000000000000E+0
Node	114	2.35999910975932E+2	-4.19690144463812E+0	0.00000000000000E+0
Node	115	2.41659308019421E+2	-1.34856130906489E+1	0.00000000000000E+0
Node	116	2.40199934856397E+2	-3.59267494901383E+0	0.00000000000000E+0
Node	117	2.50154311813290E+2	-1.21924678878099E+1	0.00000000000000E+0
Node	118	2.48601389883196E+2	-2.31378232444399E+0	0.00000000000000E+0
Node	119	2.54404165826049E+2	-1.15131920420938E+1	0.00000000000000E+0
Node	120	2.52790123357299E+2	-1.64430827069214E+0	0.00000000000000E+0
Node	121	2.58638861027929E+2	-1.08147245332479E+1	0.00000000000000E+0
Node	122	2.56987213801738E+2	-9.52064576366638E-1	0.00000000000000E+0
Node	123	2.62874400835678E+2	-1.00946632525849E+1	0.00000000000000E+0
Node	124	2.61176494403874E+2	-2.39864051777886E-1	0.00000000000000E+0
Node	125	2.67109914690056E+2	-9.35784066035217E+0	0.00000000000000E+0
Node	126	2.65360241459983E+2	4.87901748327431E-1	0.00000000000000E+0
Node	127	2.71328190985611E+2	-8.60347980517167E+0	0.00000000000000E+0
Node	128	2.69554217379861E+2	1.23791100160111E+0	0.00000000000000E+0
Node	129	2.75514186333184E+2	-7.86442060943887E+0	0.00000000000000E+0
Node	130	2.73783736781082E+2	1.98471773481879E+0	0.00000000000000E+0
Node	131	2.79736922140715E+2	-7.11259076595911E+0	0.00000000000000E+0
Node	132	2.77974929942953E+2	2.72785517344516E+0	0.00000000000000E+0
Node	133	2.83939817379266E+2	-6.35797233442781E+0	0.00000000000000E+0
Node	134	2.82182703753612E+2	3.48644465722418E+0	0.00000000000000E+0
Node	135	2.88137476610128E+2	-5.61115222854437E+0	0.00000000000000E+0
Node	136	2.86399344323045E+2	4.23252183855016E+0	0.00000000000000E+0
Node	137	2.94544778121742E+2	5.64109911908463E+0	0.00000000000000E+0
Node	138	2.96296481558314E+2	-4.20445965068097E+0	0.00000000000000E+0
Node	139	2.98817508043516E+2	6.59281794031517E+0	0.00000000000000E+0
Node	140	3.00744465494038E+2	-3.75884944349264E+0	0.00000000000000E+0
Node	141	3.03076151916830E+2	7.60415902946920E+0	0.00000000000000E+0
Node	142	3.05228928118658E+2	-3.46949243456697E+0	0.00000000000000E+0
Node	143	3.07332002625483E+2	8.61483679896696E+0	0.00000000000000E+0
Node	144	3.09739224012498E+2	-3.26172753159199E+0	0.00000000000000E+0
Node	145	3.11585602746812E+2	9.62498009986234E+0	0.00000000000000E+0
Node	146	3.14278256584465E+2	-3.13672219627688E+0	0.00000000000000E+0
Node	147	3.15837493712611E+2	1.06347175111691E+1	0.00000000000000E+0
Node	148	3.18849055479391E+2	-3.09594955800208E+0	0.00000000000000E+0
Node	149	3.20088216086270E+2	1.16441774056686E+1	0.00000000000000E+0
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Node	152	1.17831859633149E+1	7.17229344013390E+0	0.00000000000000E+0
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Node	157	5.87691871713757E+1	-2.90508509131382E+0	0.00000000000000E+0
Node	158	6.56157507000210E+1	-4.01707383478197E+0	0.00000000000000E+0
Node	159	7.54194430274890E+1	-5.45733839946092E+0	0.00000000000000E+0
Node	160	8.22980999367921E+1	-6.34980700978485E+0	0.00000000000000E+0
Node	161	9.11624110643331E+1	-7.37733709250665E+0	0.00000000000000E+0
Node	162	9.90502032399679E+1	-8.16643488290788E+0	0.00000000000000E+0
Node	163	1.10900181729148E+2	-9.14046022102889E+0	0.00000000000000E+0
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Node	167	1.57453866171356E+2	-1.04491500657238E+1	0.00000000000000E+0
Node	168	1.67856635068615E+2	-1.02159407192348E+1	0.00000000000000E+0
Node	169	1.81750442397543E+2	-9.60663096282178E+0	0.00000000000000E+0
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Node	192	2.29466805320816E+2	-1.51746057371308E+1	0.00000000000000E+0
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   Node                 334     2.44576570024484E+2     -4.15331079927205E+0     -2.50000000000000E+0
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   Node                 336     2.90812808157000E+2      3.78194303976102E+0     -2.50000000000000E+0
   Node                 337     2.92144101989196E+2     -3.70067724497494E+0     -2.50000000000000E+0
   Node                 338     3.24614296017714E+2      1.14856552556100E+1     -2.50000000000000E+0
   Node                 339     3.27812771811157E+2     -2.06305895053379E+0     -2.50000000000000E+0
   Node                 340     1.34907768478070E+0      4.81469558921003E+0     -2.50000000000000E+0
   Node                 341     5.53382481329829E+1     -3.53612922202683E+0     -2.50000000000000E+0
   Node                 342     6.97900619751902E+1     -9.70642278344167E+0     -2.50000000000000E+0
   Node                 343     1.04564778053422E+2     -1.36711575364818E+1     -2.50000000000000E+0
   Node                 344     1.51529035828133E+2     -1.55037763304717E+1     -2.50000000000000E+0
   Node                 345     1.98484571326773E+2     -1.34598374584456E+1     -2.50000000000000E+0
   Node                 346     2.45155627413470E+2     -7.90893453816579E+0     -2.50000000000000E+0
   Node                 347     2.91478455072733E+2      4.06328994411069E-2     -2.50000000000000E+0
   Node                 348     3.26213406867676E+2      4.71126452278099E+0     -2.50000000000000E+0

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/ BEAM ELEMENTS

   Beam                   1       3      55       1     222
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   Beam                   3       3      55       6     246
   Beam                   4       3      55       8     261
   Beam                   5       3      55      10     276
   Beam                   6       3      55      12     306
   Beam                   7       3      55      14     291
   Beam                   8       4      56      15     212
   Beam                   9       4      56      18     213
   Beam                  10       4      56      19     215
   Beam                  11       4      56      21     216
   Beam                  12       4      56      23     218
   Beam                  13       4      56      25     219
   Beam                  14       4      56      27     221
   Beam                  15       4      56      29     223
   Beam                  16       4      56      31     225
   Beam                  17       4      56      33     227
   Beam                  18       4      56      35     228
   Beam                  19       4      56      37     229
   Beam                  20       4      56      39     231
   Beam                  21       4      56      41     233
   Beam                  22       4      56      43     235
   Beam                  23       4      56      45     237
   Beam                  24       4      56      47     239
   Beam                  25       4      56      49     240
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   Beam                  27       4      56      53     243
   Beam                  28       4      56      55     245
   Beam                  29       4      56      57     247
   Beam                  30       4      56      59     249
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Beam	274	8	81	174	116
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Beam	277	8	85	178	136
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Beam	366	6	197	299	300
Beam	367	6	197	300	301

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   Beam                374       6     199     307     308
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   Beam                376       6     200     309     310
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   Beam                381       6     202     314     315
   Beam                382       6     202     315     316
   Beam                383       6     202     316     317
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   Beam                385       7      74      81     318
   Beam                386       7      74      79      81
   Beam                387       7      74     319      79
   Beam                388       7      73      77     319
   Beam                389       7      73       8      77
   Beam                390       7      73      75       8
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   Beam                394       7      72     321      71
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   Beam                422       4      56     243      54
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   Beam                427       4      56     252      64
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   Beam                451       4      56     287     112
   Beam                452       4      56     288     114
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   Beam                454       4      56     292     118
   Beam                455       4      56     294     120
   Beam                456       4      56     295     122
   Beam                457       4      56     297     124
   Beam                458       4      56     298     126
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   Beam                464       4      56     307     137
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   Beam                466       4      56     310     141
   Beam                467       4      56     312     143
   Beam                468       4      56     313     145
   Beam                469       4      56     315     147
   Beam                470       4      56     316     149
   Beam                471       3      55     317     182
   Beam                472       3      55     211     151

/ ____________________________________________________________________________
/ BEAM ANGLES

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   BmAngle               2       270.00
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BmAngle	5	270.00
BmAngle	6	270.00
BmAngle	7	270.00
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BmAngle	111	270.00
BmAngle	112	270.00
BmAngle	113	270.00

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BmAngle             224       270.00
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   BmAngle               468        270.00
   BmAngle               469        270.00
   BmAngle               470        270.00
   BmAngle               471        270.00
   BmAngle               472        270.00

/ _____________________________________________________________________________
/ RIGID LINKS

   RigidLink               5     323     210          XYZ
   RigidLink               5     322     151          XYZ
   RigidLink               5     325       1          XYZ
   RigidLink               5     324       2          XYZ
   RigidLink               5     326       3          XYZ
   RigidLink               5     327       4          XYZ
   RigidLink               5     328       5          XYZ
   RigidLink               5     329       6          XYZ
   RigidLink               5     330       7          XYZ
   RigidLink               5     331       8          XYZ
   RigidLink               5     332       9          XYZ
   RigidLink               5     333      10          XYZ
   RigidLink               5     334      13          XYZ
   RigidLink               5     335      14          XYZ
   RigidLink               5     336      11          XYZ
   RigidLink               5     337      12          XYZ
   RigidLink               5     338     182          XYZ
   RigidLink               5     339     183          XYZ
   RigidLink               1     348     317          XYZ
   RigidLink               1     347     306          XYZ
   RigidLink               1     346     291          XYZ
   RigidLink               1     345     276          XYZ
   RigidLink               1     344     261          XYZ
   RigidLink               1     343     246          XYZ
   RigidLink               1     342     234          XYZ
   RigidLink               1     341     222          XYZ
   RigidLink               1     340     211          XYZ

/ _____________________________________________________________________________
/ NODE RESTRAINTS (ROTATION AS RADIAN)
/ Freedom Case 1
   NdFreedom               1     322       3           DY
   NdFreedom               1     323       3           DY
   NdFreedom               1     324       4           DY
   NdFreedom               1     325       4           DY
   NdFreedom               1     326       5           DY
   NdFreedom               1     327       5           DY
   NdFreedom               1     328       6           DY
   NdFreedom               1     329       6           DY
   NdFreedom               1     330       2           DY  DZ
   NdFreedom               1     331       2           DY  DZ
   NdFreedom               1     332       7           DY
   NdFreedom               1     333       7           DY
   NdFreedom               1     334       8           DY
   NdFreedom               1     335       8           DY
   NdFreedom               1     336       9           DY
   NdFreedom               1     337       9           DY
   NdFreedom               1     338      10           DY
   NdFreedom               1     339      10           DY
   NdFreedom               1     340       3           DY  DZ
   NdFreedom               1     341       4           DY  DZ
   NdFreedom               1     342       5           DY  DZ
   NdFreedom               1     343       6           DY  DZ
   NdFreedom               1     344       2       DX  DY  DZ
   NdFreedom               1     345       7           DY  DZ
   NdFreedom               1     346       8           DY  DZ
   NdFreedom               1     347       9           DY  DZ
   NdFreedom               1     348      10           DY  DZ

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Soletta
   BmDistLoadG            13      76      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      77      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      78      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      79      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      80      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      81      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      82      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      83      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      84      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            13      85      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      86      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      87      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      88      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      89      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      90      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      91      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      92      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      93      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      94      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      95      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      96      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      97      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      98      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      99      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     100      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     101      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     102      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     103      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     104      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     105      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     106      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     107      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     108      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     109      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     110      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     111      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     112      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     113      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     114      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     115      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     116      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     117      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     118      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     119      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     120      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     121      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     122      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     123      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     124      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     125      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     126      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     127      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     128      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     129      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     130      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     131      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     132      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     133      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     134      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     135      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     136      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     137      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     138      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     139      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     140      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     141      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     142      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     143      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     144      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     145      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     146      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     147      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     148      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     149      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     150      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     151      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     152      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     153      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     154      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     156      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     157      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     158      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     159      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     160      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     161      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     162      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     163      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     164      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     165      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     166      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     167      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     168      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     169      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     170      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     171      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     172      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     173      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     174      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     175      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     176      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     177      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     178      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     179      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     180      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     181      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     182      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     183      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     184      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     185      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     186      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     187      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     188      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     189      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     190      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     191      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     192      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     193      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     194      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     195      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     196      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     197      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     198      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     199      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     200      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     201      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     202      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     203      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     204      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     205      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     206      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     207      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     208      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     209      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     210      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     211      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     212      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     213      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     214      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     215      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     216      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     217      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     218      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     219      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     220      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     221      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     222      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     223      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     224      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     225      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     226      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     227      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     228      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     229      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     230      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     231      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     232      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     233      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     234      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     235      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     236      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     237      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     238      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     239      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     240      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     241      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     242      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     243      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     244      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     245      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     246      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     247      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     248      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     249      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     251      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13     252      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     253      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     254      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     255      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     256      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     257      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     258      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     259      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     260      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     261      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     262      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     263      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     264      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     265      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     266      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     267      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     268      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     269      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     270      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     271      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     272      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     273      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     274      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     275      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     276      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     277      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     278      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     279      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     280      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     281      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     282      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     283      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     284      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     285      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     286      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     287      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     288      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     289      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     290      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     291      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     292      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     293      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     294      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     295      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     296      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     297      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     298      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     299      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     300      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     301      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     302      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     303      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     304      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     305      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     306      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13     307      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     308      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     309      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     310      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     311      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     312      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     313      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     314      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     315      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     316      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     317      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     318      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     319      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     320      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     321      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     322      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     323      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     324      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     325      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     326      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     327      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     328      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     329      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     330      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     331      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     332      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     333      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     334      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     335      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     336      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     337      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     338      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     339      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     340      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     341      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     342      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     343      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     344      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     345      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     346      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     347      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     348      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     349      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     350      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     351      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     352      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     353      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     354      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     355      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     356      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     357      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     358      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     359      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     360      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     361      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG             13      362      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      363      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      364      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      365      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      366      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      367      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      368      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      369      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      370      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      371      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      372      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      373      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      374      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      375      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      376      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      377      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      378      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      379      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      380      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      381      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      382      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      383      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      384      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      385      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      386      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      387      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      388      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      389      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      390      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      391      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      392      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      393      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      394      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      395      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ ____________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Perm. non strutturale
   BmDistLoadG             14      76       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      77       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      78       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      79       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      80       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      81       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      82       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      83       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      84       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      85       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      86       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      87       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      88       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      89       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      90       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      91       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      92       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      93       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      94       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            14      95      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      96      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      97      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      98      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      99      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     100      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     101      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     102      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     103      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     104      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     105      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     106      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     107      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     108      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     109      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     110      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     111      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     112      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     113      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     114      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     115      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     116      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     117      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     118      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     119      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     120      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     121      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     122      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     123      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     124      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     125      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     126      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     127      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     128      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     129      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     130      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     131      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     132      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     133      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     134      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     135      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     136      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     137      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     138      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     139      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     140      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     141      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     142      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     143      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     144      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     145      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     146      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     147      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     148      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     149      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14     150      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     151      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     152      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     153      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     154      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     156      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     157      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     158      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     159      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     160      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     161      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     162      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     163      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     164      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     165      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     166      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     167      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     168      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     169      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     170      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     171      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     172      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     173      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     174      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     175      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     176      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     177      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     178      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     179      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     180      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     181      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     182      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     183      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     184      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     185      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     186      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     187      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     188      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     189      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     190      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     191      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     192      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     193      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     194      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     195      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     196      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     197      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     198      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     199      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     200      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     201      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     202      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     203      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     204      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     205      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     206      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     207      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     208      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     209      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     210      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     211      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     212      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     213      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     214      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     215      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     216      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     217      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     218      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     219      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     220      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     221      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     222      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     223      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     224      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     225      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     226      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     227      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     228      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     229      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     230      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     231      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     232      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     233      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     234      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     235      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     236      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     237      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     238      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     239      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     240      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     241      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     242      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     243      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     244      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     245      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     246      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     247      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     248      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     249      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     251      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     252      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     253      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     254      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     255      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     256      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     257      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     258      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     259      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     260      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
   BmDistLoadG            14     261      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0         0.00         0.00
```

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   BmDistLoadG            14     262      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     263      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     264      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     265      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     266      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     267      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     268      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     269      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     270      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     271      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     272      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     273      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     274      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     275      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     276      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     277      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     278      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     279      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     280      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     281      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     282      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     283      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     284      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     285      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     286      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     287      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     288      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     289      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     290      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     291      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     292      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     293      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     294      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     295      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     296      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     297      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     298      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     299      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     300      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     301      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     302      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     303      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     304      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     305      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     306      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     307      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     308      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     309      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     310      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     311      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     312      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     313      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     314      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     315      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     316      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14     317      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     318      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     319      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     320      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     321      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     322      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     323      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     324      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     325      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     326      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     327      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     328      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     329      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     330      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     331      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     332      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     333      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     334      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     335      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     336      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     337      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     338      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     339      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     340      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     341      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     342      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     343      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     344      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     345      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     346      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     347      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     348      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     349      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     350      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     351      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     352      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     353      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     354      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     355      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     356      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     357      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     358      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     359      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     360      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     361      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     362      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     363      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     364      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     365      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     366      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     367      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     368      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     369      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     370      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     371      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG             14     372      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     373      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     374      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     375      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     376      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     377      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     378      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     379      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     380      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     381      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     382      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     383      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     384      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     385      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     386      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     387      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     388      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     389      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     390      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     391      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     392      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     393      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     394      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     395      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ Ritiro
   BmTempGrad              15      76     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      77     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      78     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      79     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      80     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      81     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      82     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      83     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      84     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      85     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      86     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      87     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      88     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      89     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      90     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      91     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      92     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      93     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      94     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      95     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      96     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      97     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      98     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      99     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     100     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     101     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     102     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     103     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     104     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     105     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     106     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     107     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     108     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     109     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     110     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     111     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     112     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     113     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     114     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     115     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     116     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     117     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     118     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     119     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     120     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     121     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     122     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     123     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     124     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     125     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     126     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     127     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     128     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     129     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     130     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     131     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     132     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     133     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     134     0.00000000000000E+0      1.11000000000000E+1
```

BmTempGrad	15	135	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	136	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	137	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	138	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	139	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	146	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	153	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	154	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	156	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	157	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	158	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	160	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	162	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	163	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	164	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	165	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	166	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	167	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	172	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	173	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	174	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	175	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	176	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	177	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	178	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	182	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	183	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	184	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	185	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	186	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	187	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	189	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	192	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	193	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	194	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	195	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	196	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	199	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	200	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	202	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	203	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	204	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	205	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	206	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	207	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	208	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	209	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	210	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	211	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	212	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	213	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	214	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	215	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	216	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	217	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	218	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	219	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	220	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	221	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	222	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	223	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	224	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	225	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	226	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	227	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	228	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	229	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	230	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	231	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	232	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	233	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	234	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	235	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	236	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	237	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	238	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	239	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	240	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	241	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	242	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	243	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	244	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	245	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	246	0.00000000000000E+0	1.11000000000000E+1

```
   BmTempGrad              15     247     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     248     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     249     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     251     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     252     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     253     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     254     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     255     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     256     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     257     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     258     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     259     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     260     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     261     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     262     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     263     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     264     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     265     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     266     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     267     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     268     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     269     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     270     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     271     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     272     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     273     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     274     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     275     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     276     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     277     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     384     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     385     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     386     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     387     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     388     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     389     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     390     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     391     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     392     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     393     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     394     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     395     0.00000000000000E+0      1.11000000000000E+1

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Cool
   BmTempGrad              16      76     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      77     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      78     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      79     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      80     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      81     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      82     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      83     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      84     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      85     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      86     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      87     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      88     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      89     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      90     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      91     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      92     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      93     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      94     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      95     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      96     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      97     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      98     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      99     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     100     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     101     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     102     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     103     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     104     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     105     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     106     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     107     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     108     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     109     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     110     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     111     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     112     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     113     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     114     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     115     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     116     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     117     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     118     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     119     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     120     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     121     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     122     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     123     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     124     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     125     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     126     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     127     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     128     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     129     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     130     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     131     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     132     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     133     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     134     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     135     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     136     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     137     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     138     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     139     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     140     0.00000000000000E+0      4.80000000000000E+0
```

BmTempGrad	16	141	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	142	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	143	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	144	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	145	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	146	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	147	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	148	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	149	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	150	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	151	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	152	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	153	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	154	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	156	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	157	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	158	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	159	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	160	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	161	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	162	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	163	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	164	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	165	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	166	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	167	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	168	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	169	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	170	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	171	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	172	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	173	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	174	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	175	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	176	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	177	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	178	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	179	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	180	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	181	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	182	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	183	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	184	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	185	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	186	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	187	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	188	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	189	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	190	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	191	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	192	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	193	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	194	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	195	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	196	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	197	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	198	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	199	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	200	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	201	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	202	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	203	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	204	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	205	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	206	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	207	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	208	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	209	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	210	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	211	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	212	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	213	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	214	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	215	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	216	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	217	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	218	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	219	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	220	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	221	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	222	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	223	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	224	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	225	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	226	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	227	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	228	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	229	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	230	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	231	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	232	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	233	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	234	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	235	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	236	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	237	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	238	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	239	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	240	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	241	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	242	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	243	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	244	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	245	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	246	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	247	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	248	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	249	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	251	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	252	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	253	0.000000000000000E+0	4.800000000000000E+0

```
   BmTempGrad              16     254     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     255     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     256     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     257     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     258     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     259     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     260     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     261     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     262     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     263     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     264     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     265     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     266     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     267     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     268     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     269     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     270     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     271     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     272     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     273     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     274     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     275     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     276     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     277     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     384     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     385     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     386     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     387     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     388     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     389     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     390     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     391     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     392     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     393     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     394     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     395     0.00000000000000E+0      4.80000000000000E+0

/ _____________________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Heat
   BmTempGrad              17      76     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      77     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      78     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      79     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      80     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      81     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      82     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      83     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      84     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      85     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      86     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      87     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      88     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      89     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      90     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      91     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      92     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      93     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      94     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      95     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      96     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      97     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      98     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      99     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     100     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     101     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     102     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     103     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     104     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     105     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     106     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     107     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     108     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     109     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     110     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     111     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     112     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     113     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     114     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     115     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     116     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     117     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     118     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     119     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     120     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     122     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     128     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     133     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     134     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     135     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     136     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     137     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     139     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     140     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     141     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     142     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     143     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     144     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     145     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     146     0.00000000000000E+0     -4.80000000000000E+0
```

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BmTempGrad	17	148	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	154	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	160	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	162	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	164	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	165	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	166	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	168	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	173	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	174	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	175	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	177	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	193	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	194	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	195	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	196	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	197	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	198	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	199	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	202	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	205	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	206	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	207	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	208	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	209	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	210	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	212	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	213	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	214	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	215	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	217	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	218	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	219	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	220	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	221	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	223	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	224	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	226	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	227	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	228	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	229	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	230	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	231	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	232	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	233	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	234	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	235	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	236	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	237	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	238	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	239	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	240	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	241	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	242	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	243	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	244	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	245	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	246	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	247	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	248	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	249	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	251	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	252	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	253	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	255	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	256	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	257	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	258	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	259	0.00000000000000E+0	-4.80000000000000E+0

```
   BmTempGrad              17     260     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     261     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     262     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     263     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     264     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     265     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     266     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     267     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     268     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     269     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     270     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     271     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     272     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     273     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     274     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     277     0.00000000000000E+0     -4.80000000000000E+0
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   BmTempGrad              17     385     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     386     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     387     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     388     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     389     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     390     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     391     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     392     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     393     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     394     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     395     0.00000000000000E+0     -4.80000000000000E+0

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadL             18      76      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      77      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      78      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      79      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      80      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      81      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      82      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      83      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      84      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      85      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      86      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      87      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      88      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      89      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      90      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      91      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      92      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      93      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      94      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      95      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      96      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      97      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      98      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      99      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     100      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     101      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     102      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     103      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     104      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     105      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     106      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     107      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     108      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     109      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     110      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     111      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     112      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     113      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

```
   BmDistLoadL            18     114      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     115      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     116      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     117      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     118      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     119      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     120      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     121      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     122      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     123      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     124      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     125      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     126      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     127      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     128      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     129      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     130      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     131      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     132      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     133      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     134      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     135      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     136      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     137      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     138      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     139      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     140      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     141      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     142      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     143      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     144      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     145      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     146      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     147      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     148      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     149      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     150      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     151      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     152      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     153      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     154      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     156      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     157      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     158      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     159      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     160      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     161      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     162      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     163      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     164      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     165      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     166      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     167      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     168      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     169      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     170      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     171      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     172      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     173      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     174      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     175      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     176      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     177      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     178      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     179      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     180      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     181      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     182      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     183      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     184      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     185      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     186      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     187      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     188      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     189      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     190      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     191      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     192      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     193      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     194      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     195      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     196      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     197      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     198      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     199      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     200      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     201      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     202      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     203      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     204      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     205      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     206      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     207      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     208      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     209      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     210      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     211      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     212      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     213      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     214      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     215      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     216      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     217      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     218      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     219      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     220      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     221      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     222      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     223      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     224      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     225      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     226      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     227      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     228      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     229      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     230      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     231      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     232      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     233      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     234      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     235      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     236      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     237      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     238      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     239      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     240      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     241      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     242      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     243      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     244      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     245      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     246      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     247      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     248      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     249      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     251      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     252      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     253      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     254      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     255      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     256      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     257      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     258      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     259      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     260      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     261      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     262      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     263      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     264      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     265      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     266      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     267      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     268      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     269      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     270      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     271      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     272      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     273      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     274      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     275      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     276      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     277      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     384      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     385      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     386      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     387      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     388      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     389      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     390      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     391      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     392      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     393      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     394      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     395      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadG            18      76      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      77      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      78      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      79      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      80      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      81      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      82      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      83      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      84      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      85      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      86      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      87      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      88      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      89      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      90      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      91      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      92      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      93      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      94      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      95      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      96      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      97      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      98      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      99      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     100      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     101      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     102      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     103      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     104      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     105      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     106      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     107      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     108      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     109      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     110      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     111      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     112      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     113      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     114      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     115      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     116      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     117      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     118      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     119      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     120      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     121      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     122      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     123      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     124      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     125      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     126      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     127      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     128      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     129      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     130      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     131      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     132      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     133      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     134      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     135      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     136      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     137      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     138      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     139      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     140      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     141      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     142      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     143      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     144      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     145      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     146      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     147      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     148      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     149      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     150      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     151      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     152      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     153      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     154      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     156      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     157      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     158      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     159      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     160      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     161      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     162      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     163      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     164      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     165      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     166      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     167      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     168      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     169      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     170      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     171      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     172      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     173      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     174      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     175      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     176      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     177      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     178      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     179      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     180      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     181      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     182      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     183      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     184      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     185      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     186      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     187      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     188      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     189      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     190      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     191      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     192      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     193      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     194      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     195      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     196      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     197      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     198      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     199      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     200      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     201      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     202      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     203      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     204      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     205      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     206      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     207      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     208      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     209      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     210      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     211      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     212      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     213      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     214      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     215      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     216      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     217      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     218      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     219      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     220      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     221      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     222      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     223      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     224      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     225      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     226      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     227      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     228      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     229      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     230      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     231      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     232      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     233      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     234      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     235      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     236      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     237      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     238      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     239      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     240      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     241      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     242      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     243      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     244      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     245      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     246      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     247      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     248      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     249      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     251      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     252      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     253      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     254      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     255      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     256      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     257      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     258      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     259      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     260      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     261      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     262      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     263      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     264      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     265      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     266      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     267      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     268      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     269      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     270      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     271      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     272      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     273      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     274      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     275      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     276      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     277      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     287      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     288      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     289      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     290      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     291      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     292      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     293      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     294      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     295      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     296      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     297      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     298      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     299      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     300      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     301      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     302      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     303      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     342      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     343      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     344      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     345      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     346      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     347      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     348      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     349      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     350      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     351      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     352      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     353      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     354      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     355      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     356      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     357      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     358      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     384      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     385      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     386      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     387      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     388      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     389      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     390      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     391      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     392      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     393      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     394      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     395      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
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/ Vento ponte carico +Y
   BmDistLoadL            19      76       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      77       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      78       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      79       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      80       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      81       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      82       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      83       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      84       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      85       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      86       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      87       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      88       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      89       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      90       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      91       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      92       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      93       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      94       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      95       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      96       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      97       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      98       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      99       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     100       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     101       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     102       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     103       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     104       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     105       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     106       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     107       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     108       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     109       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     110       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     111       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     112       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     113       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     114       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     115       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     116       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     117       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     118       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     119       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     120       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     121       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     122       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     123       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     124       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     125       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     126       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     127       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     128       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     129       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     130       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadL            19     131      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     132      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     133      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     134      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     135      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     136      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     137      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     138      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     139      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     140      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     141      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     142      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     143      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     144      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     145      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     146      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     147      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     148      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     149      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     150      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     151      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     152      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     153      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     154      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     156      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     157      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     158      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     159      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     160      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     161      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     162      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     163      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     164      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     165      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     166      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     167      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     168      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     169      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     170      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     171      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     172      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     173      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     174      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     175      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     176      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     177      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     178      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     179      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     180      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     181      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     182      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     183      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     184      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     185      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     186      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            19     187      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     188      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     189      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     190      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     191      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     192      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     193      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     194      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     195      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     196      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     197      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     198      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     199      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     200      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     201      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     202      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     203      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     204      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     205      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     206      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     207      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     208      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     209      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     210      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     211      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     212      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     213      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     214      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     215      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     216      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     217      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     218      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     219      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     220      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     221      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     222      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     223      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     224      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     225      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     226      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     227      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     228      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     229      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     230      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     231      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     232      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     233      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     234      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     235      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     236      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     237      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     238      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     239      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     240      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     241      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadL            19     242      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     243      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     244      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     245      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     246      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     247      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     248      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     249      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     251      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     252      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     253      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     254      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     255      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     256      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     257      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     258      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     259      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     260      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     261      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     262      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     263      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     264      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     265      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     266      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     267      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     268      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     269      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     270      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     271      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     272      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     273      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     274      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     275      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     276      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     277      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     384      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     385      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     386      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     387      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     388      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     389      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     390      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     391      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     392      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     393      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     394      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     395      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico +Y
   BmDistLoadG            19      76      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      77      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      78      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      79      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      80      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      81      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
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   BmDistLoadG            19      82      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      83      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      84      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      85      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      86      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      87      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      88      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      89      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      90      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      91      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      92      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      93      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      94      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      95      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      96      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      97      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      98      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      99      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     100      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     101      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     102      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     103      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     104      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     105      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     106      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     107      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     108      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     109      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     110      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     111      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     112      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     113      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     114      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     115      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     116      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     117      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     118      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     119      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     120      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     121      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     122      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     123      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     124      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     125      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     126      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     127      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     128      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     129      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     130      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     131      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     132      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     133      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     134      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     135      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     136      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     137      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     138      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     139      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     140      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     141      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     142      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     143      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     144      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     145      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     146      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     147      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     148      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     149      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     150      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     151      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     152      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     153      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     154      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     156      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     157      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     158      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     159      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     160      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     161      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     162      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     163      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     164      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     165      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     166      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     167      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     168      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     169      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     170      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     171      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     172      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     173      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     174      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     175      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     176      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     177      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     178      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     179      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     180      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     181      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     182      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     183      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     184      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     185      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     186      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     187      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     188      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     189      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     190      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     191      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     192      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     193      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     194      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     195      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     196      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     197      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     198      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     199      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     200      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     201      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     202      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     203      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     204      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     205      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     206      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     207      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     208      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     209      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     210      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     211      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     212      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     213      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     214      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     215      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     216      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     217      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     218      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     219      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     220      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     221      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     222      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     223      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     224      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     225      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     226      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     227      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     228      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     229      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     230      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     231      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     232      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     233      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     234      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     235      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     236      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     237      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     238      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     239      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     240      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     241      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     242      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     243      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     244      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     245      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     246      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     247      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     248      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     249      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     251      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     252      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     253      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     254      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     255      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     256      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     257      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     258      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     259      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     260      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     261      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     262      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     263      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     264      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     265      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     266      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     267      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     268      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     269      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     270      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     271      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     272      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     273      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     274      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     275      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     276      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     277      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     287      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     288      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     289      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     290      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     291      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     292      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     293      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     294      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     295      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     296      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     297      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     298      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     299      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     300      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     301      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     302      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     303      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     342      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     343      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     344      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     345      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     346      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     347      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     348      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     349      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     350      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     351      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     352      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     353      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     354      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     355      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     356      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     357      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     358      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG             19      359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      384      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      385      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      386      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      387      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      388      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      389      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      390      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      391      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      392      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      393      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      394      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      395      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 1
   BmDistLoadG             20      76       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      77       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      78       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      79       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      80       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      81       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      82       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      83       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      84       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      85       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      86       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      87       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      88       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      89       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      90       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      91       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            20      92      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      93      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      94      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      95      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      96      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      97      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      98      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      99      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     100      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     101      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     102      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     103      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     104      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     105      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     106      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     107      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     108      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     109      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     110      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     111      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     112      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     113      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     114      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     115      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     116      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     117      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     118      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     119      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     120      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     121      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     122      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     123      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     124      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     125      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     126      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     127      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     128      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     129      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     130      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     131      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     132      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     133      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     134      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     135      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     136      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     137      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     138      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     139      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     140      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     141      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     142      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     143      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     144      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     145      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     146      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     147      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     148      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     149      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     150      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     151      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     152      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     153      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     154      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     156      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     157      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     158      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     159      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     160      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     161      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     162      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     163      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     164      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     165      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     166      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     167      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     168      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     169      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     170      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     171      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     172      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     173      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     174      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     175      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     176      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     177      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     178      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     179      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     180      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     181      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     182      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     183      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     184      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     185      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     186      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     187      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     188      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     189      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     190      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     191      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     192      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     193      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     194      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     195      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     196      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     197      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     198      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     199      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     200      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     201      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     202      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     203      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     204      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     205      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     206      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     207      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     208      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     209      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     210      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     211      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     212      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     213      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     214      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     215      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     216      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     217      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     218      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     219      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     220      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     221      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     222      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     223      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     224      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     225      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     226      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     227      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     228      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     229      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     230      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     231      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     232      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     233      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     234      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     235      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     236      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     237      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     238      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     239      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     240      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     241      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     242      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     243      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     244      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     245      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     246      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     247      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     248      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     249      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     251      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     252      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     253      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     254      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     255      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     256      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     257      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     258      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     259      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     260      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     261      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     262      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     263      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     264      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     265      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     266      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     267      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     268      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     269      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     270      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     271      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     272      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     273      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     274      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     275      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     276      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     277      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG             20      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      384      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      385      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      386      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      387      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      388      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      389      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      390      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      391      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      392      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      393      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      394      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      395      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1a - spalla 1
   BmDistLoadG             21       76      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             21      249      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             21      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1b - campata 1
   BmDistLoadG             22       79      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22       80      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             22      244      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             22      245      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c - sx pila 1
   BmDistLoadG             23       83      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             23      239      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             23      288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c' - dx pila 1
   BmDistLoadG             24       84      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             24      238      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             24      289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1d - campata 2
   BmDistLoadG             25       87      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25       88      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             25      232      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
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   BmDistLoadG             25     233      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     294      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     295      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e - sx pila 2
   BmDistLoadG             26      91      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             26     227      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             26     300      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e' - dx pila 2
   BmDistLoadG             27      92      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             27     226      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.64
   BmDistLoadG             27     301      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1f - campata 3
   BmDistLoadG             28      95      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28      96      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     220      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     221      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     306      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     307      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g - sx pila 3
   BmDistLoadG             29      99      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             29     215      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             29     312      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g' - dx pila 3
   BmDistLoadG             30     100      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             30     214      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             30     313      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1h - campata 4
   BmDistLoadG             31     105      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     207      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     320      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i - sx pila 4
   BmDistLoadG             32     110      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             32     327      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             32     390      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i' - dx pila 4
   BmDistLoadG             33     111      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             33     328      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             33     389      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1l - campata 5
   BmDistLoadG             34     116      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     204      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     335      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m - sx pila 5
   BmDistLoadG             35     121      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             35     197      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
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   BmDistLoadG             35     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m' - dx pila 5
   BmDistLoadG             36     122      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             36     196      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             36     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 1n - campata 6
   BmDistLoadG             37     127      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     189      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o - sx pila 6
   BmDistLoadG             38     132      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             38     182      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             38     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o' - dx pila 6
   BmDistLoadG             39     133      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             39     181      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             39     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1p - campata 7
   BmDistLoadG             43     138      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     174      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q - sx pila 7
   BmDistLoadG             44     143      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             44     167      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             44     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q' - dx pila 7
   BmDistLoadG             45     144      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     164      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1r - campata 8
   BmDistLoadG             46     149      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             46     150      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     160      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     161      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1s - pila 8
   BmDistLoadG             47     154      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             47     156      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             47     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 2
   BmDistLoadG             48      76      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      77      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      78      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      79      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            48      80      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      81      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      82      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      83      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      84      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      85      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      86      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      87      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      88      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      89      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      90      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      91      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      92      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      93      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      94      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      95      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      96      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      97      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      98      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      99      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     100      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     101      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     102      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     103      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     104      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     105      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     106      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     107      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     108      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     109      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     110      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     111      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     112      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     113      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     114      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     115      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     116      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     117      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     118      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     119      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     120      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     121      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     122      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     123      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     124      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     125      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     126      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     127      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     128      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     129      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     130      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     131      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     132      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     133      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     134      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     135      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     136      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     137      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     138      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     139      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     140      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     141      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     142      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     143      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     144      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     145      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     146      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     147      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     148      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     149      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     150      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     151      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     152      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     153      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     154      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     156      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     157      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     158      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     159      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     160      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     161      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     162      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     163      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     164      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     165      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     166      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     167      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     168      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     169      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     170      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     171      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     172      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     173      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     174      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     175      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     176      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     177      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     178      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     179      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     180      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     181      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     182      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     183      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     184      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     185      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     186      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     187      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     188      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     189      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     190      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     191      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     192      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     193      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     194      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     195      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     196      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     197      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     198      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     199      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     200      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     201      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     202      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     203      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     204      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     205      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     206      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     207      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     208      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     209      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     210      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     211      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     212      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     213      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     214      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     215      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     216      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     217      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     218      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     219      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     220      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     221      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     222      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     223      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     224      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     225      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     226      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     227      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     228      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     229      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     230      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     231      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     232      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     233      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     234      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     235      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     236      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     237      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     238      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     239      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     240      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     241      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     242      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     243      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     244      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     245      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            48     246      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     247      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     248      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     249      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     251      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     252      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     253      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     254      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     255      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     256      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     257      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     258      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     259      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     260      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     261      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     262      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     263      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     264      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     265      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     266      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     267      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     268      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     269      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     270      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     271      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     272      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     273      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     274      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     275      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     276      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     277      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            48     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             48      357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      384      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      385      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      386      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      387      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      388      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      389      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      390      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      391      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      392      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      393      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      394      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      395      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2a - spalla 1
   BmDistLoadG             49       76      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             49      249      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             49      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2b - campata 1
   BmDistLoadG             50       79      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50       80      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             50      244      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             50      245      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c - sx pila 1
   BmDistLoadG             51       83      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
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   BmDistLoadG             51     239      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             51     288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c' - dx pila 1
   BmDistLoadG             52      84      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             52     238      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             52     289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2d - campata 2
   BmDistLoadG             53      87      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53      88      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     232      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     233      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     294      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     295      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e - sx pila 2
   BmDistLoadG             54      91      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             54     227      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             54     300      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e' - dx pila 2
   BmDistLoadG             55      92      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             55     226      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             55     301      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2f - campata 3
   BmDistLoadG             56      95      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56      96      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     220      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     221      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     306      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     307      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g - sx pila 3
   BmDistLoadG             57      99      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             57     215      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             57     312      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g' - dx pila 3
   BmDistLoadG             58     100      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             58     214      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             58     313      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2h - campata 4
   BmDistLoadG             59     105      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     207      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     320      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i - sx pila 4
   BmDistLoadG             60     110      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             60     327      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             60     390      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i' - dx pila 4
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   BmDistLoadG             61     111      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             61     328      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             61     389      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2l - campata 5
   BmDistLoadG             62     116      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     204      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     335      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m - sx pila 5
   BmDistLoadG             63     121      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             63     197      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             63     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m' - dx pila 5
   BmDistLoadG             64     122      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             64     196      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             64     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 2n - campata 6
   BmDistLoadG             65     127      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     189      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o - sx pila 6
   BmDistLoadG             66     132      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             66     182      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             66     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o' - dx pila 6
   BmDistLoadG             67     133      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             67     181      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             67     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2p - campata 7
   BmDistLoadG             68     138      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     174      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q - sx pila 7
   BmDistLoadG             69     143      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             69     167      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             69     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q' - dx pila 7
   BmDistLoadG             70     144      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     164      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2r - campata 8
   BmDistLoadG             71     149      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             71     150      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     160      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     161      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             71     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
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   BmDistLoadG             71     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2s - pila 8
   BmDistLoadG             72     154      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             72     156      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             72     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________________
/ BEAM PROPERTIES

   BeamProp                55   "Traverso appoggio"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 8.24000000000000E-2
     MomentI11            8.62287900000000E-2
     MomentI22            2.28755000000000E-3
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                56   "Traverso campata"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 3.96000000000000E-2
     MomentI11            3.64132900000000E-2
     MomentI22            4.63120000000000E-4
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                58   "FS1 - Trave C1"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 9.27700000000000E-2
     MomentI11            8.72400000000000E-2
     MomentI22            2.23497000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                59   "FS1 - Trave C2"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 9.10500000000000E-2
     MomentI11            9.23600000000000E-2
     MomentI22            2.84167000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                60   "FS1 - Trave C3"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 8.75000000000000E-2
     MomentI11            8.45800000000000E-2
     MomentI22            2.23452000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                61   "FS1 - Trave C4"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
```

```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.29100000000000E-1
  MomentI11           1.35200000000000E-1
  MomentI22           4.02214000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              62   "FS1 - Trave C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              63   "FS1 - Trave C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.10500000000000E-2
  MomentI11           9.23600000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              64   "FS1 - Trave C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              65   "FS1 - Trave C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.20500000000000E-1
  MomentI11           1.26800000000000E-1
  MomentI22           3.87869000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              66   "FS1 - Trave C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.22200000000000E-2
  MomentI11           8.19100000000000E-2
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              67   "FS1 - Trave C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
```

```
  Area                9.10500000000000E-2
  MomentI11           9.23600000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               68   "FS1 - Trave C11"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               69   "FS1 - Trave C12"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.40800000000000E-1
  MomentI11           1.51700000000000E-1
  MomentI22           4.41212000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               70   "FS1 - Trave C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.78700000000000E-2
  MomentI11           1.04900000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               71   "FS1 - Trave C14"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.03300000000000E-1
  MomentI11           1.08200000000000E-1
  MomentI22           3.59208000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               72   "FS1 - Trave C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.78700000000000E-2
  MomentI11           1.04900000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               73   "FS1 - Trave C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.57300000000000E-1
  MomentI11           1.75700000000000E-1
  MomentI22           4.90626000000000E-3
```

```
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                74   "FS1 - Trave C17"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                75   "FS1 - Trave C18"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                76   "FS1 - Trave C19"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                77   "FS1 - Trave C20"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.57300000000000E-1
  MomentI11            1.75700000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                78   "FS1 - Trave C21"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                79   "FS1 - Trave C22"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
```

```
  Hardening          Isotropic

BeamProp               80   "FS1 - Trave C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               81   "FS1 - Trave C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.57300000000000E-1
  MomentI11            1.75700000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               82   "FS1 - Trave C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               83   "FS1 - Trave C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               84   "FS1 - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               85   "FS1 - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.47500000000000E-1
  MomentI11            1.65600000000000E-1
  MomentI22            4.80158000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               86   "FS1 - Trave C29"
```

```
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.22200000000000E-2
  MomentI11            8.19100000000000E-2
  MomentI22            2.23417000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               87   "FS1 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.75000000000000E-2
  MomentI11            8.45800000000000E-2
  MomentI22            2.23452000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               88   "FS1 - Trave C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.27700000000000E-2
  MomentI11            8.72400000000000E-2
  MomentI22            2.23497000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp             172   "FS1 - Centrale C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.90000000000000E-2
  MomentI11            8.53400000000000E-2
  MomentI22            2.23497000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp             173   "FS1 - Centrale C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.80400000000000E-2
  MomentI11            9.07500000000000E-2
  MomentI22            2.84167000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp             174   "FS1 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.41000000000000E-2
  MomentI11            8.28600000000000E-2
  MomentI22            2.23452000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp             175   "FS1 - Centrale C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
```

```
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.25000000000000E-1
  MomentI11           1.33200000000000E-1
  MomentI22           4.02214000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              176   "FS1 - Centrale C5"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.36200000000000E-2
  MomentI11           8.58700000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              177   "FS1 - Centrale C6"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.80400000000000E-2
  MomentI11           9.07500000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              178   "FS1 - Centrale C7"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.36200000000000E-2
  MomentI11           8.58700000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              179   "FS1 - Centrale C8"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.16800000000000E-1
  MomentI11           1.24900000000000E-1
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              180   "FS1 - Centrale C9"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                7.92000000000000E-2
  MomentI11           8.03800000000000E-2
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              181   "FS1 - Centrale C10"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
```

```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.80400000000000E-2
  MomentI11           9.07500000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              182   "FS1 - Centrale C11"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.36200000000000E-2
  MomentI11           8.58700000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              183   "FS1 - Centrale C12"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.36800000000000E-1
  MomentI11           1.49800000000000E-1
  MomentI22           4.41212000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              184   "FS1 - Centrale C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.48800000000000E-2
  MomentI11           1.03400000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              185   "FS1 - Centrale C14"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00300000000000E-1
  MomentI11           1.06600000000000E-1
  MomentI22           3.59208000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              186   "FS1 - Centrale C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.48800000000000E-2
  MomentI11           1.03400000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              187   "FS1 - Centrale C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
```

```
  Area                1.53300000000000E-1
  MomentI11           1.73800000000000E-1
  MomentI22           4.90626000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              188   "FS1 - Centrale C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              189   "FS1 - Centrale C18"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.68800000000000E-2
  MomentI11           9.90600000000000E-2
  MomentI22           3.44916000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              190   "FS1 - Centrale C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              191   "FS1 - Centrale C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.53300000000000E-1
  MomentI11           1.73800000000000E-1
  MomentI22           4.90626000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              192   "FS1 - Centrale C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              193   "FS1 - Centrale C22"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.68800000000000E-2
  MomentI11           9.90600000000000E-2
  MomentI22           3.44916000000000E-3
```

```
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              194   "FS1 - Centrale C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              195   "FS1 - Centrale C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.53300000000000E-1
  MomentI11           1.73800000000000E-1
  MomentI22           4.90626000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              196   "FS1 - Centrale C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              197   "FS1 - Centrale C26"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.68800000000000E-2
  MomentI11           9.90600000000000E-2
  MomentI22           3.44916000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              198   "FS1 - Centrale C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.97400000000000E-2
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              199   "FS1 - Centrale C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.43800000000000E-1
  MomentI11           1.63800000000000E-1
  MomentI22           4.80158000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
```

```
    Hardening          Isotropic

  BeamProp               200   "FS1 - Centrale C29"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Density              1.41660000000000E+4
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 7.92000000000000E-2
    MomentI11            8.03800000000000E-2
    MomentI22            2.23417000000000E-3
    MomentJ              2.89435300000000E-2
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               201   "FS1 - Centrale C30"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Density              1.41660000000000E+4
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 8.41000000000000E-2
    MomentI11            8.28600000000000E-2
    MomentI22            2.23452000000000E-3
    MomentJ              2.89435300000000E-2
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               202   "FS1 - Centrale C31"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Density              1.41660000000000E+4
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 2.19500000000000E-1
    MomentI11            1.96400000000000E-1
    MomentI22            2.23497000000000E-3
    MomentJ              2.89435300000000E-2
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic


/ ____________________________________________________________________________
/ SPECTRAL RESPONSE SOLVER DATA

  SpectralDirectionVector   "Spettro SLV - dir. X"
     1     1.00000000000000E+0      0.00000000000000E+0      0.00000000000000E+0

  SpectralDirectionVector   "Spettro SLV - dir. Y"
     1     0.00000000000000E+0      1.00000000000000E+0      0.00000000000000E+0

  SpectralDirectionVector   "Spettro SLV - dir. Z"
     2     0.00000000000000E+0      0.00000000000000E+0      1.00000000000000E+0
```

2 MODELLO FEM_EST1_FASE2.ST7

2.1 BILL OF QUANTITIES

Model: Modello FEM_EST1_FASE2

Bill of materials

Selected groups:
Model
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso appoggio
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso campata
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Appoggi
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Trave centrale
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave esterna
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave interna

Included mass:
Structural Mass

	Mass kg	Volum... m^3	Length m	Ar... m^2	Cou...	Mate...	Ty...	Section
Grand total:	503045,888	227,398	1777,242					
Beam properties:								
55: Traverso appoggio	112500,007	7,942	96,378		18		Bea...	
56: Traverso campata	390545,882	27,569	696,193		136		Bea...	
89: FS2 - Trave C1	0,000	4,098	19,000		6		Bea...	
90: FS2 - Trave C2	0,000	4,988	22,011		6		Bea...	
91: FS2 - Trave C3	0,000	4,239	19,000		6		Bea...	
93: FS2 - Trave C5	0,000	2,916	14,000		4		Bea...	
94: FS2 - Trave C6	0,000	4,682	22,012		8		Bea...	
95: FS2 - Trave C7	0,000	2,897	14,000		4		Bea...	
97: FS2 - Trave C9	0,000	2,855	14,000		4		Bea...	
98: FS2 - Trave C10	0,000	3,831	18,011		6		Bea...	
99: FS2 - Trave C11	0,000	3,333	16,000		6		Bea...	
101: FS2 - Trave C13	0,000	3,698	15,904		4		Bea...	
102: FS2 - Trave C14	0,000	6,813	28,027		10		Bea...	
103: FS2 - Trave C15	0,000	4,981	21,000		6		Bea...	
105: FS2 - Trave C17	0,000	3,816	15,905		4		Bea...	
106: FS2 - Trave C18	0,000	6,717	28,024		10		Bea...	
107: FS2 - Trave C19	0,000	3,843	15,905		4		Bea...	
109: FS2 - Trave C21	0,000	3,635	15,906		4		Bea...	
110: FS2 - Trave C22	0,000	6,332	28,018		10		Bea...	
111: FS2 - Trave C23	0,000	3,634	15,906		4		Bea...	
113: FS2 - Trave C25	0,000	3,638	15,909		4		Bea...	
114: FS2 - Trave C26	0,000	6,329	28,003		10		Bea...	
115: FS2 - Trave C27	0,000	3,621	15,909		4		Bea...	
118: FS2 - Trave C30	0,000	8,332	40,193		12		Bea...	
119: FS2 - Trave C31	0,000	4,182	20,205		6		Bea...	
152: Fess - Trave C4	0,000	2,754	20,000		8		Bea...	
155: Fess - Trave C8	0,000	2,572	20,000		8		Bea...	
158: Fess - Trave C12	0,000	3,583	23,999		8		Bea...	
159: Fess - Trave C13	0,000	0,549	5,097		2		Bea...	
161: Fess - Trave C16	0,000	3,994	24,000		8		Bea...	
162: Fess - Trave C17	0,000	0,576	5,095		2		Bea...	
163: Fess - Trave C19	0,000	0,577	5,095		2		Bea...	
164: Fess - Trave C20	0,000	3,994	24,000		8		Bea...	
165: Fess - Trave C21	0,000	0,572	5,094		2		Bea...	
166: Fess - Trave C23	0,000	0,572	5,094		2		Bea...	
167: Fess - Trave C24	0,000	3,986	24,000		8		Bea...	
168: Fess - Trave C25	0,000	0,572	5,091		2		Bea...	
169: Fess - Trave C27	0,000	0,571	5,091		2		Bea...	
170: Fess - Trave C28	0,000	3,437	22,058		8		Bea...	
203: FS2 - Centrale C1	0,000	1,788	9,500		3		Bea...	
204: FS2 - Centrale C2	0,000	2,125	11,006		3		Bea...	
205: FS2 - Centrale C3	0,000	1,797	9,500		3		Bea...	
207: FS2 - Centrale C5	0,000	1,321	7,000		2		Bea...	
208: FS2 - Centrale C6	0,000	2,125	11,006		4		Bea...	
209: FS2 - Centrale C7	0,000	1,436	7,624		3		Bea...	

211: FS2 - Centrale C9	0,000	1,290	7,000	2	Bea...
212: FS2 - Centrale C10	0,000	1,739	9,006	3	Bea...
213: FS2 - Centrale C11	0,000	1,510	8,000	3	Bea...
215: FS2 - Centrale C13	0,000	1,590	7,952	2	Bea...
216: FS2 - Centrale C14	0,000	2,878	14,014	5	Bea...
217: FS2 - Centrale C15	0,000	2,100	10,500	3	Bea...
219: FS2 - Centrale C17	0,000	1,629	7,952	2	Bea...
220: FS2 - Centrale C18	0,000	2,830	14,012	5	Bea...
221: FS2 - Centrale C19	0,000	1,629	7,952	2	Bea...
223: FS2 - Centrale C21	0,000	1,629	7,953	2	Bea...
224: FS2 - Centrale C22	0,000	2,830	14,009	5	Bea...
225: FS2 - Centrale C23	0,000	1,629	7,953	2	Bea...
227: FS2 - Centrale C25	0,000	1,629	7,954	2	Bea...
228: FS2 - Centrale C26	0,000	2,828	14,001	5	Bea...
229: FS2 - Centrale C27	0,000	1,629	7,954	2	Bea...
231: FS2 - Centrale C29	0,000	1,955	8,971	3	Bea...
232: FS2 - Centrale C30	0,000	2,462	11,051	3	Bea...
233: FS2 - Centrale C31	0,000	2,195	10,000	3	Bea...
266: Fess - centrale - ...	0,000	1,326	10,000	4	Bea...
269: Fess - centrale - ...	0,000	1,165	9,376	3	Bea...
272: Fess - centrale - ...	0,000	1,734	12,000	4	Bea...
273: Fess - centrale - ...	0,000	0,261	2,548	1	Bea...
275: Fess - centrale - ...	0,000	1,932	12,000	4	Bea...
276: Fess - centrale - ...	0,000	0,274	2,548	1	Bea...
277: Fess - centrale - ...	0,000	0,274	2,548	1	Bea...
278: Fess - centrale - ...	0,000	1,932	12,000	4	Bea...
279: Fess - centrale - ...	0,000	0,274	2,547	1	Bea...
280: Fess - centrale - ...	0,000	0,274	2,547	1	Bea...
281: Fess - centrale - ...	0,000	1,932	12,000	4	Bea...
282: Fess - centrale - ...	0,000	0,273	2,546	1	Bea...
283: Fess - centrale - ...	0,000	0,273	2,546	1	Bea...
284: Fess - centrale - ...	0,000	1,671	11,029	4	Bea...
Total	503045,888	227,398	1777,242	472	

Centre of mass

	Mass kg	CM(X) m	CM(... m	CM(... m
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000			
Layer Appoggi	0,000			
Layer Trave centrale	0,000			
Layer Traverso appoggio	112500,007	169,312	-5,320	0,000
Layer Traverso campata	390545,882	168,178	-7,929	0,000
Model	0,000			
Trave esterna	0,000			
Trave interna	0,000			
Total:	503045,888	168,432	-7,345	0,000

Local inertia

	Ixx kg.m^2	Iyy kg.m^2	Izz kg.m^2	Ixy kg.m^2	Iyz ...	Izx ...
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso appoggio	7749955,724	1428737445,902	1436487401,626	23375226,861	0,000	0,000
Layer Traverso campata	19925268,770	3498212639,567	3518137908,337	58776724,304	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	0,000	0,000	0,000	0,000	0,000	0,000
Trave interna	0,000	0,000	0,000	0,000	0,000	0,000
Total:	28269513,761	4927062419,270	4955331933,030	82410328,354	0,000	0,000

Global inertia

	IXX kg.m^2	IYY kg.m^2	IZZ kg.m^2	IXY kg.m^2	IYZ ...	IZX ...
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso appoggio	10934172,096	4653736883,244	4664671055,340	-77961321,369	0,000	0,000
Layer Traverso campata	44476417,313	14544379555,030	14588855972,340	-461988179,246	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	0,000	0,000	0,000	0,000	0,000	0,000
Trave interna	0,000	0,000	0,000	0,000	0,000	0,000
Total:	55410589,409	19198116438,270	19253527027,680	-539949500,615	0,000	0,000

2.2 ELEMENT PROPERTIES SUMMARY

Model: Modello FEM_EST1_FASE2

Beam: Structural

	Material	E MPa	G MPa	ν	ρ kg/m³	Mass/Lengt... kg/m	...	C	ξ	α /C	NonLinear	Hardening
55: Traverso appoggio	Steel - Modified	200000,000	80000,000	0,250	14166,000	1167,278		0,000	0,000	0,000	ElastoPlastic	Isotropic
56: Traverso campata	Steel - Modified	200000,000	80000,000	0,250	14166,000	560,974		0,000	0,000	0,000	ElastoPlastic	Isotropic
89: FS2 - Trave C1	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
90: FS2 - Trave C2	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
91: FS2 - Trave C3	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
92: FS2 - Trave C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
93: FS2 - Trave C5	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
94: FS2 - Trave C6	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
95: FS2 - Trave C7	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
96: FS2 - Trave C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
97: FS2 - Trave C9	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
98: FS2 - Trave C10	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
99: FS2 - Trave C11	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
100: FS2 - Trave C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
101: FS2 - Trave C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
102: FS2 - Trave C14	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
103: FS2 - Trave C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
104: FS2 - Trave C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
105: FS2 - Trave C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
106: FS2 - Trave C18	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
107: FS2 - Trave C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
108: FS2 - Trave C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
109: FS2 - Trave C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
110: FS2 - Trave C22	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
111: FS2 - Trave C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
112: FS2 - Trave C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
113: FS2 - Trave C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
114: FS2 - Trave C26	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
115: FS2 - Trave C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
116: FS2 - Trave C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
117: FS2 - Trave C29	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
118: FS2 - Trave C30	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
119: FS2 - Trave C31	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
152: Fess - Trave C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
155: Fess - Trave C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
158: Fess - Trave C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
159: Fess - Trave C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic
160: Fess - Trave C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000		0,000	0,000	0,000	ElastoPlastic	Isotropic

161: Fess - Trave C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
162: Fess - Trave C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
163: Fess - Trave C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
164: Fess - Trave C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
165: Fess - Trave C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
166: Fess - Trave C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
167: Fess - Trave C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
168: Fess - Trave C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
169: Fess - Trave C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
170: Fess - Trave C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
203: FS2 - Centrale C1	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
204: FS2 - Centrale C2	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
205: FS2 - Centrale C3	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
206: FS2 - Centrale C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
207: FS2 - Centrale C5	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
208: FS2 - Centrale C6	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
209: FS2 - Centrale C7	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
210: FS2 - Centrale C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
211: FS2 - Centrale C9	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
212: FS2 - Centrale C10	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
213: FS2 - Centrale C11	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
214: FS2 - Centrale C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
215: FS2 - Centrale C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
216: FS2 - Centrale C14	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
217: FS2 - Centrale C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
218: FS2 - Centrale C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
219: FS2 - Centrale C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
220: FS2 - Centrale C18	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
221: FS2 - Centrale C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
222: FS2 - Centrale C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
223: FS2 - Centrale C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
224: FS2 - Centrale C22	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
225: FS2 - Centrale C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
226: FS2 - Centrale C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
227: FS2 - Centrale C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
228: FS2 - Centrale C26	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
229: FS2 - Centrale C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
230: FS2 - Centrale C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
231: FS2 - Centrale C29	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
232: FS2 - Centrale C30	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
233: FS2 - Centrale C31	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
266: Fess - centrale - C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
269: Fess - centrale - C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
272: Fess - centrale - C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
273: Fess - centrale - C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
274: Fess - centrale - C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
275: Fess - centrale - C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic

276: Fess - centrale - C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
277: Fess - centrale - C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
278: Fess - centrale - C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
279: Fess - centrale - C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
280: Fess - centrale - C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
281: Fess - centrale - C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
282: Fess - centrale - C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
283: Fess - centrale - C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
284: Fess - centrale - C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
285: Fess - centrale - C29	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic

Beam: Heat transfer

	Material	ρ kg/m^3	Cp J/kg/C	κ J/s/m...
55: Traverso appoggio	Steel - Modified	14166,000	500,000	51,000
56: Traverso campata	Steel - Modified	14166,000	500,000	51,000
89: FS2 - Trave C1	Steel - Modified	0,000	500,000	51,000
90: FS2 - Trave C2	Steel - Modified	0,000	500,000	51,000
91: FS2 - Trave C3	Steel - Modified	0,000	500,000	51,000
92: FS2 - Trave C4	Steel - Modified	0,000	500,000	51,000
93: FS2 - Trave C5	Steel - Modified	0,000	500,000	51,000
94: FS2 - Trave C6	Steel - Modified	0,000	500,000	51,000
95: FS2 - Trave C7	Steel - Modified	0,000	500,000	51,000
96: FS2 - Trave C8	Steel - Modified	0,000	500,000	51,000
97: FS2 - Trave C9	Steel - Modified	0,000	500,000	51,000
98: FS2 - Trave C10	Steel - Modified	0,000	500,000	51,000
99: FS2 - Trave C11	Steel - Modified	0,000	500,000	51,000
100: FS2 - Trave C12	Steel - Modified	0,000	500,000	51,000
101: FS2 - Trave C13	Steel - Modified	0,000	500,000	51,000
102: FS2 - Trave C14	Steel - Modified	0,000	500,000	51,000
103: FS2 - Trave C15	Steel - Modified	0,000	500,000	51,000
104: FS2 - Trave C16	Steel - Modified	0,000	500,000	51,000
105: FS2 - Trave C17	Steel - Modified	0,000	500,000	51,000
106: FS2 - Trave C18	Steel - Modified	0,000	500,000	51,000
107: FS2 - Trave C19	Steel - Modified	0,000	500,000	51,000
108: FS2 - Trave C20	Steel - Modified	0,000	500,000	51,000
109: FS2 - Trave C21	Steel - Modified	0,000	500,000	51,000
110: FS2 - Trave C22	Steel - Modified	0,000	500,000	51,000
111: FS2 - Trave C23	Steel - Modified	0,000	500,000	51,000
112: FS2 - Trave C24	Steel - Modified	0,000	500,000	51,000
113: FS2 - Trave C25	Steel - Modified	0,000	500,000	51,000
114: FS2 - Trave C26	Steel - Modified	0,000	500,000	51,000
115: FS2 - Trave C27	Steel - Modified	0,000	500,000	51,000
116: FS2 - Trave C28	Steel - Modified	0,000	500,000	51,000
117: FS2 - Trave C29	Steel - Modified	0,000	500,000	51,000

118: FS2 - Trave C30	Steel - Modified	0,000	500,000	51,000
119: FS2 - Trave C31	Steel - Modified	0,000	500,000	51,000
152: Fess - Trave C4	Steel - Modified	0,000	500,000	51,000
155: Fess - Trave C8	Steel - Modified	0,000	500,000	51,000
158: Fess - Trave C12	Steel - Modified	0,000	500,000	51,000
159: Fess - Trave C13	Steel - Modified	0,000	500,000	51,000
160: Fess - Trave C15	Steel - Modified	0,000	500,000	51,000
161: Fess - Trave C16	Steel - Modified	0,000	500,000	51,000
162: Fess - Trave C17	Steel - Modified	0,000	500,000	51,000
163: Fess - Trave C19	Steel - Modified	0,000	500,000	51,000
164: Fess - Trave C20	Steel - Modified	0,000	500,000	51,000
165: Fess - Trave C21	Steel - Modified	0,000	500,000	51,000
166: Fess - Trave C23	Steel - Modified	0,000	500,000	51,000
167: Fess - Trave C24	Steel - Modified	0,000	500,000	51,000
168: Fess - Trave C25	Steel - Modified	0,000	500,000	51,000
169: Fess - Trave C27	Steel - Modified	0,000	500,000	51,000
170: Fess - Trave C28	Steel - Modified	0,000	500,000	51,000
203: FS2 - Centrale C1	Steel - Modified	0,000	500,000	51,000
204: FS2 - Centrale C2	Steel - Modified	0,000	500,000	51,000
205: FS2 - Centrale C3	Steel - Modified	0,000	500,000	51,000
206: FS2 - Centrale C4	Steel - Modified	0,000	500,000	51,000
207: FS2 - Centrale C5	Steel - Modified	0,000	500,000	51,000
208: FS2 - Centrale C6	Steel - Modified	0,000	500,000	51,000
209: FS2 - Centrale C7	Steel - Modified	0,000	500,000	51,000
210: FS2 - Centrale C8	Steel - Modified	0,000	500,000	51,000
211: FS2 - Centrale C9	Steel - Modified	0,000	500,000	51,000
212: FS2 - Centrale C10	Steel - Modified	0,000	500,000	51,000
213: FS2 - Centrale C11	Steel - Modified	0,000	500,000	51,000
214: FS2 - Centrale C12	Steel - Modified	0,000	500,000	51,000
215: FS2 - Centrale C13	Steel - Modified	0,000	500,000	51,000
216: FS2 - Centrale C14	Steel - Modified	0,000	500,000	51,000
217: FS2 - Centrale C15	Steel - Modified	0,000	500,000	51,000
218: FS2 - Centrale C16	Steel - Modified	0,000	500,000	51,000
219: FS2 - Centrale C17	Steel - Modified	0,000	500,000	51,000
220: FS2 - Centrale C18	Steel - Modified	0,000	500,000	51,000
221: FS2 - Centrale C19	Steel - Modified	0,000	500,000	51,000
222: FS2 - Centrale C20	Steel - Modified	0,000	500,000	51,000
223: FS2 - Centrale C21	Steel - Modified	0,000	500,000	51,000
224: FS2 - Centrale C22	Steel - Modified	0,000	500,000	51,000
225: FS2 - Centrale C23	Steel - Modified	0,000	500,000	51,000
226: FS2 - Centrale C24	Steel - Modified	0,000	500,000	51,000
227: FS2 - Centrale C25	Steel - Modified	0,000	500,000	51,000
228: FS2 - Centrale C26	Steel - Modified	0,000	500,000	51,000
229: FS2 - Centrale C27	Steel - Modified	0,000	500,000	51,000
230: FS2 - Centrale C28	Steel - Modified	0,000	500,000	51,000
231: FS2 - Centrale C29	Steel - Modified	0,000	500,000	51,000
232: FS2 - Centrale C30	Steel - Modified	0,000	500,000	51,000

233: FS2 - Centrale C31	Steel - Modified	0,000	500,000	51,000
266: Fess - centrale - C4	Steel - Modified	0,000	500,000	51,000
269: Fess - centrale - C8	Steel - Modified	0,000	500,000	51,000
272: Fess - centrale - C12	Steel - Modified	0,000	500,000	51,000
273: Fess - centrale - C13	Steel - Modified	0,000	500,000	51,000
274: Fess - centrale - C15	Steel - Modified	0,000	500,000	51,000
275: Fess - centrale - C16	Steel - Modified	0,000	500,000	51,000
276: Fess - centrale - C17	Steel - Modified	0,000	500,000	51,000
277: Fess - centrale - C19	Steel - Modified	0,000	500,000	51,000
278: Fess - centrale - C20	Steel - Modified	0,000	500,000	51,000
279: Fess - centrale - C21	Steel - Modified	0,000	500,000	51,000
280: Fess - centrale - C23	Steel - Modified	0,000	500,000	51,000
281: Fess - centrale - C24	Steel - Modified	0,000	500,000	51,000
282: Fess - centrale - C25	Steel - Modified	0,000	500,000	51,000
283: Fess - centrale - C27	Steel - Modified	0,000	500,000	51,000
284: Fess - centrale - C28	Steel - Modified	0,000	500,000	51,000
285: Fess - centrale - C29	Steel - Modified	0,000	500,000	51,000

Beam: Sections

	Section	Section Type	Area m^2	I11 m^4	I22 m^4	J m^4	SL1 m	SL2 m	SA1 m^2	SA2 m^2
55: Traverso appoggio	Undefined Section	Undefined Section	0,082	0,086	0,002	0,000	0,000	0,000	0,000	0,000
56: Traverso campata	Undefined Section	Undefined Section	0,040	0,036	0,000	0,000	0,000	0,000	0,000	0,000
89: FS2 - Trave C1	Undefined Section	Undefined Section	0,216	0,198	0,480	0,194	0,000	0,000	0,000	0,000
90: FS2 - Trave C2	Undefined Section	Undefined Section	0,227	0,226	0,480	0,194	0,000	0,000	0,000	0,000
91: FS2 - Trave C3	Undefined Section	Undefined Section	0,223	0,197	0,480	0,194	0,000	0,000	0,000	0,000
92: FS2 - Trave C4	Undefined Section	Undefined Section	0,246	0,267	0,481	0,194	0,000	0,000	0,000	0,000
93: FS2 - Trave C5	Undefined Section	Undefined Section	0,208	0,203	0,480	0,194	0,000	0,000	0,000	0,000
94: FS2 - Trave C6	Undefined Section	Undefined Section	0,213	0,220	0,480	0,194	0,000	0,000	0,000	0,000
95: FS2 - Trave C7	Undefined Section	Undefined Section	0,207	0,203	0,480	0,194	0,000	0,000	0,000	0,000
96: FS2 - Trave C8	Undefined Section	Undefined Section	0,230	0,257	0,481	0,194	0,000	0,000	0,000	0,000
97: FS2 - Trave C9	Undefined Section	Undefined Section	0,204	0,186	0,480	0,194	0,000	0,000	0,000	0,000
98: FS2 - Trave C10	Undefined Section	Undefined Section	0,213	0,220	0,480	0,194	0,000	0,000	0,000	0,000
99: FS2 - Trave C11	Undefined Section	Undefined Section	0,208	0,203	0,480	0,194	0,000	0,000	0,000	0,000
100: FS2 - Trave C12	Undefined Section	Undefined Section	0,256	0,290	0,482	0,194	0,000	0,000	0,000	0,000
101: FS2 - Trave C13	Undefined Section	Undefined Section	0,233	0,227	0,481	0,194	0,000	0,000	0,000	0,000
102: FS2 - Trave C14	Undefined Section	Undefined Section	0,243	0,261	0,481	0,194	0,000	0,000	0,000	0,000
103: FS2 - Trave C15	Undefined Section	Undefined Section	0,237	0,229	0,481	0,194	0,000	0,000	0,000	0,000
104: FS2 - Trave C16	Undefined Section	Undefined Section	0,281	0,321	0,482	0,194	0,000	0,000	0,000	0,000
105: FS2 - Trave C17	Undefined Section	Undefined Section	0,240	0,233	0,481	0,194	0,000	0,000	0,000	0,000
106: FS2 - Trave C18	Undefined Section	Undefined Section	0,240	0,261	0,481	0,194	0,000	0,000	0,000	0,000
107: FS2 - Trave C19	Undefined Section	Undefined Section	0,242	0,234	0,481	0,194	0,000	0,000	0,000	0,000
108: FS2 - Trave C20	Undefined Section	Undefined Section	0,281	0,321	0,482	0,194	0,000	0,000	0,000	0,000
109: FS2 - Trave C21	Undefined Section	Undefined Section	0,229	0,229	0,481	0,194	0,000	0,000	0,000	0,000
110: FS2 - Trave C22	Undefined Section	Undefined Section	0,226	0,254	0,354	0,194	0,000	0,000	0,000	0,000

111: FS2 - Trave C23	Undefined Section	Undefined Section	0,229	0,229	0,354	0,194	0,000	0,000	0,000	0,000
112: FS2 - Trave C24	Undefined Section	Undefined Section	0,277	0,318	0,356	0,194	0,000	0,000	0,000	0,000
113: FS2 - Trave C25	Undefined Section	Undefined Section	0,229	0,229	0,354	0,194	0,000	0,000	0,000	0,000
114: FS2 - Trave C26	Undefined Section	Undefined Section	0,226	0,254	0,354	0,194	0,000	0,000	0,000	0,000
115: FS2 - Trave C27	Undefined Section	Undefined Section	0,228	0,228	0,354	0,194	0,000	0,000	0,000	0,000
116: FS2 - Trave C28	Undefined Section	Undefined Section	0,261	0,308	0,355	0,194	0,000	0,000	0,000	0,000
117: FS2 - Trave C29	Undefined Section	Undefined Section	0,202	0,185	0,303	0,194	0,000	0,000	0,000	0,000
118: FS2 - Trave C30	Undefined Section	Undefined Section	0,207	0,191	0,303	0,194	0,000	0,000	0,000	0,000
119: FS2 - Trave C31	Undefined Section	Undefined Section	0,207	0,194	0,303	0,194	0,000	0,000	0,000	0,000
152: Fess - Trave C4	Undefined Section	Undefined Section	0,138	0,152	0,998	0,215	0,000	0,000	0,000	0,000
155: Fess - Trave C8	Undefined Section	Undefined Section	0,129	0,144	0,998	0,215	0,000	0,000	0,000	0,000
158: Fess - Trave C12	Undefined Section	Undefined Section	0,149	0,169	0,999	0,215	0,000	0,000	0,000	0,000
159: Fess - Trave C13	Undefined Section	Undefined Section	0,108	0,124	0,997	0,215	0,000	0,000	0,000	0,000
160: Fess - Trave C15	Undefined Section	Undefined Section	0,108	0,125	0,997	0,215	0,000	0,000	0,000	0,000
161: Fess - Trave C16	Undefined Section	Undefined Section	0,166	0,194	0,999	0,215	0,000	0,000	0,000	0,000
162: Fess - Trave C17	Undefined Section	Undefined Section	0,113	0,127	0,997	0,215	0,000	0,000	0,000	0,000
163: Fess - Trave C19	Undefined Section	Undefined Section	0,113	0,127	0,997	0,215	0,000	0,000	0,000	0,000
164: Fess - Trave C20	Undefined Section	Undefined Section	0,166	0,194	0,999	0,215	0,000	0,000	0,000	0,000
165: Fess - Trave C21	Undefined Section	Undefined Section	0,112	0,126	0,997	0,215	0,000	0,000	0,000	0,000
166: Fess - Trave C23	Undefined Section	Undefined Section	0,112	0,126	0,733	0,215	0,000	0,000	0,000	0,000
167: Fess - Trave C24	Undefined Section	Undefined Section	0,166	0,193	0,735	0,215	0,000	0,000	0,000	0,000
168: Fess - Trave C25	Undefined Section	Undefined Section	0,112	0,126	0,733	0,215	0,000	0,000	0,000	0,000
169: Fess - Trave C27	Undefined Section	Undefined Section	0,112	0,125	0,733	0,215	0,000	0,000	0,000	0,000
170: Fess - Trave C28	Undefined Section	Undefined Section	0,156	0,183	0,735	0,215	0,000	0,000	0,000	0,000
203: FS2 - Centrale C1	Undefined Section	Undefined Section	0,188	0,184	0,205	0,194	0,000	0,000	0,000	0,000
204: FS2 - Centrale C2	Undefined Section	Undefined Section	0,193	0,209	0,206	0,194	0,000	0,000	0,000	0,000
205: FS2 - Centrale C3	Undefined Section	Undefined Section	0,189	0,181	0,205	0,194	0,000	0,000	0,000	0,000
206: FS2 - Centrale C4	Undefined Section	Undefined Section	0,228	0,255	0,207	0,194	0,000	0,000	0,000	0,000
207: FS2 - Centrale C5	Undefined Section	Undefined Section	0,189	0,193	0,205	0,194	0,000	0,000	0,000	0,000
208: FS2 - Centrale C6	Undefined Section	Undefined Section	0,193	0,209	0,206	0,194	0,000	0,000	0,000	0,000
209: FS2 - Centrale C7	Undefined Section	Undefined Section	0,188	0,193	0,205	0,194	0,000	0,000	0,000	0,000
210: FS2 - Centrale C8	Undefined Section	Undefined Section	0,220	0,249	0,207	0,194	0,000	0,000	0,000	0,000
211: FS2 - Centrale C9	Undefined Section	Undefined Section	0,184	0,176	0,205	0,194	0,000	0,000	0,000	0,000
212: FS2 - Centrale C10	Undefined Section	Undefined Section	0,193	0,209	0,206	0,194	0,000	0,000	0,000	0,000
213: FS2 - Centrale C11	Undefined Section	Undefined Section	0,189	0,193	0,205	0,194	0,000	0,000	0,000	0,000
214: FS2 - Centrale C12	Undefined Section	Undefined Section	0,242	0,280	0,207	0,194	0,000	0,000	0,000	0,000
215: FS2 - Centrale C13	Undefined Section	Undefined Section	0,200	0,211	0,206	0,194	0,000	0,000	0,000	0,000
216: FS2 - Centrale C14	Undefined Section	Undefined Section	0,205	0,240	0,207	0,194	0,000	0,000	0,000	0,000
217: FS2 - Centrale C15	Undefined Section	Undefined Section	0,200	0,211	0,206	0,194	0,000	0,000	0,000	0,000
218: FS2 - Centrale C16	Undefined Section	Undefined Section	0,258	0,305	0,208	0,194	0,000	0,000	0,000	0,000
219: FS2 - Centrale C17	Undefined Section	Undefined Section	0,205	0,216	0,206	0,194	0,000	0,000	0,000	0,000
220: FS2 - Centrale C18	Undefined Section	Undefined Section	0,202	0,239	0,206	0,194	0,000	0,000	0,000	0,000
221: FS2 - Centrale C19	Undefined Section	Undefined Section	0,205	0,216	0,206	0,194	0,000	0,000	0,000	0,000
222: FS2 - Centrale C20	Undefined Section	Undefined Section	0,258	0,305	0,208	0,194	0,000	0,000	0,000	0,000
223: FS2 - Centrale C21	Undefined Section	Undefined Section	0,205	0,216	0,206	0,194	0,000	0,000	0,000	0,000
224: FS2 - Centrale C22	Undefined Section	Undefined Section	0,202	0,239	0,206	0,194	0,000	0,000	0,000	0,000
225: FS2 - Centrale C23	Undefined Section	Undefined Section	0,205	0,216	0,206	0,194	0,000	0,000	0,000	0,000

226: FS2 - Centrale C24	Undefined Section	Undefined Section	0,258	0,305	0,206	0,194	0,000	0,000	0,000	0,000
227: FS2 - Centrale C25	Undefined Section	Undefined Section	0,205	0,216	0,208	0,194	0,000	0,000	0,000	0,000
228: FS2 - Centrale C26	Undefined Section	Undefined Section	0,202	0,239	0,206	0,194	0,000	0,000	0,000	0,000
229: FS2 - Centrale C27	Undefined Section	Undefined Section	0,205	0,216	0,206	0,194	0,000	0,000	0,000	0,000
230: FS2 - Centrale C28	Undefined Section	Undefined Section	0,249	0,299	0,206	0,194	0,000	0,000	0,000	0,000
231: FS2 - Centrale C29	Undefined Section	Undefined Section	0,218	0,188	0,469	0,194	0,000	0,000	0,000	0,000
232: FS2 - Centrale C30	Undefined Section	Undefined Section	0,223	0,194	0,469	0,194	0,000	0,000	0,000	0,000
233: FS2 - Centrale C31	Undefined Section	Undefined Section	0,220	0,196	0,469	0,194	0,000	0,000	0,000	0,000
266: Fess - centrale - C4	Undefined Section	Undefined Section	0,133	0,148	0,427	0,215	0,000	0,000	0,000	0,000
269: Fess - centrale - C8	Undefined Section	Undefined Section	0,124	0,141	0,426	0,215	0,000	0,000	0,000	0,000
272: Fess - centrale - C12	Undefined Section	Undefined Section	0,144	0,166	0,427	0,215	0,000	0,000	0,000	0,000
273: Fess - centrale - C13	Undefined Section	Undefined Section	0,103	0,119	0,426	0,215	0,000	0,000	0,000	0,000
274: Fess - centrale - C15	Undefined Section	Undefined Section	0,103	0,119	0,426	0,215	0,000	0,000	0,000	0,000
275: Fess - centrale - C16	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
276: Fess - centrale - C17	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
277: Fess - centrale - C19	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
278: Fess - centrale - C20	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
279: Fess - centrale - C21	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
280: Fess - centrale - C23	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
281: Fess - centrale - C24	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
282: Fess - centrale - C25	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
283: Fess - centrale - C27	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
284: Fess - centrale - C28	Undefined Section	Undefined Section	0,151	0,180	0,427	0,215	0,000	0,000	0,000	0,000
285: Fess - centrale - C29	Undefined Section	Undefined Section	0,089	0,099	0,974	0,215	0,000	0,000	0,000	0,000

Beam: Geometry

	Section	Section Type
55: Traverso appoggio	Undefined Section	Undefined Section
56: Traverso campata	Undefined Section	Undefined Section
89: FS2 - Trave C1	Undefined Section	Undefined Section
90: FS2 - Trave C2	Undefined Section	Undefined Section
91: FS2 - Trave C3	Undefined Section	Undefined Section
92: FS2 - Trave C4	Undefined Section	Undefined Section
93: FS2 - Trave C5	Undefined Section	Undefined Section
94: FS2 - Trave C6	Undefined Section	Undefined Section
95: FS2 - Trave C7	Undefined Section	Undefined Section
96: FS2 - Trave C8	Undefined Section	Undefined Section
97: FS2 - Trave C9	Undefined Section	Undefined Section
98: FS2 - Trave C10	Undefined Section	Undefined Section
99: FS2 - Trave C11	Undefined Section	Undefined Section
100: FS2 - Trave C12	Undefined Section	Undefined Section
101: FS2 - Trave C13	Undefined Section	Undefined Section
102: FS2 - Trave C14	Undefined Section	Undefined Section
103: FS2 - Trave C15	Undefined Section	Undefined Section

104: FS2 - Trave C16	Undefined Section	Undefined Section
105: FS2 - Trave C17	Undefined Section	Undefined Section
106: FS2 - Trave C18	Undefined Section	Undefined Section
107: FS2 - Trave C19	Undefined Section	Undefined Section
108: FS2 - Trave C20	Undefined Section	Undefined Section
109: FS2 - Trave C21	Undefined Section	Undefined Section
110: FS2 - Trave C22	Undefined Section	Undefined Section
111: FS2 - Trave C23	Undefined Section	Undefined Section
112: FS2 - Trave C24	Undefined Section	Undefined Section
113: FS2 - Trave C25	Undefined Section	Undefined Section
114: FS2 - Trave C26	Undefined Section	Undefined Section
115: FS2 - Trave C27	Undefined Section	Undefined Section
116: FS2 - Trave C28	Undefined Section	Undefined Section
117: FS2 - Trave C29	Undefined Section	Undefined Section
118: FS2 - Trave C30	Undefined Section	Undefined Section
119: FS2 - Trave C31	Undefined Section	Undefined Section
152: Fess - Trave C4	Undefined Section	Undefined Section
155: Fess - Trave C8	Undefined Section	Undefined Section
158: Fess - Trave C12	Undefined Section	Undefined Section
159: Fess - Trave C13	Undefined Section	Undefined Section
160: Fess - Trave C15	Undefined Section	Undefined Section
161: Fess - Trave C16	Undefined Section	Undefined Section
162: Fess - Trave C17	Undefined Section	Undefined Section
163: Fess - Trave C19	Undefined Section	Undefined Section
164: Fess - Trave C20	Undefined Section	Undefined Section
165: Fess - Trave C21	Undefined Section	Undefined Section
166: Fess - Trave C23	Undefined Section	Undefined Section
167: Fess - Trave C24	Undefined Section	Undefined Section
168: Fess - Trave C25	Undefined Section	Undefined Section
169: Fess - Trave C27	Undefined Section	Undefined Section
170: Fess - Trave C28	Undefined Section	Undefined Section
203: FS2 - Centrale C1	Undefined Section	Undefined Section
204: FS2 - Centrale C2	Undefined Section	Undefined Section
205: FS2 - Centrale C3	Undefined Section	Undefined Section
206: FS2 - Centrale C4	Undefined Section	Undefined Section
207: FS2 - Centrale C5	Undefined Section	Undefined Section
208: FS2 - Centrale C6	Undefined Section	Undefined Section
209: FS2 - Centrale C7	Undefined Section	Undefined Section
210: FS2 - Centrale C8	Undefined Section	Undefined Section
211: FS2 - Centrale C9	Undefined Section	Undefined Section
212: FS2 - Centrale C10	Undefined Section	Undefined Section
213: FS2 - Centrale C11	Undefined Section	Undefined Section
214: FS2 - Centrale C12	Undefined Section	Undefined Section
215: FS2 - Centrale C13	Undefined Section	Undefined Section
216: FS2 - Centrale C14	Undefined Section	Undefined Section
217: FS2 - Centrale C15	Undefined Section	Undefined Section
218: FS2 - Centrale C16	Undefined Section	Undefined Section

219: FS2 - Centrale C17	Undefined Section	Undefined Section
220: FS2 - Centrale C18	Undefined Section	Undefined Section
221: FS2 - Centrale C19	Undefined Section	Undefined Section
222: FS2 - Centrale C20	Undefined Section	Undefined Section
223: FS2 - Centrale C21	Undefined Section	Undefined Section
224: FS2 - Centrale C22	Undefined Section	Undefined Section
225: FS2 - Centrale C23	Undefined Section	Undefined Section
226: FS2 - Centrale C24	Undefined Section	Undefined Section
227: FS2 - Centrale C25	Undefined Section	Undefined Section
228: FS2 - Centrale C26	Undefined Section	Undefined Section
229: FS2 - Centrale C27	Undefined Section	Undefined Section
230: FS2 - Centrale C28	Undefined Section	Undefined Section
231: FS2 - Centrale C29	Undefined Section	Undefined Section
232: FS2 - Centrale C30	Undefined Section	Undefined Section
233: FS2 - Centrale C31	Undefined Section	Undefined Section
266: Fess - centrale - C4	Undefined Section	Undefined Section
269: Fess - centrale - C8	Undefined Section	Undefined Section
272: Fess - centrale - C12	Undefined Section	Undefined Section
273: Fess - centrale - C13	Undefined Section	Undefined Section
274: Fess - centrale - C15	Undefined Section	Undefined Section
275: Fess - centrale - C16	Undefined Section	Undefined Section
276: Fess - centrale - C17	Undefined Section	Undefined Section
277: Fess - centrale - C19	Undefined Section	Undefined Section
278: Fess - centrale - C20	Undefined Section	Undefined Section
279: Fess - centrale - C21	Undefined Section	Undefined Section
280: Fess - centrale - C23	Undefined Section	Undefined Section
281: Fess - centrale - C24	Undefined Section	Undefined Section
282: Fess - centrale - C25	Undefined Section	Undefined Section
283: Fess - centrale - C27	Undefined Section	Undefined Section
284: Fess - centrale - C28	Undefined Section	Undefined Section
285: Fess - centrale - C29	Undefined Section	Undefined Section

2.3 INPUT MODEL FILE

2.3.1 GENERAL DATA AND LOAD CASES

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/
_____________________________________________________________________
__________
/ STRAUS7 MODEL EXCHANGE FILE

/
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/ MODEL INFORMATION

   FileFormat           Straus7.2.3.3
   ModelName            "Modello FEM_EST1_FASE2"
   Title                ""
   Project              ""
   Author               ""
   Reference            ""
   Comments             ""

/
_____________________________________________________________________
_______
/ UNITS

   LengthUnit           m
   MassUnit             kg
   EnergyUnit           J
   PressureUnit         MPa
   ForceUnit            kN
   TemperatureUnit      C

/
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/ GROUP DEFINITIONS

   Group                   1    16711680   "\\Model"
   Group                   2    16757299   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'"
   Group                   3         255   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
appoggio"
   Group                   4    16711724   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
campata"
   Group                   5    16768512   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Appoggi"
   Group                   6    13107455   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Trave centrale"
   Group                   7    13380024   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave esterna"
   Group                   8     5426217   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave interna"

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/ FREEDOM CASE DEFINITIONS

   FreedomCase             1       0       1   "Freedom Case 1"


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/ LOAD CASE DEFINITIONS

   LoadCase               12       1   "p.p."
     Gravity               3    -9.81000000000000E+0
     LCInclude             3

   LoadCase               13       0   "Soletta"
     LCInclude             3

   LoadCase               14       0   "Perm. non strutturale"
     LCInclude             3

   LoadCase               15       0   "Ritiro"
     LCInclude             3

   LoadCase               16       0   "DT_M_Cool"
     LCInclude             3

   LoadCase               17       0   "DT_M_Heat"
     LCInclude             3

   LoadCase               18       0   "Vento ponte carico -Y"
     LCInclude             3

   LoadCase               19       0   "Vento ponte carico +Y"
     LCInclude             3

   LoadCase               20       0   "Traffico distribuito 1"
     LCInclude             3

   LoadCase               21       0   "Traffico tandem 1a -
spalla 1"
     LCInclude             3

   LoadCase               22       0   "Traffico tandem 1b -
campata 1"
     LCInclude             3

   LoadCase               23       0   "Traffico tandem 1c - sx
pila 1"
     LCInclude             3

   LoadCase               24       0   "Traffico tandem 1c' - dx
pila 1"
     LCInclude             3

   LoadCase               25       0   "Traffico tandem 1d -
campata 2"
     LCInclude             3

   LoadCase               26       0   "Traffico tandem 1e - sx
pila 2"
     LCInclude             3

   LoadCase               27       0   "Traffico tandem 1e' - dx
pila 2"
     LCInclude             3

   LoadCase               28       0   "Traffico tandem 1f -
campata 3"
     LCInclude             3

   LoadCase               29       0   "Traffico tandem 1g - sx
pila 3"
     LCInclude             3

   LoadCase               30       0   "Traffico tandem 1g' - dx
pila 3"
     LCInclude             3

   LoadCase               31       0   "Traffico tandem 1h -
campata 4"
     LCInclude             3

   LoadCase               32       0   "Traffico tandem 1i - sx
pila 4"
     LCInclude             3

   LoadCase               33       0   "Traffico tandem 1i' - dx
pila 4"
     LCInclude             3

   LoadCase               34       0   "Traffico tandem 1l -
campata 5"
     LCInclude             3

   LoadCase               35       0   "Traffico tandem 1m - sx
pila 5"
     LCInclude             3

   LoadCase               36       0   "Traffico tandem 1m' - dx
pila 5"
     LCInclude             3

   LoadCase               37       0   "nTraffico tandem 1n -
campata 6"
     LCInclude             3

   LoadCase               38       0   "Traffico tandem 1o - sx
pila 6"
     LCInclude             3

   LoadCase               39       0   "Traffico tandem 1o' - dx
pila 6"
     LCInclude             3

   LoadCase               43       0   "Traffico tandem 1p -
campata 7"
     LCInclude             3

   LoadCase               44       0   "Traffico tandem 1q - sx
pila 7"
     LCInclude             3

   LoadCase               45       0   "Traffico tandem 1q' - dx
pila 7"
     LCInclude             3

   LoadCase               46       0   "Traffico tandem 1r -
campata 8"
     LCInclude             3

   LoadCase               47       0   "Traffico tandem 1s - pila
8"
     LCInclude             3

   LoadCase               48       0   "Traffico distribuito 2"
     LCInclude             3

   LoadCase               49       0   "Traffico tandem 2a -
spalla 1"
     LCInclude             3

   LoadCase               50       0   "Traffico tandem 2b -
campata 1"
     LCInclude             3

   LoadCase               51       0   "Traffico tandem 2c - sx
pila 1"
     LCInclude             3

   LoadCase               52       0   "Traffico tandem 2c' - dx
pila 1"
     LCInclude             3
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   LoadCase                53       0   "Traffico tandem 2d -
campata 2"
     LCInclude              3

   LoadCase                54       0   "Traffico tandem 2e - sx
pila 2"
     LCInclude              3

   LoadCase                55       0   "Traffico tandem 2e' - dx
pila 2"
     LCInclude              3

   LoadCase                56       0   "Traffico tandem 2f -
campata 3"
     LCInclude              3

   LoadCase                57       0   "Traffico tandem 2g - sx
pila 3"
     LCInclude              3

   LoadCase                58       0   "Traffico tandem 2g' - dx
pila 3"
     LCInclude              3

   LoadCase                59       0   "Traffico tandem 2h -
campata 4"
     LCInclude              3

   LoadCase                60       0   "Traffico tandem 2i - sx
pila 4"
     LCInclude              3

   LoadCase                61       0   "Traffico tandem 2i' - dx
pila 4"
     LCInclude              3

   LoadCase                62       0   "Traffico tandem 2l -
campata 5"
     LCInclude              3

   LoadCase                63       0   "Traffico tandem 2m - sx
pila 5"
     LCInclude              3

   LoadCase                64       0   "Traffico tandem 2m' - dx
pila 5"
     LCInclude              3

   LoadCase                65       0   "nTraffico tandem 2n -
campata 6"
     LCInclude              3

   LoadCase                66       0   "Traffico tandem 2o - sx
pila 6"
     LCInclude              3

   LoadCase                67       0   "Traffico tandem 2o' - dx
pila 6"
     LCInclude              3

   LoadCase                68       0   "Traffico tandem 2p -
campata 7"
     LCInclude              3

   LoadCase                69       0   "Traffico tandem 2q - sx
pila 7"
     LCInclude              3

   LoadCase                70       0   "Traffico tandem 2q' - dx
pila 7"
     LCInclude              3

   LoadCase                71       0   "Traffico tandem 2r -
campata 8"
     LCInclude              3

   LoadCase                72       0   "Traffico tandem 2s - pila
8"
     LCInclude              3


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/ LOAD CASE COMBINATIONS

   LoadCaseCombination      73   "1A_FR"
      12        1.00000000000000E+0
      13        1.00000000000000E+0

   LoadCaseCombination      74   "2A_FR"
      14        1.00000000000000E+0

   LoadCaseCombination      75   "2B_FR"
      15        1.00000000000000E+0

   LoadCaseCombination      76   "3A_FR1"
      16        5.00000000000000E-1

   LoadCaseCombination      77   "3A_FR2"
      17        5.00000000000000E-1

   LoadCaseCombination      78   "3B_FR1"
      20        4.00000000000000E-1
      21        7.50000000000000E-1

   LoadCaseCombination      79   "3B_FR2"
      20        4.00000000000000E-1
      22        7.50000000000000E-1

   LoadCaseCombination      80   "3B_FR3"
      20        4.00000000000000E-1
      23        7.50000000000000E-1

   LoadCaseCombination      81   "3B_FR4"
      20        4.00000000000000E-1
      24        7.50000000000000E-1

   LoadCaseCombination      82   "3B_FR5"
      20        4.00000000000000E-1
      25        7.50000000000000E-1

   LoadCaseCombination      83   "3B_FR6"
      20        4.00000000000000E-1
      26        7.50000000000000E-1

   LoadCaseCombination      84   "3B_FR7"
      20        4.00000000000000E-1
      27        7.50000000000000E-1

   LoadCaseCombination      85   "3B_FR8"
      20        4.00000000000000E-1
      28        7.50000000000000E-1

   LoadCaseCombination      86   "3B_FR9"
      20        4.00000000000000E-1
      29        7.50000000000000E-1

   LoadCaseCombination      87   "3B_FR10"
      20        4.00000000000000E-1
      30        7.50000000000000E-1

   LoadCaseCombination      88   "3B_FR11"
      20        4.00000000000000E-1
      31        7.50000000000000E-1

   LoadCaseCombination      89   "3B_FR12"
      20        4.00000000000000E-1
      32        7.50000000000000E-1

   LoadCaseCombination      90   "3B_FR13"
      20        4.00000000000000E-1
      33        7.50000000000000E-1

   LoadCaseCombination      91   "3B_FR14"
      20        4.00000000000000E-1
      34        7.50000000000000E-1

   LoadCaseCombination      92   "3B_FR15"
      20        4.00000000000000E-1
      35        7.50000000000000E-1

   LoadCaseCombination      93   "3B_FR16"
      20        4.00000000000000E-1
      36        7.50000000000000E-1

   LoadCaseCombination      94   "3B_FR17"
      20        4.00000000000000E-1
      37        7.50000000000000E-1

   LoadCaseCombination      95   "3B_FR18"
      20        4.00000000000000E-1
      38        7.50000000000000E-1

   LoadCaseCombination      96   "3B_FR19"
      20        4.00000000000000E-1
      39        7.50000000000000E-1

   LoadCaseCombination      97   "3B_FR20"
      20        4.00000000000000E-1
      43        7.50000000000000E-1

   LoadCaseCombination      98   "3B_FR21"
      20        4.00000000000000E-1
      44        7.50000000000000E-1

   LoadCaseCombination      99   "3B_FR22"
      20        4.00000000000000E-1
      45        7.50000000000000E-1

   LoadCaseCombination     100   "3B_FR23"
      20        4.00000000000000E-1
      46        7.50000000000000E-1

   LoadCaseCombination     101   "3B_FR24"
      20        4.00000000000000E-1
      47        7.50000000000000E-1

   LoadCaseCombination     102   "3B_FR25"
      48        4.00000000000000E-1
      49        7.50000000000000E-1

   LoadCaseCombination     103   "3B_FR26"
      48        4.00000000000000E-1
      50        7.50000000000000E-1

   LoadCaseCombination     104   "3B_FR27"
      48        4.00000000000000E-1
      51        7.50000000000000E-1

   LoadCaseCombination     105   "3B_FR28"
      48        4.00000000000000E-1
      52        7.50000000000000E-1

   LoadCaseCombination     106   "3B_FR29"
      48        4.00000000000000E-1
      53        7.50000000000000E-1

   LoadCaseCombination     107   "3B_FR30"
      48        4.00000000000000E-1
      54        7.50000000000000E-1
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LoadCaseCombination     108   "3B_FR31"
   48        4.00000000000000E-1
   55        7.50000000000000E-1

LoadCaseCombination     109   "3B_FR32"
   48        4.00000000000000E-1
   56        7.50000000000000E-1

LoadCaseCombination     110   "3B_FR33"
   48        4.00000000000000E-1
   57        7.50000000000000E-1

LoadCaseCombination     111   "3B_FR34"
   48        4.00000000000000E-1
   58        7.50000000000000E-1

LoadCaseCombination     112   "3B_FR35"
   48        4.00000000000000E-1
   59        7.50000000000000E-1

LoadCaseCombination     113   "3B_FR36"
   48        4.00000000000000E-1
   60        7.50000000000000E-1

LoadCaseCombination     114   "3B_FR37"
   48        4.00000000000000E-1
   61        7.50000000000000E-1

LoadCaseCombination     115   "3B_FR38"
   48        4.00000000000000E-1
   62        7.50000000000000E-1

LoadCaseCombination     116   "3B_FR39"
   48        4.00000000000000E-1
   63        7.50000000000000E-1

LoadCaseCombination     117   "3B_FR40"
   48        4.00000000000000E-1
   64        7.50000000000000E-1

LoadCaseCombination     118   "3B_FR41"
   48        4.00000000000000E-1
   65        7.50000000000000E-1

LoadCaseCombination     119   "3B_FR42"
   48        4.00000000000000E-1
   66        7.50000000000000E-1

LoadCaseCombination     120   "3B_FR43"
   48        4.00000000000000E-1
   67        7.50000000000000E-1

LoadCaseCombination     121   "3B_FR44"
   48        4.00000000000000E-1
   68        7.50000000000000E-1

LoadCaseCombination     122   "3B_FR45"
   48        4.00000000000000E-1
   69        7.50000000000000E-1

LoadCaseCombination     123   "3B_FR46"
   48        4.00000000000000E-1
   70        7.50000000000000E-1

LoadCaseCombination     124   "3B_FR47"
   48        4.00000000000000E-1
   71        7.50000000000000E-1

LoadCaseCombination     125   "3B_FR48"
   48        4.00000000000000E-1
   72        7.50000000000000E-1

LoadCaseCombination     126   "1A_RA"
   12        1.00000000000000E+0
   13        1.00000000000000E+0

LoadCaseCombination     127   "2A_RA"
   14        1.00000000000000E+0

LoadCaseCombination     128   "2B_RA"
   15        1.00000000000000E+0

LoadCaseCombination     129   "3A_RA1"
   16        6.00000000000000E-1

LoadCaseCombination     130   "3A_RA2"
   17        6.00000000000000E-1

LoadCaseCombination     131   "3B_RA1"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     132   "3B_RA2"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     133   "3B_RA3"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     134   "3B_RA4"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     135   "3B_RA5"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     136   "3B_RA6"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     137   "3B_RA7"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     138   "3B_RA8"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     139   "3B_RA9"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     140   "3B_RA10"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     141   "3B_RA11"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     142   "3B_RA12"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     143   "3B_RA13"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     144   "3B_RA14"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     145   "3B_RA15"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     146   "3B_RA16"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     147   "3B_RA17"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     148   "3B_RA18"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     149   "3B_RA19"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   39        1.00000000000000E+0

LoadCaseCombination     150   "3B_RA20"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   43        1.00000000000000E+0

LoadCaseCombination     151   "3B_RA21"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   44        1.00000000000000E+0

LoadCaseCombination     152   "3B_RA22"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   45        1.00000000000000E+0

LoadCaseCombination     153   "3B_RA23"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   46        1.00000000000000E+0

LoadCaseCombination     154   "3B_RA24"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   47        1.00000000000000E+0

LoadCaseCombination     155   "3B_RA25"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   49        1.00000000000000E+0

LoadCaseCombination     156   "3B_RA26"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   50        1.00000000000000E+0

LoadCaseCombination     157   "3B_RA27"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   51        1.00000000000000E+0
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LoadCaseCombination     158   "3B_RA28"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   52        1.00000000000000E+0

LoadCaseCombination     159   "3B_RA29"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   53        1.00000000000000E+0

LoadCaseCombination     160   "3B_RA30"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   54        1.00000000000000E+0

LoadCaseCombination     161   "3B_RA31"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   55        1.00000000000000E+0

LoadCaseCombination     162   "3B_RA32"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   56        1.00000000000000E+0

LoadCaseCombination     163   "3B_RA33"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   57        1.00000000000000E+0

LoadCaseCombination     164   "3B_RA34"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   58        1.00000000000000E+0

LoadCaseCombination     165   "3B_RA35"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   59        1.00000000000000E+0

LoadCaseCombination     166   "3B_RA36"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   60        1.00000000000000E+0

LoadCaseCombination     167   "3B_RA37"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   61        1.00000000000000E+0

LoadCaseCombination     168   "3B_RA38"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   62        1.00000000000000E+0

LoadCaseCombination     169   "3B_RA39"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   63        1.00000000000000E+0

LoadCaseCombination     170   "3B_RA40"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   64        1.00000000000000E+0

LoadCaseCombination     171   "3B_RA41"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   65        1.00000000000000E+0

LoadCaseCombination     172   "3B_RA42"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   66        1.00000000000000E+0

LoadCaseCombination     173   "3B_RA43"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   67        1.00000000000000E+0

LoadCaseCombination     174   "3B_RA44"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   68        1.00000000000000E+0

LoadCaseCombination     175   "3B_RA45"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   69        1.00000000000000E+0

LoadCaseCombination     176   "3B_RA46"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   70        1.00000000000000E+0

LoadCaseCombination     177   "3B_RA47"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   71        1.00000000000000E+0

LoadCaseCombination     178   "3B_RA48"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   72        1.00000000000000E+0

LoadCaseCombination     179   "3B_RA49"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     180   "3B_RA50"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     181   "3B_RA51"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     182   "3B_RA52"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     183   "3B_RA53"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     184   "3B_RA54"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     185   "3B_RA55"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     186   "3B_RA56"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     187   "3B_RA57"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     188   "3B_RA58"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     189   "3B_RA59"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     190   "3B_RA60"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     191   "3B_RA61"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     192   "3B_RA62"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     193   "3B_RA63"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     194   "3B_RA64"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     195   "3B_RA65"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     196   "3B_RA66"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     197   "3B_RA67"
   39        1.00000000000000E+0

LoadCaseCombination     198   "3B_RA68"
   43        1.00000000000000E+0

LoadCaseCombination     199   "3B_RA69"
   44        1.00000000000000E+0

LoadCaseCombination     200   "3B_RA70"
   45        1.00000000000000E+0

LoadCaseCombination     201   "3B_RA71"
   46        1.00000000000000E+0

LoadCaseCombination     202   "3B_RA72"
   47        1.00000000000000E+0

LoadCaseCombination     203   "1A_SLU"
   12        1.35000000000000E+0
   13        1.35000000000000E+0

LoadCaseCombination     204   "2A_SLU"
   14        1.50000000000000E+0

LoadCaseCombination     205   "2B_SLU"
```

```
   15        1.20000000000000E+0

LoadCaseCombination     206   "3A_SLU1"
   16        9.00000000000000E-1

LoadCaseCombination     207   "3A_SLU2"
   17        9.00000000000000E-1

LoadCaseCombination     208   "3B_SLU1"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   21        1.35000000000000E+0

LoadCaseCombination     209   "3B_SLU2"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   22        1.35000000000000E+0

LoadCaseCombination     210   "3B_SLU3"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   23        1.35000000000000E+0

LoadCaseCombination     211   "3B_SLU4"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   24        1.35000000000000E+0

LoadCaseCombination     212   "3B_SLU5"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   25        1.35000000000000E+0

LoadCaseCombination     213   "3B_SLU6"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   26        1.35000000000000E+0

LoadCaseCombination     214   "3B_SLU7"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   27        1.35000000000000E+0

LoadCaseCombination     215   "3B_SLU8"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   28        1.35000000000000E+0

LoadCaseCombination     216   "3B_SLU9"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   29        1.35000000000000E+0

LoadCaseCombination     217   "3B_SLU10"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   30        1.35000000000000E+0

LoadCaseCombination     218   "3B_SLU11"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   31        1.35000000000000E+0

LoadCaseCombination     219   "3B_SLU12"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   32        1.35000000000000E+0

LoadCaseCombination     220   "3B_SLU13"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   33        1.35000000000000E+0

LoadCaseCombination     221   "3B_SLU14"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   34        1.35000000000000E+0

LoadCaseCombination     222   "3B_SLU15"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   35        1.35000000000000E+0

LoadCaseCombination     223   "3B_SLU16"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   36        1.35000000000000E+0

LoadCaseCombination     224   "3B_SLU17"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   37        1.35000000000000E+0

LoadCaseCombination     225   "3B_SLU18"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   38        1.35000000000000E+0

LoadCaseCombination     226   "3B_SLU19"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   39        1.35000000000000E+0

LoadCaseCombination     227   "3B_SLU20"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   43        1.35000000000000E+0

LoadCaseCombination     228   "3B_SLU21"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   44        1.35000000000000E+0

LoadCaseCombination     229   "3B_SLU22"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   45        1.35000000000000E+0

LoadCaseCombination     230   "3B_SLU23"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   46        1.35000000000000E+0

LoadCaseCombination     231   "3B_SLU24"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   47        1.35000000000000E+0

LoadCaseCombination     232   "3B_SLU25"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   49        1.35000000000000E+0

LoadCaseCombination     233   "3B_SLU26"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   50        1.35000000000000E+0

LoadCaseCombination     234   "3B_SLU27"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   51        1.35000000000000E+0

LoadCaseCombination     235   "3B_SLU28"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   52        1.35000000000000E+0

LoadCaseCombination     236   "3B_SLU29"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   53        1.35000000000000E+0

LoadCaseCombination     237   "3B_SLU30"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   54        1.35000000000000E+0

LoadCaseCombination     238   "3B_SLU31"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   55        1.35000000000000E+0

LoadCaseCombination     239   "3B_SLU32"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   56        1.35000000000000E+0

LoadCaseCombination     240   "3B_SLU33"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   57        1.35000000000000E+0

LoadCaseCombination     241   "3B_SLU34"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   58        1.35000000000000E+0

LoadCaseCombination     242   "3B_SLU35"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   59        1.35000000000000E+0

LoadCaseCombination     243   "3B_SLU36"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   60        1.35000000000000E+0

LoadCaseCombination     244   "3B_SLU37"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   61        1.35000000000000E+0

LoadCaseCombination     245   "3B_SLU38"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   62        1.35000000000000E+0

LoadCaseCombination     246   "3B_SLU39"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   63        1.35000000000000E+0

LoadCaseCombination     247   "3B_SLU40"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   64        1.35000000000000E+0

LoadCaseCombination     248   "3B_SLU41"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   65        1.35000000000000E+0

LoadCaseCombination     249   "3B_SLU42"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   66        1.35000000000000E+0

LoadCaseCombination     250   "3B_SLU43"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   67        1.35000000000000E+0
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   LoadCaseCombination     251   "3B_SLU44"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      68        1.35000000000000E+0

   LoadCaseCombination     252   "3B_SLU45"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      69        1.35000000000000E+0

   LoadCaseCombination     253   "3B_SLU46"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      70        1.35000000000000E+0

   LoadCaseCombination     254   "3B_SLU47"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      71        1.35000000000000E+0

   LoadCaseCombination     255   "3B_SLU48"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      72        1.35000000000000E+0

   LoadCaseCombination     256   "3B_SLU49"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      21        1.35000000000000E+0

   LoadCaseCombination     257   "3B_SLU50"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      22        1.35000000000000E+0

   LoadCaseCombination     258   "3B_SLU51"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      23        1.35000000000000E+0

   LoadCaseCombination     259   "3B_SLU52"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      24        1.35000000000000E+0

   LoadCaseCombination     260   "3B_SLU53"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      25        1.35000000000000E+0

   LoadCaseCombination     261   "3B_SLU54"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      26        1.35000000000000E+0

   LoadCaseCombination     262   "3B_SLU55"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      27        1.35000000000000E+0

   LoadCaseCombination     263   "3B_SLU56"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      28        1.35000000000000E+0

   LoadCaseCombination     264   "3B_SLU57"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      29        1.35000000000000E+0

   LoadCaseCombination     265   "3B_SLU58"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      30        1.35000000000000E+0

   LoadCaseCombination     266   "3B_SLU59"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      31        1.35000000000000E+0

   LoadCaseCombination     267   "3B_SLU60"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      32        1.35000000000000E+0

   LoadCaseCombination     268   "3B_SLU61"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      33        1.35000000000000E+0

   LoadCaseCombination     269   "3B_SLU62"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      34        1.35000000000000E+0

   LoadCaseCombination     270   "3B_SLU63"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      35        1.35000000000000E+0

   LoadCaseCombination     271   "3B_SLU64"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      36        1.35000000000000E+0

   LoadCaseCombination     272   "3B_SLU65"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      37        1.35000000000000E+0

   LoadCaseCombination     273   "3B_SLU66"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      38        1.35000000000000E+0

   LoadCaseCombination     274   "3B_SLU67"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      39        1.35000000000000E+0

   LoadCaseCombination     275   "3B_SLU68"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      43        1.35000000000000E+0

   LoadCaseCombination     276   "3B_SLU69"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      44        1.35000000000000E+0

   LoadCaseCombination     277   "3B_SLU70"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      45        1.35000000000000E+0

   LoadCaseCombination     278   "3B_SLU71"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      46        1.35000000000000E+0

   LoadCaseCombination     279   "3B_SLU72"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      47        1.35000000000000E+0


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/ RESULT CASE ENVELOPES

   LoadCaseEnvelope     "1A_ENV_FR_max"  Max
   ON                      73

   LoadCaseEnvelope     "1A_ENV_FR_min"  Min
   ON                      73

   LoadCaseEnvelope     "2A_ENV_FR_max"  Max
   ON                      74

   LoadCaseEnvelope     "2A_ENV_FR_min"  Min
   ON                      74

   LoadCaseEnvelope     "2B_ENV_FR_max"  Max
   ON                      75

   LoadCaseEnvelope     "2B_ENV_FR_min"  Min
   ON                      75

   LoadCaseEnvelope     "3A_ENV_FR_max"  Max
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3A_ENV_FR_min"  Min
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3B_ENV_FR_max"  Max
   ON                      78
   ON                      79
   ON                      80
   ON                      81
   ON                      82
   ON                      83
   ON                      84
   ON                      85
   ON                      86
   ON                      87
   ON                      88
   ON                      89
   ON                      90
   ON                      91
   ON                      92
   ON                      93
   ON                      94
   ON                      95
   ON                      96
   ON                      97
   ON                      98
   ON                      99
   ON                     100
   ON                     101
   ON                     102
   ON                     103
   ON                     104
   ON                     105
   ON                     106
   ON                     107
   ON                     108
   ON                     109
   ON                     110
   ON                     111
   ON                     112
   ON                     113
   ON                     114
   ON                     115
   ON                     116
   ON                     117
   ON                     118
   ON                     119
   ON                     120
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ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "3B_ENV_FR_min"  Min
ON                     78
ON                     79
ON                     80
ON                     81
ON                     82
ON                     83
ON                     84
ON                     85
ON                     86
ON                     87
ON                     88
ON                     89
ON                     90
ON                     91
ON                     92
ON                     93
ON                     94
ON                     95
ON                     96
ON                     97
ON                     98
ON                     99
ON                    100
ON                    101
ON                    102
ON                    103
ON                    104
ON                    105
ON                    106
ON                    107
ON                    108
ON                    109
ON                    110
ON                    111
ON                    112
ON                    113
ON                    114
ON                    115
ON                    116
ON                    117
ON                    118
ON                    119
ON                    120
ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "1A_ENV_RA_max"  Max
ON                    126

LoadCaseEnvelope     "1A_ENV_RA_min"  Min
ON                    126

LoadCaseEnvelope     "2A_ENV_RA_max"  Max
ON                    127

LoadCaseEnvelope     "2A_ENV_RA_min"  Min
ON                    127

LoadCaseEnvelope     "2B_ENV_RA_max"  Max
ON                    128

LoadCaseEnvelope     "2B_ENV_RA_min"  Max
ON                    128

LoadCaseEnvelope     "3A_ENV_RA_max"  Max
ON                    129
ON                    130

LoadCaseEnvelope     "3A_ENV_RA_min"  Min
ON                    129
ON                    130

LoadCaseEnvelope     "3B_ENV_RA_max"  Max
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
ON                    137
ON                    138
ON                    139
ON                    140
ON                    141
ON                    142
ON                    143
ON                    144
ON                    145
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ON                    189
ON                    190
ON                    191
ON                    192
ON                    193
ON                    194
ON                    195
ON                    196
ON                    197
ON                    198
ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "3B_ENV_RA_min"  Min
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
ON                    137
ON                    138
ON                    139
ON                    140
ON                    141
ON                    142
ON                    143
ON                    144
ON                    145
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ON                    181
ON                    182
ON                    183
ON                    184
ON                    185
ON                    186
ON                    187
ON                    188
ON                    189
ON                    190
ON                    191
ON                    192
ON                    193
ON                    194
ON                    195
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ON                    196
ON                    197
ON                    198
ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "1A_ENV_SLU_max"  Max
ON                    203

LoadCaseEnvelope     "1A_ENV_SLU_min"  Min
ON                    203

LoadCaseEnvelope     "2A_ENV_SLU_max"  Max
ON                    204

LoadCaseEnvelope     "2A_ENV_SLU_min"  Min
ON                    204

LoadCaseEnvelope     "2B_ENV_SLU_max"  Max
ON                    205

LoadCaseEnvelope     "2B_ENV_SLU_min"  Min
ON                    205

LoadCaseEnvelope     "3A_ENV_SLU_max"  Max
ON                    206
ON                    207

LoadCaseEnvelope     "3A_ENV_SLU_min"  Min
ON                    206
ON                    207

LoadCaseEnvelope     "3B_ENV_SLU_max"  Max
ON                    208
ON                    209
ON                    210
ON                    211
ON                    212
ON                    213
ON                    214
ON                    215
ON                    216
ON                    217
ON                    218
ON                    219
ON                    220
ON                    221
ON                    222
ON                    223
ON                    224
ON                    225
ON                    226
ON                    227
ON                    228
ON                    229
ON                    230
ON                    231
ON                    232
ON                    233
ON                    234
ON                    235
ON                    236
ON                    237
ON                    238
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ON                    245
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ON                    252
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ON                    254
ON                    255
ON                    256
ON                    257
ON                    258
ON                    259
ON                    260
ON                    261
ON                    262
ON                    263
ON                    264
ON                    265
ON                    266
ON                    267
ON                    268
ON                    269
ON                    270
ON                    271
ON                    272
ON                    273
ON                    274
ON                    275
ON                    276
ON                    277
ON                    278
ON                    279

LoadCaseEnvelope     "3B_ENV_SLU_min"  Min
ON                    208
ON                    209
ON                    210
ON                    211
ON                    212
ON                    213
ON                    214
ON                    215
ON                    216
ON                    217
ON                    218
ON                    219
ON                    220
ON                    221
ON                    222
ON                    223
ON                    224
ON                    225
ON                    226
ON                    227
ON                    228
ON                    229
ON                    230
ON                    231
ON                    232
ON                    233
ON                    234
ON                    235
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ON                    250
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ON                    252
ON                    253
ON                    254
ON                    255
ON                    256
ON                    257
ON                    258
ON                    259
ON                    260
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ON                    262
ON                    263
ON                    264
ON                    265
ON                    266
ON                    267
ON                    268
ON                    269
ON                    270
ON                    271
ON                    272
ON                    273
ON                    274
ON                    275
ON                    276
ON                    277
ON                    278
ON                    279
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2.3.2 ELEMENT GEOMETRY

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/ ____________________________________________________________________
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/ ____________________________________________________________________
/ COORDINATE SYSTEM DEFINITIONS

   CoordSys                 1   "Global XYZ"  GlobalXYZ

   CoordSys                 2   "UCS 1"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.18012636559000E+3      1.43513719135900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 3   "UCS 2"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.02996207768500E+3      1.45165569558900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 4   "UCS 3"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.06395124813300E+3      1.44330487077800E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 5   "UCS 4"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.09840306197500E+3      1.43713457721700E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 6   "UCS 5"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.13317777805300E+3      1.43316984246400E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 7   "UCS 6"  RectUCS
    2.22709757132700E+3      1.43338116254200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.22709757132700E+3      1.43338116254200E+3      0.00000000000000E+0

   CoordSys                 8   "UCS 7"  RectUCS
    2.27376862741300E+3      1.43893206546200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.27376862741300E+3      1.43893206546200E+3      0.00000000000000E+0

   CoordSys                 9   "UCS 8"  RectUCS
    2.32009145507300E+3      1.44688163289900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.32009145507300E+3      1.44688163289900E+3      0.00000000000000E+0

   CoordSys                10   "UCS 9"  RectUCS
    2.35482640686800E+3      1.45155226452300E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.35482640686800E+3      1.45155226452300E+3      0.00000000000000E+0
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/ ____________________________________________________________________
/ NODE COORDINATES

   Node                     1     3.42877890066513E+1     -8.42455462516477E+0      0.00000000000000E+0
   Node                     2     6.63887073238741E+1      1.35229648154063E+0      0.00000000000000E+0
   Node                     3     7.05337126563188E+1     -4.76199463312582E+0      0.00000000000000E+0
   Node                     4     6.90464113977330E+1     -1.46508502444519E+1      0.00000000000000E+0
   Node                     5     1.04998725018954E+2     -8.68995498916797E+0      0.00000000000000E+0
   Node                     6     1.04130831195834E+2     -1.86523588447083E+1      0.00000000000000E+0
   Node                     7     1.51508400676260E+2     -1.04998376303740E+1      0.00000000000000E+0
   Node                     8     1.51549654562348E+2     -2.05037338166210E+1      0.00000000000000E+0
   Node                     9     1.98067281278516E+2     -8.47728090443002E+0      0.00000000000000E+0
   Node                    10     1.98902496192898E+2     -1.84499739102632E+1      0.00000000000000E+0
   Node                    11     2.90602603797141E+2      4.96340979712318E+0      0.00000000000000E+0
   Node                    12     2.92354306355158E+2     -4.88214403664256E+0      0.00000000000000E+0
   Node                    13     2.44393709796534E+2     -2.96732435638887E+0      0.00000000000000E+0
   Node                    14     2.45917545030671E+2     -1.28505447216637E+1      0.00000000000000E+0
   Node                    15     4.25908095315026E+0     -1.17304871932606E+0      0.00000000000000E+0
   Node                    16     6.87629881547991E+0      8.47838488816637E+0      0.00000000000000E+0
   Node                    17     1.10636546747960E+1      7.36075189898816E+0      0.00000000000000E+0
   Node                    18     8.52718669781393E+0     -2.31221795617012E+0      0.00000000000000E+0
   Node                    19     1.28004035313720E+1     -3.41637937820383E+0      0.00000000000000E+0
   Node                    20     1.52636005863646E+1      6.27550693370381E+0      0.00000000000000E+0
   Node                    21     1.70850632977929E+1     -4.48718235119190E+0      0.00000000000000E+0
   Node                    22     1.94692675278859E+1      5.22443818472607E+0      0.00000000000000E+0
   Node                    23     2.13749932656449E+1     -5.52308833290613E+0      0.00000000000000E+0
   Node                    24     2.36862899619780E+1      4.20614162390507E+0      0.00000000000000E+0
   Node                    25     2.56774711381202E+1     -6.52583815437288E+0      0.00000000000000E+0
   Node                    26     2.79068508547350E+1      3.22248831094225E+0      0.00000000000000E+0
   Node                    27     2.99847930218068E+1     -7.49361823531194E+0      0.00000000000000E+0
   Node                    28     3.21381137618771E+1      2.27179060389903E+0      0.00000000000000E+0
   Node                    29     3.86235021728860E+1     -9.32649249320889E+0      0.00000000000000E+0
   Node                    30     4.06210459883248E+1      4.71967523951889E-1      0.00000000000000E+0
   Node                    31     4.29535281743258E+1     -1.01912842647338E+1      0.00000000000000E+0
   Node                    32     4.48729910954469E+1     -3.77229949878028E-1      0.00000000000000E+0
   Node                    33     4.72903025866219E+1     -1.10215719682498E+1      0.00000000000000E+0
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   Node                    35     5.16335504679080E+1     -1.18173029653669E+1      0.00000000000000E+0
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   Node                    39     6.03383653074341E+1     -1.33048953207619E+1      0.00000000000000E+0
   Node                    40     6.19443364074798E+1     -3.43469487607695E+0      0.00000000000000E+0
   Node                    41     6.46993794399239E+1     -1.39966622127947E+1      0.00000000000000E+0
   Node                    42     6.62267118035841E+1     -4.11398768403683E+0      0.00000000000000E+0
   Node                    43     7.34372411407178E+1     -1.52759185341240E+1      0.00000000000000E+0
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   Node                    46     7.91036654039460E+1     -5.94689788098435E+0      0.00000000000000E+0
   Node                    47     8.21943657473760E+1     -1.64158713677839E+1      0.00000000000000E+0
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   Node                    50     8.77122392101307E+1     -6.99788409410098E+0      0.00000000000000E+0
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   Node                    52     9.20221682345579E+1     -7.47189395805754E+0      0.00000000000000E+0
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Node	53	9.53613116184085E+1	-1.78639838968686E+1	0.00000000000000E+0
Node	54	9.63357348119878E+1	-7.91157215818521E+0	0.00000000000000E+0
Node	55	9.97575165392448E+1	-1.82767456563090E+1	0.00000000000000E+0
Node	56	1.00652665471947E+2	-8.31689081987793E+0	0.00000000000000E+0
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Node	63	1.21370081769660E+2	-1.97942578081440E+1	0.00000000000000E+0
Node	64	1.21875503617129E+2	-9.80703853945079E+0	0.00000000000000E+0
Node	65	1.25678274212993E+2	-1.99954893781139E+1	0.00000000000000E+0
Node	66	1.26106008878400E+2	-1.00046414151549E+1	0.00000000000000E+0
Node	67	1.29987901370570E+2	-2.01632094921686E+1	0.00000000000000E+0
Node	68	1.30337922982401E+2	-1.01693371279509E+1	0.00000000000000E+0
Node	69	1.34298702575876E+2	-2.02974080058088E+1	0.00000000000000E+0
Node	70	1.34570989963537E+2	-1.03011157162816E+1	0.00000000000000E+0
Node	71	1.38610417091763E+2	-2.03980768020899E+1	0.00000000000000E+0
Node	72	1.38804953785878E+2	-1.03999692095555E+1	0.00000000000000E+0
Node	73	1.42922784125604E+2	-2.04652097920919E+1	0.00000000000000E+0
Node	74	1.43039558359748E+2	-1.04658916286568E+1	0.00000000000000E+0
Node	75	1.47224506140611E+2	-2.04996511579341E+1	0.00000000000000E+0
Node	76	1.47285574830231E+2	-1.04998376303740E+1	0.00000000000000E+0
Node	77	1.55858025645728E+2	-2.04733055988306E+1	0.00000000000000E+0
Node	78	1.55747513655688E+2	-1.04739162610769E+1	0.00000000000000E+0
Node	79	1.60161056470442E+2	-2.04108804087948E+1	0.00000000000000E+0
Node	80	1.59991264691298E+2	-1.04123219737236E+1	0.00000000000000E+0
Node	81	1.64476218600903E+2	-2.03156454188377E+1	0.00000000000000E+0
Node	82	1.64221686770066E+2	-1.03188852648368E+1	0.00000000000000E+0
Node	83	1.68790430279093E+2	-2.01900229609139E+1	0.00000000000000E+0
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Node	85	1.73100020926066E+2	-2.00336360838448E+1	0.00000000000000E+0
Node	86	1.72683990171640E+2	-1.00422564966218E+1	0.00000000000000E+0
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Node	88	1.76920808783715E+2	-9.85616206889085E+0	0.00000000000000E+0
Node	89	1.81703827360970E+2	-1.96242185643807E+1	0.00000000000000E+0
Node	90	1.81156115905107E+2	-9.63923297363795E+0	0.00000000000000E+0
Node	91	1.86011951882739E+2	-1.93744403185026E+1	0.00000000000000E+0
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Node	110	2.27586260693174E+2	-5.33516594196658E+0	0.00000000000000E+0
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Node	210	-3.76737857095577E-4	2.40349538898954E-4	0.00000000000000E+0
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Node	213	9.79542068547084E+0	2.52426696822704E+0	0.00000000000000E+0
Node	214	1.05196310167791E+1	2.33458438535718E+0	0.00000000000000E+0
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Node	221	3.10614533918458E+1	-2.61091381569281E+0	0.00000000000000E+0
Node	222	3.53382481329829E+1	-3.53612922202683E+0	0.00000000000000E+0
Node	223	3.96222740805963E+1	-4.42726248471240E+0	0.00000000000000E+0
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Node	227	4.82101065037198E+1	-6.11146945704763E+0	0.00000000000000E+0
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Node	231	6.11413508574030E+1	-8.36979509875300E+0	0.00000000000000E+0
Node	232	6.48461469730248E+1	-8.95962665817797E+0	0.00000000000000E+0
Node	233	6.54630456219086E+1	-9.05532494883209E+0	0.00000000000000E+0
Node	234	6.97900619751902E+1	-9.70642278344167E+0	0.00000000000000E+0
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Node	274	1.92502663201713E+2	-1.39254286771415E+1	0.00000000000000E+0

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/ _____________________________________________________________________________
/ BEAM ELEMENTS

   Beam                   1       3      55       1     222
   Beam                   2       3      55       4     234
   Beam                   3       3      55       6     246
   Beam                   4       3      55       8     261
   Beam                   5       3      55      10     276
   Beam                   6       3      55      12     306
   Beam                   7       3      55      14     291
   Beam                   8       4      56      15     212
   Beam                   9       4      56      18     213
   Beam                  10       4      56      19     215
   Beam                  11       4      56      21     216
   Beam                  12       4      56      23     218
   Beam                  13       4      56      25     219
   Beam                  14       4      56      27     221
   Beam                  15       4      56      29     223
   Beam                  16       4      56      31     225
   Beam                  17       4      56      33     227
   Beam                  18       4      56      35     228
   Beam                  19       4      56      37     229
   Beam                  20       4      56      39     231
   Beam                  21       4      56      41     233
   Beam                  22       4      56      43     235
   Beam                  23       4      56      45     237
   Beam                  24       4      56      47     239
   Beam                  25       4      56      49     240
   Beam                  26       4      56      51     242
   Beam                  27       4      56      53     243
   Beam                  28       4      56      55     245
   Beam                  29       4      56      57     247
   Beam                  30       4      56      59     249
   Beam                  31       4      56      61     250
   Beam                  32       4      56      63     252
   Beam                  33       4      56      65     253
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Beam	143	8	170	136	11
Beam	144	8	170	11	137

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Beam	182	7	167	115	14
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Beam	185	7	111	111	113
Beam	186	7	111	192	111
Beam	187	7	110	109	192
Beam	188	7	110	107	109
Beam	189	7	110	105	107
Beam	190	7	110	103	105
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Beam	192	7	109	101	193
Beam	193	7	109	99	101
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Beam	195	7	164	97	194
Beam	196	7	164	10	97
Beam	197	7	164	95	10
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Beam	199	7	163	93	195
Beam	200	7	107	91	93
Beam	201	7	107	196	91
Beam	202	7	106	89	196
Beam	203	7	106	87	89
Beam	204	7	106	85	87
Beam	205	7	106	83	85
Beam	206	7	102	67	69
Beam	207	7	102	65	67
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Beam	209	7	102	197	63
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BmAngle              394        270.00
BmAngle              395        270.00
BmAngle              396        270.00
BmAngle              397        270.00
BmAngle              398        270.00
BmAngle              399        270.00
BmAngle              400        270.00
BmAngle              401        270.00
BmAngle              402        270.00
BmAngle              403        270.00
BmAngle              404        270.00
BmAngle              405        270.00
BmAngle              406        270.00
BmAngle              407        270.00
BmAngle              408        270.00
BmAngle              409        270.00
BmAngle              410        270.00
BmAngle              411        270.00
BmAngle              412        270.00
BmAngle              413        270.00
BmAngle              414        270.00
BmAngle              415        270.00
BmAngle              416        270.00
BmAngle              417        270.00
BmAngle              418        270.00
BmAngle              419        270.00
BmAngle              420        270.00
BmAngle              421        270.00
BmAngle              422        270.00
BmAngle              423        270.00
BmAngle              424        270.00
BmAngle              425        270.00
BmAngle              426        270.00
BmAngle              427        270.00
BmAngle              428        270.00
BmAngle              429        270.00
BmAngle              430        270.00
BmAngle              431        270.00
BmAngle              432        270.00
BmAngle              433        270.00
BmAngle              434        270.00
BmAngle              435        270.00
BmAngle              436        270.00
BmAngle              437        270.00
BmAngle              438        270.00
BmAngle              439        270.00
BmAngle              440        270.00
BmAngle              441        270.00
BmAngle              442        270.00
BmAngle              443        270.00
BmAngle              444        270.00
BmAngle              445        270.00
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   BmAngle               446        270.00
   BmAngle               447        270.00
   BmAngle               448        270.00
   BmAngle               449        270.00
   BmAngle               450        270.00
   BmAngle               451        270.00
   BmAngle               452        270.00
   BmAngle               453        270.00
   BmAngle               454        270.00
   BmAngle               455        270.00
   BmAngle               456        270.00
   BmAngle               457        270.00
   BmAngle               458        270.00
   BmAngle               459        270.00
   BmAngle               460        270.00
   BmAngle               461        270.00
   BmAngle               462        270.00
   BmAngle               463        270.00
   BmAngle               464        270.00
   BmAngle               465        270.00
   BmAngle               466        270.00
   BmAngle               467        270.00
   BmAngle               468        270.00
   BmAngle               469        270.00
   BmAngle               470        270.00
   BmAngle               471        270.00
   BmAngle               472        270.00

/ _____________________________________________________________________________
/ RIGID LINKS

   RigidLink               5     323     210          XYZ
   RigidLink               5     322     151          XYZ
   RigidLink               5     325       1          XYZ
   RigidLink               5     324       2          XYZ
   RigidLink               5     326       3          XYZ
   RigidLink               5     327       4          XYZ
   RigidLink               5     328       5          XYZ
   RigidLink               5     329       6          XYZ
   RigidLink               5     330       7          XYZ
   RigidLink               5     331       8          XYZ
   RigidLink               5     332       9          XYZ
   RigidLink               5     333      10          XYZ
   RigidLink               5     334      13          XYZ
   RigidLink               5     335      14          XYZ
   RigidLink               5     336      11          XYZ
   RigidLink               5     337      12          XYZ
   RigidLink               5     338     182          XYZ
   RigidLink               5     339     183          XYZ
   RigidLink               1     348     317          XYZ
   RigidLink               1     347     306          XYZ
   RigidLink               1     346     291          XYZ
   RigidLink               1     345     276          XYZ
   RigidLink               1     344     261          XYZ
   RigidLink               1     343     246          XYZ
   RigidLink               1     342     234          XYZ
   RigidLink               1     341     222          XYZ
   RigidLink               1     340     211          XYZ

/ _____________________________________________________________________________
/ NODE RESTRAINTS (ROTATION AS RADIAN)
/ Freedom Case 1
   NdFreedom               1     322       3           DY
   NdFreedom               1     323       3           DY
   NdFreedom               1     324       4           DY
   NdFreedom               1     325       4           DY
   NdFreedom               1     326       5           DY
   NdFreedom               1     327       5           DY
   NdFreedom               1     328       6           DY
   NdFreedom               1     329       6           DY
   NdFreedom               1     330       2           DY  DZ
   NdFreedom               1     331       2           DY  DZ
   NdFreedom               1     332       7           DY
   NdFreedom               1     333       7           DY
   NdFreedom               1     334       8           DY
   NdFreedom               1     335       8           DY
   NdFreedom               1     336       9           DY
   NdFreedom               1     337       9           DY
   NdFreedom               1     338      10           DY
   NdFreedom               1     339      10           DY
   NdFreedom               1     340       3           DY  DZ
   NdFreedom               1     341       4           DY  DZ
   NdFreedom               1     342       5           DY  DZ
   NdFreedom               1     343       6           DY  DZ
   NdFreedom               1     344       2       DX  DY  DZ
   NdFreedom               1     345       7           DY  DZ
   NdFreedom               1     346       8           DY  DZ
   NdFreedom               1     347       9           DY  DZ
   NdFreedom               1     348      10           DY  DZ

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Soletta
   BmDistLoadG            13      76      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      77      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      78      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      79      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      80      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      81      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      82      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      83      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG            13      84      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            13      85      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      86      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      87      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      88      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      89      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      90      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      91      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      92      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      93      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      94      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      95      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      96      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      97      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      98      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      99      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     100      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     101      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     102      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     103      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     104      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     105      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     106      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     107      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     108      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     109      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     110      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     111      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     112      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     113      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     114      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     115      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     116      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     117      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     118      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     119      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     120      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     121      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     122      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     123      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     124      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     125      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     126      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     127      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     128      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     129      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     130      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     131      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     132      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     133      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     134      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     135      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     136      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     137      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     138      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     139      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     140      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     141      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     142      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     143      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     144      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     145      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     146      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     147      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     148      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     149      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     150      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     151      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     152      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     153      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     154      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     156      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     157      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     158      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     159      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     160      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     161      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     162      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     163      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     164      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     165      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     166      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     167      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     168      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     169      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     170      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     171      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     172      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     173      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     174      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     175      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     176      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     177      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     178      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     179      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     180      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     181      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     182      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     183      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     184      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     185      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     186      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     187      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     188      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     189      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     190      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     191      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     192      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     193      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     194      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     195      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     196      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     197      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     198      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     199      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     200      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     201      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     202      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     203      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     204      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     205      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     206      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     207      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     208      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     209      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     210      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     211      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     212      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     213      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     214      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     215      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     216      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     217      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     218      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     219      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     220      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     221      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     222      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     223      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     224      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     225      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     226      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     227      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     228      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     229      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     230      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     231      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     232      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     233      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     234      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     235      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     236      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     237      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     238      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     239      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     240      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     241      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     242      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     243      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     244      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     245      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     246      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     247      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     248      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     249      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     251      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     252      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     253      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     254      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     255      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     256      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     257      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     258      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     259      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     260      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     261      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     262      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     263      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     264      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     265      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     266      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     267      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     268      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     269      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     270      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     271      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     272      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     273      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     274      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     275      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     276      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     277      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     278      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     279      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     280      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     281      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     282      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     283      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     284      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     285      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     286      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     287      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     288      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     289      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     290      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     291      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     292      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     293      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     294      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     295      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     296      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     297      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     298      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     299      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     300      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     301      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     302      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     303      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     304      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     305      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     306      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            13     307      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     308      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     309      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     310      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     311      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     312      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     313      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     314      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     315      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     316      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     317      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     318      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     319      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     320      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     321      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     322      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     323      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     324      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     325      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     326      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     327      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     328      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     329      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     330      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     331      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     332      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     333      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     334      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     335      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     336      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     337      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     338      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     339      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     340      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     341      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     342      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     343      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     344      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     345      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     346      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     347      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     348      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     349      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     350      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     351      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     352      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     353      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     354      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     355      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     356      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     357      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     358      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     359      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     360      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     361      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             13      362      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      363      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      364      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      365      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      366      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      367      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      368      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      369      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      370      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      371      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      372      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      373      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      374      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      375      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      376      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      377      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      378      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      379      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      380      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      381      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      382      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      383      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      384      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      385      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      386      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      387      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      388      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      389      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      390      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      391      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      392      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      393      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      394      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13      395      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ ____________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Perm. non strutturale
   BmDistLoadG             14      76       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      77       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      78       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      79       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      80       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      81       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      82       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      83       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      84       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      85       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      86       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      87       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      88       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      89       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      90       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      91       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      92       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      93       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      94       Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            14      95      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      96      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      97      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      98      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      99      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     100      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     101      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     102      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     103      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     104      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     105      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     106      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     107      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     108      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     109      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     110      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     111      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     112      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     113      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     114      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     115      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     116      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     117      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     118      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     119      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     120      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     121      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     122      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     123      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     124      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     125      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     126      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     127      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     128      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     129      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     130      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     131      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     132      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     133      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     134      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     135      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     136      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     137      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     138      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     139      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     140      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     141      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     142      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     143      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     144      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     145      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     146      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     147      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     148      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     149      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     150      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     151      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     152      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     153      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     154      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     156      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     157      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     158      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     159      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     160      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     161      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     162      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     163      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     164      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     165      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     166      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     167      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     168      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     169      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     170      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     171      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     172      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     173      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     174      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     175      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     176      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     177      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     178      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     179      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     180      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     181      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     182      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     183      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     184      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     185      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     186      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     187      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     188      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     189      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     190      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     191      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     192      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     193      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     194      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     195      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     196      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     197      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     198      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     199      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     200      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     201      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     202      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     203      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     204      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     205      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14     206      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     207      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     208      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     209      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     210      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     211      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     212      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     213      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     214      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     215      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     216      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     217      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     218      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     219      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     220      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     221      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     222      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     223      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     224      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     225      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     226      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     227      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     228      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     229      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     230      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     231      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     232      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     233      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     234      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     235      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     236      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     237      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     238      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     239      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     240      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     241      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     242      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     243      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     244      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     245      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     246      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     247      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     248      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     249      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     251      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     252      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     253      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     254      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     255      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     256      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     257      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     258      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     259      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     260      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     261      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     262      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     263      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     264      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     265      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     266      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     267      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     268      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     269      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     270      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     271      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     272      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     273      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     274      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     275      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     276      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     277      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     278      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     279      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     280      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     281      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     282      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     283      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     284      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     285      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     286      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     287      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     288      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     289      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     290      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     291      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     292      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     293      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     294      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     295      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     296      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     297      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     298      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     299      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     300      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     301      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     302      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     303      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     304      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     305      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     306      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     307      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     308      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     309      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     310      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     311      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     312      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     313      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     314      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     315      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     316      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     317      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     318      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     319      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     320      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     321      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     322      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     323      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     324      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     325      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     326      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     327      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     328      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     329      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     330      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     331      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     332      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     333      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     334      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     335      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     336      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     337      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     338      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     339      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     340      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     341      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     342      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     343      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     344      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     345      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     346      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     347      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     348      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     349      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     350      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     351      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     352      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     353      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     354      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     355      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     356      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     357      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     358      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     359      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     360      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     361      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     362      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     363      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     364      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     365      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     366      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     367      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     368      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     369      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     370      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     371      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG              14      372      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      373      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      374      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      375      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      376      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      377      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      378      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      379      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      380      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      381      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      382      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      383      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      384      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      385      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      386      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      387      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      388      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      389      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      390      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      391      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      392      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      393      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      394      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG              14      395      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ Ritiro
   BmTempGrad               15       76     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       77     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       78     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       79     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       80     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       81     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       82     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       83     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       84     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       85     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       86     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       87     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       88     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       89     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       90     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       91     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       92     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       93     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       94     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       95     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       96     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       97     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       98     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15       99     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      100     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      101     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      102     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      103     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      104     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      105     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      106     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      107     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      108     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      109     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      110     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      111     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      112     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      113     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      114     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      115     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      116     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      117     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      118     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      119     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      120     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      121     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      122     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      123     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      124     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      125     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      126     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      127     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      128     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      129     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      130     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      131     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      132     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      133     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad               15      134     0.00000000000000E+0      1.11000000000000E+1
```

BmTempGrad	15	135	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	136	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	137	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	138	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	139	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	140	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	141	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	142	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	143	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	144	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	145	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	146	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	147	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	148	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	149	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	150	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	151	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	152	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	153	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	154	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	156	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	157	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	158	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	159	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	160	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	161	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	162	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	163	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	164	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	165	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	166	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	167	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	170	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	173	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	174	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	176	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	177	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	178	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	182	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	183	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	186	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	189	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	190	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	193	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	194	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	195	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	196	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	197	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	198	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	199	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	200	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	201	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	202	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	203	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	204	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	205	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	206	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	208	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	209	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	210	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	211	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	212	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	213	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	214	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	215	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	216	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	217	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	218	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	219	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	220	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	221	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	222	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	223	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	224	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	225	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	226	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	227	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	228	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	229	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	230	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	231	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	232	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	233	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	234	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	235	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	236	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	237	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	238	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	239	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	240	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	241	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	242	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	243	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	244	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	245	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	246	0.00000000000000E+0	1.11000000000000E+1

```
   BmTempGrad              15     247     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     248     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     249     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     251     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     252     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     253     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     254     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     255     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     256     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     257     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     258     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     259     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     260     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     261     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     262     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     263     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     264     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     265     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     266     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     267     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     268     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     269     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     270     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     271     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     272     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     273     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     274     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     275     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     276     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     277     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     384     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     385     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     386     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     387     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     388     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     389     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     390     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     391     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     392     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     393     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     394     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     395     0.00000000000000E+0      1.11000000000000E+1

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Cool
   BmTempGrad              16      76     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      77     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      78     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      79     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      80     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      81     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      82     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      83     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      84     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      85     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      86     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      87     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      88     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      89     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      90     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      91     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      92     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      93     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      94     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      95     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      96     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      97     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      98     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      99     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     100     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     101     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     102     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     103     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     104     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     105     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     106     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     107     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     108     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     109     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     110     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     111     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     112     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     113     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     114     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     115     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     116     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     117     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     118     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     119     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     120     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     121     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     122     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     123     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     124     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     125     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     126     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     127     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     128     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     129     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     130     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     131     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     132     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     133     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     134     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     135     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     136     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     137     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     138     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     139     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     140     0.00000000000000E+0      4.80000000000000E+0
```

BmTempGrad	16	141	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	142	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	143	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	144	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	145	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	146	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	147	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	148	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	149	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	150	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	151	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	152	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	153	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	154	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	156	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	157	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	158	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	159	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	160	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	161	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	162	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	163	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	164	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	165	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	166	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	167	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	168	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	169	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	170	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	171	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	172	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	173	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	174	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	175	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	176	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	177	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	178	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	179	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	180	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	181	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	182	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	183	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	184	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	185	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	186	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	187	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	188	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	189	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	190	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	191	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	192	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	193	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	194	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	195	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	196	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	197	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	198	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	199	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	200	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	201	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	202	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	203	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	204	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	205	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	206	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	207	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	208	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	209	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	210	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	211	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	212	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	213	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	214	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	215	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	216	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	217	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	218	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	219	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	220	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	221	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	222	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	223	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	224	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	225	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	226	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	227	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	228	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	229	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	230	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	231	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	232	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	233	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	234	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	235	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	236	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	237	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	238	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	239	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	240	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	241	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	242	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	243	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	244	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	245	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	246	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	247	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	248	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	249	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	251	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	252	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	253	0.000000000000000E+0	4.800000000000000E+0

```
   BmTempGrad              16     254     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     255     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     256     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     257     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     258     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     259     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     260     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     261     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     262     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     263     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     264     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     265     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     266     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     267     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     268     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     269     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     270     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     271     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     272     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     273     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     274     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     275     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     276     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     277     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     384     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     385     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     386     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     387     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     388     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     389     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     390     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     391     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     392     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     393     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     394     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     395     0.00000000000000E+0      4.80000000000000E+0

/ _____________________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Heat
   BmTempGrad              17      76     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      77     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      78     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      79     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      80     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      81     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      82     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      83     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      84     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      85     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      86     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      87     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      88     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      89     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      90     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      91     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      92     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      93     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      94     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      95     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      96     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      97     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      98     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      99     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     100     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     101     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     102     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     103     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     104     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     105     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     106     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     107     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     108     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     109     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     110     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     111     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     112     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     113     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     114     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     115     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     116     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     117     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     118     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     119     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     120     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     121     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     122     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     123     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     124     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     125     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     126     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     127     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     128     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     129     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     130     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     131     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     132     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     133     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     134     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     135     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     136     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     137     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     138     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     139     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     140     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     141     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     142     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     143     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     144     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     145     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     146     0.00000000000000E+0     -4.80000000000000E+0
```

BmTempGrad	17	147	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	148	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	149	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	150	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	151	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	152	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	153	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	154	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	156	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	157	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	158	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	159	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	160	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	161	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	162	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	163	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	164	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	165	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	166	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	167	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	168	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	169	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	170	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	171	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	172	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	173	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	174	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	175	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	176	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	177	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	178	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	179	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	180	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	181	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	182	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	183	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	184	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	185	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	186	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	187	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	188	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	189	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	190	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	191	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	192	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	193	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	194	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	195	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	196	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	197	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	198	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	199	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	200	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	201	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	202	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	203	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	204	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	205	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	206	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	207	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	208	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	209	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	210	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	211	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	212	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	213	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	214	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	215	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	216	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	217	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	218	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	219	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	220	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	221	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	222	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	223	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	224	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	225	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	226	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	227	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	228	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	229	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	230	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	231	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	232	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	233	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	234	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	235	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	236	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	237	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	238	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	239	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	240	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	241	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	242	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	243	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	244	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	245	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	246	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	247	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	248	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	249	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	251	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	252	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	253	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	254	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	255	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	256	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	257	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	258	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	259	0.00000000000000E+0	-4.80000000000000E+0

```
   BmTempGrad              17     260     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     261     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     262     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     263     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     264     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     265     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     266     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     267     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     268     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     269     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     270     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     271     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     272     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     273     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     274     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     275     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     276     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     277     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     384     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     385     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     386     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     387     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     388     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     389     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     390     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     391     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     392     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     393     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     394     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     395     0.00000000000000E+0     -4.80000000000000E+0

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadL             18      76      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      77      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      78      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      79      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      80      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      81      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      82      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      83      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      84      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      85      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      86      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      87      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      88      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      89      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      90      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      91      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      92      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      93      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      94      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      95      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      96      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      97      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      98      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18      99      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     100      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     101      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     102      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     103      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     104      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     105      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     106      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     107      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     108      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     109      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     110      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     111      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     112      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL             18     113      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     114      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     115      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     116      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     117      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     118      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     119      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     120      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     121      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     122      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     123      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     124      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     125      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     126      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     127      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     128      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     129      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     130      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     131      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     132      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     133      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     134      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     135      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     136      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     137      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     138      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     139      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     140      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     141      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     142      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     143      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     144      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     145      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     146      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     147      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     148      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     149      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     150      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     151      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     152      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     153      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     154      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     156      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     157      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     158      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     159      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     160      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     161      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     162      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     163      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     164      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     165      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     166      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     167      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     168      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     169      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadL            18     170      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     171      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     172      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     173      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     174      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     175      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     176      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     177      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     178      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     179      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     180      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     181      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     182      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     183      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     184      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     185      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     186      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     187      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     188      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     189      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     190      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     191      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     192      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     193      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     194      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     195      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     196      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     197      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     198      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     199      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     200      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     201      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     202      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     203      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     204      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     205      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     206      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     207      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     208      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     209      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     210      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     211      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     212      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     213      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     214      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     215      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     216      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     217      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     218      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     219      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     220      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     221      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     222      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     223      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     224      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     225      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     226      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     227      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     228      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     229      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     230      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     231      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     232      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     233      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     234      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     235      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     236      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     237      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     238      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     239      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     240      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     241      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     242      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     243      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     244      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     245      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     246      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     247      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     248      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     249      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     251      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     252      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     253      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     254      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     255      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     256      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     257      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     258      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     259      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     260      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     261      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     262      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     263      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     264      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     265      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     266      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     267      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     268      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     269      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     270      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     271      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     272      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     273      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     274      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     275      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     276      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     277      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     384      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     385      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     386      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            18     387      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     388      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     389      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     390      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     391      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     392      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     393      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     394      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     395      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadG            18      76      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      77      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      78      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      79      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      80      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      81      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      82      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      83      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      84      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      85      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      86      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      87      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      88      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      89      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      90      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      91      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      92      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      93      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      94      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      95      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      96      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      97      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      98      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      99      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     100      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     101      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     102      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     103      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     104      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     105      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     106      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     107      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     108      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     109      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     110      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     111      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     112      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     113      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     114      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     115      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     116      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     117      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     118      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     119      Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     120      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     121      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     122      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     123      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     124      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     125      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     126      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     127      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     128      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     129      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     130      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     131      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     132      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     133      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     134      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     135      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     136      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     137      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     138      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     139      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     140      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     141      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     142      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     143      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     144      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     145      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     146      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     147      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     148      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     149      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     150      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     151      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     152      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     153      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     154      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     156      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     157      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     158      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     159      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     160      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     161      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     162      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     163      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     164      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     165      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     166      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     167      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     168      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     169      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     170      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     171      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     172      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     173      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     174      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     175      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     176      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     177      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     178      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     179      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     180      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     181      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     182      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     183      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     184      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     185      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     186      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     187      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     188      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     189      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     190      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     191      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     192      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     193      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     194      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     195      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     196      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     197      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     198      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     199      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     200      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     201      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     202      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     203      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     204      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     205      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     206      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     207      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     208      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     209      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     210      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     211      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     212      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     213      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     214      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     215      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     216      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     217      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     218      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     219      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     220      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     221      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     222      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     223      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     224      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     225      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     226      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     227      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     228      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     229      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     230      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     231      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     232      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     233      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     234      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     235      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     236      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     237      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     238      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     239      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     240      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     241      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     242      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     243      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     244      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     245      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     246      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     247      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     248      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     249      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     251      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     252      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     253      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     254      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     255      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     256      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     257      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     258      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     259      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     260      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     261      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     262      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     263      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     264      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     265      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     266      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     267      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     268      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     269      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     270      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     271      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     272      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     273      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     274      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     275      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     276      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     277      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     287      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     288      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     289      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     290      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     291      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     292      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     293      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     294      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     295      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     296      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     297      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     298      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     299      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     300      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     301      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     302      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     303      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     342      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     343      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     344      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     345      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     346      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     347      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     348      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     349      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     350      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     351      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     352      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     353      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     354      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     355      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     356      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     357      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     358      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     384      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     385      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     386      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     387      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     388      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     389      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     390      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     391      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     392      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     393      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     394      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     395      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
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/ Vento ponte carico +Y
   BmDistLoadL            19      76       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      77       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      78       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      79       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      80       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      81       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      82       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      83       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      84       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      85       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      86       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      87       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      88       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      89       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      90       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      91       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      92       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      93       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      94       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      95       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      96       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      97       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      98       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      99       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     100       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     101       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     102       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     103       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     104       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     105       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     106       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     107       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     108       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     109       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     110       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     111       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     112       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     113       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     114       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     115       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     116       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     117       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     118       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     119       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     120       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     121       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     122       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     123       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     124       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     125       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     126       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     127       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     128       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     129       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     130       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            19     131      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     132      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     133      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     134      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     135      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     136      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     137      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     138      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     139      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     140      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     141      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     142      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     143      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     144      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     145      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     146      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     147      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     148      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     149      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     150      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     151      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     152      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     153      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     154      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     156      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     157      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     158      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     159      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     160      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     161      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     162      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     163      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     164      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     165      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     166      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     167      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     168      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     169      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     170      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     171      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     172      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     173      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     174      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     175      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     176      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     177      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     178      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     179      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     180      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     181      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     182      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     183      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     184      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     185      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     186      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            19     187      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     188      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     189      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     190      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     191      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     192      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     193      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     194      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     195      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     196      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     197      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     198      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     199      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     200      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     201      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     202      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     203      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     204      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     205      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     206      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     207      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     208      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     209      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     210      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     211      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     212      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     213      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     214      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     215      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     216      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     217      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     218      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     219      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     220      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     221      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     222      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     223      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     224      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     225      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     226      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     227      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     228      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     229      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     230      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     231      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     232      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     233      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     234      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     235      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     236      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     237      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     238      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     239      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     240      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     241      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            19     242      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     243      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     244      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     245      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     246      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     247      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     248      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     249      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     251      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     252      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     253      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     254      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     255      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     256      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     257      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     258      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     259      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     260      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     261      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     262      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     263      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     264      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     265      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     266      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     267      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     268      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     269      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     270      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     271      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     272      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     273      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     274      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     275      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     276      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     277      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     384      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     385      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     386      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     387      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     388      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     389      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     390      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     391      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     392      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     393      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     394      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     395      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico +Y
   BmDistLoadG            19      76      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      77      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      78      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      79      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      80      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      81      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19      82      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      83      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      84      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      85      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      86      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      87      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      88      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      89      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      90      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      91      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      92      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      93      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      94      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      95      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      96      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      97      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      98      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      99      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     100      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     101      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     102      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     103      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     104      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     105      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     106      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     107      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     108      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     109      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     110      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     111      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     112      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     113      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     114      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     115      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     116      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     117      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     118      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     119      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     120      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     121      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     122      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     123      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     124      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     125      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     126      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     127      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     128      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     129      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     130      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     131      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     132      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     133      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     134      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     135      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     136      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG           19     137      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     138      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     139      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     140      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     141      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     142      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     143      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     144      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     145      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     146      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     147      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     148      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     149      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     150      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     151      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     152      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     153      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     154      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     156      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     157      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     158      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     159      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     160      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     161      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     162      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     163      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     164      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     165      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     166      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     167      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     168      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     169      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     170      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     171      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     172      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     173      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     174      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     175      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     176      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     177      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     178      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     179      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     180      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     181      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     182      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     183      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     184      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     185      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     186      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     187      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     188      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     189      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     190      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     191      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     192      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG          19     193      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     194      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     195      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     196      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     197      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     198      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     199      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     200      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     201      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     202      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     203      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     204      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     205      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     206      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     207      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     208      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     209      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     210      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     211      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     212      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     213      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     214      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     215      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     216      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     217      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     218      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     219      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     220      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     221      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     222      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     223      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     224      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     225      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     226      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     227      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     228      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     229      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     230      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     231      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     232      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     233      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     234      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     235      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     236      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     237      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     238      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     239      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     240      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     241      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     242      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     243      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     244      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     245      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     246      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG          19     247      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            19     248      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     249      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     251      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     252      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     253      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     254      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     255      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     256      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     257      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     258      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     259      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     260      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     261      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     262      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     263      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     264      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     265      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     266      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     267      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     268      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     269      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     270      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     271      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     272      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     273      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     274      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     275      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     276      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     277      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     287      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     288      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     289      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     290      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     291      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     292      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     293      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     294      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     295      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     296      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     297      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     298      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     299      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     300      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     301      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     302      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     303      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            19     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     342      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     343      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     344      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     345      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     346      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     347      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     348      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     349      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     350      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     351      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     352      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     353      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     354      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     355      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     356      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     357      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     358      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG             19      359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      384      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      385      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      386      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      387      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      388      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      389      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      390      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      391      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      392      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      393      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      394      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      395      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 1
   BmDistLoadG             20      76       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      77       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      78       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      79       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      80       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      81       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      82       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      83       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      84       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      85       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      86       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      87       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      88       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      89       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      90       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      91       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

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   BmDistLoadG            20      92      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      93      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      94      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      95      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      96      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      97      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      98      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      99      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     100      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     101      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     102      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     103      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     104      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     105      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     106      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     107      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     108      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     109      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     110      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     111      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     112      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     113      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     114      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     115      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     116      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     117      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     118      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     119      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     120      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     121      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     122      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     123      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     124      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     125      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     126      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     127      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     128      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     129      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     130      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     131      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     132      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     133      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     134      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     135      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     136      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     137      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     138      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     139      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     140      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     141      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     142      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     143      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     144      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     145      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     146      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            20     147      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     148      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     149      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     150      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     151      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     152      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     153      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     154      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     156      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     157      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     158      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     159      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     160      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     161      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     162      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     163      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     164      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     165      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     166      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     167      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     168      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     169      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     170      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     171      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     172      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     173      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     174      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     175      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     176      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     177      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     178      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     179      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     180      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     181      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     182      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     183      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     184      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     185      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     186      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     187      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     188      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     189      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     190      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     191      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     192      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     193      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     194      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     195      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     196      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     197      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     198      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     199      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     200      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     201      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     202      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     203      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     204      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     205      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     206      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     207      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     208      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     209      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     210      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     211      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     212      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     213      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     214      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     215      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     216      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     217      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     218      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     219      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     220      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     221      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     222      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     223      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     224      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     225      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     226      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     227      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     228      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     229      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     230      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     231      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     232      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     233      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     234      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     235      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     236      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     237      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     238      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     239      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     240      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     241      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     242      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     243      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     244      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     245      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     246      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     247      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     248      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     249      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     251      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     252      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     253      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     254      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     255      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     256      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     257      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     258      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     259      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     260      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     261      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     262      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     263      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     264      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     265      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     266      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     267      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     268      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     269      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     270      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     271      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     272      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     273      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     274      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     275      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     276      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     277      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            20     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             20      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      384      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      385      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      386      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      387      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      388      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      389      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      390      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      391      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      392      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      393      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      394      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      395      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1a - spalla 1
   BmDistLoadG             21       76      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             21      249      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             21      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1b - campata 1
   BmDistLoadG             22       79      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22       80      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             22      244      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             22      245      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c - sx pila 1
   BmDistLoadG             23       83      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             23      239      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             23      288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c' - dx pila 1
   BmDistLoadG             24       84      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             24      238      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             24      289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1d - campata 2
   BmDistLoadG             25       87      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25       88      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             25      232      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
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   BmDistLoadG             25     233      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     294      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     295      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.82

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e - sx pila 2
   BmDistLoadG             26      91      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             26     227      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             26     300      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e' - dx pila 2
   BmDistLoadG             27      92      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             27     226      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.64
   BmDistLoadG             27     301      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1f - campata 3
   BmDistLoadG             28      95      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28      96      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     220      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     221      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     306      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     307      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g - sx pila 3
   BmDistLoadG             29      99      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             29     215      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             29     312      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g' - dx pila 3
   BmDistLoadG             30     100      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             30     214      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             30     313      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1h - campata 4
   BmDistLoadG             31     105      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     207      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     320      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i - sx pila 4
   BmDistLoadG             32     110      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             32     327      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             32     390      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i' - dx pila 4
   BmDistLoadG             33     111      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             33     328      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             33     389      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1l - campata 5
   BmDistLoadG             34     116      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     204      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     335      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m - sx pila 5
   BmDistLoadG             35     121      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             35     197      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
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   BmDistLoadG             35     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m' - dx pila 5
   BmDistLoadG             36     122      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             36     196      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             36     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 1n - campata 6
   BmDistLoadG             37     127      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     189      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o - sx pila 6
   BmDistLoadG             38     132      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             38     182      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             38     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o' - dx pila 6
   BmDistLoadG             39     133      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             39     181      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             39     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1p - campata 7
   BmDistLoadG             43     138      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     174      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q - sx pila 7
   BmDistLoadG             44     143      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             44     167      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             44     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q' - dx pila 7
   BmDistLoadG             45     144      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     164      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1r - campata 8
   BmDistLoadG             46     149      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             46     150      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     160      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     161      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1s - pila 8
   BmDistLoadG             47     154      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             47     156      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             47     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 2
   BmDistLoadG             48      76      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      77      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      78      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      79      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            48      80      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      81      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      82      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      83      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      84      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      85      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      86      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      87      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      88      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      89      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      90      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      91      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      92      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      93      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      94      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      95      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      96      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      97      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      98      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      99      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     100      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     101      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     102      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     103      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     104      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     105      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     106      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     107      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     108      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     109      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     110      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     111      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     112      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     113      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     114      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     115      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     116      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     117      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     118      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     119      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     120      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     121      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     122      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     123      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     124      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     125      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     126      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     127      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     128      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     129      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     130      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     131      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     132      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     133      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     134      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     135      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     136      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     137      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     138      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     139      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     140      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     141      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     142      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     143      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     144      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     145      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     146      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     147      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     148      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     149      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     150      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     151      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     152      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     153      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     154      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     156      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     157      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     158      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     159      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     160      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     161      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     162      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     163      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     164      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     165      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     166      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     167      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     168      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     169      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     170      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     171      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     172      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     173      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     174      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     175      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     176      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     177      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     178      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     179      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     180      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     181      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     182      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     183      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     184      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     185      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     186      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     187      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     188      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     189      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     190      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     191      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     192      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     193      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     194      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     195      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     196      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     197      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     198      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     199      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     200      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     201      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     202      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     203      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     204      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     205      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     206      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     207      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     208      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     209      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     210      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     211      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     212      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     213      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     214      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     215      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     216      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     217      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     218      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     219      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     220      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     221      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     222      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     223      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     224      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     225      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     226      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     227      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     228      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     229      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     230      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     231      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     232      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     233      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     234      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     235      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     236      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     237      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     238      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     239      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     240      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     241      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     242      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     243      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     244      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     245      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     246      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     247      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     248      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     249      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     251      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     252      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     253      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     254      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     255      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     256      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     257      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     258      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     259      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     260      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     261      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     262      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     263      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     264      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     265      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     266      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     267      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     268      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     269      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     270      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     271      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     272      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     273      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     274      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     275      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     276      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     277      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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```
   BmDistLoadG            48     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             48      357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      384      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      385      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      386      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      387      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      388      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      389      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      390      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      391      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      392      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      393      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      394      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      395      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2a - spalla 1
   BmDistLoadG             49       76      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             49      249      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             49      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2b - campata 1
   BmDistLoadG             50       79      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50       80      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             50      244      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             50      245      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c - sx pila 1
   BmDistLoadG             51       83      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
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   BmDistLoadG             51     239      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             51     288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c' - dx pila 1
   BmDistLoadG             52      84      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             52     238      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             52     289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2d - campata 2
   BmDistLoadG             53      87      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53      88      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     232      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     233      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     294      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     295      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e - sx pila 2
   BmDistLoadG             54      91      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             54     227      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             54     300      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e' - dx pila 2
   BmDistLoadG             55      92      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             55     226      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             55     301      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2f - campata 3
   BmDistLoadG             56      95      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56      96      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     220      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     221      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     306      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     307      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g - sx pila 3
   BmDistLoadG             57      99      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             57     215      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             57     312      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g' - dx pila 3
   BmDistLoadG             58     100      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             58     214      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             58     313      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2h - campata 4
   BmDistLoadG             59     105      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     207      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     320      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i - sx pila 4
   BmDistLoadG             60     110      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             60     327      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             60     390      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i' - dx pila 4
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   BmDistLoadG             61     111      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             61     328      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             61     389      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2l - campata 5
   BmDistLoadG             62     116      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     204      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     335      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m - sx pila 5
   BmDistLoadG             63     121      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             63     197      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             63     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m' - dx pila 5
   BmDistLoadG             64     122      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             64     196      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             64     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 2n - campata 6
   BmDistLoadG             65     127      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     189      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o - sx pila 6
   BmDistLoadG             66     132      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             66     182      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             66     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o' - dx pila 6
   BmDistLoadG             67     133      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             67     181      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             67     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2p - campata 7
   BmDistLoadG             68     138      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     174      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q - sx pila 7
   BmDistLoadG             69     143      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             69     167      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             69     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q' - dx pila 7
   BmDistLoadG             70     144      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     164      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2r - campata 8
   BmDistLoadG             71     149      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             71     150      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     160      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     161      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             71     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
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   BmDistLoadG             71     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2s - pila 8
   BmDistLoadG             72     154      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             72     156      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             72     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________________
/ BEAM PROPERTIES

   BeamProp                55   "Traverso appoggio"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 8.24000000000000E-2
     MomentI11            8.62287900000000E-2
     MomentI22            2.28755000000000E-3
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                56   "Traverso campata"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 3.96000000000000E-2
     MomentI11            3.64132900000000E-2
     MomentI22            4.63120000000000E-4
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                89   "FS2 - Trave C1"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 2.15700000000000E-1
     MomentI11            1.97800000000000E-1
     MomentI22            4.79612160000000E-1
     MomentJ              1.93793500000000E-1
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                90   "FS2 - Trave C2"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 2.26600000000000E-1
     MomentI11            2.25900000000000E-1
     MomentI22            4.80218860000000E-1
     MomentJ              1.93793500000000E-1
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                91   "FS2 - Trave C3"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 2.23100000000000E-1
     MomentI11            1.96500000000000E-1
     MomentI22            4.79611710000000E-1
     MomentJ              1.93793500000000E-1
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                92   "FS2 - Trave C4"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 2.46400000000000E-1
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  MomentI11           2.66900000000000E-1
  MomentI22           4.81399330000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              93   "FS2 - Trave C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.08300000000000E-1
  MomentI11           2.03300000000000E-1
  MomentI22           4.79915110000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              94   "FS2 - Trave C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.12700000000000E-1
  MomentI11           2.20000000000000E-1
  MomentI22           4.80218860000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              95   "FS2 - Trave C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.06900000000000E-1
  MomentI11           2.02700000000000E-1
  MomentI22           4.79915110000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              96   "FS2 - Trave C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.30400000000000E-1
  MomentI11           2.56800000000000E-1
  MomentI22           4.81255880000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              97   "FS2 - Trave C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.03900000000000E-1
  MomentI11           1.85800000000000E-1
  MomentI22           4.79611360000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              98   "FS2 - Trave C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.12700000000000E-1
  MomentI11           2.20000000000000E-1
  MomentI22           4.80218860000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              99   "FS2 - Trave C11"
  MaterialName      "Steel - Modified"
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  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.08300000000000E-1
  MomentI11            2.03300000000000E-1
  MomentI22            4.79915110000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               100   "FS2 - Trave C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.56100000000000E-1
  MomentI11            2.89800000000000E-1
  MomentI22            4.81789310000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               101   "FS2 - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.32500000000000E-1
  MomentI11            2.27000000000000E-1
  MomentI22            4.80504690000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               102   "FS2 - Trave C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.43100000000000E-1
  MomentI11            2.61400000000000E-1
  MomentI22            4.80969270000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               103   "FS2 - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.37200000000000E-1
  MomentI11            2.28700000000000E-1
  MomentI22            4.80504690000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               104   "FS2 - Trave C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.81400000000000E-1
  MomentI11            3.21100000000000E-1
  MomentI22            4.82283450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               105   "FS2 - Trave C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.39900000000000E-1
  MomentI11            2.33400000000000E-1
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  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                106   "FS2 - Trave C18"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.39700000000000E-1
  MomentI11             2.60500000000000E-1
  MomentI22             4.80826350000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                107   "FS2 - Trave C19"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.41600000000000E-1
  MomentI11             2.34000000000000E-1
  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                108   "FS2 - Trave C20"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.80600000000000E-1
  MomentI11             3.20500000000000E-1
  MomentI22             4.82283450000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                109   "FS2 - Trave C21"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.28500000000000E-1
  MomentI11             2.28600000000000E-1
  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                110   "FS2 - Trave C22"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.26000000000000E-1
  MomentI11             2.53500000000000E-1
  MomentI22             3.54080300000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                111   "FS2 - Trave C23"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.28500000000000E-1
  MomentI11             2.28600000000000E-1
  MomentI22             3.53758980000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                112   "FS2 - Trave C24"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
```

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  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.77400000000000E-1
  MomentI11           3.18400000000000E-1
  MomentI22           3.55537400000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              113   "FS2 - Trave C25"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.28700000000000E-1
  MomentI11           2.28700000000000E-1
  MomentI22           3.53758980000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              114   "FS2 - Trave C26"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.26000000000000E-1
  MomentI11           2.53500000000000E-1
  MomentI22           3.54080300000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              115   "FS2 - Trave C27"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.27600000000000E-1
  MomentI11           2.28200000000000E-1
  MomentI22           3.53758980000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              116   "FS2 - Trave C28"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.61100000000000E-1
  MomentI11           3.08100000000000E-1
  MomentI22           3.55432720000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              117   "FS2 - Trave C29"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.02000000000000E-1
  MomentI11           1.85100000000000E-1
  MomentI22           3.02856540000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              118   "FS2 - Trave C30"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.07300000000000E-1
  MomentI11           1.90900000000000E-1
  MomentI22           3.02856890000000E-1
```

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  MomentJ              1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                119   "FS2 - Trave C31"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.07000000000000E-1
  MomentI11            1.94200000000000E-1
  MomentI22            3.02857340000000E-1
  MomentJ              1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                152   "Fess - Trave C4"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.37700000000000E-1
  MomentI11            1.52400000000000E-1
  MomentI22            9.98286800000000E-1
  MomentJ              2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                155   "Fess - Trave C8"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.28600000000000E-1
  MomentI11            1.43800000000000E-1
  MomentI22            9.98143360000000E-1
  MomentJ              2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                158   "Fess - Trave C12"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.49300000000000E-1
  MomentI11            1.69100000000000E-1
  MomentI22            9.98676780000000E-1
  MomentJ              2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                159   "Fess - Trave C13"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07700000000000E-1
  MomentI11            1.24200000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                160   "Fess - Trave C15"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.08100000000000E-1
  MomentI11            1.24800000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                161   "Fess - Trave C16"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
```

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  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66400000000000E-1
  MomentI11           1.93700000000000E-1
  MomentI22           9.99170920000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              162   "Fess - Trave C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13100000000000E-1
  MomentI11           1.27000000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              163   "Fess - Trave C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13300000000000E-1
  MomentI11           1.27300000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              164   "Fess - Trave C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66400000000000E-1
  MomentI11           1.93600000000000E-1
  MomentI22           9.99170920000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              165   "Fess - Trave C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              166   "Fess - Trave C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              167   "Fess - Trave C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66100000000000E-1
  MomentI11           1.93200000000000E-1
  MomentI22           7.35188640000000E-1
  MomentJ             2.15337640000000E-1
```

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  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              168   "Fess - Trave C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25600000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              169   "Fess - Trave C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12200000000000E-1
  MomentI11           1.25400000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              170   "Fess - Trave C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.55800000000000E-1
  MomentI11           1.83000000000000E-1
  MomentI22           7.35083960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              203   "FS2 - Centrale C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.88200000000000E-1
  MomentI11           1.83700000000000E-1
  MomentI22           2.05146500000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              204   "FS2 - Centrale C2"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.93100000000000E-1
  MomentI11           2.09100000000000E-1
  MomentI22           2.05753200000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              205   "FS2 - Centrale C3"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.89200000000000E-1
  MomentI11           1.81500000000000E-1
  MomentI22           2.05146060000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              206   "FS2 - Centrale C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.28000000000000E-1
  MomentI11            2.54700000000000E-1
  MomentI22            2.06933680000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               207   "FS2 - Centrale C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88700000000000E-1
  MomentI11            1.93100000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               208   "FS2 - Centrale C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.93100000000000E-1
  MomentI11            2.09100000000000E-1
  MomentI22            2.05753200000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               209   "FS2 - Centrale C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88400000000000E-1
  MomentI11            1.93000000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               210   "FS2 - Centrale C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.19600000000000E-1
  MomentI11            2.49300000000000E-1
  MomentI22            2.06790230000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               211   "FS2 - Centrale C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.84300000000000E-1
  MomentI11            1.76300000000000E-1
  MomentI22            2.05145710000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               212   "FS2 - Centrale C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.93100000000000E-1
  MomentI11            2.09100000000000E-1
  MomentI22            2.05753200000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
```

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  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               213   "FS2 - Centrale C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88700000000000E-1
  MomentI11            1.93100000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               214   "FS2 - Centrale C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.41900000000000E-1
  MomentI11            2.79800000000000E-1
  MomentI22            2.07323660000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               215   "FS2 - Centrale C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.00000000000000E-1
  MomentI11            2.11100000000000E-1
  MomentI22            2.06039030000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               216   "FS2 - Centrale C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.05400000000000E-1
  MomentI11            2.40000000000000E-1
  MomentI22            2.06503610000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               217   "FS2 - Centrale C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.00000000000000E-1
  MomentI11            2.11100000000000E-1
  MomentI22            2.06039030000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               218   "FS2 - Centrale C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.58400000000000E-1
  MomentI11            3.04700000000000E-1
  MomentI22            2.07817800000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               219   "FS2 - Centrale C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
```

```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              220   "FS2 - Centrale C18"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.02000000000000E-1
  MomentI11           2.38600000000000E-1
  MomentI22           2.06360700000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              221   "FS2 - Centrale C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              222   "FS2 - Centrale C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.58400000000000E-1
  MomentI11           3.04700000000000E-1
  MomentI22           2.07817800000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              223   "FS2 - Centrale C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              224   "FS2 - Centrale C22"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.02000000000000E-1
  MomentI11           2.38600000000000E-1
  MomentI22           2.06360700000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              225   "FS2 - Centrale C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
```

```
  Hardening          Isotropic

BeamProp               226   "FS2 - Centrale C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.58400000000000E-1
  MomentI11            3.04700000000000E-1
  MomentI22            2.05575240000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               227   "FS2 - Centrale C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.07817800000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               228   "FS2 - Centrale C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.02000000000000E-1
  MomentI11            2.38600000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               229   "FS2 - Centrale C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.06360700000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               230   "FS2 - Centrale C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.48900000000000E-1
  MomentI11            2.99100000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               231   "FS2 - Centrale C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.17900000000000E-1
  MomentI11            1.87600000000000E-1
  MomentI22            4.68924210000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               232   "FS2 - Centrale C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
```

```
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.22800000000000E-1
  MomentI11            1.93500000000000E-1
  MomentI22            4.68924570000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               233   "FS2 - Centrale C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.19500000000000E-1
  MomentI11            1.96400000000000E-1
  MomentI22            4.68925010000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               266   "Fess - centrale - C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.32600000000000E-1
  MomentI11            1.48500000000000E-1
  MomentI22            4.26639250000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               269   "Fess - centrale - C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.24300000000000E-1
  MomentI11            1.41000000000000E-1
  MomentI22            4.26495810000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               272   "Fess - centrale - C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.44500000000000E-1
  MomentI11            1.65700000000000E-1
  MomentI22            4.27029240000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               273   "Fess - centrale - C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.02600000000000E-1
  MomentI11            1.18800000000000E-1
  MomentI22            4.25744610000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               274   "Fess - centrale - C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.02600000000000E-1
  MomentI11            1.18800000000000E-1
  MomentI22            4.25744610000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic
```

```
BeamProp              275   "Fess - centrale - C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.61000000000000E-1
  MomentI11            1.89200000000000E-1
  MomentI22            4.27523380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              276   "Fess - centrale - C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              277   "Fess - centrale - C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              278   "Fess - centrale - C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.61000000000000E-1
  MomentI11            1.89200000000000E-1
  MomentI22            4.27523380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              279   "Fess - centrale - C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              280   "Fess - centrale - C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              281   "Fess - centrale - C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
```

```
    SpecificHeat         5.00000000000000E+2
    Area                 1.61000000000000E-1
    MomentI11            1.89200000000000E-1
    MomentI22            4.27523380000000E-1
    MomentJ              2.15337640000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               282   "Fess - centrale - C25"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 1.07400000000000E-1
    MomentI11            1.21200000000000E-1
    MomentI22            4.25744960000000E-1
    MomentJ              2.15337640000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               283   "Fess - centrale - C27"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 1.07400000000000E-1
    MomentI11            1.21200000000000E-1
    MomentI22            4.25744960000000E-1
    MomentJ              2.15337640000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               284   "Fess - centrale - C28"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 1.51500000000000E-1
    MomentI11            1.80000000000000E-1
    MomentI22            4.27418700000000E-1
    MomentJ              2.15337640000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               285   "Fess - centrale - C29"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 8.93600000000000E-2
    MomentI11            9.94700000000000E-2
    MomentI22            9.74240010000000E-1
    MomentJ              2.15337640000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic


/ ____________________________________________________________________________
/ SPECTRAL RESPONSE SOLVER DATA

  SpectralDirectionVector   "Spettro SLV - dir. X"
     1     1.00000000000000E+0      0.00000000000000E+0      0.00000000000000E+0

  SpectralDirectionVector   "Spettro SLV - dir. Y"
     1     0.00000000000000E+0      1.00000000000000E+0      0.00000000000000E+0

  SpectralDirectionVector   "Spettro SLV - dir. Z"
     2     0.00000000000000E+0      0.00000000000000E+0      1.00000000000000E+0
```

3 MODELLO FEM_EST1_FASE3.ST7

3.1 BILL OF QUANTITIES

Model: Modello FEM_EST1_FASE3_R02

Bill of materials

Selected groups:
Model
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso appoggio
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso campata
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Appoggi
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Trave centrale
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave esterna
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave interna

Included mass:
Structural Mass

	Mass kg	Volum... m^3	Length m	Ar... m^2	Cou...	Mate...	Ty...	Section
Grand total:	3111777,053	311,742	1777,242					
Beam properties:								
55: Traverso appoggio	112500,007	7,942	96,378		18		Bea...	
56: Traverso campata	390545,882	27,569	696,193		136		Bea...	
120: FS3 - Trave C1	60811,469	6,439	19,000		6		Bea...	
121: FS3 - Trave C2	75396,078	7,983	22,011		6		Bea...	
122: FS3 - Trave C3	64436,119	6,823	19,000		6		Bea...	
124: FS3 - Trave C5	43684,341	4,626	14,000		4		Bea...	
125: FS3 - Trave C6	69597,193	7,369	22,012		8		Bea...	
126: FS3 - Trave C7	43314,168	4,586	14,000		4		Bea...	
128: FS3 - Trave C9	43102,641	4,564	14,000		4		Bea...	
129: FS3 - Trave C10	56949,570	6,030	18,011		6		Bea...	
130: FS3 - Trave C11	47990,952	5,082	16,000		6		Bea...	
132: FS3 - Trave C13	55213,549	5,846	15,904		4		Bea...	
133: FS3 - Trave C14	101456,285	10,743	28,027		10		Bea...	
134: FS3 - Trave C15	74769,123	7,917	21,000		6		Bea...	
136: FS3 - Trave C17	56642,628	5,998	15,905		4		Bea...	
137: FS3 - Trave C18	100543,578	10,646	28,024		10		Bea...	
138: FS3 - Trave C19	57168,443	6,053	15,905		4		Bea...	
140: FS3 - Trave C21	53206,738	5,634	15,906		4		Bea...	
141: FS3 - Trave C22	93272,337	9,876	28,018		10		Bea...	
142: FS3 - Trave C23	53236,252	5,637	15,906		4		Bea...	
144: FS3 - Trave C25	53275,716	5,641	15,909		4		Bea...	
145: FS3 - Trave C26	93220,976	9,871	28,003		10		Bea...	
146: FS3 - Trave C27	52944,902	5,606	15,909		4		Bea...	
148: FS3 - Trave C29	54712,520	5,793	17,981		6		Bea...	
149: FS3 - Trave C30	68699,731	7,274	22,212		6		Bea...	
150: FS3 - Trave C31	61346,368	6,496	20,205		6		Bea...	
152: Fess - Trave C4	26008,812	2,754	20,000		8		Bea...	
155: Fess - Trave C8	24290,018	2,572	20,000		8		Bea...	
158: Fess - Trave C12	33838,912	3,583	23,999		8		Bea...	
159: Fess - Trave C13	5183,901	0,549	5,097		2		Bea...	
161: Fess - Trave C16	37715,612	3,994	24,000		8		Bea...	
162: Fess - Trave C17	5442,414	0,576	5,095		2		Bea...	
163: Fess - Trave C19	5452,045	0,577	5,095		2		Bea...	
164: Fess - Trave C20	37715,819	3,994	24,000		8		Bea...	
165: Fess - Trave C21	5402,753	0,572	5,094		2		Bea...	
166: Fess - Trave C23	5402,782	0,572	5,094		2		Bea...	
167: Fess - Trave C24	37647,587	3,986	24,000		8		Bea...	
168: Fess - Trave C25	5399,743	0,572	5,091		2		Bea...	
169: Fess - Trave C27	5394,935	0,571	5,091		2		Bea...	
170: Fess - Trave C28	32456,187	3,437	22,058		8		Bea...	
234: FS3 - Centrale C1	25812,127	2,733	9,500		3		Bea...	
235: FS3 - Centrale C2	31035,673	3,286	11,006		3		Bea...	
236: FS3 - Centrale C3	26431,198	2,799	9,500		3		Bea...	
238: FS3 - Centrale C5	19449,072	2,059	7,000		2		Bea...	
239: FS3 - Centrale C6	31036,115	3,286	11,006		4		Bea...	

240: FS3 - Centrale C7	19409,407	2,055	7,000	2	Bea...
242: FS3 - Centrale C9	19151,598	2,028	7,000	2	Bea...
243: FS3 - Centrale C10	25396,074	2,689	9,006	3	Bea...
244: FS3 - Centrale C11	22227,623	2,354	8,000	3	Bea...
246: FS3 - Centrale C13	22935,552	2,429	7,952	2	Bea...
247: FS3 - Centrale C14	41133,073	4,355	14,014	5	Bea...
248: FS3 - Centrale C15	30284,478	3,207	10,500	3	Bea...
250: FS3 - Centrale C17	23304,439	2,468	7,952	2	Bea...
251: FS3 - Centrale C18	40677,979	4,307	14,012	5	Bea...
252: FS3 - Centrale C19	23304,477	2,468	7,952	2	Bea...
254: FS3 - Centrale C21	23306,033	2,468	7,953	2	Bea...
255: FS3 - Centrale C22	40669,414	4,306	14,009	5	Bea...
256: FS3 - Centrale C23	23305,882	2,468	7,953	2	Bea...
258: FS3 - Centrale C25	23310,003	2,468	7,954	2	Bea...
259: FS3 - Centrale C26	40646,999	4,304	14,001	5	Bea...
260: FS3 - Centrale C27	23309,871	2,468	7,954	2	Bea...
263: FS3 - Centrale C30	37781,950	4,001	11,051	3	Bea...
264: FS3 - Centrale C31	33091,776	3,504	10,000	3	Bea...
266: Fess - centrale - ...	12522,758	1,326	10,000	4	Bea...
269: Fess - centrale - ...	11738,908	1,243	10,000	4	Bea...
272: Fess - centrale - ...	16375,945	1,734	12,000	4	Bea...
273: Fess - centrale - ...	2468,893	0,261	2,548	1	Bea...
275: Fess - centrale - ...	18245,859	1,932	12,000	4	Bea...
276: Fess - centrale - ...	2584,064	0,274	2,548	1	Bea...
277: Fess - centrale - ...	2584,059	0,274	2,548	1	Bea...
278: Fess - centrale - ...	18245,862	1,932	12,000	4	Bea...
279: Fess - centrale - ...	2583,499	0,274	2,547	1	Bea...
280: Fess - centrale - ...	2583,521	0,274	2,547	1	Bea...
281: Fess - centrale - ...	18245,820	1,932	12,000	4	Bea...
282: Fess - centrale - ...	2582,068	0,273	2,546	1	Bea...
283: Fess - centrale - ...	2582,068	0,273	2,546	1	Bea...
284: Fess - centrale - ...	15780,194	1,671	11,029	4	Bea...
287: FS3 - Centrale C29	30253,634	3,203	8,971	3	Bea...
Total	3111777,053	311,742	1777,242	472	

Centre of mass

	Mass kg	CM(X) m	CM(Y... m	CM(... m
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000			
Layer Appoggi	0,000			
Layer Trave centrale	806387,965	166,991	-7,665	0,000
Layer Traverso appoggio	112500,007	169,312	-5,320	0,000
Layer Traverso campata	390545,882	168,178	-7,929	0,000
Model	0,000			
Trave esterna	909324,248	162,612	#####	0,000
Trave interna	893018,951	162,378	-2,883	0,000
Total:	3111777,053	164,621	-7,810	0,000

Local inertia

	Ixx kg.m^2	Iyy kg.m^2	Izz kg.m^2	Ixy kg.m^2	Iyz ...	Izx ...
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	35415983,468	7547606390,822	7583022374,290	113979853,539	0,000	0,000
Layer Traverso appoggio	7749955,724	1428737445,902	1436487401,626	23375226,861	0,000	0,000
Layer Traverso campata	19925268,770	3498212639,567	3518137908,337	58776724,304	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	37014635,393	8350632225,859	8387646861,252	70359481,779	0,000	0,000
Trave interna	40972635,497	7903131677,636	7944104313,133	105741513,346	0,000	0,000
Total:	188310254,847	28748428994,550	28936739249,400	373333043,127	0,000	0,000

Global inertia

	IXX kg.m^2	IYY kg.m^2	IZZ kg.m^2	IXY kg.m^2	IYZ ...	IZX ...
AutoCAD import: "Viadotto EST1_schema per straus - f...	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	82797529,170	30034600811,600	30117398340,770	-918235508,606	0,000	0,000
Layer Traverso appoggio	10934172,096	4653736883,244	4664671055,340	-77961321,369	0,000	0,000
Layer Traverso campata	44476417,313	14544379555,030	14588855972,340	-461988179,246	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	191530078,397	32395731312,490	32587261390,890	-1857162019,383	0,000	0,000
Trave interna	48392726,303	31449069267,450	31497461993,750	-312245322,591	0,000	0,000
Total:	378130923,279	113077517829,800	113455648753,100	-3627592351,196	0,000	0,000

3.2 ELEMENT PROPERTIES SUMMARY

Model: Modello FEM_EST1_FASE3_R02

Beam: Structural

	Material	E MPa	G MPa	ν	ρ kg/m³	Mass/Lengt... kg/m	...	C	ξ	α /C	NonLinear	Hardening
55: Traverso appoggio	Steel - Modified	200000,000	80000,000	0,250	14166,000	1167,278		0,000	0,000	0,000	ElastoPlastic	Isotropic
56: Traverso campata	Steel - Modified	200000,000	80000,000	0,250	14166,000	560,974		0,000	0,000	0,000	ElastoPlastic	Isotropic
120: FS3 - Trave C1	Steel - Modified	200000,000	80000,000	0,250	9444,000	3200,572		0,000	0,000	0,000	ElastoPlastic	Isotropic
121: FS3 - Trave C2	Steel - Modified	200000,000	80000,000	0,250	9444,000	3425,339		0,000	0,000	0,000	ElastoPlastic	Isotropic
122: FS3 - Trave C3	Steel - Modified	200000,000	80000,000	0,250	9444,000	3391,340		0,000	0,000	0,000	ElastoPlastic	Isotropic
124: FS3 - Trave C5	Steel - Modified	200000,000	80000,000	0,250	9444,000	3120,298		0,000	0,000	0,000	ElastoPlastic	Isotropic
125: FS3 - Trave C6	Steel - Modified	200000,000	80000,000	0,250	9444,000	3161,851		0,000	0,000	0,000	ElastoPlastic	Isotropic
126: FS3 - Trave C7	Steel - Modified	200000,000	80000,000	0,250	9444,000	3093,854		0,000	0,000	0,000	ElastoPlastic	Isotropic
128: FS3 - Trave C9	Steel - Modified	200000,000	80000,000	0,250	9444,000	3078,744		0,000	0,000	0,000	ElastoPlastic	Isotropic
129: FS3 - Trave C10	Steel - Modified	200000,000	80000,000	0,250	9444,000	3161,851		0,000	0,000	0,000	ElastoPlastic	Isotropic
130: FS3 - Trave C11	Steel - Modified	200000,000	80000,000	0,250	9444,000	2999,414		0,000	0,000	0,000	ElastoPlastic	Isotropic
132: FS3 - Trave C13	Steel - Modified	200000,000	80000,000	0,250	9444,000	3471,614		0,000	0,000	0,000	ElastoPlastic	Isotropic
133: FS3 - Trave C14	Steel - Modified	200000,000	80000,000	0,250	9444,000	3619,885		0,000	0,000	0,000	ElastoPlastic	Isotropic
134: FS3 - Trave C15	Steel - Modified	200000,000	80000,000	0,250	9444,000	3560,388		0,000	0,000	0,000	ElastoPlastic	Isotropic
136: FS3 - Trave C17	Steel - Modified	200000,000	80000,000	0,250	9444,000	3561,332		0,000	0,000	0,000	ElastoPlastic	Isotropic
137: FS3 - Trave C18	Steel - Modified	200000,000	80000,000	0,250	9444,000	3587,776		0,000	0,000	0,000	ElastoPlastic	Isotropic
138: FS3 - Trave C19	Steel - Modified	200000,000	80000,000	0,250	9444,000	3594,386		0,000	0,000	0,000	ElastoPlastic	Isotropic
140: FS3 - Trave C21	Steel - Modified	200000,000	80000,000	0,250	9444,000	3345,065		0,000	0,000	0,000	ElastoPlastic	Isotropic
141: FS3 - Trave C22	Steel - Modified	200000,000	80000,000	0,250	9444,000	3329,010		0,000	0,000	0,000	ElastoPlastic	Isotropic
142: FS3 - Trave C23	Steel - Modified	200000,000	80000,000	0,250	9444,000	3346,954		0,000	0,000	0,000	ElastoPlastic	Isotropic
144: FS3 - Trave C25	Steel - Modified	200000,000	80000,000	0,250	9444,000	3348,842		0,000	0,000	0,000	ElastoPlastic	Isotropic
145: FS3 - Trave C26	Steel - Modified	200000,000	80000,000	0,250	9444,000	3329,010		0,000	0,000	0,000	ElastoPlastic	Isotropic
146: FS3 - Trave C27	Steel - Modified	200000,000	80000,000	0,250	9444,000	3328,066		0,000	0,000	0,000	ElastoPlastic	Isotropic
148: FS3 - Trave C29	Steel - Modified	200000,000	80000,000	0,250	9444,000	3042,857		0,000	0,000	0,000	ElastoPlastic	Isotropic
149: FS3 - Trave C30	Steel - Modified	200000,000	80000,000	0,250	9444,000	3092,910		0,000	0,000	0,000	ElastoPlastic	Isotropic
150: FS3 - Trave C31	Steel - Modified	200000,000	80000,000	0,250	9444,000	3036,246		0,000	0,000	0,000	ElastoPlastic	Isotropic
152: Fess - Trave C4	Steel - Modified	200000,000	80000,000	0,250	9444,000	1300,439		0,000	0,000	0,000	ElastoPlastic	Isotropic
155: Fess - Trave C8	Steel - Modified	200000,000	80000,000	0,250	9444,000	1214,498		0,000	0,000	0,000	ElastoPlastic	Isotropic
158: Fess - Trave C12	Steel - Modified	200000,000	80000,000	0,250	9444,000	1409,989		0,000	0,000	0,000	ElastoPlastic	Isotropic
159: Fess - Trave C13	Steel - Modified	200000,000	80000,000	0,250	9444,000	1017,119		0,000	0,000	0,000	ElastoPlastic	Isotropic
161: Fess - Trave C16	Steel - Modified	200000,000	80000,000	0,250	9444,000	1571,482		0,000	0,000	0,000	ElastoPlastic	Isotropic
162: Fess - Trave C17	Steel - Modified	200000,000	80000,000	0,250	9444,000	1068,116		0,000	0,000	0,000	ElastoPlastic	Isotropic
163: Fess - Trave C19	Steel - Modified	200000,000	80000,000	0,250	9444,000	1070,005		0,000	0,000	0,000	ElastoPlastic	Isotropic
164: Fess - Trave C20	Steel - Modified	200000,000	80000,000	0,250	9444,000	1571,482		0,000	0,000	0,000	ElastoPlastic	Isotropic
165: Fess - Trave C21	Steel - Modified	200000,000	80000,000	0,250	9444,000	1060,561		0,000	0,000	0,000	ElastoPlastic	Isotropic
166: Fess - Trave C23	Steel - Modified	200000,000	80000,000	0,250	9444,000	1060,561		0,000	0,000	0,000	ElastoPlastic	Isotropic
167: Fess - Trave C24	Steel - Modified	200000,000	80000,000	0,250	9444,000	1568,648		0,000	0,000	0,000	ElastoPlastic	Isotropic
168: Fess - Trave C25	Steel - Modified	200000,000	80000,000	0,250	9444,000	1060,561		0,000	0,000	0,000	ElastoPlastic	Isotropic

169: Fess - Trave C27	Steel - Modified	200000,000	80000,000	0,250	9444,000	1059,617	0,000	0,000	0,000	ElastoPlastic	Isotropic
170: Fess - Trave C28	Steel - Modified	200000,000	80000,000	0,250	9444,000	1471,375	0,000	0,000	0,000	ElastoPlastic	Isotropic
234: FS3 - Centrale C1	Steel - Modified	200000,000	80000,000	0,250	9444,000	2717,039	0,000	0,000	0,000	ElastoPlastic	Isotropic
235: FS3 - Centrale C2	Steel - Modified	200000,000	80000,000	0,250	9444,000	2819,978	0,000	0,000	0,000	ElastoPlastic	Isotropic
236: FS3 - Centrale C3	Steel - Modified	200000,000	80000,000	0,250	9444,000	2782,202	0,000	0,000	0,000	ElastoPlastic	Isotropic
238: FS3 - Centrale C5	Steel - Modified	200000,000	80000,000	0,250	9444,000	2778,425	0,000	0,000	0,000	ElastoPlastic	Isotropic
239: FS3 - Centrale C6	Steel - Modified	200000,000	80000,000	0,250	9444,000	2819,978	0,000	0,000	0,000	ElastoPlastic	Isotropic
240: FS3 - Centrale C7	Steel - Modified	200000,000	80000,000	0,250	9444,000	2772,758	0,000	0,000	0,000	ElastoPlastic	Isotropic
242: FS3 - Centrale C9	Steel - Modified	200000,000	80000,000	0,250	9444,000	2735,927	0,000	0,000	0,000	ElastoPlastic	Isotropic
243: FS3 - Centrale C10	Steel - Modified	200000,000	80000,000	0,250	9444,000	2819,978	0,000	0,000	0,000	ElastoPlastic	Isotropic
244: FS3 - Centrale C11	Steel - Modified	200000,000	80000,000	0,250	9444,000	2778,425	0,000	0,000	0,000	ElastoPlastic	Isotropic
246: FS3 - Centrale C13	Steel - Modified	200000,000	80000,000	0,250	9444,000	2884,198	0,000	0,000	0,000	ElastoPlastic	Isotropic
247: FS3 - Centrale C14	Steel - Modified	200000,000	80000,000	0,250	9444,000	2935,195	0,000	0,000	0,000	ElastoPlastic	Isotropic
248: FS3 - Centrale C15	Steel - Modified	200000,000	80000,000	0,250	9444,000	2884,198	0,000	0,000	0,000	ElastoPlastic	Isotropic
250: FS3 - Centrale C17	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
251: FS3 - Centrale C18	Steel - Modified	200000,000	80000,000	0,250	9444,000	2903,086	0,000	0,000	0,000	ElastoPlastic	Isotropic
252: FS3 - Centrale C19	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
254: FS3 - Centrale C21	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
255: FS3 - Centrale C22	Steel - Modified	200000,000	80000,000	0,250	9444,000	2903,086	0,000	0,000	0,000	ElastoPlastic	Isotropic
256: FS3 - Centrale C23	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
258: FS3 - Centrale C25	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
259: FS3 - Centrale C26	Steel - Modified	200000,000	80000,000	0,250	9444,000	2903,086	0,000	0,000	0,000	ElastoPlastic	Isotropic
260: FS3 - Centrale C27	Steel - Modified	200000,000	80000,000	0,250	9444,000	2930,473	0,000	0,000	0,000	ElastoPlastic	Isotropic
263: FS3 - Centrale C30	Steel - Modified	200000,000	80000,000	0,250	9444,000	3418,728	0,000	0,000	0,000	ElastoPlastic	Isotropic
264: FS3 - Centrale C31	Steel - Modified	200000,000	80000,000	0,250	9444,000	3309,178	0,000	0,000	0,000	ElastoPlastic	Isotropic
266: Fess - centrale - C4	Steel - Modified	200000,000	80000,000	0,250	9444,000	1252,274	0,000	0,000	0,000	ElastoPlastic	Isotropic
269: Fess - centrale - C8	Steel - Modified	200000,000	80000,000	0,250	9444,000	1173,889	0,000	0,000	0,000	ElastoPlastic	Isotropic
272: Fess - centrale - C12	Steel - Modified	200000,000	80000,000	0,250	9444,000	1364,658	0,000	0,000	0,000	ElastoPlastic	Isotropic
273: Fess - centrale - C13	Steel - Modified	200000,000	80000,000	0,250	9444,000	968,954	0,000	0,000	0,000	ElastoPlastic	Isotropic
275: Fess - centrale - C16	Steel - Modified	200000,000	80000,000	0,250	9444,000	1520,484	0,000	0,000	0,000	ElastoPlastic	Isotropic
276: Fess - centrale - C17	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
277: Fess - centrale - C19	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
278: Fess - centrale - C20	Steel - Modified	200000,000	80000,000	0,250	9444,000	1520,484	0,000	0,000	0,000	ElastoPlastic	Isotropic
279: Fess - centrale - C21	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
280: Fess - centrale - C23	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
281: Fess - centrale - C24	Steel - Modified	200000,000	80000,000	0,250	9444,000	1520,484	0,000	0,000	0,000	ElastoPlastic	Isotropic
282: Fess - centrale - C25	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
283: Fess - centrale - C27	Steel - Modified	200000,000	80000,000	0,250	9444,000	1014,286	0,000	0,000	0,000	ElastoPlastic	Isotropic
284: Fess - centrale - C28	Steel - Modified	200000,000	80000,000	0,250	9444,000	1430,766	0,000	0,000	0,000	ElastoPlastic	Isotropic
287: FS3 - Centrale C29	Steel - Modified	200000,000	80000,000	0,250	9444,000	3372,452	0,000	0,000	0,000	ElastoPlastic	Isotropic

Beam: Heat transfer

	Material	ρ kg/m^3	Cp J/kg/C	κ J/s/m...
55: Traverso appoggio	Steel - Modified	14166,000	500,000	51,000
56: Traverso campata	Steel - Modified	14166,000	500,000	51,000
120: FS3 - Trave C1	Steel - Modified	9444,000	500,000	51,000
121: FS3 - Trave C2	Steel - Modified	9444,000	500,000	51,000
122: FS3 - Trave C3	Steel - Modified	9444,000	500,000	51,000
124: FS3 - Trave C5	Steel - Modified	9444,000	500,000	51,000
125: FS3 - Trave C6	Steel - Modified	9444,000	500,000	51,000
126: FS3 - Trave C7	Steel - Modified	9444,000	500,000	51,000
128: FS3 - Trave C9	Steel - Modified	9444,000	500,000	51,000
129: FS3 - Trave C10	Steel - Modified	9444,000	500,000	51,000
130: FS3 - Trave C11	Steel - Modified	9444,000	500,000	51,000
132: FS3 - Trave C13	Steel - Modified	9444,000	500,000	51,000
133: FS3 - Trave C14	Steel - Modified	9444,000	500,000	51,000
134: FS3 - Trave C15	Steel - Modified	9444,000	500,000	51,000
136: FS3 - Trave C17	Steel - Modified	9444,000	500,000	51,000
137: FS3 - Trave C18	Steel - Modified	9444,000	500,000	51,000
138: FS3 - Trave C19	Steel - Modified	9444,000	500,000	51,000
140: FS3 - Trave C21	Steel - Modified	9444,000	500,000	51,000
141: FS3 - Trave C22	Steel - Modified	9444,000	500,000	51,000
142: FS3 - Trave C23	Steel - Modified	9444,000	500,000	51,000
144: FS3 - Trave C25	Steel - Modified	9444,000	500,000	51,000
145: FS3 - Trave C26	Steel - Modified	9444,000	500,000	51,000
146: FS3 - Trave C27	Steel - Modified	9444,000	500,000	51,000
148: FS3 - Trave C29	Steel - Modified	9444,000	500,000	51,000
149: FS3 - Trave C30	Steel - Modified	9444,000	500,000	51,000
150: FS3 - Trave C31	Steel - Modified	9444,000	500,000	51,000
152: Fess - Trave C4	Steel - Modified	9444,000	500,000	51,000
155: Fess - Trave C8	Steel - Modified	9444,000	500,000	51,000
158: Fess - Trave C12	Steel - Modified	9444,000	500,000	51,000
159: Fess - Trave C13	Steel - Modified	9444,000	500,000	51,000
161: Fess - Trave C16	Steel - Modified	9444,000	500,000	51,000
162: Fess - Trave C17	Steel - Modified	9444,000	500,000	51,000
163: Fess - Trave C19	Steel - Modified	9444,000	500,000	51,000
164: Fess - Trave C20	Steel - Modified	9444,000	500,000	51,000
165: Fess - Trave C21	Steel - Modified	9444,000	500,000	51,000
166: Fess - Trave C23	Steel - Modified	9444,000	500,000	51,000
167: Fess - Trave C24	Steel - Modified	9444,000	500,000	51,000
168: Fess - Trave C25	Steel - Modified	9444,000	500,000	51,000
169: Fess - Trave C27	Steel - Modified	9444,000	500,000	51,000
170: Fess - Trave C28	Steel - Modified	9444,000	500,000	51,000
234: FS3 - Centrale C1	Steel - Modified	9444,000	500,000	51,000
235: FS3 - Centrale C2	Steel - Modified	9444,000	500,000	51,000

236: FS3 - Centrale C3	Steel - Modified	9444,000	500,000	51,000
238: FS3 - Centrale C5	Steel - Modified	9444,000	500,000	51,000
239: FS3 - Centrale C6	Steel - Modified	9444,000	500,000	51,000
240: FS3 - Centrale C7	Steel - Modified	9444,000	500,000	51,000
242: FS3 - Centrale C9	Steel - Modified	9444,000	500,000	51,000
243: FS3 - Centrale C10	Steel - Modified	9444,000	500,000	51,000
244: FS3 - Centrale C11	Steel - Modified	9444,000	500,000	51,000
246: FS3 - Centrale C13	Steel - Modified	9444,000	500,000	51,000
247: FS3 - Centrale C14	Steel - Modified	9444,000	500,000	51,000
248: FS3 - Centrale C15	Steel - Modified	9444,000	500,000	51,000
250: FS3 - Centrale C17	Steel - Modified	9444,000	500,000	51,000
251: FS3 - Centrale C18	Steel - Modified	9444,000	500,000	51,000
252: FS3 - Centrale C19	Steel - Modified	9444,000	500,000	51,000
254: FS3 - Centrale C21	Steel - Modified	9444,000	500,000	51,000
255: FS3 - Centrale C22	Steel - Modified	9444,000	500,000	51,000
256: FS3 - Centrale C23	Steel - Modified	9444,000	500,000	51,000
258: FS3 - Centrale C25	Steel - Modified	9444,000	500,000	51,000
259: FS3 - Centrale C26	Steel - Modified	9444,000	500,000	51,000
260: FS3 - Centrale C27	Steel - Modified	9444,000	500,000	51,000
263: FS3 - Centrale C30	Steel - Modified	9444,000	500,000	51,000
264: FS3 - Centrale C31	Steel - Modified	9444,000	500,000	51,000
266: Fess - centrale - C4	Steel - Modified	9444,000	500,000	51,000
269: Fess - centrale - C8	Steel - Modified	9444,000	500,000	51,000
272: Fess - centrale - C12	Steel - Modified	9444,000	500,000	51,000
273: Fess - centrale - C13	Steel - Modified	9444,000	500,000	51,000
275: Fess - centrale - C16	Steel - Modified	9444,000	500,000	51,000
276: Fess - centrale - C17	Steel - Modified	9444,000	500,000	51,000
277: Fess - centrale - C19	Steel - Modified	9444,000	500,000	51,000
278: Fess - centrale - C20	Steel - Modified	9444,000	500,000	51,000
279: Fess - centrale - C21	Steel - Modified	9444,000	500,000	51,000
280: Fess - centrale - C23	Steel - Modified	9444,000	500,000	51,000
281: Fess - centrale - C24	Steel - Modified	9444,000	500,000	51,000
282: Fess - centrale - C25	Steel - Modified	9444,000	500,000	51,000
283: Fess - centrale - C27	Steel - Modified	9444,000	500,000	51,000
284: Fess - centrale - C28	Steel - Modified	9444,000	500,000	51,000
287: FS3 - Centrale C29	Steel - Modified	9444,000	500,000	51,000

Beam: Sections

	Section	Section Type	Area m^2	I11 m^4	I22 m^4	J m^4	SL1 m	SL2 m	SA1 m^2	SA2 m^2
55: Traverso appoggio	Undefined Section	Undefined Section	0,082	0,086	0,002	0,000	0,000	0,000	0,000	0,000
56: Traverso campata	Undefined Section	Undefined Section	0,040	0,036	0,000	0,000	0,000	0,000	0,000	0,000
120: FS3 - Trave C1	Undefined Section	Undefined Section	0,339	0,229	0,996	0,215	0,000	0,000	0,000	0,000
121: FS3 - Trave C2	Undefined Section	Undefined Section	0,363	0,260	0,997	0,215	0,000	0,000	0,000	0,000
122: FS3 - Trave C3	Undefined Section	Undefined Section	0,359	0,224	0,996	0,215	0,000	0,000	0,000	0,000

124: FS3 - Trave C5	Undefined Section	Undefined Section	0,330	0,234	0,997	0,215	0,000	0,000	0,000	0,000
125: FS3 - Trave C6	Undefined Section	Undefined Section	0,335	0,255	0,997	0,215	0,000	0,000	0,000	0,000
126: FS3 - Trave C7	Undefined Section	Undefined Section	0,328	0,234	0,997	0,215	0,000	0,000	0,000	0,000
128: FS3 - Trave C9	Undefined Section	Undefined Section	0,326	0,213	0,996	0,215	0,000	0,000	0,000	0,000
129: FS3 - Trave C10	Undefined Section	Undefined Section	0,335	0,255	0,997	0,215	0,000	0,000	0,000	0,000
130: FS3 - Trave C11	Undefined Section	Undefined Section	0,318	0,212	0,997	0,215	0,000	0,000	0,000	0,000
132: FS3 - Trave C13	Undefined Section	Undefined Section	0,368	0,260	0,997	0,215	0,000	0,000	0,000	0,000
133: FS3 - Trave C14	Undefined Section	Undefined Section	0,383	0,303	0,998	0,215	0,000	0,000	0,000	0,000
134: FS3 - Trave C15	Undefined Section	Undefined Section	0,377	0,262	0,997	0,215	0,000	0,000	0,000	0,000
136: FS3 - Trave C17	Undefined Section	Undefined Section	0,377	0,268	0,997	0,215	0,000	0,000	0,000	0,000
137: FS3 - Trave C18	Undefined Section	Undefined Section	0,380	0,303	0,998	0,215	0,000	0,000	0,000	0,000
138: FS3 - Trave C19	Undefined Section	Undefined Section	0,381	0,269	0,997	0,215	0,000	0,000	0,000	0,000
140: FS3 - Trave C21	Undefined Section	Undefined Section	0,354	0,264	0,997	0,215	0,000	0,000	0,000	0,000
141: FS3 - Trave C22	Undefined Section	Undefined Section	0,353	0,297	0,734	0,215	0,000	0,000	0,000	0,000
142: FS3 - Trave C23	Undefined Section	Undefined Section	0,354	0,264	0,733	0,215	0,000	0,000	0,000	0,000
144: FS3 - Trave C25	Undefined Section	Undefined Section	0,355	0,265	0,733	0,215	0,000	0,000	0,000	0,000
145: FS3 - Trave C26	Undefined Section	Undefined Section	0,353	0,297	0,734	0,215	0,000	0,000	0,000	0,000
146: FS3 - Trave C27	Undefined Section	Undefined Section	0,352	0,264	0,733	0,215	0,000	0,000	0,000	0,000
148: FS3 - Trave C29	Undefined Section	Undefined Section	0,322	0,212	0,628	0,215	0,000	0,000	0,000	0,000
149: FS3 - Trave C30	Undefined Section	Undefined Section	0,328	0,220	0,628	0,215	0,000	0,000	0,000	0,000
150: FS3 - Trave C31	Undefined Section	Undefined Section	0,322	0,226	0,628	0,215	0,000	0,000	0,000	0,000
152: Fess - Trave C4	Undefined Section	Undefined Section	0,138	0,152	0,998	0,215	0,000	0,000	0,000	0,000
155: Fess - Trave C8	Undefined Section	Undefined Section	0,129	0,144	0,998	0,215	0,000	0,000	0,000	0,000
158: Fess - Trave C12	Undefined Section	Undefined Section	0,149	0,169	0,999	0,215	0,000	0,000	0,000	0,000
159: Fess - Trave C13	Undefined Section	Undefined Section	0,108	0,124	0,997	0,215	0,000	0,000	0,000	0,000
161: Fess - Trave C16	Undefined Section	Undefined Section	0,166	0,194	0,999	0,215	0,000	0,000	0,000	0,000
162: Fess - Trave C17	Undefined Section	Undefined Section	0,113	0,127	0,997	0,215	0,000	0,000	0,000	0,000
163: Fess - Trave C19	Undefined Section	Undefined Section	0,113	0,127	0,997	0,215	0,000	0,000	0,000	0,000
164: Fess - Trave C20	Undefined Section	Undefined Section	0,166	0,194	0,999	0,215	0,000	0,000	0,000	0,000
165: Fess - Trave C21	Undefined Section	Undefined Section	0,112	0,126	0,997	0,215	0,000	0,000	0,000	0,000
166: Fess - Trave C23	Undefined Section	Undefined Section	0,112	0,126	0,733	0,215	0,000	0,000	0,000	0,000
167: Fess - Trave C24	Undefined Section	Undefined Section	0,166	0,193	0,735	0,215	0,000	0,000	0,000	0,000
168: Fess - Trave C25	Undefined Section	Undefined Section	0,112	0,126	0,733	0,215	0,000	0,000	0,000	0,000
169: Fess - Trave C27	Undefined Section	Undefined Section	0,112	0,125	0,733	0,215	0,000	0,000	0,000	0,000
170: Fess - Trave C28	Undefined Section	Undefined Section	0,156	0,183	0,735	0,215	0,000	0,000	0,000	0,000
234: FS3 - Centrale C1	Undefined Section	Undefined Section	0,288	0,215	0,425	0,215	0,000	0,000	0,000	0,000
235: FS3 - Centrale C2	Undefined Section	Undefined Section	0,299	0,245	0,425	0,215	0,000	0,000	0,000	0,000
236: FS3 - Centrale C3	Undefined Section	Undefined Section	0,295	0,210	0,425	0,215	0,000	0,000	0,000	0,000
238: FS3 - Centrale C5	Undefined Section	Undefined Section	0,294	0,224	0,425	0,215	0,000	0,000	0,000	0,000
239: FS3 - Centrale C6	Undefined Section	Undefined Section	0,299	0,245	0,425	0,215	0,000	0,000	0,000	0,000
240: FS3 - Centrale C7	Undefined Section	Undefined Section	0,294	0,224	0,425	0,215	0,000	0,000	0,000	0,000
242: FS3 - Centrale C9	Undefined Section	Undefined Section	0,290	0,203	0,425	0,215	0,000	0,000	0,000	0,000
243: FS3 - Centrale C10	Undefined Section	Undefined Section	0,299	0,245	0,425	0,215	0,000	0,000	0,000	0,000
244: FS3 - Centrale C11	Undefined Section	Undefined Section	0,294	0,224	0,425	0,215	0,000	0,000	0,000	0,000
246: FS3 - Centrale C13	Undefined Section	Undefined Section	0,305	0,245	0,426	0,215	0,000	0,000	0,000	0,000
247: FS3 - Centrale C14	Undefined Section	Undefined Section	0,311	0,284	0,426	0,215	0,000	0,000	0,000	0,000
248: FS3 - Centrale C15	Undefined Section	Undefined Section	0,305	0,245	0,426	0,215	0,000	0,000	0,000	0,000

250: FS3 - Centrale C17	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
251: FS3 - Centrale C18	Undefined Section	Undefined Section	0,307	0,283	0,426	0,215	0,000	0,000	0,000	0,000
252: FS3 - Centrale C19	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
254: FS3 - Centrale C21	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
255: FS3 - Centrale C22	Undefined Section	Undefined Section	0,307	0,283	0,426	0,215	0,000	0,000	0,000	0,000
256: FS3 - Centrale C23	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
258: FS3 - Centrale C25	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
259: FS3 - Centrale C26	Undefined Section	Undefined Section	0,307	0,283	0,426	0,215	0,000	0,000	0,000	0,000
260: FS3 - Centrale C27	Undefined Section	Undefined Section	0,310	0,252	0,426	0,215	0,000	0,000	0,000	0,000
263: FS3 - Centrale C30	Undefined Section	Undefined Section	0,362	0,220	0,974	0,215	0,000	0,000	0,000	0,000
264: FS3 - Centrale C31	Undefined Section	Undefined Section	0,350	0,225	0,974	0,215	0,000	0,000	0,000	0,000
266: Fess - centrale - C4	Undefined Section	Undefined Section	0,133	0,149	0,427	0,215	0,000	0,000	0,000	0,000
269: Fess - centrale - C8	Undefined Section	Undefined Section	0,124	0,141	0,426	0,215	0,000	0,000	0,000	0,000
272: Fess - centrale - C12	Undefined Section	Undefined Section	0,145	0,166	0,427	0,215	0,000	0,000	0,000	0,000
273: Fess - centrale - C13	Undefined Section	Undefined Section	0,103	0,119	0,426	0,215	0,000	0,000	0,000	0,000
275: Fess - centrale - C16	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
276: Fess - centrale - C17	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
277: Fess - centrale - C19	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
278: Fess - centrale - C20	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
279: Fess - centrale - C21	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
280: Fess - centrale - C23	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
281: Fess - centrale - C24	Undefined Section	Undefined Section	0,161	0,189	0,428	0,215	0,000	0,000	0,000	0,000
282: Fess - centrale - C25	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
283: Fess - centrale - C27	Undefined Section	Undefined Section	0,107	0,121	0,426	0,215	0,000	0,000	0,000	0,000
284: Fess - centrale - C28	Undefined Section	Undefined Section	0,151	0,180	0,427	0,215	0,000	0,000	0,000	0,000
287: FS3 - Centrale C29	Undefined Section	Undefined Section	0,357	0,212	0,974	0,215	0,000	0,000	0,000	0,000

Beam: Geometry

	Section	Section Type
55: Traverso appoggio	Undefined Section	Undefined Section
56: Traverso campata	Undefined Section	Undefined Section
120: FS3 - Trave C1	Undefined Section	Undefined Section
121: FS3 - Trave C2	Undefined Section	Undefined Section
122: FS3 - Trave C3	Undefined Section	Undefined Section
124: FS3 - Trave C5	Undefined Section	Undefined Section
125: FS3 - Trave C6	Undefined Section	Undefined Section
126: FS3 - Trave C7	Undefined Section	Undefined Section
128: FS3 - Trave C9	Undefined Section	Undefined Section
129: FS3 - Trave C10	Undefined Section	Undefined Section
130: FS3 - Trave C11	Undefined Section	Undefined Section
132: FS3 - Trave C13	Undefined Section	Undefined Section
133: FS3 - Trave C14	Undefined Section	Undefined Section
134: FS3 - Trave C15	Undefined Section	Undefined Section
136: FS3 - Trave C17	Undefined Section	Undefined Section

137: FS3 - Trave C18	Undefined Section	Undefined Section
138: FS3 - Trave C19	Undefined Section	Undefined Section
140: FS3 - Trave C21	Undefined Section	Undefined Section
141: FS3 - Trave C22	Undefined Section	Undefined Section
142: FS3 - Trave C23	Undefined Section	Undefined Section
144: FS3 - Trave C25	Undefined Section	Undefined Section
145: FS3 - Trave C26	Undefined Section	Undefined Section
146: FS3 - Trave C27	Undefined Section	Undefined Section
148: FS3 - Trave C29	Undefined Section	Undefined Section
149: FS3 - Trave C30	Undefined Section	Undefined Section
150: FS3 - Trave C31	Undefined Section	Undefined Section
152: Fess - Trave C4	Undefined Section	Undefined Section
155: Fess - Trave C8	Undefined Section	Undefined Section
158: Fess - Trave C12	Undefined Section	Undefined Section
159: Fess - Trave C13	Undefined Section	Undefined Section
161: Fess - Trave C16	Undefined Section	Undefined Section
162: Fess - Trave C17	Undefined Section	Undefined Section
163: Fess - Trave C19	Undefined Section	Undefined Section
164: Fess - Trave C20	Undefined Section	Undefined Section
165: Fess - Trave C21	Undefined Section	Undefined Section
166: Fess - Trave C23	Undefined Section	Undefined Section
167: Fess - Trave C24	Undefined Section	Undefined Section
168: Fess - Trave C25	Undefined Section	Undefined Section
169: Fess - Trave C27	Undefined Section	Undefined Section
170: Fess - Trave C28	Undefined Section	Undefined Section
234: FS3 - Centrale C1	Undefined Section	Undefined Section
235: FS3 - Centrale C2	Undefined Section	Undefined Section
236: FS3 - Centrale C3	Undefined Section	Undefined Section
238: FS3 - Centrale C5	Undefined Section	Undefined Section
239: FS3 - Centrale C6	Undefined Section	Undefined Section
240: FS3 - Centrale C7	Undefined Section	Undefined Section
242: FS3 - Centrale C9	Undefined Section	Undefined Section
243: FS3 - Centrale C10	Undefined Section	Undefined Section
244: FS3 - Centrale C11	Undefined Section	Undefined Section
246: FS3 - Centrale C13	Undefined Section	Undefined Section
247: FS3 - Centrale C14	Undefined Section	Undefined Section
248: FS3 - Centrale C15	Undefined Section	Undefined Section
250: FS3 - Centrale C17	Undefined Section	Undefined Section
251: FS3 - Centrale C18	Undefined Section	Undefined Section
252: FS3 - Centrale C19	Undefined Section	Undefined Section
254: FS3 - Centrale C21	Undefined Section	Undefined Section
255: FS3 - Centrale C22	Undefined Section	Undefined Section
256: FS3 - Centrale C23	Undefined Section	Undefined Section
258: FS3 - Centrale C25	Undefined Section	Undefined Section
259: FS3 - Centrale C26	Undefined Section	Undefined Section
260: FS3 - Centrale C27	Undefined Section	Undefined Section
263: FS3 - Centrale C30	Undefined Section	Undefined Section

264: FS3 - Centrale C31	Undefined Section	Undefined Section
266: Fess - centrale - C4	Undefined Section	Undefined Section
269: Fess - centrale - C8	Undefined Section	Undefined Section
272: Fess - centrale - C12	Undefined Section	Undefined Section
273: Fess - centrale - C13	Undefined Section	Undefined Section
275: Fess - centrale - C16	Undefined Section	Undefined Section
276: Fess - centrale - C17	Undefined Section	Undefined Section
277: Fess - centrale - C19	Undefined Section	Undefined Section
278: Fess - centrale - C20	Undefined Section	Undefined Section
279: Fess - centrale - C21	Undefined Section	Undefined Section
280: Fess - centrale - C23	Undefined Section	Undefined Section
281: Fess - centrale - C24	Undefined Section	Undefined Section
282: Fess - centrale - C25	Undefined Section	Undefined Section
283: Fess - centrale - C27	Undefined Section	Undefined Section
284: Fess - centrale - C28	Undefined Section	Undefined Section
287: FS3 - Centrale C29	Undefined Section	Undefined Section

3.3 INPUT MODEL FILE

3.3.1 GENERAL DATA AND LOAD CASES

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/ / / / /
_____
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/ STRAUS7 MODEL EXCHANGE FILE

/
_____
_____
/ MODEL INFORMATION

   FileFormat           Straus7.2.3.3
   ModelName            "Modello FEM_EST1_FASE3_R02"
   Title                ""
   Project              ""
   Author               ""
   Reference            ""
   Comments             ""

/
_____
_____
/ UNITS

   LengthUnit           m
   MassUnit             kg
   EnergyUnit           J
   PressureUnit         MPa
   ForceUnit            kN
   TemperatureUnit      C

/
_____
_____
/ GROUP DEFINITIONS

   Group                    1    16711680   "\\Model"
   Group                    2    16757299   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'"
   Group                    3         255   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
appoggio"
   Group                    4    16711724   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
campata"
   Group                    5    16768512   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Appoggi"
   Group                    6    13107455   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Trave centrale"
   Group                    7    13380024   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave esterna"
   Group                    8     5426217   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave interna"

/
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/ FREEDOM CASE DEFINITIONS

   FreedomCase              1       0       1   "Freedom Case 1"


/
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/ LOAD CASE DEFINITIONS

   LoadCase                12       1   "p.p."
     Gravity                3    -9.81000000000000E+0
     LCInclude              3

   LoadCase                13       0   "Soletta"
     LCInclude              3

   LoadCase                14       0   "Perm. non strutturale"
     LCInclude              3

   LoadCase                15       0   "Ritiro"
     LCInclude              3

   LoadCase                16       0   "DT_M_Cool"
     LCInclude              3

   LoadCase                17       0   "DT_M_Heat"
     LCInclude              3

   LoadCase                18       0   "Vento ponte carico -Y"
     LCInclude              3

   LoadCase                19       0   "Vento ponte carico +Y"
     LCInclude              3

   LoadCase                20       0   "Traffico distribuito 1"
     LCInclude              3

   LoadCase                21       0   "Traffico tandem 1a -
spalla 1"
     LCInclude              3

   LoadCase                22       0   "Traffico tandem 1b -
campata 1"
     LCInclude              3

   LoadCase                23       0   "Traffico tandem 1c - sx
pila 1"
     LCInclude              3

   LoadCase                24       0   "Traffico tandem 1c' - dx
pila 1"
     LCInclude              3

   LoadCase                25       0   "Traffico tandem 1d -
campata 2"
     LCInclude              3

   LoadCase                26       0   "Traffico tandem 1e - sx
pila 2"
     LCInclude              3

   LoadCase                27       0   "Traffico tandem 1e' - dx
pila 2"
     LCInclude              3

   LoadCase                28       0   "Traffico tandem 1f -
campata 3"
     LCInclude              3

   LoadCase                29       0   "Traffico tandem 1g - sx
pila 3"
     LCInclude              3

   LoadCase                30       0   "Traffico tandem 1g' - dx
pila 3"
     LCInclude              3

   LoadCase                31       0   "Traffico tandem 1h -
campata 4"
     LCInclude              3

   LoadCase                32       0   "Traffico tandem 1i - sx
pila 4"
     LCInclude              3

   LoadCase                33       0   "Traffico tandem 1i' - dx
pila 4"
     LCInclude              3

   LoadCase                34       0   "Traffico tandem 1l -
campata 5"
     LCInclude              3

   LoadCase                35       0   "Traffico tandem 1m - sx
pila 5"
     LCInclude              3

   LoadCase                36       0   "Traffico tandem 1m' - dx
pila 5"
     LCInclude              3

   LoadCase                37       0   "nTraffico tandem 1n -
campata 6"
     LCInclude              3

   LoadCase                38       0   "Traffico tandem 1o - sx
pila 6"
     LCInclude              3

   LoadCase                39       0   "Traffico tandem 1o' - dx
pila 6"
     LCInclude              3

   LoadCase                43       0   "Traffico tandem 1p -
campata 7"
     LCInclude              3

   LoadCase                44       0   "Traffico tandem 1q - sx
pila 7"
     LCInclude              3

   LoadCase                45       0   "Traffico tandem 1q' - dx
pila 7"
     LCInclude              3

   LoadCase                46       0   "Traffico tandem 1r -
campata 8"
     LCInclude              3

   LoadCase                47       0   "Traffico tandem 1s - pila
8"
     LCInclude              3

   LoadCase                48       0   "Traffico distribuito 2"
     LCInclude              3

   LoadCase                49       0   "Traffico tandem 2a -
spalla 1"
     LCInclude              3

   LoadCase                50       0   "Traffico tandem 2b -
campata 1"
     LCInclude              3

   LoadCase                51       0   "Traffico tandem 2c - sx
pila 1"
     LCInclude              3

   LoadCase                52       0   "Traffico tandem 2c' - dx
pila 1"
     LCInclude              3
```

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   LoadCase                53       0   "Traffico tandem 2d -
campata 2"
     LCInclude              3

   LoadCase                54       0   "Traffico tandem 2e - sx
pila 2"
     LCInclude              3

   LoadCase                55       0   "Traffico tandem 2e' - dx
pila 2"
     LCInclude              3

   LoadCase                56       0   "Traffico tandem 2f -
campata 3"
     LCInclude              3

   LoadCase                57       0   "Traffico tandem 2g - sx
pila 3"
     LCInclude              3

   LoadCase                58       0   "Traffico tandem 2g' - dx
pila 3"
     LCInclude              3

   LoadCase                59       0   "Traffico tandem 2h -
campata 4"
     LCInclude              3

   LoadCase                60       0   "Traffico tandem 2i - sx
pila 4"
     LCInclude              3

   LoadCase                61       0   "Traffico tandem 2i' - dx
pila 4"
     LCInclude              3

   LoadCase                62       0   "Traffico tandem 2l -
campata 5"
     LCInclude              3

   LoadCase                63       0   "Traffico tandem 2m - sx
pila 5"
     LCInclude              3

   LoadCase                64       0   "Traffico tandem 2m' - dx
pila 5"
     LCInclude              3

   LoadCase                65       0   "nTraffico tandem 2n -
campata 6"
     LCInclude              3

   LoadCase                66       0   "Traffico tandem 2o - sx
pila 6"
     LCInclude              3

   LoadCase                67       0   "Traffico tandem 2o' - dx
pila 6"
     LCInclude              3

   LoadCase                68       0   "Traffico tandem 2p -
campata 7"
     LCInclude              3

   LoadCase                69       0   "Traffico tandem 2q - sx
pila 7"
     LCInclude              3

   LoadCase                70       0   "Traffico tandem 2q' - dx
pila 7"
     LCInclude              3

   LoadCase                71       0   "Traffico tandem 2r -
campata 8"
     LCInclude              3

   LoadCase                72       0   "Traffico tandem 2s - pila
8"
     LCInclude              3


/
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/ LOAD CASE COMBINATIONS

   LoadCaseCombination      73   "1A_FR"
      12        1.00000000000000E+0
      13        1.00000000000000E+0

   LoadCaseCombination      74   "2A_FR"
      14        1.00000000000000E+0

   LoadCaseCombination      75   "2B_FR"
      15        1.00000000000000E+0

   LoadCaseCombination      76   "3A_FR1"
      16        5.00000000000000E-1

   LoadCaseCombination      77   "3A_FR2"
      17        5.00000000000000E-1

   LoadCaseCombination      78   "3B_FR1"
      20        4.00000000000000E-1
      21        7.50000000000000E-1

   LoadCaseCombination      79   "3B_FR2"
      20        4.00000000000000E-1
      22        7.50000000000000E-1

   LoadCaseCombination      80   "3B_FR3"
      20        4.00000000000000E-1
      23        7.50000000000000E-1

   LoadCaseCombination      81   "3B_FR4"
      20        4.00000000000000E-1
      24        7.50000000000000E-1

   LoadCaseCombination      82   "3B_FR5"
      20        4.00000000000000E-1
      25        7.50000000000000E-1

   LoadCaseCombination      83   "3B_FR6"
      20        4.00000000000000E-1
      26        7.50000000000000E-1

   LoadCaseCombination      84   "3B_FR7"
      20        4.00000000000000E-1
      27        7.50000000000000E-1

   LoadCaseCombination      85   "3B_FR8"
      20        4.00000000000000E-1
      28        7.50000000000000E-1

   LoadCaseCombination      86   "3B_FR9"
      20        4.00000000000000E-1
      29        7.50000000000000E-1

   LoadCaseCombination      87   "3B_FR10"
      20        4.00000000000000E-1
      30        7.50000000000000E-1

   LoadCaseCombination      88   "3B_FR11"
      20        4.00000000000000E-1
      31        7.50000000000000E-1

   LoadCaseCombination      89   "3B_FR12"
      20        4.00000000000000E-1
      32        7.50000000000000E-1

   LoadCaseCombination      90   "3B_FR13"
      20        4.00000000000000E-1
      33        7.50000000000000E-1

   LoadCaseCombination      91   "3B_FR14"
      20        4.00000000000000E-1
      34        7.50000000000000E-1

   LoadCaseCombination      92   "3B_FR15"
      20        4.00000000000000E-1
      35        7.50000000000000E-1

   LoadCaseCombination      93   "3B_FR16"
      20        4.00000000000000E-1
      36        7.50000000000000E-1

   LoadCaseCombination      94   "3B_FR17"
      20        4.00000000000000E-1
      37        7.50000000000000E-1

   LoadCaseCombination      95   "3B_FR18"
      20        4.00000000000000E-1
      38        7.50000000000000E-1

   LoadCaseCombination      96   "3B_FR19"
      20        4.00000000000000E-1
      39        7.50000000000000E-1

   LoadCaseCombination      97   "3B_FR20"
      20        4.00000000000000E-1
      43        7.50000000000000E-1

   LoadCaseCombination      98   "3B_FR21"
      20        4.00000000000000E-1
      44        7.50000000000000E-1

   LoadCaseCombination      99   "3B_FR22"
      20        4.00000000000000E-1
      45        7.50000000000000E-1

   LoadCaseCombination     100   "3B_FR23"
      20        4.00000000000000E-1
      46        7.50000000000000E-1

   LoadCaseCombination     101   "3B_FR24"
      20        4.00000000000000E-1
      47        7.50000000000000E-1

   LoadCaseCombination     102   "3B_FR25"
      48        4.00000000000000E-1
      49        7.50000000000000E-1

   LoadCaseCombination     103   "3B_FR26"
      48        4.00000000000000E-1
      50        7.50000000000000E-1

   LoadCaseCombination     104   "3B_FR27"
      48        4.00000000000000E-1
      51        7.50000000000000E-1

   LoadCaseCombination     105   "3B_FR28"
      48        4.00000000000000E-1
      52        7.50000000000000E-1

   LoadCaseCombination     106   "3B_FR29"
      48        4.00000000000000E-1
      53        7.50000000000000E-1

   LoadCaseCombination     107   "3B_FR30"
      48        4.00000000000000E-1
      54        7.50000000000000E-1
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LoadCaseCombination     108   "3B_FR31"
   48        4.00000000000000E-1
   55        7.50000000000000E-1

LoadCaseCombination     109   "3B_FR32"
   48        4.00000000000000E-1
   56        7.50000000000000E-1

LoadCaseCombination     110   "3B_FR33"
   48        4.00000000000000E-1
   57        7.50000000000000E-1

LoadCaseCombination     111   "3B_FR34"
   48        4.00000000000000E-1
   58        7.50000000000000E-1

LoadCaseCombination     112   "3B_FR35"
   48        4.00000000000000E-1
   59        7.50000000000000E-1

LoadCaseCombination     113   "3B_FR36"
   48        4.00000000000000E-1
   60        7.50000000000000E-1

LoadCaseCombination     114   "3B_FR37"
   48        4.00000000000000E-1
   61        7.50000000000000E-1

LoadCaseCombination     115   "3B_FR38"
   48        4.00000000000000E-1
   62        7.50000000000000E-1

LoadCaseCombination     116   "3B_FR39"
   48        4.00000000000000E-1
   63        7.50000000000000E-1

LoadCaseCombination     117   "3B_FR40"
   48        4.00000000000000E-1
   64        7.50000000000000E-1

LoadCaseCombination     118   "3B_FR41"
   48        4.00000000000000E-1
   65        7.50000000000000E-1

LoadCaseCombination     119   "3B_FR42"
   48        4.00000000000000E-1
   66        7.50000000000000E-1

LoadCaseCombination     120   "3B_FR43"
   48        4.00000000000000E-1
   67        7.50000000000000E-1

LoadCaseCombination     121   "3B_FR44"
   48        4.00000000000000E-1
   68        7.50000000000000E-1

LoadCaseCombination     122   "3B_FR45"
   48        4.00000000000000E-1
   69        7.50000000000000E-1

LoadCaseCombination     123   "3B_FR46"
   48        4.00000000000000E-1
   70        7.50000000000000E-1

LoadCaseCombination     124   "3B_FR47"
   48        4.00000000000000E-1
   71        7.50000000000000E-1

LoadCaseCombination     125   "3B_FR48"
   48        4.00000000000000E-1
   72        7.50000000000000E-1

LoadCaseCombination     126   "1A_RA"
   12        1.00000000000000E+0
   13        1.00000000000000E+0

LoadCaseCombination     127   "2A_RA"
   14        1.00000000000000E+0

LoadCaseCombination     128   "2B_RA"
   15        1.00000000000000E+0

LoadCaseCombination     129   "3A_RA1"
   16        6.00000000000000E-1

LoadCaseCombination     130   "3A_RA2"
   17        6.00000000000000E-1

LoadCaseCombination     131   "3B_RA1"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     132   "3B_RA2"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     133   "3B_RA3"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     134   "3B_RA4"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     135   "3B_RA5"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     136   "3B_RA6"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     137   "3B_RA7"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     138   "3B_RA8"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     139   "3B_RA9"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     140   "3B_RA10"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     141   "3B_RA11"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     142   "3B_RA12"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     143   "3B_RA13"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     144   "3B_RA14"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     145   "3B_RA15"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     146   "3B_RA16"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     147   "3B_RA17"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     148   "3B_RA18"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     149   "3B_RA19"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   39        1.00000000000000E+0

LoadCaseCombination     150   "3B_RA20"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   43        1.00000000000000E+0

LoadCaseCombination     151   "3B_RA21"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   44        1.00000000000000E+0

LoadCaseCombination     152   "3B_RA22"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   45        1.00000000000000E+0

LoadCaseCombination     153   "3B_RA23"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   46        1.00000000000000E+0

LoadCaseCombination     154   "3B_RA24"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   47        1.00000000000000E+0

LoadCaseCombination     155   "3B_RA25"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   49        1.00000000000000E+0

LoadCaseCombination     156   "3B_RA26"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   50        1.00000000000000E+0

LoadCaseCombination     157   "3B_RA27"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   51        1.00000000000000E+0
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LoadCaseCombination     158   "3B_RA28"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   52        1.00000000000000E+0

LoadCaseCombination     159   "3B_RA29"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   53        1.00000000000000E+0

LoadCaseCombination     160   "3B_RA30"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   54        1.00000000000000E+0

LoadCaseCombination     161   "3B_RA31"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   55        1.00000000000000E+0

LoadCaseCombination     162   "3B_RA32"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   56        1.00000000000000E+0

LoadCaseCombination     163   "3B_RA33"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   57        1.00000000000000E+0

LoadCaseCombination     164   "3B_RA34"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   58        1.00000000000000E+0

LoadCaseCombination     165   "3B_RA35"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   59        1.00000000000000E+0

LoadCaseCombination     166   "3B_RA36"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   60        1.00000000000000E+0

LoadCaseCombination     167   "3B_RA37"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   61        1.00000000000000E+0

LoadCaseCombination     168   "3B_RA38"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   62        1.00000000000000E+0

LoadCaseCombination     169   "3B_RA39"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   63        1.00000000000000E+0

LoadCaseCombination     170   "3B_RA40"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   64        1.00000000000000E+0

LoadCaseCombination     171   "3B_RA41"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   65        1.00000000000000E+0

LoadCaseCombination     172   "3B_RA42"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   66        1.00000000000000E+0

LoadCaseCombination     173   "3B_RA43"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   67        1.00000000000000E+0

LoadCaseCombination     174   "3B_RA44"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   68        1.00000000000000E+0

LoadCaseCombination     175   "3B_RA45"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   69        1.00000000000000E+0

LoadCaseCombination     176   "3B_RA46"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   70        1.00000000000000E+0

LoadCaseCombination     177   "3B_RA47"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   71        1.00000000000000E+0

LoadCaseCombination     178   "3B_RA48"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   72        1.00000000000000E+0

LoadCaseCombination     179   "3B_RA49"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     180   "3B_RA50"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     181   "3B_RA51"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     182   "3B_RA52"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     183   "3B_RA53"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     184   "3B_RA54"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     185   "3B_RA55"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     186   "3B_RA56"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     187   "3B_RA57"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     188   "3B_RA58"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     189   "3B_RA59"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     190   "3B_RA60"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     191   "3B_RA61"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     192   "3B_RA62"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     193   "3B_RA63"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     194   "3B_RA64"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     195   "3B_RA65"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     196   "3B_RA66"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     197   "3B_RA67"
   39        1.00000000000000E+0

LoadCaseCombination     198   "3B_RA68"
   43        1.00000000000000E+0

LoadCaseCombination     199   "3B_RA69"
   44        1.00000000000000E+0

LoadCaseCombination     200   "3B_RA70"
   45        1.00000000000000E+0

LoadCaseCombination     201   "3B_RA71"
   46        1.00000000000000E+0

LoadCaseCombination     202   "3B_RA72"
   47        1.00000000000000E+0

LoadCaseCombination     203   "1A_SLU"
   12        1.35000000000000E+0
   13        1.35000000000000E+0

LoadCaseCombination     204   "2A_SLU"
   14        1.50000000000000E+0

LoadCaseCombination     205   "2B_SLU"
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   15        1.20000000000000E+0

LoadCaseCombination     206   "3A_SLU1"
   16        9.00000000000000E-1

LoadCaseCombination     207   "3A_SLU2"
   17        9.00000000000000E-1

LoadCaseCombination     208   "3B_SLU1"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   21        1.35000000000000E+0

LoadCaseCombination     209   "3B_SLU2"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   22        1.35000000000000E+0

LoadCaseCombination     210   "3B_SLU3"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   23        1.35000000000000E+0

LoadCaseCombination     211   "3B_SLU4"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   24        1.35000000000000E+0

LoadCaseCombination     212   "3B_SLU5"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   25        1.35000000000000E+0

LoadCaseCombination     213   "3B_SLU6"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   26        1.35000000000000E+0

LoadCaseCombination     214   "3B_SLU7"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   27        1.35000000000000E+0

LoadCaseCombination     215   "3B_SLU8"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   28        1.35000000000000E+0

LoadCaseCombination     216   "3B_SLU9"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   29        1.35000000000000E+0

LoadCaseCombination     217   "3B_SLU10"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   30        1.35000000000000E+0

LoadCaseCombination     218   "3B_SLU11"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   31        1.35000000000000E+0

LoadCaseCombination     219   "3B_SLU12"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   32        1.35000000000000E+0

LoadCaseCombination     220   "3B_SLU13"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   33        1.35000000000000E+0

LoadCaseCombination     221   "3B_SLU14"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   34        1.35000000000000E+0

LoadCaseCombination     222   "3B_SLU15"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   35        1.35000000000000E+0

LoadCaseCombination     223   "3B_SLU16"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   36        1.35000000000000E+0

LoadCaseCombination     224   "3B_SLU17"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   37        1.35000000000000E+0

LoadCaseCombination     225   "3B_SLU18"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   38        1.35000000000000E+0

LoadCaseCombination     226   "3B_SLU19"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   39        1.35000000000000E+0

LoadCaseCombination     227   "3B_SLU20"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   43        1.35000000000000E+0

LoadCaseCombination     228   "3B_SLU21"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   44        1.35000000000000E+0

LoadCaseCombination     229   "3B_SLU22"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   45        1.35000000000000E+0

LoadCaseCombination     230   "3B_SLU23"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   46        1.35000000000000E+0

LoadCaseCombination     231   "3B_SLU24"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   47        1.35000000000000E+0

LoadCaseCombination     232   "3B_SLU25"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   49        1.35000000000000E+0

LoadCaseCombination     233   "3B_SLU26"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   50        1.35000000000000E+0

LoadCaseCombination     234   "3B_SLU27"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   51        1.35000000000000E+0

LoadCaseCombination     235   "3B_SLU28"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   52        1.35000000000000E+0

LoadCaseCombination     236   "3B_SLU29"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   53        1.35000000000000E+0

LoadCaseCombination     237   "3B_SLU30"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   54        1.35000000000000E+0

LoadCaseCombination     238   "3B_SLU31"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   55        1.35000000000000E+0

LoadCaseCombination     239   "3B_SLU32"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   56        1.35000000000000E+0

LoadCaseCombination     240   "3B_SLU33"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   57        1.35000000000000E+0

LoadCaseCombination     241   "3B_SLU34"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   58        1.35000000000000E+0

LoadCaseCombination     242   "3B_SLU35"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   59        1.35000000000000E+0

LoadCaseCombination     243   "3B_SLU36"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   60        1.35000000000000E+0

LoadCaseCombination     244   "3B_SLU37"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   61        1.35000000000000E+0

LoadCaseCombination     245   "3B_SLU38"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   62        1.35000000000000E+0

LoadCaseCombination     246   "3B_SLU39"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   63        1.35000000000000E+0

LoadCaseCombination     247   "3B_SLU40"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   64        1.35000000000000E+0

LoadCaseCombination     248   "3B_SLU41"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   65        1.35000000000000E+0

LoadCaseCombination     249   "3B_SLU42"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   66        1.35000000000000E+0

LoadCaseCombination     250   "3B_SLU43"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   67        1.35000000000000E+0
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   LoadCaseCombination     251   "3B_SLU44"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      68        1.35000000000000E+0

   LoadCaseCombination     252   "3B_SLU45"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      69        1.35000000000000E+0

   LoadCaseCombination     253   "3B_SLU46"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      70        1.35000000000000E+0

   LoadCaseCombination     254   "3B_SLU47"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      71        1.35000000000000E+0

   LoadCaseCombination     255   "3B_SLU48"
      19        9.00000000000000E-1
      48        1.35000000000000E+0
      72        1.35000000000000E+0

   LoadCaseCombination     256   "3B_SLU49"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      21        1.35000000000000E+0

   LoadCaseCombination     257   "3B_SLU50"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      22        1.35000000000000E+0

   LoadCaseCombination     258   "3B_SLU51"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      23        1.35000000000000E+0

   LoadCaseCombination     259   "3B_SLU52"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      24        1.35000000000000E+0

   LoadCaseCombination     260   "3B_SLU53"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      25        1.35000000000000E+0

   LoadCaseCombination     261   "3B_SLU54"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      26        1.35000000000000E+0

   LoadCaseCombination     262   "3B_SLU55"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      27        1.35000000000000E+0

   LoadCaseCombination     263   "3B_SLU56"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      28        1.35000000000000E+0

   LoadCaseCombination     264   "3B_SLU57"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      29        1.35000000000000E+0

   LoadCaseCombination     265   "3B_SLU58"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      30        1.35000000000000E+0

   LoadCaseCombination     266   "3B_SLU59"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      31        1.35000000000000E+0

   LoadCaseCombination     267   "3B_SLU60"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      32        1.35000000000000E+0

   LoadCaseCombination     268   "3B_SLU61"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      33        1.35000000000000E+0

   LoadCaseCombination     269   "3B_SLU62"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      34        1.35000000000000E+0

   LoadCaseCombination     270   "3B_SLU63"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      35        1.35000000000000E+0

   LoadCaseCombination     271   "3B_SLU64"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      36        1.35000000000000E+0

   LoadCaseCombination     272   "3B_SLU65"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      37        1.35000000000000E+0

   LoadCaseCombination     273   "3B_SLU66"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      38        1.35000000000000E+0

   LoadCaseCombination     274   "3B_SLU67"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      39        1.35000000000000E+0

   LoadCaseCombination     275   "3B_SLU68"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      43        1.35000000000000E+0

   LoadCaseCombination     276   "3B_SLU69"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      44        1.35000000000000E+0

   LoadCaseCombination     277   "3B_SLU70"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      45        1.35000000000000E+0

   LoadCaseCombination     278   "3B_SLU71"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      46        1.35000000000000E+0

   LoadCaseCombination     279   "3B_SLU72"
      18        9.00000000000000E-1
      20        1.35000000000000E+0
      47        1.35000000000000E+0


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/ RESULT CASE ENVELOPES

   LoadCaseEnvelope     "1A_ENV_FR_max"  Max
   ON                      73

   LoadCaseEnvelope     "1A_ENV_FR_min"  Min
   ON                      73

   LoadCaseEnvelope     "2A_ENV_FR_max"  Max
   ON                      74

   LoadCaseEnvelope     "2A_ENV_FR_min"  Min
   ON                      74

   LoadCaseEnvelope     "2B_ENV_FR_max"  Max
   ON                      75

   LoadCaseEnvelope     "2B_ENV_FR_min"  Min
   ON                      75

   LoadCaseEnvelope     "3A_ENV_FR_max"  Max
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3A_ENV_FR_min"  Min
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3B_ENV_FR_max"  Max
   ON                      78
   ON                      79
   ON                      80
   ON                      81
   ON                      82
   ON                      83
   ON                      84
   ON                      85
   ON                      86
   ON                      87
   ON                      88
   ON                      89
   ON                      90
   ON                      91
   ON                      92
   ON                      93
   ON                      94
   ON                      95
   ON                      96
   ON                      97
   ON                      98
   ON                      99
   ON                     100
   ON                     101
   ON                     102
   ON                     103
   ON                     104
   ON                     105
   ON                     106
   ON                     107
   ON                     108
   ON                     109
   ON                     110
   ON                     111
   ON                     112
   ON                     113
   ON                     114
   ON                     115
   ON                     116
   ON                     117
   ON                     118
   ON                     119
   ON                     120
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ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "3B_ENV_FR_min"  Min
ON                     78
ON                     79
ON                     80
ON                     81
ON                     82
ON                     83
ON                     84
ON                     85
ON                     86
ON                     87
ON                     88
ON                     89
ON                     90
ON                     91
ON                     92
ON                     93
ON                     94
ON                     95
ON                     96
ON                     97
ON                     98
ON                     99
ON                    100
ON                    101
ON                    102
ON                    103
ON                    104
ON                    105
ON                    106
ON                    107
ON                    108
ON                    109
ON                    110
ON                    111
ON                    112
ON                    113
ON                    114
ON                    115
ON                    116
ON                    117
ON                    118
ON                    119
ON                    120
ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "1A_ENV_RA_max"  Max
ON                    126

LoadCaseEnvelope     "1A_ENV_RA_min"  Min
ON                    126

LoadCaseEnvelope     "2A_ENV_RA_max"  Max
ON                    127

LoadCaseEnvelope     "2A_ENV_RA_min"  Min
ON                    127

LoadCaseEnvelope     "2B_ENV_RA_max"  Max
ON                    128

LoadCaseEnvelope     "2B_ENV_RA_min"  Max
ON                    128

LoadCaseEnvelope     "3A_ENV_RA_max"  Max
ON                    129
ON                    130

LoadCaseEnvelope     "3A_ENV_RA_min"  Min
ON                    129
ON                    130

LoadCaseEnvelope     "3B_ENV_RA_max"  Max
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
ON                    137
ON                    138
ON                    139
ON                    140
ON                    141
ON                    142
ON                    143
ON                    144
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ON                    191
ON                    192
ON                    193
ON                    194
ON                    195
ON                    196
ON                    197
ON                    198
ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "3B_ENV_RA_min"  Min
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
ON                    137
ON                    138
ON                    139
ON                    140
ON                    141
ON                    142
ON                    143
ON                    144
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ON                    182
ON                    183
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ON                    185
ON                    186
ON                    187
ON                    188
ON                    189
ON                    190
ON                    191
ON                    192
ON                    193
ON                    194
ON                    195
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ON                    196
ON                    197
ON                    198
ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "1A_ENV_SLU_max"  Max
ON                    203

LoadCaseEnvelope     "1A_ENV_SLU_min"  Min
ON                    203

LoadCaseEnvelope     "2A_ENV_SLU_max"  Max
ON                    204

LoadCaseEnvelope     "2A_ENV_SLU_min"  Min
ON                    204

LoadCaseEnvelope     "2B_ENV_SLU_max"  Max
ON                    205

LoadCaseEnvelope     "2B_ENV_SLU_min"  Min
ON                    205

LoadCaseEnvelope     "3A_ENV_SLU_max"  Max
ON                    206
ON                    207

LoadCaseEnvelope     "3A_ENV_SLU_min"  Min
ON                    206
ON                    207

LoadCaseEnvelope     "3B_ENV_SLU_max"  Max
ON                    208
ON                    209
ON                    210
ON                    211
ON                    212
ON                    213
ON                    214
ON                    215
ON                    216
ON                    217
ON                    218
ON                    219
ON                    220
ON                    221
ON                    222
ON                    223
ON                    224
ON                    225
ON                    226
ON                    227
ON                    228
ON                    229
ON                    230
ON                    231
ON                    232
ON                    233
ON                    234
ON                    235
ON                    236
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ON                    259
ON                    260
ON                    261
ON                    262
ON                    263
ON                    264
ON                    265
ON                    266
ON                    267
ON                    268
ON                    269
ON                    270
ON                    271
ON                    272
ON                    273
ON                    274
ON                    275
ON                    276
ON                    277
ON                    278
ON                    279

LoadCaseEnvelope     "3B_ENV_SLU_min"  Min
ON                    208
ON                    209
ON                    210
ON                    211
ON                    212
ON                    213
ON                    214
ON                    215
ON                    216
ON                    217
ON                    218
ON                    219
ON                    220
ON                    221
ON                    222
ON                    223
ON                    224
ON                    225
ON                    226
ON                    227
ON                    228
ON                    229
ON                    230
ON                    231
ON                    232
ON                    233
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ON                    252
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ON                    254
ON                    255
ON                    256
ON                    257
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ON                    260
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ON                    262
ON                    263
ON                    264
ON                    265
ON                    266
ON                    267
ON                    268
ON                    269
ON                    270
ON                    271
ON                    272
ON                    273
ON                    274
ON                    275
ON                    276
ON                    277
ON                    278
ON                    279
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3.3.2 ELEMENT GEOMETRY

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/ ____________________________________________________________________

/ ____________________________________________________________________
/ COORDINATE SYSTEM DEFINITIONS

   CoordSys                 1   "Global XYZ"  GlobalXYZ

   CoordSys                 2   "UCS 1"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.18012636559000E+3      1.43513719135900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 3   "UCS 2"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.02996207768500E+3      1.45165569558900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 4   "UCS 3"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.06395124813300E+3      1.44330487077800E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 5   "UCS 4"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.09840306197500E+3      1.43713457721700E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 6   "UCS 5"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.13317777805300E+3      1.43316984246400E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 7   "UCS 6"  RectUCS
    2.22709757132700E+3      1.43338116254200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.22709757132700E+3      1.43338116254200E+3      0.00000000000000E+0

   CoordSys                 8   "UCS 7"  RectUCS
    2.27376862741300E+3      1.43893206546200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.27376862741300E+3      1.43893206546200E+3      0.00000000000000E+0

   CoordSys                 9   "UCS 8"  RectUCS
    2.32009145507300E+3      1.44688163289900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.32009145507300E+3      1.44688163289900E+3      0.00000000000000E+0

   CoordSys                10   "UCS 9"  RectUCS
    2.35482640686800E+3      1.45155226452300E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.35482640686800E+3      1.45155226452300E+3      0.00000000000000E+0


/ ____________________________________________________________________
/ NODE COORDINATES

   Node                     1     3.42877890066513E+1     -8.42455462516477E+0      0.00000000000000E+0
   Node                     2     3.63887073238741E+1      1.35229648154063E+0      0.00000000000000E+0
   Node                     3     7.05337126563188E+1     -4.76199463312582E+0      0.00000000000000E+0
   Node                     4     6.90464113977330E+1     -1.46508502444519E+1      0.00000000000000E+0
   Node                     5     1.04998725018954E+2     -8.68995498916797E+0      0.00000000000000E+0
   Node                     6     1.04130831195834E+2     -1.86523588447083E+1      0.00000000000000E+0
   Node                     7     1.51508400676260E+2     -1.04998376303740E+1      0.00000000000000E+0
   Node                     8     1.51549654562348E+2     -2.05037338166210E+1      0.00000000000000E+0
   Node                     9     1.98067281278516E+2     -8.47728090443002E+0      0.00000000000000E+0
   Node                    10     1.98902496192898E+2     -1.84499739102632E+1      0.00000000000000E+0
   Node                    11     2.90602603797141E+2      4.96340979712318E+0      0.00000000000000E+0
   Node                    12     2.92354306355158E+2     -4.88214403664256E+0      0.00000000000000E+0
   Node                    13     2.44393709796534E+2     -2.96732435638887E+0      0.00000000000000E+0
   Node                    14     2.45917545030671E+2     -1.28505447216637E+1      0.00000000000000E+0
   Node                    15     4.25908095315026E+0     -1.17304871932606E+0      0.00000000000000E+0
   Node                    16     6.87629881547991E+0      8.47838488816637E+0      0.00000000000000E+0
   Node                    17     1.10636546747960E+1      7.36075189898816E+0      0.00000000000000E+0
   Node                    18     8.52718669781393E+0     -2.31221795617012E+0      0.00000000000000E+0
   Node                    19     1.28004035313720E+1     -3.41637937820383E+0      0.00000000000000E+0
   Node                    20     1.52636005863646E+1      6.27550693370381E+0      0.00000000000000E+0
   Node                    21     1.70850632977929E+1     -4.48718235119190E+0      0.00000000000000E+0
   Node                    22     1.94692675278859E+1      5.22443818472607E+0      0.00000000000000E+0
   Node                    23     2.13749932656449E+1     -5.52308833290613E+0      0.00000000000000E+0
   Node                    24     2.36862899619780E+1      4.20614162390507E+0      0.00000000000000E+0
   Node                    25     2.56774711381202E+1     -6.52583815437288E+0      0.00000000000000E+0
   Node                    26     2.79068508547350E+1      3.22248831094225E+0      0.00000000000000E+0
   Node                    27     2.99847930218068E+1     -7.49361823531194E+0      0.00000000000000E+0
   Node                    28     3.21381137618771E+1      2.27179060389903E+0      0.00000000000000E+0
   Node                    29     3.86235021728860E+1     -9.32649249320889E+0      0.00000000000000E+0
   Node                    30     4.06210459883248E+1      4.71967523951889E-1      0.00000000000000E+0
   Node                    31     4.29535281743258E+1     -1.01912842647338E+1      0.00000000000000E+0
   Node                    32     4.48729910954469E+1     -3.77229949878028E-1      0.00000000000000E+0
   Node                    33     4.72903025866219E+1     -1.10215719682498E+1      0.00000000000000E+0
   Node                    34     4.91315629232511E+1     -1.19254554793656E+0      0.00000000000000E+0
   Node                    35     5.16335504679080E+1     -1.18173029653669E+1      0.00000000000000E+0
   Node                    36     5.33964914884007E+1     -1.97392758114393E+0      0.00000000000000E+0
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   Node                    41     6.46993794399239E+1     -1.39966622127947E+1      0.00000000000000E+0
   Node                    42     6.62267118035841E+1     -4.11398768403683E+0      0.00000000000000E+0
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   Node                    45     7.78142554048070E+1     -1.58634206563399E+1      0.00000000000000E+0
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   Node                    47     8.21943657473760E+1     -1.64158713677839E+1      0.00000000000000E+0
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   Node                    50     8.77122392101307E+1     -6.99788409410098E+0      0.00000000000000E+0
   Node                    51     9.09685325553421E+1     -1.74162316350450E+1      0.00000000000000E+0
   Node                    52     9.20221682345579E+1     -7.47189395805754E+0      0.00000000000000E+0
   Node                    53     9.53613116184085E+1     -1.78639838968686E+1      0.00000000000000E+0
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Node	54	9.63357348119878E+1	-7.91157215818521E+0	0.00000000000000E+0
Node	55	9.97575165392448E+1	-1.82767456563090E+1	0.00000000000000E+0
Node	56	1.00652665471947E+2	-8.31689081987793E+0	0.00000000000000E+0
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Node	64	1.21875503617129E+2	-9.80703853945079E+0	0.00000000000000E+0
Node	65	1.25678274212993E+2	-1.99954893781139E+1	0.00000000000000E+0
Node	66	1.26106008878400E+2	-1.00046414151549E+1	0.00000000000000E+0
Node	67	1.29987901370570E+2	-2.01632094921686E+1	0.00000000000000E+0
Node	68	1.30337922982401E+2	-1.01693371279509E+1	0.00000000000000E+0
Node	69	1.34298702575876E+2	-2.02974080058088E+1	0.00000000000000E+0
Node	70	1.34570989963537E+2	-1.03011157162816E+1	0.00000000000000E+0
Node	71	1.38610417091763E+2	-2.03980768020899E+1	0.00000000000000E+0
Node	72	1.38804953785878E+2	-1.03999692095555E+1	0.00000000000000E+0
Node	73	1.42922784125604E+2	-2.04652097920919E+1	0.00000000000000E+0
Node	74	1.43039558359748E+2	-1.04658916286568E+1	0.00000000000000E+0
Node	75	1.47224506140611E+2	-2.04996511579341E+1	0.00000000000000E+0
Node	76	1.47285574830231E+2	-1.04998376303740E+1	0.00000000000000E+0
Node	77	1.55858025645728E+2	-2.04733055988306E+1	0.00000000000000E+0
Node	78	1.55747513655688E+2	-1.04739162610769E+1	0.00000000000000E+0
Node	79	1.60161056470442E+2	-2.04108804087948E+1	0.00000000000000E+0
Node	80	1.59991264691298E+2	-1.04123219737236E+1	0.00000000000000E+0
Node	81	1.64476218600903E+2	-2.03156454188377E+1	0.00000000000000E+0
Node	82	1.64221686770066E+2	-1.03188852648368E+1	0.00000000000000E+0
Node	83	1.68790430279093E+2	-2.01900229609139E+1	0.00000000000000E+0
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Node	86	1.72683990171640E+2	-1.00422564966218E+1	0.00000000000000E+0
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Node	88	1.76920808783715E+2	-9.85616206889085E+0	0.00000000000000E+0
Node	89	1.81703827360970E+2	-1.96242185643807E+1	0.00000000000000E+0
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Node	210	-3.76737857095577E-4	2.40349538898954E-4	0.00000000000000E+0
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Node	232	6.48461469730248E+1	-8.95962665817797E+0	0.00000000000000E+0
Node	233	6.54630456219086E+1	-9.05532494883209E+0	0.00000000000000E+0
Node	234	6.97900619751902E+1	-9.70642278344167E+0	0.00000000000000E+0
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Node	236	7.47403739127387E+1	-1.04096143170113E+1	0.00000000000000E+0
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Node	274	1.92502663201713E+2	-1.39254286771415E+1	0.00000000000000E+0
Node	275	1.94224144984952E+2	-1.37981256774328E+1	0.00000000000000E+0

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/ BEAM ELEMENTS

   Beam                   1       3      55       1     222
   Beam                   2       3      55       4     234
   Beam                   3       3      55       6     246
   Beam                   4       3      55       8     261
   Beam                   5       3      55      10     276
   Beam                   6       3      55      12     306
   Beam                   7       3      55      14     291
   Beam                   8       4      56      15     212
   Beam                   9       4      56      18     213
   Beam                  10       4      56      19     215
   Beam                  11       4      56      21     216
   Beam                  12       4      56      23     218
   Beam                  13       4      56      25     219
   Beam                  14       4      56      27     221
   Beam                  15       4      56      29     223
   Beam                  16       4      56      31     225
   Beam                  17       4      56      33     227
   Beam                  18       4      56      35     228
   Beam                  19       4      56      37     229
   Beam                  20       4      56      39     231
   Beam                  21       4      56      41     233
   Beam                  22       4      56      43     235
   Beam                  23       4      56      45     237
   Beam                  24       4      56      47     239
   Beam                  25       4      56      49     240
   Beam                  26       4      56      51     242
   Beam                  27       4      56      53     243
   Beam                  28       4      56      55     245
   Beam                  29       4      56      57     247
   Beam                  30       4      56      59     249
   Beam                  31       4      56      61     250
   Beam                  32       4      56      63     252
   Beam                  33       4      56      65     253
   Beam                  34       4      56      67     254
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Beam	144	8	170	11	137
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Beam	186	7	142	192	111
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Beam	188	7	141	107	109
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Beam	190	7	141	103	105
Beam	191	7	141	193	103
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Beam	196	7	164	10	97
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Beam	199	7	163	93	195
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Beam	201	7	138	196	91
Beam	202	7	137	89	196
Beam	203	7	137	87	89
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Beam	208	7	133	63	65
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Beam	211	7	132	59	61
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Beam	220	7	129	49	200
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BmAngle              412       270.00
BmAngle              413       270.00
BmAngle              414       270.00
BmAngle              415       270.00
BmAngle              416       270.00
BmAngle              417       270.00
BmAngle              418       270.00
BmAngle              419       270.00
BmAngle              420       270.00
BmAngle              421       270.00
BmAngle              422       270.00
BmAngle              423       270.00
BmAngle              424       270.00
BmAngle              425       270.00
BmAngle              426       270.00
BmAngle              427       270.00
BmAngle              428       270.00
BmAngle              429       270.00
BmAngle              430       270.00
BmAngle              431       270.00
BmAngle              432       270.00
BmAngle              433       270.00
BmAngle              434       270.00
BmAngle              435       270.00
BmAngle              436       270.00
BmAngle              437       270.00
BmAngle              438       270.00
BmAngle              439       270.00
BmAngle              440       270.00
BmAngle              441       270.00
BmAngle              442       270.00
BmAngle              443       270.00
BmAngle              444       270.00
BmAngle              445       270.00
BmAngle              446       270.00
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   BmAngle               447        270.00
   BmAngle               448        270.00
   BmAngle               449        270.00
   BmAngle               450        270.00
   BmAngle               451        270.00
   BmAngle               452        270.00
   BmAngle               453        270.00
   BmAngle               454        270.00
   BmAngle               455        270.00
   BmAngle               456        270.00
   BmAngle               457        270.00
   BmAngle               458        270.00
   BmAngle               459        270.00
   BmAngle               460        270.00
   BmAngle               461        270.00
   BmAngle               462        270.00
   BmAngle               463        270.00
   BmAngle               464        270.00
   BmAngle               465        270.00
   BmAngle               466        270.00
   BmAngle               467        270.00
   BmAngle               468        270.00
   BmAngle               469        270.00
   BmAngle               470        270.00
   BmAngle               471        270.00
   BmAngle               472        270.00

/ _____________________________________________________________________________
/ RIGID LINKS

   RigidLink               5     323     210          XYZ
   RigidLink               5     322     151          XYZ
   RigidLink               5     325       1          XYZ
   RigidLink               5     324       2          XYZ
   RigidLink               5     326       3          XYZ
   RigidLink               5     327       4          XYZ
   RigidLink               5     328       5          XYZ
   RigidLink               5     329       6          XYZ
   RigidLink               5     330       7          XYZ
   RigidLink               5     331       8          XYZ
   RigidLink               5     332       9          XYZ
   RigidLink               5     333      10          XYZ
   RigidLink               5     334      13          XYZ
   RigidLink               5     335      14          XYZ
   RigidLink               5     336      11          XYZ
   RigidLink               5     337      12          XYZ
   RigidLink               5     338     182          XYZ
   RigidLink               5     339     183          XYZ
   RigidLink               1     348     317          XYZ
   RigidLink               1     347     306          XYZ
   RigidLink               1     346     291          XYZ
   RigidLink               1     345     276          XYZ
   RigidLink               1     344     261          XYZ
   RigidLink               1     343     246          XYZ
   RigidLink               1     342     234          XYZ
   RigidLink               1     341     222          XYZ
   RigidLink               1     340     211          XYZ

/ _____________________________________________________________________________
/ NODE RESTRAINTS (ROTATION AS RADIAN)
/ Freedom Case 1
   NdFreedom               1     322       3           DY
   NdFreedom               1     323       3           DY
   NdFreedom               1     324       4           DY
   NdFreedom               1     325       4           DY
   NdFreedom               1     326       5           DY
   NdFreedom               1     327       5           DY
   NdFreedom               1     328       6           DY
   NdFreedom               1     329       6           DY
   NdFreedom               1     330       2           DY  DZ
   NdFreedom               1     331       2           DY  DZ
   NdFreedom               1     332       7           DY
   NdFreedom               1     333       7           DY
   NdFreedom               1     334       8           DY
   NdFreedom               1     335       8           DY
   NdFreedom               1     336       9           DY
   NdFreedom               1     337       9           DY
   NdFreedom               1     338      10           DY
   NdFreedom               1     339      10           DY
   NdFreedom               1     340       3           DY  DZ
   NdFreedom               1     341       4           DY  DZ
   NdFreedom               1     342       5           DY  DZ
   NdFreedom               1     343       6           DY  DZ
   NdFreedom               1     344       2       DX  DY  DZ
   NdFreedom               1     345       7           DY  DZ
   NdFreedom               1     346       8           DY  DZ
   NdFreedom               1     347       9           DY  DZ
   NdFreedom               1     348      10           DY  DZ

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Soletta
   BmDistLoadG            13      76      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      77      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      78      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      79      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      80      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      81      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      82      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      83      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13      84      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            13      85      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      86      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      87      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      88      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      89      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      90      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      91      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      92      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      93      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      94      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      95      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      96      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      97      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      98      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      99      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     100      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     101      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     102      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     103      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     104      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     105      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     106      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     107      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     108      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     109      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     110      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     111      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     112      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     113      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     114      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     115      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     116      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     117      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     118      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     119      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     120      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     121      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     122      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     123      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     124      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     125      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     126      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     127      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     128      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     129      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     130      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     131      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     132      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     133      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     134      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     135      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     136      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     137      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     138      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     139      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     140      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     141      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     142      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     143      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     144      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     145      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     146      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     147      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     148      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     149      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     150      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     151      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     152      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     153      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     154      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     156      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     157      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     158      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     159      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     160      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     161      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     162      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     163      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     164      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     165      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     166      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     167      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     168      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     169      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     170      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     171      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     172      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     173      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     174      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     175      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     176      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     177      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     178      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     179      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     180      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     181      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     182      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     183      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     184      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     185      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     186      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     187      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     188      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     189      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     190      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     191      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     192      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     193      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     194      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     195      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13     196      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     197      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     198      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     199      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     200      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     201      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     202      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     203      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     204      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     205      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     206      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     207      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     208      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     209      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     210      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     211      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     212      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     213      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     214      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     215      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     216      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     217      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     218      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     219      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     220      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     221      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     222      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     223      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     224      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     225      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     226      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     227      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     228      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     229      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     230      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     231      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     232      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     233      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     234      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     235      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     236      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     237      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     238      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     239      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     240      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     241      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     242      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     243      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     244      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     245      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     246      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     247      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     248      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     249      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     251      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     252      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     253      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     254      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     255      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     256      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     257      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     258      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     259      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     260      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     261      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     262      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     263      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     264      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     265      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     266      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     267      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     268      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     269      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     270      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     271      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     272      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     273      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     274      Z      1    -3.93750000000000E+1     -3.93750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     275      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     276      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     277      Z      1    -3.56250000000000E+1     -3.56250000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     278      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     279      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     280      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     281      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     282      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     283      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     284      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     285      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     286      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     287      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     288      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     289      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     290      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     291      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     292      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     293      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     294      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     295      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     296      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     297      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     298      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     299      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     300      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     301      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     302      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     303      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     304      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     305      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     306      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            13     307      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     308      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     309      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     310      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     311      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     312      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     313      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     314      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     315      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     316      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     317      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     318      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     319      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     320      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     321      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     322      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     323      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     324      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     325      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     326      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     327      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     328      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     329      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     330      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     331      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     332      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     333      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     334      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     335      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     336      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     337      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     338      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     339      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     340      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     341      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     342      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     343      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     344      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     345      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     346      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     347      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     348      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     349      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     350      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     351      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     352      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     353      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     354      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     355      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     356      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     357      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     358      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     359      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     360      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     361      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            13     362      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     363      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     364      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     365      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     366      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     367      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     368      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     369      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     370      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     371      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     372      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     373      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     374      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     375      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     376      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     377      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     378      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     379      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     380      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     381      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     382      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     383      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     384      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     385      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     386      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     387      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     388      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     389      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     390      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     391      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     392      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     393      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     394      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     395      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Perm. non strutturale
   BmDistLoadG            14      76      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      77      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      78      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      79      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      80      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      81      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      82      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      83      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      84      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      85      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      86      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      87      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      88      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      89      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      90      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      91      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      92      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      93      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      94      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14      95      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      96      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      97      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      98      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14      99      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     100      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     101      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     102      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     103      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     104      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     105      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     106      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     107      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     108      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     109      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     110      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     111      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     112      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     113      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     114      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     115      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     116      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     117      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     118      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     119      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     120      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     121      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     122      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     123      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     124      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     125      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     126      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     127      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     128      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     129      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     130      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     131      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     132      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     133      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     134      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     135      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     136      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     137      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     138      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     139      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     140      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     141      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     142      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     143      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     144      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     145      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     146      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     147      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     148      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     149      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     150      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     151      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     152      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     153      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     154      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     156      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     157      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     158      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     159      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     160      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     161      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     162      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     163      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     164      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     165      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     166      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     167      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     168      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     169      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     170      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     171      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     172      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     173      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     174      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     175      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     176      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     177      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     178      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     179      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     180      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     181      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     182      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     183      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     184      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     185      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     186      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     187      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     188      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     189      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     190      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     191      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     192      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     193      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     194      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     195      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     196      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     197      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     198      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     199      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     200      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     201      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     202      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     203      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     204      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     205      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14     206      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     207      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     208      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     209      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     210      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     211      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     212      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     213      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     214      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     215      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     216      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     217      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     218      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     219      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     220      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     221      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     222      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     223      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     224      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     225      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     226      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     227      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     228      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     229      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     230      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     231      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     232      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     233      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     234      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     235      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     236      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     237      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     238      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     239      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     240      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     241      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     242      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     243      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     244      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     245      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     246      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     247      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     248      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     249      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     251      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     252      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     253      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     254      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     255      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     256      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     257      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     258      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     259      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     260      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     261      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     262      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     263      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     264      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     265      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     266      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     267      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     268      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     269      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     270      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     271      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     272      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     273      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     274      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     275      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     276      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     277      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     278      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     279      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     280      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     281      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     282      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     283      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     284      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     285      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     286      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     287      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     288      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     289      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     290      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     291      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     292      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     293      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     294      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     295      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     296      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     297      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     298      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     299      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     300      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     301      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     302      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     303      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     304      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     305      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     306      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     307      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     308      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     309      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     310      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     311      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     312      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     313      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     314      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     315      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     316      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     317      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     318      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     319      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     320      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     321      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     322      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     323      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     324      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     325      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     326      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     327      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     328      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     329      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     330      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     331      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     332      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     333      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     334      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     335      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     336      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     337      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     338      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     339      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     340      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     341      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     342      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     343      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     344      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     345      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     346      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     347      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     348      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     349      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     350      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     351      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     352      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     353      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     354      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     355      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     356      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     357      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     358      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     359      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     360      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     361      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     362      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     363      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     364      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     365      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     366      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     367      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     368      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     369      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     370      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     371      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG             14      372      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      373      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      374      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      375      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      376      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      377      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      378      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      379      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      380      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      381      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      382      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      383      Z      1    -1.82700000000000E+1     -1.82700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      384      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      385      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      386      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      387      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      388      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      389      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      390      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      391      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      392      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      393      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      394      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14      395      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ Ritiro
   BmTempGrad              15       76     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       77     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       78     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       79     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       80     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       81     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       82     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       83     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       84     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       85     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       86     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       87     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       88     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       89     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       90     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       91     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       92     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       93     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       94     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       95     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       96     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       97     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       98     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15       99     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      100     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      101     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      102     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      103     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      104     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      105     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      106     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      107     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      108     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      109     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      110     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      111     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      112     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      113     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      114     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      115     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      116     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      117     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      118     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      119     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      120     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      121     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      122     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      123     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      124     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      125     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      126     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      127     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      128     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      129     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      130     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      131     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      132     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      133     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15      134     0.00000000000000E+0      1.11000000000000E+1
```

BmTempGrad	15	135	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	136	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	137	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	138	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	139	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	141	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	143	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	144	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	145	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	146	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	147	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	148	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	149	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	151	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	152	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	153	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	154	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	156	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	157	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	158	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	159	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	160	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	161	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	162	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	163	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	164	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	165	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	166	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	167	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	186	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	195	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	196	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	202	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	203	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	204	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	205	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	206	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	209	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	212	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	213	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	214	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	216	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	217	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	218	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	219	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	220	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	221	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	222	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	223	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	224	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	225	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	227	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	228	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	232	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	233	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	234	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	237	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	238	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	239	0.00000000000000E+0	1.11000000000000E+1
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BmTempGrad	15	241	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	242	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	243	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	244	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	245	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	246	0.00000000000000E+0	1.11000000000000E+1

```
   BmTempGrad              15     247     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     248     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     249     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     251     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     252     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     253     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     254     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     255     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     256     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     257     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     258     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     259     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     260     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     261     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     262     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     263     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     264     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     265     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     266     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     267     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     268     0.00000000000000E+0      1.11000000000000E+1
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   BmTempGrad              15     272     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     273     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     274     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     275     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     276     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     277     0.00000000000000E+0      1.11000000000000E+1
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   BmTempGrad              15     385     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     386     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     387     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     388     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     389     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     390     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     391     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     392     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     393     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     394     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad              15     395     0.00000000000000E+0      1.11000000000000E+1

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Cool
   BmTempGrad              16      76     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      77     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      78     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      79     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      80     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      81     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      82     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      83     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      84     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      85     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      86     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      87     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      88     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      89     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      90     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      91     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      92     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      93     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      94     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      95     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      96     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      97     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      98     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16      99     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     100     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     101     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     102     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     103     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     104     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     105     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     106     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     107     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     108     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     109     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     110     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     111     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     112     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     113     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     114     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     115     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     116     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     117     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     118     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     119     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     120     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     121     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     122     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     123     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     124     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     125     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     126     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     127     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     128     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     129     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     130     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     131     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     132     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     133     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     134     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     135     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     136     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     137     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     138     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     139     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     140     0.00000000000000E+0      4.80000000000000E+0
```

BmTempGrad	16	141	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	142	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	143	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	144	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	145	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	146	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	147	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	148	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	149	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	150	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	151	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	152	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	153	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	154	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	156	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	157	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	158	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	159	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	160	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	161	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	162	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	163	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	164	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	165	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	166	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	167	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	168	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	169	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	170	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	171	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	172	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	173	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	174	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	175	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	176	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	177	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	178	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	179	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	180	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	181	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	182	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	183	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	184	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	185	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	186	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	187	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	188	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	189	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	190	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	191	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	192	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	193	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	194	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	195	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	196	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	197	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	198	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	199	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	200	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	201	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	202	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	203	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	204	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	205	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	206	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	207	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	208	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	209	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	210	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	211	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	212	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	213	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	214	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	215	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	216	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	217	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	218	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	219	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	220	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	221	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	222	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	223	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	224	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	225	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	226	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	227	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	228	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	229	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	230	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	231	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	232	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	233	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	234	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	235	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	236	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	237	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	238	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	239	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	240	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	241	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	242	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	243	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	244	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	245	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	246	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	247	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	248	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	249	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	251	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	252	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	253	0.000000000000000E+0	4.800000000000000E+0

```
   BmTempGrad              16     254     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     255     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     256     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     257     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     258     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     259     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     260     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     261     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     262     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     263     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     264     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     265     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     266     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     267     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     268     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     269     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     270     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     271     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     272     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     273     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     274     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     275     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     276     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     277     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     384     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     385     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     386     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     387     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     388     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     389     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     390     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     391     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     392     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     393     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     394     0.00000000000000E+0      4.80000000000000E+0
   BmTempGrad              16     395     0.00000000000000E+0      4.80000000000000E+0

/ _____________________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Heat
   BmTempGrad              17      76     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      77     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      78     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      79     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      80     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      81     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      82     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      83     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      84     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      85     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      86     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      87     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      88     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      89     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      90     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      91     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      92     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      93     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      94     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      95     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      96     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      97     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      98     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17      99     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     100     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     101     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     102     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     103     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     104     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     105     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     106     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     107     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     108     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     109     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     110     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     111     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     112     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     113     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     114     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     115     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     116     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     117     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     118     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     119     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     120     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     121     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     122     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     123     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     124     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     125     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     126     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     127     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     128     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     129     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     130     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     131     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     132     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     133     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     134     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     135     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     136     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     137     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     138     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     139     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     140     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     141     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     142     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     143     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     144     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     145     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     146     0.00000000000000E+0     -4.80000000000000E+0
```

BmTempGrad	17	147	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	148	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	149	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	150	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	151	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	152	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	153	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	154	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	156	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	157	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	158	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	159	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	160	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	161	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	162	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	163	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	164	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	165	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	166	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	167	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	168	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	169	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	170	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	171	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	172	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	173	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	174	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	175	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	176	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	177	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	178	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	179	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	180	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	181	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	182	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	183	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	184	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	185	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	186	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	187	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	188	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	189	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	190	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	191	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	192	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	193	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	194	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	195	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	196	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	197	0.00000000000000E+0	-4.80000000000000E+0
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BmTempGrad	17	199	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	200	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	201	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	202	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	203	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	204	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	205	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	206	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	207	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	208	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	209	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	210	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	211	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	212	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	213	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	214	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	215	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	216	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	217	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	218	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	219	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	220	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	221	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	222	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	223	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	224	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	225	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	226	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	227	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	228	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	229	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	230	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	231	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	232	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	233	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	234	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	235	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	236	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	237	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	238	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	239	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	240	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	241	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	242	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	243	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	244	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	245	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	246	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	247	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	248	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	249	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	251	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	252	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	253	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	254	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	255	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	256	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	257	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	258	0.00000000000000E+0	-4.80000000000000E+0
BmTempGrad	17	259	0.00000000000000E+0	-4.80000000000000E+0

```
   BmTempGrad              17     260     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     261     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     262     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     263     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     264     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     265     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     266     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     267     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     268     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     269     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     270     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     271     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     272     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     273     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     274     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     275     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     276     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     277     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     384     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     385     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     386     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     387     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     388     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     389     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     390     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     391     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     392     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     393     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     394     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     395     0.00000000000000E+0     -4.80000000000000E+0

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadL             18      76      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      77      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      78      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      79      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      80      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      81      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      82      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      83      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      84      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      85      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      86      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      87      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      88      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      89      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      90      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      91      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      92      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      93      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      94      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      95      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      96      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      97      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      98      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      99      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     100      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     101      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     102      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     103      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     104      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     105      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     106      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     107      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     108      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     109      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     110      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     111      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     112      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     113      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

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   BmDistLoadL            18     114      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     115      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     116      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     117      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     118      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     119      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     120      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     121      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     122      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     123      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     124      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     125      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     126      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     127      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     128      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     129      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     130      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     131      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     132      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     133      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     134      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     135      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     136      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     137      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     138      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     139      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     140      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     141      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     142      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     143      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     144      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     145      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     146      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     147      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     148      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     149      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     150      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     151      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     152      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     153      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     154      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     156      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     157      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     158      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     159      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     160      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     161      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     162      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     163      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     164      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     165      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     166      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     167      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     168      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     169      1       1     4.53000000000000E+0      4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadL            18     170      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     171      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     172      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     173      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     174      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     175      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     176      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     177      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     178      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     179      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     180      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     181      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     182      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     183      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     184      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     185      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     186      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     187      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     188      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     189      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     190      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     191      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     192      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     193      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     194      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     195      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     196      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     197      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     198      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     199      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     200      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     201      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     202      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     203      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     204      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     205      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     206      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     207      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     208      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     209      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     210      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     211      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     212      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     213      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     214      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     215      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     216      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     217      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     218      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     219      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     220      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     221      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     222      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     223      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     224      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadL            18     225      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     226      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     227      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     228      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     229      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     230      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     231      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     232      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     233      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     234      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     235      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     236      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     237      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     238      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     239      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     240      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     241      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     242      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     243      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     244      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     245      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     246      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     247      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     248      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     249      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     251      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     252      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     253      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     254      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     255      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     256      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     257      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     258      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     259      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     260      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     261      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     262      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     263      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     264      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     265      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     266      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     267      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     268      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     269      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     270      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     271      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     272      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     273      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     274      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     275      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     276      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     277      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     384      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     385      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     386      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            18     387       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     388       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     389       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     390       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     391       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     392       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     393       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     394       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     395       1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadG            18      76       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      77       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      78       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      79       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      80       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      81       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      82       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      83       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      84       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      85       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      86       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      87       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      88       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      89       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      90       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      91       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      92       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      93       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      94       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      95       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      96       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      97       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      98       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18      99       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     100       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     101       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     102       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     103       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     104       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     105       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     106       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     107       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     108       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     109       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     110       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     111       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     112       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     113       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     114       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     115       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     116       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     117       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     118       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     119       Z       1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     120      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     121      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     122      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     123      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     124      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     125      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     126      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     127      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     128      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     129      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     130      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     131      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     132      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     133      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     134      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     135      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     136      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     137      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     138      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     139      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     140      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     141      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     142      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     143      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     144      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     145      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     146      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     147      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     148      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     149      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     150      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     151      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     152      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     153      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     154      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     156      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     157      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     158      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     159      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     160      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     161      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     162      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     163      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     164      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     165      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     166      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     167      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     168      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     169      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     170      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     171      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     172      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     173      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     174      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     175      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     176      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     177      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     178      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     179      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     180      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     181      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     182      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     183      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     184      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     185      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     186      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     187      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     188      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     189      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     190      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     191      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     192      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     193      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     194      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     195      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     196      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     197      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     198      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     199      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     200      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     201      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     202      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     203      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     204      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     205      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     206      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     207      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     208      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     209      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     210      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     211      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     212      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     213      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     214      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     215      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     216      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     217      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     218      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     219      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     220      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     221      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     222      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     223      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     224      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     225      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     226      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     227      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     228      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     229      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     230      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     231      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     232      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     233      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     234      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     235      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     236      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     237      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     238      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     239      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     240      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     241      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     242      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     243      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     244      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     245      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     246      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     247      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     248      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     249      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     251      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     252      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     253      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     254      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     255      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     256      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     257      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     258      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     259      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     260      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     261      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     262      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     263      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     264      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     265      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     266      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     267      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     268      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     269      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     270      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     271      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     272      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     273      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     274      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     275      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     276      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     277      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     287      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     288      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     289      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     290      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     291      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     292      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     293      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     294      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     295      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     296      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     297      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     298      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     299      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     300      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     301      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     302      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     303      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     342      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     343      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     344      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     345      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     346      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     347      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     348      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     349      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     350      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     351      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     352      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     353      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     354      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     355      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     356      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     357      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     358      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     384      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     385      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     386      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     387      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     388      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     389      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     390      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     391      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     392      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     393      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     394      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     395      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
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/ Vento ponte carico +Y
   BmDistLoadL            19      76       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      77       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      78       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      79       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      80       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      81       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      82       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      83       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      84       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      85       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      86       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      87       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      88       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      89       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      90       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      91       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      92       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      93       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      94       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      95       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      96       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      97       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      98       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19      99       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     100       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     101       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     102       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     103       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     104       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     105       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     106       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     107       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     108       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     109       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     110       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     111       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     112       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     113       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     114       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     115       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     116       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     117       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     118       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     119       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     120       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     121       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     122       1       1    -4.430000000000000E+0     -4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     123       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     124       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     125       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     126       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     127       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     128       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     129       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            19     130       1       1    -4.470000000000000E+0     -4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            19     131      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     132      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     133      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     134      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     135      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     136      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     137      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     138      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     139      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     140      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     141      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     142      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     143      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     144      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     145      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     146      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     147      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     148      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     149      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     150      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     151      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     152      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     153      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     154      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     156      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     157      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     158      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     159      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     160      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     161      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     162      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     163      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     164      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     165      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     166      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     167      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     168      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     169      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     170      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     171      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     172      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     173      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     174      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     175      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     176      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     177      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     178      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     179      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     180      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     181      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     182      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     183      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     184      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     185      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     186      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

```
   BmDistLoadL            19     187      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     188      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     189      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     190      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     191      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     192      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     193      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     194      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     195      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     196      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     197      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     198      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     199      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     200      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     201      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     202      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     203      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     204      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     205      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     206      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     207      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     208      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     209      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     210      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     211      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     212      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     213      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     214      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     215      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     216      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     217      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     218      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     219      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     220      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     221      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     222      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     223      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     224      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     225      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     226      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     227      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     228      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     229      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     230      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     231      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     232      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     233      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     234      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     235      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     236      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     237      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     238      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     239      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     240      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     241      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadL            19      242       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      243       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      244       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      245       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      246       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      247       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      248       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      249       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      251       1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      252       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      253       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      254       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      255       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      256       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      257       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      258       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      259       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      260       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      261       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      262       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      263       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      264       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      265       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      266       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      267       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      268       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      269       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      270       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      271       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      272       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      273       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      274       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      275       1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      276       1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      277       1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      384       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      385       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      386       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      387       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      388       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      389       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      390       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      391       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      392       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      393       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      394       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19      395       1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico +Y
   BmDistLoadG            19       76       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19       77       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19       78       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19       79       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19       80       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19       81       Z       1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
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   BmDistLoadG            19      82      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      83      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      84      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      85      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      86      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      87      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      88      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      89      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      90      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      91      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      92      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      93      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      94      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      95      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      96      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      97      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      98      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      99      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     100      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     101      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     102      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     103      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     104      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     105      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     106      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     107      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     108      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     109      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     110      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     111      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     112      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     113      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     114      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     115      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     116      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     117      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     118      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     119      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     120      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     121      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     122      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     123      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     124      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     125      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     126      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     127      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     128      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     129      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     130      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     131      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     132      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     133      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     134      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     135      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     136      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     137      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     138      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     139      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     140      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     141      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     142      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     143      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     144      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     145      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     146      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     147      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     148      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     149      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     150      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     151      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     152      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     153      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     154      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     156      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     157      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     158      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     159      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     160      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     161      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     162      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     163      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     164      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     165      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     166      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     167      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     168      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     169      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     170      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     171      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     172      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     173      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     174      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     175      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     176      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     177      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     178      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     179      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     180      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     181      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     182      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     183      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     184      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     185      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     186      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     187      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     188      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     189      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     190      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     191      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     192      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG           19     193      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     194      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     195      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     196      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     197      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     198      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     199      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     200      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     201      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     202      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     203      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     204      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     205      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     206      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     207      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     208      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     209      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     210      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     211      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     212      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     213      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     214      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     215      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     216      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     217      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     218      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     219      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     220      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     221      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     222      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     223      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     224      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     225      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     226      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     227      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     228      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     229      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     230      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     231      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     232      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     233      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     234      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     235      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     236      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     237      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     238      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     239      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     240      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     241      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     242      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     243      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     244      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     245      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     246      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG           19     247      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            19     248      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     249      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     251      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     252      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     253      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     254      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     255      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     256      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     257      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     258      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     259      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     260      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     261      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     262      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     263      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     264      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     265      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     266      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     267      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     268      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     269      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     270      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     271      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     272      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     273      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     274      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     275      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     276      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     277      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     287      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     288      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     289      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     290      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     291      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     292      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     293      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     294      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     295      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     296      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     297      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     298      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     299      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     300      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     301      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     302      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     303      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            19     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     339      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     340      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     341      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     342      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     343      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     344      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     345      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     346      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     347      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     348      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     349      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     350      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     351      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     352      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     353      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     354      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     355      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     356      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     357      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     358      Z      1    -6.780000000000000E+0     -6.780000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG             19      359      Z      1    -6.78000000000000E+0     -6.78000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      360      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      361      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      362      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      363      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      364      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      384      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      385      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      386      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      387      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      388      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      389      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      390      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      391      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      392      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      393      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      394      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      395      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 1
   BmDistLoadG             20      76       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      77       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      78       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      79       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      80       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      81       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      82       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      83       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      84       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      85       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      86       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      87       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      88       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      89       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      90       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      91       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

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   BmDistLoadG            20      92      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      93      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      94      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      95      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      96      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      97      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      98      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20      99      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     100      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     101      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     102      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     103      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     104      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     105      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     106      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     107      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     108      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     109      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     110      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     111      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     112      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     113      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     114      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     115      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     116      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     117      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     118      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     119      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     120      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     121      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     122      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     123      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     124      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     125      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     126      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     127      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     128      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     129      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     130      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     131      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     132      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     133      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     134      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     135      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     136      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     137      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     138      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     139      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     140      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     141      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     142      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     143      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     144      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     145      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     146      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            20     147      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     148      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     149      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     150      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     151      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     152      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     153      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     154      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     156      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     157      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     158      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     159      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     160      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     161      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     162      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     163      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     164      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     165      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     166      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     167      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     168      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     169      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     170      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     171      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     172      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     173      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     174      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     175      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     176      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     177      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     178      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     179      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     180      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     181      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     182      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     183      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     184      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     185      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     186      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     187      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     188      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     189      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     190      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     191      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     192      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     193      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     194      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     195      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     196      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     197      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     198      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     199      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     200      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     201      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     202      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     203      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     204      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     205      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     206      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     207      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     208      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     209      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     210      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     211      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     212      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     213      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     214      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     215      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     216      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     217      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     218      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     219      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     220      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     221      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     222      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     223      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     224      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     225      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     226      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     227      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     228      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     229      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     230      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     231      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     232      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     233      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     234      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     235      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     236      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     237      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     238      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     239      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     240      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     241      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     242      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     243      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     244      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     245      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     246      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     247      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     248      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     249      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     251      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     252      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     253      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     254      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     255      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     256      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     257      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     258      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            20     259      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     260      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     261      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     262      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     263      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     264      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     265      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     266      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     267      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     268      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     269      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     270      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     271      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     272      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     273      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     274      Z      1    -7.14000000000000E+0     -7.14000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     275      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     276      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     277      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            20     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             20      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      384      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      385      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      386      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      387      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      388      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      389      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      390      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      391      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      392      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      393      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      394      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      395      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ ____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1a - spalla 1
   BmDistLoadG             21       76      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             21      249      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             21      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ ____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1b - campata 1
   BmDistLoadG             22       79      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22       80      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             22      244      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             22      245      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ ____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c - sx pila 1
   BmDistLoadG             23       83      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             23      239      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             23      288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c' - dx pila 1
   BmDistLoadG             24       84      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             24      238      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             24      289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1d - campata 2
   BmDistLoadG             25       87      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25       88      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             25      232      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
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   BmDistLoadG             25     233      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     294      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             25     295      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.82

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e - sx pila 2
   BmDistLoadG             26      91      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             26     227      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             26     300      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e' - dx pila 2
   BmDistLoadG             27      92      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             27     226      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.64
   BmDistLoadG             27     301      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1f - campata 3
   BmDistLoadG             28      95      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28      96      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     220      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77
   BmDistLoadG             28     221      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     306      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.82          0.00
   BmDistLoadG             28     307      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.77

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g - sx pila 3
   BmDistLoadG             29      99      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             29     215      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.64          0.00
   BmDistLoadG             29     312      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g' - dx pila 3
   BmDistLoadG             30     100      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             30     214      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             30     313      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1h - campata 4
   BmDistLoadG             31     105      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     207      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             31     320      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i - sx pila 4
   BmDistLoadG             32     110      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             32     327      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
   BmDistLoadG             32     390      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i' - dx pila 4
   BmDistLoadG             33     111      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.62
   BmDistLoadG             33     328      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63
   BmDistLoadG             33     389      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.00          0.63

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1l - campata 5
   BmDistLoadG             34     116      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     204      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31
   BmDistLoadG             34     335      Z      1    -2.500000000000000E+2     -2.500000000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.31          0.31

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m - sx pila 5
   BmDistLoadG             35     121      Z      1     1.184400000000000E+2      1.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.62          0.00
   BmDistLoadG             35     197      Z      1    -6.184400000000000E+2     -6.184400000000000E+2      0.000000000000000E+0
0.000000000000000E+0           0.63          0.00
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   BmDistLoadG             35     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m' - dx pila 5
   BmDistLoadG             36     122      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             36     196      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             36     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 1n - campata 6
   BmDistLoadG             37     127      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     189      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o - sx pila 6
   BmDistLoadG             38     132      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             38     182      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             38     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o' - dx pila 6
   BmDistLoadG             39     133      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             39     181      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             39     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1p - campata 7
   BmDistLoadG             43     138      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     174      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q - sx pila 7
   BmDistLoadG             44     143      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             44     167      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             44     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q' - dx pila 7
   BmDistLoadG             45     144      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     164      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1r - campata 8
   BmDistLoadG             46     149      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             46     150      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     160      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     161      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1s - pila 8
   BmDistLoadG             47     154      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             47     156      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             47     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 2
   BmDistLoadG             48      76      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      77      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      78      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      79      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            48      80      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      81      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      82      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      83      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      84      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      85      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      86      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      87      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      88      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      89      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      90      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      91      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      92      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      93      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      94      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      95      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      96      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      97      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      98      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      99      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     100      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     101      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     102      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     103      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     104      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     105      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     106      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     107      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     108      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     109      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     110      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     111      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     112      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     113      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     114      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     115      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     116      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     117      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     118      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     119      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     120      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     121      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     122      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     123      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     124      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     125      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     126      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     127      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     128      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     129      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     130      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     131      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     132      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     133      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     134      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     135      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     136      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     137      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     138      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     139      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     140      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     141      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     142      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     143      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     144      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     145      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     146      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     147      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     148      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     149      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     150      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     151      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     152      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     153      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     154      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     156      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     157      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     158      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     159      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     160      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     161      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     162      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     163      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     164      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     165      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     166      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     167      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     168      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     169      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     170      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     171      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     172      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     173      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     174      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     175      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     176      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     177      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     178      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     179      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     180      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     181      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     182      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     183      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     184      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     185      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     186      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     187      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     188      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     189      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     190      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            48     191      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     192      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     193      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     194      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     195      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     196      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     197      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     198      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     199      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     200      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     201      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     202      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     203      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     204      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     205      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     206      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     207      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     208      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     209      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     210      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     211      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     212      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     213      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     214      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     215      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     216      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     217      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     218      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     219      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     220      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     221      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     222      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     223      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     224      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     225      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     226      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     227      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     228      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     229      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     230      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     231      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     232      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     233      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     234      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     235      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     236      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     237      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     238      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     239      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     240      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     241      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     242      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     243      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     244      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     245      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     246      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     247      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     248      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     249      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     251      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     252      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     253      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     254      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     255      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     256      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     257      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     258      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     259      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     260      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     261      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     262      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     263      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     264      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     265      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     266      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     267      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     268      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     269      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     270      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     271      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     272      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     273      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     274      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     275      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     276      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     277      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             48      357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      384      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      385      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      386      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      387      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      388      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      389      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      390      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      391      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      392      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      393      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      394      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      395      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2a - spalla 1
   BmDistLoadG             49       76      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             49      249      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             49      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2b - campata 1
   BmDistLoadG             50       79      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50       80      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             50      244      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             50      245      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c - sx pila 1
   BmDistLoadG             51       83      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
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   BmDistLoadG             51     239      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             51     288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c' - dx pila 1
   BmDistLoadG             52      84      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             52     238      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             52     289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2d - campata 2
   BmDistLoadG             53      87      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53      88      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     232      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53     233      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     294      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53     295      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e - sx pila 2
   BmDistLoadG             54      91      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             54     227      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             54     300      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e' - dx pila 2
   BmDistLoadG             55      92      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             55     226      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             55     301      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2f - campata 3
   BmDistLoadG             56      95      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56      96      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     220      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     221      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     306      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     307      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g - sx pila 3
   BmDistLoadG             57      99      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             57     215      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             57     312      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g' - dx pila 3
   BmDistLoadG             58     100      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             58     214      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             58     313      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2h - campata 4
   BmDistLoadG             59     105      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     207      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     320      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i - sx pila 4
   BmDistLoadG             60     110      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             60     327      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             60     390      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i' - dx pila 4
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   BmDistLoadG             61     111      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             61     328      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             61     389      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2l - campata 5
   BmDistLoadG             62     116      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     204      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     335      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m - sx pila 5
   BmDistLoadG             63     121      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             63     197      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             63     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m' - dx pila 5
   BmDistLoadG             64     122      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             64     196      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             64     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 2n - campata 6
   BmDistLoadG             65     127      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     189      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o - sx pila 6
   BmDistLoadG             66     132      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             66     182      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             66     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o' - dx pila 6
   BmDistLoadG             67     133      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             67     181      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             67     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2p - campata 7
   BmDistLoadG             68     138      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     174      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q - sx pila 7
   BmDistLoadG             69     143      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             69     167      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             69     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q' - dx pila 7
   BmDistLoadG             70     144      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     164      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2r - campata 8
   BmDistLoadG             71     149      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             71     150      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     160      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     161      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             71     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
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   BmDistLoadG             71     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2s - pila 8
   BmDistLoadG             72     154      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             72     156      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             72     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________________
/ BEAM PROPERTIES

   BeamProp                55   "Traverso appoggio"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 8.24000000000000E-2
     MomentI11            8.62287900000000E-2
     MomentI22            2.28755000000000E-3
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                56   "Traverso campata"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 3.96000000000000E-2
     MomentI11            3.64132900000000E-2
     MomentI22            4.63120000000000E-4
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                58   "FS1 - Trave C1"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 9.27700000000000E-2
     MomentI11            8.72400000000000E-2
     MomentI22            2.23497000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                59   "FS1 - Trave C2"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 9.10500000000000E-2
     MomentI11            9.23600000000000E-2
     MomentI22            2.84167000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                60   "FS1 - Trave C3"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 8.75000000000000E-2
     MomentI11            8.45800000000000E-2
     MomentI22            2.23452000000000E-3
     MomentJ              2.89435300000000E-2
     SectionType        Null
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                61   "FS1 - Trave C4"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+5
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Density              1.41660000000000E+4
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  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.29100000000000E-1
  MomentI11           1.35200000000000E-1
  MomentI22           4.02214000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              62   "FS1 - Trave C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              63   "FS1 - Trave C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.10500000000000E-2
  MomentI11           9.23600000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              64   "FS1 - Trave C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              65   "FS1 - Trave C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.20500000000000E-1
  MomentI11           1.26800000000000E-1
  MomentI22           3.87869000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              66   "FS1 - Trave C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.22200000000000E-2
  MomentI11           8.19100000000000E-2
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              67   "FS1 - Trave C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
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  Area                9.10500000000000E-2
  MomentI11           9.23600000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               68   "FS1 - Trave C11"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.66300000000000E-2
  MomentI11           8.74200000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               69   "FS1 - Trave C12"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.40800000000000E-1
  MomentI11           1.51700000000000E-1
  MomentI22           4.41212000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               70   "FS1 - Trave C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.78700000000000E-2
  MomentI11           1.04900000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               71   "FS1 - Trave C14"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.03300000000000E-1
  MomentI11           1.08200000000000E-1
  MomentI22           3.59208000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               72   "FS1 - Trave C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.78700000000000E-2
  MomentI11           1.04900000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp               73   "FS1 - Trave C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.57300000000000E-1
  MomentI11           1.75700000000000E-1
  MomentI22           4.90626000000000E-3
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  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                74   "FS1 - Trave C17"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                75   "FS1 - Trave C18"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                76   "FS1 - Trave C19"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                77   "FS1 - Trave C20"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.57300000000000E-1
  MomentI11            1.75700000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                78   "FS1 - Trave C21"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                79   "FS1 - Trave C22"
  MaterialName        "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson          TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
```

```
  Hardening          Isotropic

BeamProp               80   "FS1 - Trave C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               81   "FS1 - Trave C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.57300000000000E-1
  MomentI11            1.75700000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               82   "FS1 - Trave C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               83   "FS1 - Trave C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.98700000000000E-2
  MomentI11            1.00800000000000E-1
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               84   "FS1 - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.03100000000000E-1
  MomentI11            1.07500000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               85   "FS1 - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.47500000000000E-1
  MomentI11            1.65600000000000E-1
  MomentI22            4.80158000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               86   "FS1 - Trave C29"
```

```
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.22200000000000E-2
  MomentI11            8.19100000000000E-2
  MomentI22            2.23417000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               87   "FS1 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.75000000000000E-2
  MomentI11            8.45800000000000E-2
  MomentI22            2.23452000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               88   "FS1 - Trave C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.27700000000000E-2
  MomentI11            8.72400000000000E-2
  MomentI22            2.23497000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               89   "FS2 - Trave C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.15700000000000E-1
  MomentI11            1.97800000000000E-1
  MomentI22            4.79612160000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               90   "FS2 - Trave C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.26600000000000E-1
  MomentI11            2.25900000000000E-1
  MomentI22            4.80218860000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               91   "FS2 - Trave C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.23100000000000E-1
  MomentI11            1.96500000000000E-1
  MomentI22            4.79611710000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               92   "FS2 - Trave C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
```

```
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.46400000000000E-1
  MomentI11            2.66900000000000E-1
  MomentI22            4.81399330000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               93   "FS2 - Trave C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.08300000000000E-1
  MomentI11            2.03300000000000E-1
  MomentI22            4.79915110000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               94   "FS2 - Trave C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.12700000000000E-1
  MomentI11            2.20000000000000E-1
  MomentI22            4.80218860000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               95   "FS2 - Trave C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.06900000000000E-1
  MomentI11            2.02700000000000E-1
  MomentI22            4.79915110000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               96   "FS2 - Trave C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.30400000000000E-1
  MomentI11            2.56800000000000E-1
  MomentI22            4.81255880000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               97   "FS2 - Trave C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.03900000000000E-1
  MomentI11            1.85800000000000E-1
  MomentI22            4.79611360000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               98   "FS2 - Trave C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.12700000000000E-1
  MomentI11            2.20000000000000E-1
  MomentI22            4.80218860000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic
```

```
BeamProp               99   "FS2 - Trave C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.08300000000000E-1
  MomentI11            2.03300000000000E-1
  MomentI22            4.79915110000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              100   "FS2 - Trave C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.56100000000000E-1
  MomentI11            2.89800000000000E-1
  MomentI22            4.81789310000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              101   "FS2 - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.32500000000000E-1
  MomentI11            2.27000000000000E-1
  MomentI22            4.80504690000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              102   "FS2 - Trave C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.43100000000000E-1
  MomentI11            2.61400000000000E-1
  MomentI22            4.80969270000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              103   "FS2 - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.37200000000000E-1
  MomentI11            2.28700000000000E-1
  MomentI22            4.80504690000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              104   "FS2 - Trave C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.81400000000000E-1
  MomentI11            3.21100000000000E-1
  MomentI22            4.82283450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              105   "FS2 - Trave C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
```

```
  SpecificHeat          5.00000000000000E+2
  Area                  2.39900000000000E-1
  MomentI11             2.33400000000000E-1
  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                106   "FS2 - Trave C18"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.39700000000000E-1
  MomentI11             2.60500000000000E-1
  MomentI22             4.80826350000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                107   "FS2 - Trave C19"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.41600000000000E-1
  MomentI11             2.34000000000000E-1
  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                108   "FS2 - Trave C20"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.80600000000000E-1
  MomentI11             3.20500000000000E-1
  MomentI22             4.82283450000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                109   "FS2 - Trave C21"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.28500000000000E-1
  MomentI11             2.28600000000000E-1
  MomentI22             4.80505040000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                110   "FS2 - Trave C22"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.26000000000000E-1
  MomentI11             2.53500000000000E-1
  MomentI22             3.54080300000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp                111   "FS2 - Trave C23"
  MaterialName        "Steel - Modified"
  Modulus               2.00000000000000E+5
  ShearMod              8.00000000000000E+4
  Poisson               2.50000000000000E-1
  UsePoisson          TRUE
  Expansion             1.15000000000000E-5
  ThermalCond           5.10000000000000E+1
  SpecificHeat          5.00000000000000E+2
  Area                  2.28500000000000E-1
  MomentI11             2.28600000000000E-1
  MomentI22             3.53758980000000E-1
  MomentJ               1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic
```

```
BeamProp              112   "FS2 - Trave C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.77400000000000E-1
  MomentI11            3.18400000000000E-1
  MomentI22            3.55537400000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              113   "FS2 - Trave C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.28700000000000E-1
  MomentI11            2.28700000000000E-1
  MomentI22            3.53758980000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              114   "FS2 - Trave C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.26000000000000E-1
  MomentI11            2.53500000000000E-1
  MomentI22            3.54080300000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              115   "FS2 - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.27600000000000E-1
  MomentI11            2.28200000000000E-1
  MomentI22            3.53758980000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              116   "FS2 - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.61100000000000E-1
  MomentI11            3.08100000000000E-1
  MomentI22            3.55432720000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              117   "FS2 - Trave C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.02000000000000E-1
  MomentI11            1.85100000000000E-1
  MomentI22            3.02856540000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              118   "FS2 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
```

```
  Area                2.07300000000000E-1
  MomentI11           1.90900000000000E-1
  MomentI22           3.02856890000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              119   "FS2 - Trave C31"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.07000000000000E-1
  MomentI11           1.94200000000000E-1
  MomentI22           3.02857340000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              120   "FS3 - Trave C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.38900000000000E-1
  MomentI11           2.28600000000000E-1
  MomentI22           9.96499630000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              121   "FS3 - Trave C2"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.62700000000000E-1
  MomentI11           2.60000000000000E-1
  MomentI22           9.97106330000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              122   "FS3 - Trave C3"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.59100000000000E-1
  MomentI11           2.24300000000000E-1
  MomentI22           9.96499190000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              123   "FS3 - Trave C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.64000000000000E-1
  MomentI11           3.14200000000000E-1
  MomentI22           9.98286800000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              124   "FS3 - Trave C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.30400000000000E-1
  MomentI11           2.34200000000000E-1
  MomentI22           9.96802580000000E-1
  MomentJ             2.15337640000000E-1
```

```
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              125   "FS3 - Trave C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.34800000000000E-1
  MomentI11           2.55200000000000E-1
  MomentI22           9.97106330000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              126   "FS3 - Trave C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.27600000000000E-1
  MomentI11           2.33700000000000E-1
  MomentI22           9.96802580000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              127   "FS3 - Trave C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.40700000000000E-1
  MomentI11           3.03300000000000E-1
  MomentI22           9.98143360000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              128   "FS3 - Trave C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.26000000000000E-1
  MomentI11           2.12500000000000E-1
  MomentI22           9.96498830000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              129   "FS3 - Trave C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.34800000000000E-1
  MomentI11           2.55200000000000E-1
  MomentI22           9.97106330000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              130   "FS3 - Trave C11"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.17600000000000E-1
  MomentI11           2.11500000000000E-1
  MomentI22           9.96802580000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic
```

```
BeamProp              131   "FS3 - Trave C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.71600000000000E-1
  MomentI11            3.42700000000000E-1
  MomentI22            9.98676780000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              132   "FS3 - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.67600000000000E-1
  MomentI11            2.60100000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              133   "FS3 - Trave C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.83300000000000E-1
  MomentI11            3.03400000000000E-1
  MomentI22            9.97856740000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              134   "FS3 - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.77000000000000E-1
  MomentI11            2.61500000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              135   "FS3 - Trave C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 4.06000000000000E-1
  MomentI11            3.78000000000000E-1
  MomentI22            9.99170920000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              136   "FS3 - Trave C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.77100000000000E-1
  MomentI11            2.68400000000000E-1
  MomentI22            9.97392510000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              137   "FS3 - Trave C18"
  MaterialName       "Steel - Modified"
```

```
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.79900000000000E-1
  MomentI11           3.03100000000000E-1
  MomentI22           9.97713830000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              138   "FS3 - Trave C19"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.80600000000000E-1
  MomentI11           2.69000000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              139   "FS3 - Trave C20"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                4.04200000000000E-1
  MomentI11           3.77400000000000E-1
  MomentI22           9.99170920000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              140   "FS3 - Trave C21"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.54200000000000E-1
  MomentI11           2.64400000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              141   "FS3 - Trave C22"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.52500000000000E-1
  MomentI11           2.97400000000000E-1
  MomentI22           7.33731540000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              142   "FS3 - Trave C23"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.54400000000000E-1
  MomentI11           2.64400000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              143   "FS3 - Trave C24"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.97800000000000E-1
  MomentI11            3.75400000000000E-1
  MomentI22            7.35188640000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               144   "FS3 - Trave C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.54600000000000E-1
  MomentI11            2.64500000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               145   "FS3 - Trave C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52500000000000E-1
  MomentI11            2.97400000000000E-1
  MomentI22            7.33731540000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               146   "FS3 - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52400000000000E-1
  MomentI11            2.64100000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               147   "FS3 - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.75100000000000E-1
  MomentI11            3.64600000000000E-1
  MomentI22            7.35083960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               148   "FS3 - Trave C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.22200000000000E-1
  MomentI11            2.12000000000000E-1
  MomentI22            6.28360020000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               149   "FS3 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
```

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  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.27500000000000E-1
  MomentI11            2.19900000000000E-1
  MomentI22            6.28360380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               150   "FS3 - Trave C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.21500000000000E-1
  MomentI11            2.25600000000000E-1
  MomentI22            6.28360820000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               152   "Fess - Trave C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.37700000000000E-1
  MomentI11            1.52400000000000E-1
  MomentI22            9.98286800000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               155   "Fess - Trave C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.28600000000000E-1
  MomentI11            1.43800000000000E-1
  MomentI22            9.98143360000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               158   "Fess - Trave C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.49300000000000E-1
  MomentI11            1.69100000000000E-1
  MomentI22            9.98676780000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               159   "Fess - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07700000000000E-1
  MomentI11            1.24200000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               160   "Fess - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.08100000000000E-1
```

```
  MomentI11           1.24800000000000E-1
  MomentI22           9.97392160000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              161   "Fess - Trave C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66400000000000E-1
  MomentI11           1.93700000000000E-1
  MomentI22           9.99170920000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              162   "Fess - Trave C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13100000000000E-1
  MomentI11           1.27000000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              163   "Fess - Trave C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13300000000000E-1
  MomentI11           1.27300000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              164   "Fess - Trave C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66400000000000E-1
  MomentI11           1.93600000000000E-1
  MomentI22           9.99170920000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              165   "Fess - Trave C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              166   "Fess - Trave C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
```

```
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              167   "Fess - Trave C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.66100000000000E-1
  MomentI11           1.93200000000000E-1
  MomentI22           7.35188640000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              168   "Fess - Trave C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25600000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              169   "Fess - Trave C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12200000000000E-1
  MomentI11           1.25400000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              170   "Fess - Trave C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.55800000000000E-1
  MomentI11           1.83000000000000E-1
  MomentI22           7.35083960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              172   "FS1 - Centrale C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.90000000000000E-2
  MomentI11           8.53400000000000E-2
  MomentI22           2.23497000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              173   "FS1 - Centrale C2"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.80400000000000E-2
  MomentI11           9.07500000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic
```

```
BeamProp              174   "FS1 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.41000000000000E-2
  MomentI11            8.28600000000000E-2
  MomentI22            2.23452000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              175   "FS1 - Centrale C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.25000000000000E-1
  MomentI11            1.33200000000000E-1
  MomentI22            4.02214000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              176   "FS1 - Centrale C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.36200000000000E-2
  MomentI11            8.58700000000000E-2
  MomentI22            2.53792000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              177   "FS1 - Centrale C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.80400000000000E-2
  MomentI11            9.07500000000000E-2
  MomentI22            2.53792000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              178   "FS1 - Centrale C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 8.36200000000000E-2
  MomentI11            8.58700000000000E-2
  MomentI22            2.53792000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              179   "FS1 - Centrale C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.16800000000000E-1
  MomentI11            1.24900000000000E-1
  MomentI22            2.23417000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              180   "FS1 - Centrale C9"
  MaterialName       "Steel - Modified"
```

```
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                7.92000000000000E-2
  MomentI11           8.03800000000000E-2
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              181   "FS1 - Centrale C10"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.80400000000000E-2
  MomentI11           9.07500000000000E-2
  MomentI22           2.84167000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              182   "FS1 - Centrale C11"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.36200000000000E-2
  MomentI11           8.58700000000000E-2
  MomentI22           2.53792000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              183   "FS1 - Centrale C12"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.36800000000000E-1
  MomentI11           1.49800000000000E-1
  MomentI22           4.41212000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              184   "FS1 - Centrale C13"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                9.48800000000000E-2
  MomentI11           1.03400000000000E-1
  MomentI22           3.12750000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              185   "FS1 - Centrale C14"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00300000000000E-1
  MomentI11           1.06600000000000E-1
  MomentI22           3.59208000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              186   "FS1 - Centrale C15"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.48800000000000E-2
  MomentI11            1.03400000000000E-1
  MomentI22            3.12750000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               187   "FS1 - Centrale C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.53300000000000E-1
  MomentI11            1.73800000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               188   "FS1 - Centrale C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
  MomentI11            1.05800000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               189   "FS1 - Centrale C18"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.68800000000000E-2
  MomentI11            9.90600000000000E-2
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               190   "FS1 - Centrale C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
  MomentI11            1.05800000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               191   "FS1 - Centrale C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.53300000000000E-1
  MomentI11            1.73800000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               192   "FS1 - Centrale C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
```

```
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
  MomentI11            1.05800000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               193   "FS1 - Centrale C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.68800000000000E-2
  MomentI11            9.90600000000000E-2
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               194   "FS1 - Centrale C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
  MomentI11            1.05800000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               195   "FS1 - Centrale C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.53300000000000E-1
  MomentI11            1.73800000000000E-1
  MomentI22            4.90626000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               196   "FS1 - Centrale C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
  MomentI11            1.05800000000000E-1
  MomentI22            3.12785000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               197   "FS1 - Centrale C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.68800000000000E-2
  MomentI11            9.90600000000000E-2
  MomentI22            3.44916000000000E-3
  MomentJ              2.89435300000000E-2
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               198   "FS1 - Centrale C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 9.97400000000000E-2
```

```
  MomentI11           1.05800000000000E-1
  MomentI22           3.12785000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              199   "FS1 - Centrale C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.43800000000000E-1
  MomentI11           1.63800000000000E-1
  MomentI22           4.80158000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              200   "FS1 - Centrale C29"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                7.92000000000000E-2
  MomentI11           8.03800000000000E-2
  MomentI22           2.23417000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              201   "FS1 - Centrale C30"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.41000000000000E-2
  MomentI11           8.28600000000000E-2
  MomentI22           2.23452000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              202   "FS1 - Centrale C31"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.19500000000000E-1
  MomentI11           1.96400000000000E-1
  MomentI22           2.23497000000000E-3
  MomentJ             2.89435300000000E-2
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              203   "FS2 - Centrale C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.88200000000000E-1
  MomentI11           1.83700000000000E-1
  MomentI22           2.05146500000000E-1
  MomentJ             1.93793500000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              204   "FS2 - Centrale C2"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.93100000000000E-1
  MomentI11           2.09100000000000E-1
  MomentI22           2.05753200000000E-1
  MomentJ             1.93793500000000E-1
```

```
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               205   "FS2 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.89200000000000E-1
  MomentI11            1.81500000000000E-1
  MomentI22            2.05146060000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               206   "FS2 - Centrale C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.28000000000000E-1
  MomentI11            2.54700000000000E-1
  MomentI22            2.06933680000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               207   "FS2 - Centrale C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88700000000000E-1
  MomentI11            1.93100000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               208   "FS2 - Centrale C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.93100000000000E-1
  MomentI11            2.09100000000000E-1
  MomentI22            2.05753200000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               209   "FS2 - Centrale C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88400000000000E-1
  MomentI11            1.93000000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               210   "FS2 - Centrale C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.19600000000000E-1
  MomentI11            2.49300000000000E-1
  MomentI22            2.06790230000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic
```

```
BeamProp              211   "FS2 - Centrale C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.84300000000000E-1
  MomentI11            1.76300000000000E-1
  MomentI22            2.05145710000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              212   "FS2 - Centrale C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.93100000000000E-1
  MomentI11            2.09100000000000E-1
  MomentI22            2.05753200000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              213   "FS2 - Centrale C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.88700000000000E-1
  MomentI11            1.93100000000000E-1
  MomentI22            2.05449450000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              214   "FS2 - Centrale C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.41900000000000E-1
  MomentI11            2.79800000000000E-1
  MomentI22            2.07323660000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              215   "FS2 - Centrale C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.00000000000000E-1
  MomentI11            2.11100000000000E-1
  MomentI22            2.06039030000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              216   "FS2 - Centrale C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.05400000000000E-1
  MomentI11            2.40000000000000E-1
  MomentI22            2.06503610000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              217   "FS2 - Centrale C15"
  MaterialName       "Steel - Modified"
```

```
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.00000000000000E-1
  MomentI11           2.11100000000000E-1
  MomentI22           2.06039030000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              218   "FS2 - Centrale C16"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.58400000000000E-1
  MomentI11           3.04700000000000E-1
  MomentI22           2.07817800000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              219   "FS2 - Centrale C17"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              220   "FS2 - Centrale C18"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.02000000000000E-1
  MomentI11           2.38600000000000E-1
  MomentI22           2.06360700000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              221   "FS2 - Centrale C19"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.04800000000000E-1
  MomentI11           2.15700000000000E-1
  MomentI22           2.06039380000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              222   "FS2 - Centrale C20"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.58400000000000E-1
  MomentI11           3.04700000000000E-1
  MomentI22           2.07817800000000E-1
  MomentJ             1.93793500000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              223   "FS2 - Centrale C21"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               224   "FS2 - Centrale C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.02000000000000E-1
  MomentI11            2.38600000000000E-1
  MomentI22            2.06360700000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               225   "FS2 - Centrale C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               226   "FS2 - Centrale C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.58400000000000E-1
  MomentI11            3.04700000000000E-1
  MomentI22            2.05575240000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               227   "FS2 - Centrale C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.07817800000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               228   "FS2 - Centrale C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.02000000000000E-1
  MomentI11            2.38600000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               229   "FS2 - Centrale C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
```

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  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.04800000000000E-1
  MomentI11            2.15700000000000E-1
  MomentI22            2.06360700000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               230   "FS2 - Centrale C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.48900000000000E-1
  MomentI11            2.99100000000000E-1
  MomentI22            2.06039380000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               231   "FS2 - Centrale C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.17900000000000E-1
  MomentI11            1.87600000000000E-1
  MomentI22            4.68924210000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               232   "FS2 - Centrale C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.22800000000000E-1
  MomentI11            1.93500000000000E-1
  MomentI22            4.68924570000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               233   "FS2 - Centrale C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.19500000000000E-1
  MomentI11            1.96400000000000E-1
  MomentI22            4.68925010000000E-1
  MomentJ              1.93793500000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               234   "FS3 - Centrale C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.87700000000000E-1
  MomentI11            2.14600000000000E-1
  MomentI22            4.24852080000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               235   "FS3 - Centrale C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.98600000000000E-1
```

```
  MomentI11           2.44500000000000E-1
  MomentI22           4.25458780000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              236   "FS3 - Centrale C3"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.94600000000000E-1
  MomentI11           2.10100000000000E-1
  MomentI22           4.24851640000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              237   "FS3 - Centrale C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.31300000000000E-1
  MomentI11           3.01000000000000E-1
  MomentI22           4.26639250000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              238   "FS3 - Centrale C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.94200000000000E-1
  MomentI11           2.24100000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              239   "FS3 - Centrale C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.98600000000000E-1
  MomentI11           2.44500000000000E-1
  MomentI22           4.25458780000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              240   "FS3 - Centrale C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.93600000000000E-1
  MomentI11           2.24000000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              241   "FS3 - Centrale C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.22800000000000E-1
  MomentI11           2.94800000000000E-1
  MomentI22           4.26495810000000E-1
  MomentJ             2.15337640000000E-1
```

```
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              242   "FS3 - Centrale C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.89700000000000E-1
  MomentI11           2.03000000000000E-1
  MomentI22           4.24851290000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              243   "FS3 - Centrale C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.98600000000000E-1
  MomentI11           2.44500000000000E-1
  MomentI22           4.25458780000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              244   "FS3 - Centrale C11"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.94200000000000E-1
  MomentI11           2.24100000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              245   "FS3 - Centrale C12"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.47300000000000E-1
  MomentI11           3.31400000000000E-1
  MomentI22           4.27029240000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              246   "FS3 - Centrale C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.05400000000000E-1
  MomentI11           2.45100000000000E-1
  MomentI22           4.25744610000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              247   "FS3 - Centrale C14"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10800000000000E-1
  MomentI11           2.83600000000000E-1
  MomentI22           4.26209190000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic
```

```
BeamProp              248   "FS3 - Centrale C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.05400000000000E-1
  MomentI11            2.45100000000000E-1
  MomentI22            4.25744610000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              249   "FS3 - Centrale C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.63800000000000E-1
  MomentI11            3.60400000000000E-1
  MomentI22            4.27523380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              250   "FS3 - Centrale C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              251   "FS3 - Centrale C18"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.07400000000000E-1
  MomentI11            2.83100000000000E-1
  MomentI22            4.26066280000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              252   "FS3 - Centrale C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              253   "FS3 - Centrale C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.63800000000000E-1
  MomentI11            3.60400000000000E-1
  MomentI22            4.27523380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              254   "FS3 - Centrale C21"
  MaterialName       "Steel - Modified"
```

```
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              255   "FS3 - Centrale C22"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.07400000000000E-1
  MomentI11           2.83100000000000E-1
  MomentI22           4.26066280000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              256   "FS3 - Centrale C23"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              257   "FS3 - Centrale C24"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.63800000000000E-1
  MomentI11           3.60400000000000E-1
  MomentI22           4.27523380000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              258   "FS3 - Centrale C25"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              259   "FS3 - Centrale C26"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.07400000000000E-1
  MomentI11           2.83100000000000E-1
  MomentI22           4.26066280000000E-1
  MomentJ             2.15337640000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              260   "FS3 - Centrale C27"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               261   "FS3 - Centrale C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.54300000000000E-1
  MomentI11            3.54500000000000E-1
  MomentI22            4.27418700000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               263   "FS3 - Centrale C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.62000000000000E-1
  MomentI11            2.19800000000000E-1
  MomentI22            9.74240370000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               264   "FS3 - Centrale C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.50400000000000E-1
  MomentI11            2.25300000000000E-1
  MomentI22            9.74240810000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               266   "Fess - centrale - C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.32600000000000E-1
  MomentI11            1.48500000000000E-1
  MomentI22            4.26639250000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               269   "Fess - centrale - C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.24300000000000E-1
  MomentI11            1.41000000000000E-1
  MomentI22            4.26495810000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               272   "Fess - centrale - C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
```

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  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.44500000000000E-1
  MomentI11            1.65700000000000E-1
  MomentI22            4.27029240000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               273   "Fess - centrale - C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.02600000000000E-1
  MomentI11            1.18800000000000E-1
  MomentI22            4.25744610000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               274   "Fess - centrale - C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.02600000000000E-1
  MomentI11            1.18800000000000E-1
  MomentI22            4.25744610000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               275   "Fess - centrale - C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.61000000000000E-1
  MomentI11            1.89200000000000E-1
  MomentI22            4.27523380000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               276   "Fess - centrale - C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               277   "Fess - centrale - C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.15337640000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               278   "Fess - centrale - C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.61000000000000E-1
```

```
  MomentI11           1.89200000000000E-1
  MomentI22           4.27523380000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              279   "Fess - centrale - C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.07400000000000E-1
  MomentI11           1.21200000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              280   "Fess - centrale - C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.07400000000000E-1
  MomentI11           1.21200000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              281   "Fess - centrale - C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.61000000000000E-1
  MomentI11           1.89200000000000E-1
  MomentI22           4.27523380000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              282   "Fess - centrale - C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.07400000000000E-1
  MomentI11           1.21200000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              283   "Fess - centrale - C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.07400000000000E-1
  MomentI11           1.21200000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.15337640000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              284   "Fess - centrale - C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.51500000000000E-1
  MomentI11           1.80000000000000E-1
  MomentI22           4.27418700000000E-1
  MomentJ             2.15337640000000E-1
```

```
      SectionType        Null
      NonLinType         Elasticplastic
      Hardening          Isotropic

   BeamProp               285   "Fess - centrale - C29"
      MaterialName       "Steel - Modified"
      Modulus              2.00000000000000E+5
      ShearMod             8.00000000000000E+4
      Poisson              2.50000000000000E-1
      UsePoisson         TRUE
      Density              9.44400000000000E+3
      Expansion            1.15000000000000E-5
      ThermalCond          5.10000000000000E+1
      SpecificHeat         5.00000000000000E+2
      Area                 8.93600000000000E-2
      MomentI11            9.94700000000000E-2
      MomentI22            9.74240010000000E-1
      MomentJ              2.15337640000000E-1
      SectionType        Null
      NonLinType         Elasticplastic
      Hardening          Isotropic

   BeamProp               287   "FS3 - Centrale C29"
      MaterialName       "Steel - Modified"
      Modulus              2.00000000000000E+5
      ShearMod             8.00000000000000E+4
      Poisson              2.50000000000000E-1
      UsePoisson         TRUE
      Density              9.44400000000000E+3
      Expansion            1.15000000000000E-5
      ThermalCond          5.10000000000000E+1
      SpecificHeat         5.00000000000000E+2
      Area                 3.57100000000000E-1
      MomentI11            2.12000000000000E-1
      MomentI22            9.74240010000000E-1
      MomentJ              2.15337640000000E-1
      SectionType        Null
      NonLinType         Elasticplastic
      Hardening          Isotropic


/ ____________________________________________________________________________
/ SPECTRAL RESPONSE SOLVER DATA

   SpectralDirectionVector   "Spettro SLV - dir. X"
      1     1.00000000000000E+0      0.00000000000000E+0      0.00000000000000E+0

   SpectralDirectionVector   "Spettro SLV - dir. Y"
      1     0.00000000000000E+0      1.00000000000000E+0      0.00000000000000E+0

   SpectralDirectionVector   "Spettro SLV - dir. Z"
      2     0.00000000000000E+0      0.00000000000000E+0      1.00000000000000E+0
```

4 MODELLO FEM EST1_SISMICA.ST7

4.1 BILL OF QUANTITIES

Model: Modello FEM_EST1_SISMICA

Bill of materials

Selected groups:
Model
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso appoggio
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Traverso campata
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Appoggi
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Layer Trave centrale
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave esterna
Model\AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"\Trave interna

Included mass:
Structural Mass

	Mass kg	Volume m^3	Length m	Area m^2	Count	Materi...	Type	Section
Grand total:	0,000	1584,252	1951,953					
Beam properties:								
1: Nodo beam	0,000	2,159	68,711		40		Beam	Solid Round
54: Pila	0,000	1272,000	106,000		8		Beam	Solid Rectangle
55: Traverso appoggio	0,000	7,942	96,378		18		Beam	
56: Traverso campata	0,000	27,569	696,193		136		Beam	
120: FS3 - Trave C1	0,000	6,439	19,000		6		Beam	
121: FS3 - Trave C2	0,000	7,983	22,011		6		Beam	
122: FS3 - Trave C3	0,000	6,823	19,000		6		Beam	
124: FS3 - Trave C5	0,000	4,626	14,000		4		Beam	
125: FS3 - Trave C6	0,000	7,369	22,012		8		Beam	
126: FS3 - Trave C7	0,000	4,586	14,000		4		Beam	
128: FS3 - Trave C9	0,000	4,564	14,000		4		Beam	
129: FS3 - Trave C10	0,000	6,030	18,011		6		Beam	
130: FS3 - Trave C11	0,000	5,082	16,000		6		Beam	
132: FS3 - Trave C13	0,000	5,846	15,904		4		Beam	
133: FS3 - Trave C14	0,000	10,743	28,027		10		Beam	
134: FS3 - Trave C15	0,000	7,917	21,000		6		Beam	
136: FS3 - Trave C17	0,000	5,998	15,905		4		Beam	
137: FS3 - Trave C18	0,000	10,646	28,024		10		Beam	
138: FS3 - Trave C19	0,000	6,053	15,905		4		Beam	
140: FS3 - Trave C21	0,000	5,634	15,906		4		Beam	
141: FS3 - Trave C22	0,000	9,876	28,018		10		Beam	
142: FS3 - Trave C23	0,000	5,637	15,906		4		Beam	
144: FS3 - Trave C25	0,000	5,641	15,909		4		Beam	
145: FS3 - Trave C26	0,000	9,871	28,003		10		Beam	
146: FS3 - Trave C27	0,000	5,606	15,909		4		Beam	
148: FS3 - Trave C29	0,000	5,793	17,981		6		Beam	
149: FS3 - Trave C30	0,000	7,274	22,212		6		Beam	
150: FS3 - Trave C31	0,000	6,496	20,205		6		Beam	
152: Fess - Trave C4	0,000	2,686	20,000		8		Beam	
155: Fess - Trave C8	0,000	2,572	20,000		8		Beam	
158: Fess - Trave C12	0,000	3,583	23,999		8		Beam	
159: Fess - Trave C13	0,000	0,549	5,097		2		Beam	
161: Fess - Trave C16	0,000	3,713	24,000		8		Beam	
162: Fess - Trave C17	0,000	0,576	5,095		2		Beam	
163: Fess - Trave C19	0,000	0,577	5,095		2		Beam	
164: Fess - Trave C20	0,000	3,710	24,000		8		Beam	
165: Fess - Trave C21	0,000	0,572	5,094		2		Beam	
166: Fess - Trave C23	0,000	0,572	5,094		2		Beam	
167: Fess - Trave C24	0,000	3,706	24,000		8		Beam	
168: Fess - Trave C25	0,000	0,572	5,091		2		Beam	
169: Fess - Trave C27	0,000	0,571	5,091		2		Beam	
170: Fess - Trave C28	0,000	3,176	22,058		8		Beam	
234: FS3 - Centrale C1	0,000	2,733	9,500		3		Beam	
235: FS3 - Centrale C2	0,000	3,286	11,006		3		Beam	
236: FS3 - Centrale C3	0,000	2,799	9,500		3		Beam	

238: FS3 - Centrale C5	0,000	2,059	7,000	2	Beam
239: FS3 - Centrale C6	0,000	3,286	11,006	4	Beam
240: FS3 - Centrale C7	0,000	2,055	7,000	2	Beam
242: FS3 - Centrale C9	0,000	2,028	7,000	2	Beam
243: FS3 - Centrale C10	0,000	2,689	9,006	3	Beam
244: FS3 - Centrale C11	0,000	2,354	8,000	3	Beam
246: FS3 - Centrale C13	0,000	2,429	7,952	2	Beam
247: FS3 - Centrale C14	0,000	4,355	14,014	5	Beam
248: FS3 - Centrale C15	0,000	3,397	11,124	4	Beam
250: FS3 - Centrale C17	0,000	2,468	7,952	2	Beam
251: FS3 - Centrale C18	0,000	4,307	14,012	5	Beam
252: FS3 - Centrale C19	0,000	2,468	7,952	2	Beam
254: FS3 - Centrale C21	0,000	2,468	7,953	2	Beam
255: FS3 - Centrale C22	0,000	4,306	14,009	5	Beam
256: FS3 - Centrale C23	0,000	2,468	7,953	2	Beam
258: FS3 - Centrale C25	0,000	2,468	7,954	2	Beam
259: FS3 - Centrale C26	0,000	4,304	14,001	5	Beam
260: FS3 - Centrale C27	0,000	2,468	7,954	2	Beam
263: FS3 - Centrale C30	0,000	4,001	11,051	3	Beam
264: FS3 - Centrale C31	0,000	3,504	10,000	3	Beam
266: Fess - centrale - C4	0,000	1,292	10,000	4	Beam
269: Fess - centrale - C8	0,000	1,165	9,376	3	Beam
272: Fess - centrale - C12	0,000	1,734	12,000	4	Beam
273: Fess - centrale - C13	0,000	0,261	2,548	1	Beam
275: Fess - centrale - C16	0,000	1,790	12,000	4	Beam
276: Fess - centrale - C17	0,000	0,274	2,548	1	Beam
277: Fess - centrale - C19	0,000	0,274	2,548	1	Beam
278: Fess - centrale - C20	0,000	1,790	12,000	4	Beam
279: Fess - centrale - C21	0,000	0,274	2,547	1	Beam
280: Fess - centrale - C23	0,000	0,274	2,547	1	Beam
281: Fess - centrale - C24	0,000	1,790	12,000	4	Beam
282: Fess - centrale - C25	0,000	0,273	2,546	1	Beam
283: Fess - centrale - C27	0,000	0,273	2,546	1	Beam
284: Fess - centrale - C28	0,000	1,541	11,029	4	Beam
287: FS3 - Centrale C29	0,000	3,203	8,971	3	Beam
Total	0,000	1584,252	1951,953	520	

Centre of mass

	Mass kg	CM(X... m	CM(Y... m	CM(Z) m
AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"	0,000			
Layer Appoggi	0,000			
Layer Trave centrale	0,000			
Layer Traverso appoggio	0,000			
Layer Traverso campata	0,000			
Model	0,000			
Trave esterna	0,000			
Trave interna	0,000			
Total:	0,000			

Local inertia

	Ixx kg.m^2	Iyy kg.m^2	Izz kg.m^2	Ixy kg.m^2	Iyz kg.m^2	Izx kg.m^2
AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso appoggio	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso campata	0,000	0,000	0,000	0,000	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	0,000	0,000	0,000	0,000	0,000	0,000
Trave interna	0,000	0,000	0,000	0,000	0,000	0,000
Total:	0,000	0,000	0,000	0,000	0,000	0,000

Global inertia

	IXX kg.m^2	IYY kg.m^2	IZZ kg.m^2	IXY kg.m^2	IYZ kg.m^2	IZX kg.m^2
AutoCAD import: "Viadotto EST1_schema per straus - fili.dxf"	0,000	0,000	0,000	0,000	0,000	0,000
Layer Appoggi	0,000	0,000	0,000	0,000	0,000	0,000
Layer Trave centrale	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso appoggio	0,000	0,000	0,000	0,000	0,000	0,000
Layer Traverso campata	0,000	0,000	0,000	0,000	0,000	0,000
Model	0,000	0,000	0,000	0,000	0,000	0,000
Trave esterna	0,000	0,000	0,000	0,000	0,000	0,000
Trave interna	0,000	0,000	0,000	0,000	0,000	0,000
Total:	0,000	0,000	0,000	0,000	0,000	0,000

4.2 ELEMENT PROPERTIES SUMMARY

Model: Modello FEM_EST1_SISMICA

Beam: Structural

	Material	E MPa	G MPa	ν ...	ρ Mass/Lengt... kg/m ...	C	ξ	α /C	NonLinear	Hardening
1: Nodo beam	Steel - Modified	20000000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
54: Pila	Concrete: Compressive Strength fc = 40 MPa - Modified	34290,000	14288,000	0,200	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
55: Traverso appoggio	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
56: Traverso campata	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
120: FS3 - Trave C1	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
121: FS3 - Trave C2	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
122: FS3 - Trave C3	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
124: FS3 - Trave C5	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
125: FS3 - Trave C6	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
126: FS3 - Trave C7	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
128: FS3 - Trave C9	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
129: FS3 - Trave C10	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
130: FS3 - Trave C11	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
132: FS3 - Trave C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
133: FS3 - Trave C14	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
134: FS3 - Trave C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
136: FS3 - Trave C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
137: FS3 - Trave C18	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
138: FS3 - Trave C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
140: FS3 - Trave C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
141: FS3 - Trave C22	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
142: FS3 - Trave C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
144: FS3 - Trave C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
145: FS3 - Trave C26	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
146: FS3 - Trave C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
148: FS3 - Trave C29	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
149: FS3 - Trave C30	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
150: FS3 - Trave C31	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
152: Fess - Trave C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
155: Fess - Trave C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
158: Fess - Trave C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
159: Fess - Trave C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
161: Fess - Trave C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
162: Fess - Trave C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
163: Fess - Trave C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
164: Fess - Trave C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
165: Fess - Trave C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
166: Fess - Trave C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic

167: Fess - Trave C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
168: Fess - Trave C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
169: Fess - Trave C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
170: Fess - Trave C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
234: FS3 - Centrale C1	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
235: FS3 - Centrale C2	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
236: FS3 - Centrale C3	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
238: FS3 - Centrale C5	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
239: FS3 - Centrale C6	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
240: FS3 - Centrale C7	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
242: FS3 - Centrale C9	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
243: FS3 - Centrale C10	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
244: FS3 - Centrale C11	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
246: FS3 - Centrale C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
247: FS3 - Centrale C14	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
248: FS3 - Centrale C15	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
250: FS3 - Centrale C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
251: FS3 - Centrale C18	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
252: FS3 - Centrale C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
254: FS3 - Centrale C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
255: FS3 - Centrale C22	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
256: FS3 - Centrale C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
258: FS3 - Centrale C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
259: FS3 - Centrale C26	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
260: FS3 - Centrale C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
263: FS3 - Centrale C30	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
264: FS3 - Centrale C31	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
266: Fess - centrale - C4	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
269: Fess - centrale - C8	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
272: Fess - centrale - C12	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
273: Fess - centrale - C13	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
275: Fess - centrale - C16	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
276: Fess - centrale - C17	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
277: Fess - centrale - C19	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
278: Fess - centrale - C20	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
279: Fess - centrale - C21	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
280: Fess - centrale - C23	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
281: Fess - centrale - C24	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
282: Fess - centrale - C25	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
283: Fess - centrale - C27	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
284: Fess - centrale - C28	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic
287: FS3 - Centrale C29	Steel - Modified	200000,000	80000,000	0,250	0,000	0,000	0,000	0,000	0,000	ElastoPlastic	Isotropic

Beam: Heat transfer

	Material	ρ ...	Cp J/kg/C	κ J/s/m...
1: Nodo beam	Steel - Modified	0,000	500,000	51,000
54: Pila	Concrete: Compressive Strength fc = 40 MPa - Modified	0,000	880,000	1,370
55: Traverso appoggio	Steel - Modified	0,000	500,000	51,000
56: Traverso campata	Steel - Modified	0,000	500,000	51,000
120: FS3 - Trave C1	Steel - Modified	0,000	500,000	51,000
121: FS3 - Trave C2	Steel - Modified	0,000	500,000	51,000
122: FS3 - Trave C3	Steel - Modified	0,000	500,000	51,000
124: FS3 - Trave C5	Steel - Modified	0,000	500,000	51,000
125: FS3 - Trave C6	Steel - Modified	0,000	500,000	51,000
126: FS3 - Trave C7	Steel - Modified	0,000	500,000	51,000
128: FS3 - Trave C9	Steel - Modified	0,000	500,000	51,000
129: FS3 - Trave C10	Steel - Modified	0,000	500,000	51,000
130: FS3 - Trave C11	Steel - Modified	0,000	500,000	51,000
132: FS3 - Trave C13	Steel - Modified	0,000	500,000	51,000
133: FS3 - Trave C14	Steel - Modified	0,000	500,000	51,000
134: FS3 - Trave C15	Steel - Modified	0,000	500,000	51,000
136: FS3 - Trave C17	Steel - Modified	0,000	500,000	51,000
137: FS3 - Trave C18	Steel - Modified	0,000	500,000	51,000
138: FS3 - Trave C19	Steel - Modified	0,000	500,000	51,000
140: FS3 - Trave C21	Steel - Modified	0,000	500,000	51,000
141: FS3 - Trave C22	Steel - Modified	0,000	500,000	51,000
142: FS3 - Trave C23	Steel - Modified	0,000	500,000	51,000
144: FS3 - Trave C25	Steel - Modified	0,000	500,000	51,000
145: FS3 - Trave C26	Steel - Modified	0,000	500,000	51,000
146: FS3 - Trave C27	Steel - Modified	0,000	500,000	51,000
148: FS3 - Trave C29	Steel - Modified	0,000	500,000	51,000
149: FS3 - Trave C30	Steel - Modified	0,000	500,000	51,000
150: FS3 - Trave C31	Steel - Modified	0,000	500,000	51,000
152: Fess - Trave C4	Steel - Modified	0,000	500,000	51,000
155: Fess - Trave C8	Steel - Modified	0,000	500,000	51,000
158: Fess - Trave C12	Steel - Modified	0,000	500,000	51,000
159: Fess - Trave C13	Steel - Modified	0,000	500,000	51,000
161: Fess - Trave C16	Steel - Modified	0,000	500,000	51,000
162: Fess - Trave C17	Steel - Modified	0,000	500,000	51,000
163: Fess - Trave C19	Steel - Modified	0,000	500,000	51,000
164: Fess - Trave C20	Steel - Modified	0,000	500,000	51,000
165: Fess - Trave C21	Steel - Modified	0,000	500,000	51,000
166: Fess - Trave C23	Steel - Modified	0,000	500,000	51,000
167: Fess - Trave C24	Steel - Modified	0,000	500,000	51,000
168: Fess - Trave C25	Steel - Modified	0,000	500,000	51,000
169: Fess - Trave C27	Steel - Modified	0,000	500,000	51,000
170: Fess - Trave C28	Steel - Modified	0,000	500,000	51,000

234: FS3 - Centrale C1	Steel - Modified	0,000	500,000	51,000
235: FS3 - Centrale C2	Steel - Modified	0,000	500,000	51,000
236: FS3 - Centrale C3	Steel - Modified	0,000	500,000	51,000
238: FS3 - Centrale C5	Steel - Modified	0,000	500,000	51,000
239: FS3 - Centrale C6	Steel - Modified	0,000	500,000	51,000
240: FS3 - Centrale C7	Steel - Modified	0,000	500,000	51,000
242: FS3 - Centrale C9	Steel - Modified	0,000	500,000	51,000
243: FS3 - Centrale C10	Steel - Modified	0,000	500,000	51,000
244: FS3 - Centrale C11	Steel - Modified	0,000	500,000	51,000
246: FS3 - Centrale C13	Steel - Modified	0,000	500,000	51,000
247: FS3 - Centrale C14	Steel - Modified	0,000	500,000	51,000
248: FS3 - Centrale C15	Steel - Modified	0,000	500,000	51,000
250: FS3 - Centrale C17	Steel - Modified	0,000	500,000	51,000
251: FS3 - Centrale C18	Steel - Modified	0,000	500,000	51,000
252: FS3 - Centrale C19	Steel - Modified	0,000	500,000	51,000
254: FS3 - Centrale C21	Steel - Modified	0,000	500,000	51,000
255: FS3 - Centrale C22	Steel - Modified	0,000	500,000	51,000
256: FS3 - Centrale C23	Steel - Modified	0,000	500,000	51,000
258: FS3 - Centrale C25	Steel - Modified	0,000	500,000	51,000
259: FS3 - Centrale C26	Steel - Modified	0,000	500,000	51,000
260: FS3 - Centrale C27	Steel - Modified	0,000	500,000	51,000
263: FS3 - Centrale C30	Steel - Modified	0,000	500,000	51,000
264: FS3 - Centrale C31	Steel - Modified	0,000	500,000	51,000
266: Fess - centrale - C4	Steel - Modified	0,000	500,000	51,000
269: Fess - centrale - C8	Steel - Modified	0,000	500,000	51,000
272: Fess - centrale - C12	Steel - Modified	0,000	500,000	51,000
273: Fess - centrale - C13	Steel - Modified	0,000	500,000	51,000
275: Fess - centrale - C16	Steel - Modified	0,000	500,000	51,000
276: Fess - centrale - C17	Steel - Modified	0,000	500,000	51,000
277: Fess - centrale - C19	Steel - Modified	0,000	500,000	51,000
278: Fess - centrale - C20	Steel - Modified	0,000	500,000	51,000
279: Fess - centrale - C21	Steel - Modified	0,000	500,000	51,000
280: Fess - centrale - C23	Steel - Modified	0,000	500,000	51,000
281: Fess - centrale - C24	Steel - Modified	0,000	500,000	51,000
282: Fess - centrale - C25	Steel - Modified	0,000	500,000	51,000
283: Fess - centrale - C27	Steel - Modified	0,000	500,000	51,000
284: Fess - centrale - C28	Steel - Modified	0,000	500,000	51,000
287: FS3 - Centrale C29	Steel - Modified	0,000	500,000	51,000

Beam: Sections

	Section	Section Type	Area m^2	I11 m^4	I22 m^4	J m^4	SL1 m	SL2 m	SA1 m^2	SA2 m^2
1: Nodo beam	Solid Round	Solid Round	0,031	0,000	0,000	0,000	0,000	0,000	0,028	0,028
54: Pila	Solid Rectangle	Solid Rectangle	12,000	36,000	4,000	12,639	0,000	0,000	0,000	0,000
55: Traverso appoggio	Undefined Section	Undefined Section	0,082	0,086	0,002	0,000	0,000	0,000	0,000	0,000

56: Traverso campata	Undefined Section	Undefined Section	0,040	0,036	0,000	0,000	0,000	0,000	0,000	0,000
120: FS3 - Trave C1	Undefined Section	Undefined Section	0,339	0,229	0,996	0,233	0,000	0,000	0,000	0,000
121: FS3 - Trave C2	Undefined Section	Undefined Section	0,363	0,260	0,997	0,233	0,000	0,000	0,000	0,000
122: FS3 - Trave C3	Undefined Section	Undefined Section	0,359	0,224	0,996	0,233	0,000	0,000	0,000	0,000
124: FS3 - Trave C5	Undefined Section	Undefined Section	0,330	0,234	0,997	0,233	0,000	0,000	0,000	0,000
125: FS3 - Trave C6	Undefined Section	Undefined Section	0,335	0,255	0,997	0,233	0,000	0,000	0,000	0,000
126: FS3 - Trave C7	Undefined Section	Undefined Section	0,328	0,234	0,997	0,233	0,000	0,000	0,000	0,000
128: FS3 - Trave C9	Undefined Section	Undefined Section	0,326	0,212	0,996	0,233	0,000	0,000	0,000	0,000
129: FS3 - Trave C10	Undefined Section	Undefined Section	0,335	0,255	0,997	0,233	0,000	0,000	0,000	0,000
130: FS3 - Trave C11	Undefined Section	Undefined Section	0,318	0,211	0,997	0,233	0,000	0,000	0,000	0,000
132: FS3 - Trave C13	Undefined Section	Undefined Section	0,368	0,260	0,997	0,233	0,000	0,000	0,000	0,000
133: FS3 - Trave C14	Undefined Section	Undefined Section	0,383	0,303	0,998	0,233	0,000	0,000	0,000	0,000
134: FS3 - Trave C15	Undefined Section	Undefined Section	0,377	0,262	0,997	0,233	0,000	0,000	0,000	0,000
136: FS3 - Trave C17	Undefined Section	Undefined Section	0,377	0,268	0,997	0,233	0,000	0,000	0,000	0,000
137: FS3 - Trave C18	Undefined Section	Undefined Section	0,380	0,303	0,998	0,233	0,000	0,000	0,000	0,000
138: FS3 - Trave C19	Undefined Section	Undefined Section	0,381	0,269	0,997	0,233	0,000	0,000	0,000	0,000
140: FS3 - Trave C21	Undefined Section	Undefined Section	0,354	0,264	0,997	0,233	0,000	0,000	0,000	0,000
141: FS3 - Trave C22	Undefined Section	Undefined Section	0,352	0,297	0,734	0,233	0,000	0,000	0,000	0,000
142: FS3 - Trave C23	Undefined Section	Undefined Section	0,354	0,264	0,733	0,233	0,000	0,000	0,000	0,000
144: FS3 - Trave C25	Undefined Section	Undefined Section	0,355	0,265	0,733	0,233	0,000	0,000	0,000	0,000
145: FS3 - Trave C26	Undefined Section	Undefined Section	0,352	0,297	0,734	0,233	0,000	0,000	0,000	0,000
146: FS3 - Trave C27	Undefined Section	Undefined Section	0,352	0,264	0,733	0,233	0,000	0,000	0,000	0,000
148: FS3 - Trave C29	Undefined Section	Undefined Section	0,322	0,212	0,628	0,233	0,000	0,000	0,000	0,000
149: FS3 - Trave C30	Undefined Section	Undefined Section	0,328	0,220	0,628	0,233	0,000	0,000	0,000	0,000
150: FS3 - Trave C31	Undefined Section	Undefined Section	0,322	0,226	0,628	0,233	0,000	0,000	0,000	0,000
152: Fess - Trave C4	Undefined Section	Undefined Section	0,134	0,147	0,998	0,233	0,000	0,000	0,000	0,000
155: Fess - Trave C8	Undefined Section	Undefined Section	0,129	0,144	0,998	0,233	0,000	0,000	0,000	0,000
158: Fess - Trave C12	Undefined Section	Undefined Section	0,149	0,169	0,999	0,233	0,000	0,000	0,000	0,000
159: Fess - Trave C13	Undefined Section	Undefined Section	0,108	0,124	0,997	0,233	0,000	0,000	0,000	0,000
161: Fess - Trave C16	Undefined Section	Undefined Section	0,155	0,177	0,999	0,233	0,000	0,000	0,000	0,000
162: Fess - Trave C17	Undefined Section	Undefined Section	0,113	0,127	0,997	0,233	0,000	0,000	0,000	0,000
163: Fess - Trave C19	Undefined Section	Undefined Section	0,113	0,127	0,997	0,233	0,000	0,000	0,000	0,000
164: Fess - Trave C20	Undefined Section	Undefined Section	0,155	0,177	0,999	0,233	0,000	0,000	0,000	0,000
165: Fess - Trave C21	Undefined Section	Undefined Section	0,112	0,126	0,997	0,233	0,000	0,000	0,000	0,000
166: Fess - Trave C23	Undefined Section	Undefined Section	0,112	0,126	0,733	0,233	0,000	0,000	0,000	0,000
167: Fess - Trave C24	Undefined Section	Undefined Section	0,154	0,176	0,735	0,233	0,000	0,000	0,000	0,000
168: Fess - Trave C25	Undefined Section	Undefined Section	0,112	0,126	0,733	0,233	0,000	0,000	0,000	0,000
169: Fess - Trave C27	Undefined Section	Undefined Section	0,112	0,125	0,733	0,233	0,000	0,000	0,000	0,000
170: Fess - Trave C28	Undefined Section	Undefined Section	0,144	0,166	0,735	0,233	0,000	0,000	0,000	0,000
234: FS3 - Centrale C1	Undefined Section	Undefined Section	0,288	0,215	0,425	0,233	0,000	0,000	0,000	0,000
235: FS3 - Centrale C2	Undefined Section	Undefined Section	0,299	0,244	0,425	0,233	0,000	0,000	0,000	0,000
236: FS3 - Centrale C3	Undefined Section	Undefined Section	0,295	0,210	0,425	0,233	0,000	0,000	0,000	0,000
238: FS3 - Centrale C5	Undefined Section	Undefined Section	0,294	0,224	0,425	0,233	0,000	0,000	0,000	0,000
239: FS3 - Centrale C6	Undefined Section	Undefined Section	0,299	0,244	0,425	0,233	0,000	0,000	0,000	0,000
240: FS3 - Centrale C7	Undefined Section	Undefined Section	0,294	0,224	0,425	0,233	0,000	0,000	0,000	0,000
242: FS3 - Centrale C9	Undefined Section	Undefined Section	0,290	0,203	0,425	0,233	0,000	0,000	0,000	0,000
243: FS3 - Centrale C10	Undefined Section	Undefined Section	0,299	0,244	0,425	0,233	0,000	0,000	0,000	0,000

244: FS3 - Centrale C11	Undefined Section	Undefined Section	0,294	0,224	0,425	0,233	0,000	0,000	0,000	0,000
246: FS3 - Centrale C13	Undefined Section	Undefined Section	0,305	0,245	0,426	0,233	0,000	0,000	0,000	0,000
247: FS3 - Centrale C14	Undefined Section	Undefined Section	0,311	0,284	0,426	0,233	0,000	0,000	0,000	0,000
248: FS3 - Centrale C15	Undefined Section	Undefined Section	0,305	0,245	0,426	0,233	0,000	0,000	0,000	0,000
250: FS3 - Centrale C17	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
251: FS3 - Centrale C18	Undefined Section	Undefined Section	0,307	0,283	0,426	0,233	0,000	0,000	0,000	0,000
252: FS3 - Centrale C19	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
254: FS3 - Centrale C21	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
255: FS3 - Centrale C22	Undefined Section	Undefined Section	0,307	0,283	0,426	0,233	0,000	0,000	0,000	0,000
256: FS3 - Centrale C23	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
258: FS3 - Centrale C25	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
259: FS3 - Centrale C26	Undefined Section	Undefined Section	0,307	0,283	0,426	0,233	0,000	0,000	0,000	0,000
260: FS3 - Centrale C27	Undefined Section	Undefined Section	0,310	0,252	0,426	0,233	0,000	0,000	0,000	0,000
263: FS3 - Centrale C30	Undefined Section	Undefined Section	0,362	0,220	0,974	0,233	0,000	0,000	0,000	0,000
264: FS3 - Centrale C31	Undefined Section	Undefined Section	0,350	0,225	0,974	0,233	0,000	0,000	0,000	0,000
266: Fess - centrale - C4	Undefined Section	Undefined Section	0,129	0,143	0,426	0,233	0,000	0,000	0,000	0,000
269: Fess - centrale - C8	Undefined Section	Undefined Section	0,124	0,141	0,426	0,233	0,000	0,000	0,000	0,000
272: Fess - centrale - C12	Undefined Section	Undefined Section	0,144	0,166	0,427	0,233	0,000	0,000	0,000	0,000
273: Fess - centrale - C13	Undefined Section	Undefined Section	0,103	0,119	0,426	0,233	0,000	0,000	0,000	0,000
275: Fess - centrale - C16	Undefined Section	Undefined Section	0,149	0,172	0,427	0,233	0,000	0,000	0,000	0,000
276: Fess - centrale - C17	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
277: Fess - centrale - C19	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
278: Fess - centrale - C20	Undefined Section	Undefined Section	0,149	0,172	0,427	0,233	0,000	0,000	0,000	0,000
279: Fess - centrale - C21	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
280: Fess - centrale - C23	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
281: Fess - centrale - C24	Undefined Section	Undefined Section	0,149	0,172	0,427	0,233	0,000	0,000	0,000	0,000
282: Fess - centrale - C25	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
283: Fess - centrale - C27	Undefined Section	Undefined Section	0,107	0,121	0,426	0,233	0,000	0,000	0,000	0,000
284: Fess - centrale - C28	Undefined Section	Undefined Section	0,140	0,163	0,427	0,233	0,000	0,000	0,000	0,000
287: FS3 - Centrale C29	Undefined Section	Undefined Section	0,357	0,212	0,974	0,233	0,000	0,000	0,000	0,000

Beam: Geometry

	Section	Section Type	D m	B1 m
1: Nodo beam	Solid Round	Solid Round	0,200	
54: Pila	Solid Rectangle	Solid Rectangle	6,000	2,000
55: Traverso appoggio	Undefined Section	Undefined Section		
56: Traverso campata	Undefined Section	Undefined Section		
120: FS3 - Trave C1	Undefined Section	Undefined Section		
121: FS3 - Trave C2	Undefined Section	Undefined Section		
122: FS3 - Trave C3	Undefined Section	Undefined Section		
124: FS3 - Trave C5	Undefined Section	Undefined Section		
125: FS3 - Trave C6	Undefined Section	Undefined Section		
126: FS3 - Trave C7	Undefined Section	Undefined Section		
128: FS3 - Trave C9	Undefined Section	Undefined Section		

129: FS3 - Trave C10	Undefined Section	Undefined Section
130: FS3 - Trave C11	Undefined Section	Undefined Section
132: FS3 - Trave C13	Undefined Section	Undefined Section
133: FS3 - Trave C14	Undefined Section	Undefined Section
134: FS3 - Trave C15	Undefined Section	Undefined Section
136: FS3 - Trave C17	Undefined Section	Undefined Section
137: FS3 - Trave C18	Undefined Section	Undefined Section
138: FS3 - Trave C19	Undefined Section	Undefined Section
140: FS3 - Trave C21	Undefined Section	Undefined Section
141: FS3 - Trave C22	Undefined Section	Undefined Section
142: FS3 - Trave C23	Undefined Section	Undefined Section
144: FS3 - Trave C25	Undefined Section	Undefined Section
145: FS3 - Trave C26	Undefined Section	Undefined Section
146: FS3 - Trave C27	Undefined Section	Undefined Section
148: FS3 - Trave C29	Undefined Section	Undefined Section
149: FS3 - Trave C30	Undefined Section	Undefined Section
150: FS3 - Trave C31	Undefined Section	Undefined Section
152: Fess - Trave C4	Undefined Section	Undefined Section
155: Fess - Trave C8	Undefined Section	Undefined Section
158: Fess - Trave C12	Undefined Section	Undefined Section
159: Fess - Trave C13	Undefined Section	Undefined Section
161: Fess - Trave C16	Undefined Section	Undefined Section
162: Fess - Trave C17	Undefined Section	Undefined Section
163: Fess - Trave C19	Undefined Section	Undefined Section
164: Fess - Trave C20	Undefined Section	Undefined Section
165: Fess - Trave C21	Undefined Section	Undefined Section
166: Fess - Trave C23	Undefined Section	Undefined Section
167: Fess - Trave C24	Undefined Section	Undefined Section
168: Fess - Trave C25	Undefined Section	Undefined Section
169: Fess - Trave C27	Undefined Section	Undefined Section
170: Fess - Trave C28	Undefined Section	Undefined Section
234: FS3 - Centrale C1	Undefined Section	Undefined Section
235: FS3 - Centrale C2	Undefined Section	Undefined Section
236: FS3 - Centrale C3	Undefined Section	Undefined Section
238: FS3 - Centrale C5	Undefined Section	Undefined Section
239: FS3 - Centrale C6	Undefined Section	Undefined Section
240: FS3 - Centrale C7	Undefined Section	Undefined Section
242: FS3 - Centrale C9	Undefined Section	Undefined Section
243: FS3 - Centrale C10	Undefined Section	Undefined Section
244: FS3 - Centrale C11	Undefined Section	Undefined Section
246: FS3 - Centrale C13	Undefined Section	Undefined Section
247: FS3 - Centrale C14	Undefined Section	Undefined Section
248: FS3 - Centrale C15	Undefined Section	Undefined Section
250: FS3 - Centrale C17	Undefined Section	Undefined Section
251: FS3 - Centrale C18	Undefined Section	Undefined Section
252: FS3 - Centrale C19	Undefined Section	Undefined Section
254: FS3 - Centrale C21	Undefined Section	Undefined Section

255: FS3 - Centrale C22	Undefined Section	Undefined Section
256: FS3 - Centrale C23	Undefined Section	Undefined Section
258: FS3 - Centrale C25	Undefined Section	Undefined Section
259: FS3 - Centrale C26	Undefined Section	Undefined Section
260: FS3 - Centrale C27	Undefined Section	Undefined Section
263: FS3 - Centrale C30	Undefined Section	Undefined Section
264: FS3 - Centrale C31	Undefined Section	Undefined Section
266: Fess - centrale - C4	Undefined Section	Undefined Section
269: Fess - centrale - C8	Undefined Section	Undefined Section
272: Fess - centrale - C12	Undefined Section	Undefined Section
273: Fess - centrale - C13	Undefined Section	Undefined Section
275: Fess - centrale - C16	Undefined Section	Undefined Section
276: Fess - centrale - C17	Undefined Section	Undefined Section
277: Fess - centrale - C19	Undefined Section	Undefined Section
278: Fess - centrale - C20	Undefined Section	Undefined Section
279: Fess - centrale - C21	Undefined Section	Undefined Section
280: Fess - centrale - C23	Undefined Section	Undefined Section
281: Fess - centrale - C24	Undefined Section	Undefined Section
282: Fess - centrale - C25	Undefined Section	Undefined Section
283: Fess - centrale - C27	Undefined Section	Undefined Section
284: Fess - centrale - C28	Undefined Section	Undefined Section
287: FS3 - Centrale C29	Undefined Section	Undefined Section

4.3 INPUT MODEL FILE

4.3.1 GENERAL DATA AND LOAD CASES

```
/ / / /
/
_____
_________
/ STRAUS7 MODEL EXCHANGE FILE

/
_____
_________
/ MODEL INFORMATION

   FileFormat           Straus7.2.3.3
   ModelName            "Modello FEM_EST1_SISMICA"
   Title                ""
   Project              ""
   Author               ""
   Reference            ""
   Comments             ""

/
_____
_________
/ UNITS

   LengthUnit           m
   MassUnit             kg
   EnergyUnit           J
   PressureUnit         MPa
   ForceUnit            kN
   TemperatureUnit      C

/
_____
_________
/ GROUP DEFINITIONS

   Group                    1    16711680   "\\Model"
   Group                    2    16757299   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'"
   Group                    3         255   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
appoggio"
   Group                    4    16711724   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Traverso
campata"
   Group                    5    16768512   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Appoggi"
   Group                    6    13107455   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Layer Trave centrale"
   Group                    7    13380024   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave esterna"
   Group                    8     5426217   "AutoCAD import:
'Viadotto EST1_schema per straus - fili.dxf'\Trave interna"

/
_____
_________
/ FREEDOM CASE DEFINITIONS

   FreedomCase              1       0       1   "Freedom Case 1"


/
_____
_________
/ LOAD CASE DEFINITIONS

   LoadCase                12       1   "p.p."
     Gravity                3    -9.81000000000000E+0
     LCInclude              1

   LoadCase                13       0   "Soletta"
     LCInclude              3

   LoadCase                14       0   "Perm. non strutturale"
     LCInclude              3

   LoadCase                15       0   "Ritiro"
     LCInclude              3

   LoadCase                16       0   "DT_M_Cool"
     LCInclude              3

   LoadCase                17       0   "DT_M_Heat"
     LCInclude              3

   LoadCase                18       0   "Vento ponte carico -Y"
     LCInclude              3

   LoadCase                19       0   "Vento ponte carico +Y"
     LCInclude              3

   LoadCase                20       0   "Traffico distribuito 1"
     LCInclude              3

   LoadCase                21       0   "Traffico tandem 1a -
spalla 1"
     LCInclude              3

   LoadCase                22       0   "Traffico tandem 1b -
campata 1"
     LCInclude              3

   LoadCase                23       0   "Traffico tandem 1c - sx
pila 1"
     LCInclude              3

   LoadCase                24       0   "Traffico tandem 1c' - dx
pila 1"
     LCInclude              3

   LoadCase                25       0   "Traffico tandem 1d -
campata 2"
     LCInclude              3

   LoadCase                26       0   "Traffico tandem 1e - sx
pila 2"
     LCInclude              3

   LoadCase                27       0   "Traffico tandem 1e' - dx
pila 2"
     LCInclude              3

   LoadCase                28       0   "Traffico tandem 1f -
campata 3"
     LCInclude              3

   LoadCase                29       0   "Traffico tandem 1g - sx
pila 3"
     LCInclude              3

   LoadCase                30       0   "Traffico tandem 1g' - dx
pila 3"
     LCInclude              3

   LoadCase                31       0   "Traffico tandem 1h -
campata 4"
     LCInclude              3

   LoadCase                32       0   "Traffico tandem 1i - sx
pila 4"
     LCInclude              3

   LoadCase                33       0   "Traffico tandem 1i' - dx
pila 4"
     LCInclude              3

   LoadCase                34       0   "Traffico tandem 1l -
campata 5"
     LCInclude              3

   LoadCase                35       0   "Traffico tandem 1m - sx
pila 5"
     LCInclude              3

   LoadCase                36       0   "Traffico tandem 1m' - dx
pila 5"
     LCInclude              3

   LoadCase                37       0   "nTraffico tandem 1n -
campata 6"
     LCInclude              3

   LoadCase                38       0   "Traffico tandem 1o - sx
pila 6"
     LCInclude              3

   LoadCase                39       0   "Traffico tandem 1o' - dx
pila 6"
     LCInclude              3

   LoadCase                43       0   "Traffico tandem 1p -
campata 7"
     LCInclude              3

   LoadCase                44       0   "Traffico tandem 1q - sx
pila 7"
     LCInclude              3

   LoadCase                45       0   "Traffico tandem 1q' - dx
pila 7"
     LCInclude              3

   LoadCase                46       0   "Traffico tandem 1r -
campata 8"
     LCInclude              3

   LoadCase                47       0   "Traffico tandem 1s - pila
8"
     LCInclude              3

   LoadCase                48       0   "Traffico distribuito 2"
     LCInclude              3

   LoadCase                49       0   "Traffico tandem 2a -
spalla 1"
     LCInclude              3

   LoadCase                50       0   "Traffico tandem 2b -
campata 1"
     LCInclude              3

   LoadCase                51       0   "Traffico tandem 2c - sx
pila 1"
     LCInclude              3

   LoadCase                52       0   "Traffico tandem 2c' - dx
pila 1"
     LCInclude              3
```

```
   LoadCase                53       0   "Traffico tandem 2d -
campata 2"
     LCInclude              3

   LoadCase                54       0   "Traffico tandem 2e - sx
pila 2"
     LCInclude              3

   LoadCase                55       0   "Traffico tandem 2e' - dx
pila 2"
     LCInclude              3

   LoadCase                56       0   "Traffico tandem 2f -
campata 3"
     LCInclude              3

   LoadCase                57       0   "Traffico tandem 2g - sx
pila 3"
     LCInclude              3

   LoadCase                58       0   "Traffico tandem 2g' - dx
pila 3"
     LCInclude              3

   LoadCase                59       0   "Traffico tandem 2h -
campata 4"
     LCInclude              3

   LoadCase                60       0   "Traffico tandem 2i - sx
pila 4"
     LCInclude              3

   LoadCase                61       0   "Traffico tandem 2i' - dx
pila 4"
     LCInclude              3

   LoadCase                62       0   "Traffico tandem 2l -
campata 5"
     LCInclude              3

   LoadCase                63       0   "Traffico tandem 2m - sx
pila 5"
     LCInclude              3

   LoadCase                64       0   "Traffico tandem 2m' - dx
pila 5"
     LCInclude              3

   LoadCase                65       0   "nTraffico tandem 2n -
campata 6"
     LCInclude              3

   LoadCase                66       0   "Traffico tandem 2o - sx
pila 6"
     LCInclude              3

   LoadCase                67       0   "Traffico tandem 2o' - dx
pila 6"
     LCInclude              3

   LoadCase                68       0   "Traffico tandem 2p -
campata 7"
     LCInclude              3

   LoadCase                69       0   "Traffico tandem 2q - sx
pila 7"
     LCInclude              3

   LoadCase                70       0   "Traffico tandem 2q' - dx
pila 7"
     LCInclude              3

   LoadCase                71       0   "Traffico tandem 2r -
campata 8"
     LCInclude              3

   LoadCase                72       0   "Traffico tandem 2s - pila
8"
     LCInclude              3


/
_____
/ LOAD CASE COMBINATIONS

   LoadCaseCombination      73   "1A_FR"
      12        1.00000000000000E+0
      13        1.00000000000000E+0

   LoadCaseCombination      74   "2A_FR"
      14        1.00000000000000E+0

   LoadCaseCombination      75   "2B_FR"
      15        1.00000000000000E+0

   LoadCaseCombination      76   "3A_FR1"
      16        5.00000000000000E-1

   LoadCaseCombination      77   "3A_FR2"
      17        5.00000000000000E-1

   LoadCaseCombination      78   "3B_FR1"
      20        4.00000000000000E-1
      21        7.50000000000000E-1

   LoadCaseCombination      79   "3B_FR2"
      20        4.00000000000000E-1
      22        7.50000000000000E-1

   LoadCaseCombination      80   "3B_FR3"
      20        4.00000000000000E-1
      23        7.50000000000000E-1

   LoadCaseCombination      81   "3B_FR4"
      20        4.00000000000000E-1
      24        7.50000000000000E-1

   LoadCaseCombination      82   "3B_FR5"
      20        4.00000000000000E-1
      25        7.50000000000000E-1

   LoadCaseCombination      83   "3B_FR6"
      20        4.00000000000000E-1
      26        7.50000000000000E-1

   LoadCaseCombination      84   "3B_FR7"
      20        4.00000000000000E-1
      27        7.50000000000000E-1

   LoadCaseCombination      85   "3B_FR8"
      20        4.00000000000000E-1
      28        7.50000000000000E-1

   LoadCaseCombination      86   "3B_FR9"
      20        4.00000000000000E-1
      29        7.50000000000000E-1

   LoadCaseCombination      87   "3B_FR10"
      20        4.00000000000000E-1
      30        7.50000000000000E-1

   LoadCaseCombination      88   "3B_FR11"
      20        4.00000000000000E-1
      31        7.50000000000000E-1

   LoadCaseCombination      89   "3B_FR12"
      20        4.00000000000000E-1
      32        7.50000000000000E-1

   LoadCaseCombination      90   "3B_FR13"
      20        4.00000000000000E-1
      33        7.50000000000000E-1

   LoadCaseCombination      91   "3B_FR14"
      20        4.00000000000000E-1
      34        7.50000000000000E-1

   LoadCaseCombination      92   "3B_FR15"
      20        4.00000000000000E-1
      35        7.50000000000000E-1

   LoadCaseCombination      93   "3B_FR16"
      20        4.00000000000000E-1
      36        7.50000000000000E-1

   LoadCaseCombination      94   "3B_FR17"
      20        4.00000000000000E-1
      37        7.50000000000000E-1

   LoadCaseCombination      95   "3B_FR18"
      20        4.00000000000000E-1
      38        7.50000000000000E-1

   LoadCaseCombination      96   "3B_FR19"
      20        4.00000000000000E-1
      39        7.50000000000000E-1

   LoadCaseCombination      97   "3B_FR20"
      20        4.00000000000000E-1
      43        7.50000000000000E-1

   LoadCaseCombination      98   "3B_FR21"
      20        4.00000000000000E-1
      44        7.50000000000000E-1

   LoadCaseCombination      99   "3B_FR22"
      20        4.00000000000000E-1
      45        7.50000000000000E-1

   LoadCaseCombination     100   "3B_FR23"
      20        4.00000000000000E-1
      46        7.50000000000000E-1

   LoadCaseCombination     101   "3B_FR24"
      20        4.00000000000000E-1
      47        7.50000000000000E-1

   LoadCaseCombination     102   "3B_FR25"
      48        4.00000000000000E-1
      49        7.50000000000000E-1

   LoadCaseCombination     103   "3B_FR26"
      48        4.00000000000000E-1
      50        7.50000000000000E-1

   LoadCaseCombination     104   "3B_FR27"
      48        4.00000000000000E-1
      51        7.50000000000000E-1

   LoadCaseCombination     105   "3B_FR28"
      48        4.00000000000000E-1
      52        7.50000000000000E-1

   LoadCaseCombination     106   "3B_FR29"
      48        4.00000000000000E-1
      53        7.50000000000000E-1

   LoadCaseCombination     107   "3B_FR30"
      48        4.00000000000000E-1
      54        7.50000000000000E-1
```

```
LoadCaseCombination     108   "3B_FR31"
   48        4.00000000000000E-1
   55        7.50000000000000E-1

LoadCaseCombination     109   "3B_FR32"
   48        4.00000000000000E-1
   56        7.50000000000000E-1

LoadCaseCombination     110   "3B_FR33"
   48        4.00000000000000E-1
   57        7.50000000000000E-1

LoadCaseCombination     111   "3B_FR34"
   48        4.00000000000000E-1
   58        7.50000000000000E-1

LoadCaseCombination     112   "3B_FR35"
   48        4.00000000000000E-1
   59        7.50000000000000E-1

LoadCaseCombination     113   "3B_FR36"
   48        4.00000000000000E-1
   60        7.50000000000000E-1

LoadCaseCombination     114   "3B_FR37"
   48        4.00000000000000E-1
   61        7.50000000000000E-1

LoadCaseCombination     115   "3B_FR38"
   48        4.00000000000000E-1
   62        7.50000000000000E-1

LoadCaseCombination     116   "3B_FR39"
   48        4.00000000000000E-1
   63        7.50000000000000E-1

LoadCaseCombination     117   "3B_FR40"
   48        4.00000000000000E-1
   64        7.50000000000000E-1

LoadCaseCombination     118   "3B_FR41"
   48        4.00000000000000E-1
   65        7.50000000000000E-1

LoadCaseCombination     119   "3B_FR42"
   48        4.00000000000000E-1
   66        7.50000000000000E-1

LoadCaseCombination     120   "3B_FR43"
   48        4.00000000000000E-1
   67        7.50000000000000E-1

LoadCaseCombination     121   "3B_FR44"
   48        4.00000000000000E-1
   68        7.50000000000000E-1

LoadCaseCombination     122   "3B_FR45"
   48        4.00000000000000E-1
   69        7.50000000000000E-1

LoadCaseCombination     123   "3B_FR46"
   48        4.00000000000000E-1
   70        7.50000000000000E-1

LoadCaseCombination     124   "3B_FR47"
   48        4.00000000000000E-1
   71        7.50000000000000E-1

LoadCaseCombination     125   "3B_FR48"
   48        4.00000000000000E-1
   72        7.50000000000000E-1

LoadCaseCombination     126   "1A_RA"
   12        1.00000000000000E+0
   13        1.00000000000000E+0

LoadCaseCombination     127   "2A_RA"
   14        1.00000000000000E+0

LoadCaseCombination     128   "2B_RA"
   15        1.00000000000000E+0

LoadCaseCombination     129   "3A_RA1"
   16        6.00000000000000E-1

LoadCaseCombination     130   "3A_RA2"
   17        6.00000000000000E-1

LoadCaseCombination     131   "3B_RA1"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     132   "3B_RA2"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     133   "3B_RA3"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     134   "3B_RA4"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     135   "3B_RA5"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     136   "3B_RA6"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     137   "3B_RA7"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     138   "3B_RA8"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     139   "3B_RA9"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     140   "3B_RA10"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     141   "3B_RA11"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     142   "3B_RA12"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     143   "3B_RA13"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     144   "3B_RA14"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     145   "3B_RA15"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     146   "3B_RA16"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     147   "3B_RA17"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     148   "3B_RA18"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     149   "3B_RA19"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   39        1.00000000000000E+0

LoadCaseCombination     150   "3B_RA20"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   43        1.00000000000000E+0

LoadCaseCombination     151   "3B_RA21"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   44        1.00000000000000E+0

LoadCaseCombination     152   "3B_RA22"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   45        1.00000000000000E+0

LoadCaseCombination     153   "3B_RA23"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   46        1.00000000000000E+0

LoadCaseCombination     154   "3B_RA24"
   19        6.00000000000000E-1
   20        1.00000000000000E+0
   47        1.00000000000000E+0

LoadCaseCombination     155   "3B_RA25"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   49        1.00000000000000E+0

LoadCaseCombination     156   "3B_RA26"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   50        1.00000000000000E+0

LoadCaseCombination     157   "3B_RA27"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   51        1.00000000000000E+0
```

```
LoadCaseCombination     158   "3B_RA28"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   52        1.00000000000000E+0

LoadCaseCombination     159   "3B_RA29"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   53        1.00000000000000E+0

LoadCaseCombination     160   "3B_RA30"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   54        1.00000000000000E+0

LoadCaseCombination     161   "3B_RA31"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   55        1.00000000000000E+0

LoadCaseCombination     162   "3B_RA32"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   56        1.00000000000000E+0

LoadCaseCombination     163   "3B_RA33"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   57        1.00000000000000E+0

LoadCaseCombination     164   "3B_RA34"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   58        1.00000000000000E+0

LoadCaseCombination     165   "3B_RA35"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   59        1.00000000000000E+0

LoadCaseCombination     166   "3B_RA36"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   60        1.00000000000000E+0

LoadCaseCombination     167   "3B_RA37"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   61        1.00000000000000E+0

LoadCaseCombination     168   "3B_RA38"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   62        1.00000000000000E+0

LoadCaseCombination     169   "3B_RA39"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   63        1.00000000000000E+0

LoadCaseCombination     170   "3B_RA40"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   64        1.00000000000000E+0

LoadCaseCombination     171   "3B_RA41"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   65        1.00000000000000E+0

LoadCaseCombination     172   "3B_RA42"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   66        1.00000000000000E+0

LoadCaseCombination     173   "3B_RA43"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   67        1.00000000000000E+0

LoadCaseCombination     174   "3B_RA44"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   68        1.00000000000000E+0

LoadCaseCombination     175   "3B_RA45"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   69        1.00000000000000E+0

LoadCaseCombination     176   "3B_RA46"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   70        1.00000000000000E+0

LoadCaseCombination     177   "3B_RA47"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   71        1.00000000000000E+0

LoadCaseCombination     178   "3B_RA48"
   19        6.00000000000000E-1
   48        1.00000000000000E+0
   72        1.00000000000000E+0

LoadCaseCombination     179   "3B_RA49"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   21        1.00000000000000E+0

LoadCaseCombination     180   "3B_RA50"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   22        1.00000000000000E+0

LoadCaseCombination     181   "3B_RA51"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   23        1.00000000000000E+0

LoadCaseCombination     182   "3B_RA52"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   24        1.00000000000000E+0

LoadCaseCombination     183   "3B_RA53"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   25        1.00000000000000E+0

LoadCaseCombination     184   "3B_RA54"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   26        1.00000000000000E+0

LoadCaseCombination     185   "3B_RA55"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   27        1.00000000000000E+0

LoadCaseCombination     186   "3B_RA56"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   28        1.00000000000000E+0

LoadCaseCombination     187   "3B_RA57"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   29        1.00000000000000E+0

LoadCaseCombination     188   "3B_RA58"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   30        1.00000000000000E+0

LoadCaseCombination     189   "3B_RA59"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   31        1.00000000000000E+0

LoadCaseCombination     190   "3B_RA60"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   32        1.00000000000000E+0

LoadCaseCombination     191   "3B_RA61"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   33        1.00000000000000E+0

LoadCaseCombination     192   "3B_RA62"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   34        1.00000000000000E+0

LoadCaseCombination     193   "3B_RA63"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   35        1.00000000000000E+0

LoadCaseCombination     194   "3B_RA64"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   36        1.00000000000000E+0

LoadCaseCombination     195   "3B_RA65"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   37        1.00000000000000E+0

LoadCaseCombination     196   "3B_RA66"
   18        6.00000000000000E-1
   20        1.00000000000000E+0
   38        1.00000000000000E+0

LoadCaseCombination     197   "3B_RA67"
   39        1.00000000000000E+0

LoadCaseCombination     198   "3B_RA68"
   43        1.00000000000000E+0

LoadCaseCombination     199   "3B_RA69"
   44        1.00000000000000E+0

LoadCaseCombination     200   "3B_RA70"
   45        1.00000000000000E+0

LoadCaseCombination     201   "3B_RA71"
   46        1.00000000000000E+0

LoadCaseCombination     202   "3B_RA72"
   47        1.00000000000000E+0

LoadCaseCombination     203   "1A_SLU"
   12        1.35000000000000E+0
   13        1.35000000000000E+0

LoadCaseCombination     204   "2A_SLU"
   14        1.50000000000000E+0

LoadCaseCombination     205   "2B_SLU"
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   15        1.20000000000000E+0

LoadCaseCombination     206   "3A_SLU1"
   16        9.00000000000000E-1

LoadCaseCombination     207   "3A_SLU2"
   17        9.00000000000000E-1

LoadCaseCombination     208   "3B_SLU1"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   21        1.35000000000000E+0

LoadCaseCombination     209   "3B_SLU2"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   22        1.35000000000000E+0

LoadCaseCombination     210   "3B_SLU3"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   23        1.35000000000000E+0

LoadCaseCombination     211   "3B_SLU4"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   24        1.35000000000000E+0

LoadCaseCombination     212   "3B_SLU5"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   25        1.35000000000000E+0

LoadCaseCombination     213   "3B_SLU6"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   26        1.35000000000000E+0

LoadCaseCombination     214   "3B_SLU7"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   27        1.35000000000000E+0

LoadCaseCombination     215   "3B_SLU8"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   28        1.35000000000000E+0

LoadCaseCombination     216   "3B_SLU9"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   29        1.35000000000000E+0

LoadCaseCombination     217   "3B_SLU10"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   30        1.35000000000000E+0

LoadCaseCombination     218   "3B_SLU11"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   31        1.35000000000000E+0

LoadCaseCombination     219   "3B_SLU12"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   32        1.35000000000000E+0

LoadCaseCombination     220   "3B_SLU13"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   33        1.35000000000000E+0

LoadCaseCombination     221   "3B_SLU14"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   34        1.35000000000000E+0

LoadCaseCombination     222   "3B_SLU15"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   35        1.35000000000000E+0

LoadCaseCombination     223   "3B_SLU16"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   36        1.35000000000000E+0

LoadCaseCombination     224   "3B_SLU17"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   37        1.35000000000000E+0

LoadCaseCombination     225   "3B_SLU18"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   38        1.35000000000000E+0

LoadCaseCombination     226   "3B_SLU19"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   39        1.35000000000000E+0

LoadCaseCombination     227   "3B_SLU20"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   43        1.35000000000000E+0

LoadCaseCombination     228   "3B_SLU21"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   44        1.35000000000000E+0

LoadCaseCombination     229   "3B_SLU22"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   45        1.35000000000000E+0

LoadCaseCombination     230   "3B_SLU23"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   46        1.35000000000000E+0

LoadCaseCombination     231   "3B_SLU24"
   19        9.00000000000000E-1
   20        1.35000000000000E+0
   47        1.35000000000000E+0

LoadCaseCombination     232   "3B_SLU25"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   49        1.35000000000000E+0

LoadCaseCombination     233   "3B_SLU26"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   50        1.35000000000000E+0

LoadCaseCombination     234   "3B_SLU27"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   51        1.35000000000000E+0

LoadCaseCombination     235   "3B_SLU28"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   52        1.35000000000000E+0

LoadCaseCombination     236   "3B_SLU29"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   53        1.35000000000000E+0

LoadCaseCombination     237   "3B_SLU30"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   54        1.35000000000000E+0

LoadCaseCombination     238   "3B_SLU31"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   55        1.35000000000000E+0

LoadCaseCombination     239   "3B_SLU32"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   56        1.35000000000000E+0

LoadCaseCombination     240   "3B_SLU33"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   57        1.35000000000000E+0

LoadCaseCombination     241   "3B_SLU34"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   58        1.35000000000000E+0

LoadCaseCombination     242   "3B_SLU35"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   59        1.35000000000000E+0

LoadCaseCombination     243   "3B_SLU36"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   60        1.35000000000000E+0

LoadCaseCombination     244   "3B_SLU37"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   61        1.35000000000000E+0

LoadCaseCombination     245   "3B_SLU38"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   62        1.35000000000000E+0

LoadCaseCombination     246   "3B_SLU39"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   63        1.35000000000000E+0

LoadCaseCombination     247   "3B_SLU40"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   64        1.35000000000000E+0

LoadCaseCombination     248   "3B_SLU41"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   65        1.35000000000000E+0

LoadCaseCombination     249   "3B_SLU42"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   66        1.35000000000000E+0

LoadCaseCombination     250   "3B_SLU43"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   67        1.35000000000000E+0
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LoadCaseCombination     251   "3B_SLU44"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   68        1.35000000000000E+0

LoadCaseCombination     252   "3B_SLU45"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   69        1.35000000000000E+0

LoadCaseCombination     253   "3B_SLU46"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   70        1.35000000000000E+0

LoadCaseCombination     254   "3B_SLU47"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   71        1.35000000000000E+0

LoadCaseCombination     255   "3B_SLU48"
   19        9.00000000000000E-1
   48        1.35000000000000E+0
   72        1.35000000000000E+0

LoadCaseCombination     256   "3B_SLU49"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   21        1.35000000000000E+0

LoadCaseCombination     257   "3B_SLU50"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   22        1.35000000000000E+0

LoadCaseCombination     258   "3B_SLU51"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   23        1.35000000000000E+0

LoadCaseCombination     259   "3B_SLU52"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   24        1.35000000000000E+0

LoadCaseCombination     260   "3B_SLU53"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   25        1.35000000000000E+0

LoadCaseCombination     261   "3B_SLU54"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   26        1.35000000000000E+0

LoadCaseCombination     262   "3B_SLU55"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   27        1.35000000000000E+0

LoadCaseCombination     263   "3B_SLU56"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   28        1.35000000000000E+0

LoadCaseCombination     264   "3B_SLU57"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   29        1.35000000000000E+0

LoadCaseCombination     265   "3B_SLU58"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   30        1.35000000000000E+0

LoadCaseCombination     266   "3B_SLU59"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   31        1.35000000000000E+0

LoadCaseCombination     267   "3B_SLU60"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   32        1.35000000000000E+0

LoadCaseCombination     268   "3B_SLU61"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   33        1.35000000000000E+0

LoadCaseCombination     269   "3B_SLU62"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   34        1.35000000000000E+0

LoadCaseCombination     270   "3B_SLU63"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   35        1.35000000000000E+0

LoadCaseCombination     271   "3B_SLU64"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   36        1.35000000000000E+0

LoadCaseCombination     272   "3B_SLU65"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   37        1.35000000000000E+0

LoadCaseCombination     273   "3B_SLU66"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   38        1.35000000000000E+0

LoadCaseCombination     274   "3B_SLU67"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   39        1.35000000000000E+0

LoadCaseCombination     275   "3B_SLU68"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   43        1.35000000000000E+0

LoadCaseCombination     276   "3B_SLU69"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   44        1.35000000000000E+0

LoadCaseCombination     277   "3B_SLU70"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   45        1.35000000000000E+0

LoadCaseCombination     278   "3B_SLU71"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   46        1.35000000000000E+0

LoadCaseCombination     279   "3B_SLU72"
   18        9.00000000000000E-1
   20        1.35000000000000E+0
   47        1.35000000000000E+0


/
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_____
/ RESULT CASE ENVELOPES

   LoadCaseEnvelope     "1A_ENV_FR_max"  Max
   ON                      73

   LoadCaseEnvelope     "1A_ENV_FR_min"  Min
   ON                      73

   LoadCaseEnvelope     "2A_ENV_FR_max"  Max
   ON                      74

   LoadCaseEnvelope     "2A_ENV_FR_min"  Min
   ON                      74

   LoadCaseEnvelope     "2B_ENV_FR_max"  Max
   ON                      75

   LoadCaseEnvelope     "2B_ENV_FR_min"  Min
   ON                      75

   LoadCaseEnvelope     "3A_ENV_FR_max"  Max
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3A_ENV_FR_min"  Min
   ON                      76
   ON                      77

   LoadCaseEnvelope     "3B_ENV_FR_max"  Max
   ON                      78
   ON                      79
   ON                      80
   ON                      81
   ON                      82
   ON                      83
   ON                      84
   ON                      85
   ON                      86
   ON                      87
   ON                      88
   ON                      89
   ON                      90
   ON                      91
   ON                      92
   ON                      93
   ON                      94
   ON                      95
   ON                      96
   ON                      97
   ON                      98
   ON                      99
   ON                     100
   ON                     101
   ON                     102
   ON                     103
   ON                     104
   ON                     105
   ON                     106
   ON                     107
   ON                     108
   ON                     109
   ON                     110
   ON                     111
   ON                     112
   ON                     113
   ON                     114
   ON                     115
   ON                     116
   ON                     117
   ON                     118
   ON                     119
   ON                     120
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ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "3B_ENV_FR_min"  Min
ON                     78
ON                     79
ON                     80
ON                     81
ON                     82
ON                     83
ON                     84
ON                     85
ON                     86
ON                     87
ON                     88
ON                     89
ON                     90
ON                     91
ON                     92
ON                     93
ON                     94
ON                     95
ON                     96
ON                     97
ON                     98
ON                     99
ON                    100
ON                    101
ON                    102
ON                    103
ON                    104
ON                    105
ON                    106
ON                    107
ON                    108
ON                    109
ON                    110
ON                    111
ON                    112
ON                    113
ON                    114
ON                    115
ON                    116
ON                    117
ON                    118
ON                    119
ON                    120
ON                    121
ON                    122
ON                    123
ON                    124
ON                    125

LoadCaseEnvelope     "1A_ENV_RA_max"  Max
ON                    126

LoadCaseEnvelope     "1A_ENV_RA_min"  Min
ON                    126

LoadCaseEnvelope     "2A_ENV_RA_max"  Max
ON                    127

LoadCaseEnvelope     "2A_ENV_RA_min"  Min
ON                    127

LoadCaseEnvelope     "2B_ENV_RA_max"  Max
ON                    128

LoadCaseEnvelope     "2B_ENV_RA_min"  Max
ON                    128

LoadCaseEnvelope     "3A_ENV_RA_max"  Max
ON                    129
ON                    130

LoadCaseEnvelope     "3A_ENV_RA_min"  Min
ON                    129
ON                    130

LoadCaseEnvelope     "3B_ENV_RA_max"  Max
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
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ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "3B_ENV_RA_min"  Min
ON                    131
ON                    132
ON                    133
ON                    134
ON                    135
ON                    136
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ON                    196
ON                    197
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ON                    199
ON                    200
ON                    201
ON                    202

LoadCaseEnvelope     "1A_ENV_SLU_max"  Max
ON                    203

LoadCaseEnvelope     "1A_ENV_SLU_min"  Min
ON                    203

LoadCaseEnvelope     "2A_ENV_SLU_max"  Max
ON                    204

LoadCaseEnvelope     "2A_ENV_SLU_min"  Min
ON                    204

LoadCaseEnvelope     "2B_ENV_SLU_max"  Max
ON                    205

LoadCaseEnvelope     "2B_ENV_SLU_min"  Min
ON                    205

LoadCaseEnvelope     "3A_ENV_SLU_max"  Max
ON                    206
ON                    207

LoadCaseEnvelope     "3A_ENV_SLU_min"  Min
ON                    206
ON                    207

LoadCaseEnvelope     "3B_ENV_SLU_max"  Max
ON                    208
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LoadCaseEnvelope     "3B_ENV_SLU_min"  Min
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4.3.2 ELEMENT GEOMETRY

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/ ____________________________________________________________________________
/ COORDINATE SYSTEM DEFINITIONS

   CoordSys                 1   "Global XYZ"  GlobalXYZ

   CoordSys                 2   "UCS 1"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.18012636559000E+3      1.43513719135900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 3   "UCS 2"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.02996207768500E+3      1.45165569558900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 4   "UCS 3"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.06395124813300E+3      1.44330487077800E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 5   "UCS 4"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.09840306197500E+3      1.43713457721700E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 6   "UCS 5"  RectUCS
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.13317777805300E+3      1.43316984246400E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3      0.00000000000000E+0

   CoordSys                 7   "UCS 6"  RectUCS
    2.22709757132700E+3      1.43338116254200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.22709757132700E+3      1.43338116254200E+3      0.00000000000000E+0

   CoordSys                 8   "UCS 7"  RectUCS
    2.27376862741300E+3      1.43893206546200E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.27376862741300E+3      1.43893206546200E+3      0.00000000000000E+0

   CoordSys                 9   "UCS 8"  RectUCS
    2.32009145507300E+3      1.44688163289900E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.32009145507300E+3      1.44688163289900E+3      0.00000000000000E+0

   CoordSys                10   "UCS 9"  RectUCS
    2.35482640686800E+3      1.45155226452300E+3     -2.50000000000000E+0
    2.18014203582800E+3      1.43133722367000E+3     -2.50000000000000E+0
    2.35482640686800E+3      1.45155226452300E+3      0.00000000000000E+0

   CoordSys                11   "UCS 10"  RectUCS
    3.45398991911900E+1     -7.25133255531100E+0     -3.05000000000000E+0
    3.61365971120600E+1      1.79074284740000E-1     -3.05000000000000E+0
    3.45398991911900E+1     -7.25133255531100E+0     -2.50000000000000E+0

   CoordSys                12   "UCS 11"  RectUCS
    6.92248875269500E+1     -1.34641877161400E+1     -3.00000000000000E+0
    7.03552364832400E+1     -5.94865745311200E+0     -3.00000000000000E+0
    6.92248875269500E+1     -1.34641877161400E+1     -2.50000000000000E+0

   CoordSys                13   "UCS 12"  RectUCS
    1.04234978431900E+2     -1.74568706429600E+1     -3.00000000000000E+0
    1.04894577737200E+2     -9.88544371532200E+0     -3.00000000000000E+0
    1.04234978431900E+2     -1.74568706429600E+1     -2.50000000000000E+0

   CoordSys                14   "UCS 13"  RectUCS
    1.98801711763400E+2     -1.72465804388800E+1     -3.00000000000000E+0
    1.98167430890100E+2     -9.67309447801000E+0     -3.00000000000000E+0
    1.98801711763400E+2     -1.72465804388800E+1     -2.50000000000000E+0

   CoordSys                15   "UCS 14"  RectUCS
    2.45734684802500E+2     -1.16645582770600E+1     -3.00000000000000E+0
    2.44576570024500E+2     -4.15331079927200E+0     -3.00000000000000E+0
    2.45734684802500E+2     -1.16645582770600E+1     -2.50000000000000E+0

   CoordSys                16   "UCS 15"  RectUCS
    2.92144101989200E+2     -3.70067724497500E+0     -3.00000000000000E+0
    2.90812808157000E+2      3.78194303976100E+0     -3.00000000000000E+0
    2.92144101989200E+2     -3.70067724497500E+0     -2.50000000000000E+0

   CoordSys                17   "UCS 16"  RectUCS
    3.27812771811200E+2     -2.06305895053400E+0     -3.20000000000000E+0
    3.24614296017700E+2      1.14856552556100E+1     -3.20000000000000E+0
    3.27812771811200E+2     -2.06305895053400E+0     -2.50000000000000E+0


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/ NODE COORDINATES

   Node                     1     3.42877890066513E+1     -8.42455462516477E+0      0.00000000000000E+0
   Node                     2     3.63887073238741E+1      1.35229648154063E+0      0.00000000000000E+0
   Node                     3     7.05337126563188E+1     -4.76199463312582E+0      0.00000000000000E+0
   Node                     4     6.90464113977330E+1     -1.46508502444519E+1      0.00000000000000E+0
   Node                     5     1.04998725018954E+2     -8.68995498916797E+0      0.00000000000000E+0
   Node                     6     1.04130831195834E+2     -1.86523588447083E+1      0.00000000000000E+0
   Node                     7     1.51508400676260E+2     -1.04998376303740E+1      0.00000000000000E+0
   Node                     8     1.51549654562348E+2     -2.05037338166210E+1      0.00000000000000E+0
   Node                     9     1.98067281278516E+2     -8.47728090443002E+0      0.00000000000000E+0
   Node                    10     1.98902496192898E+2     -1.84499739102632E+1      0.00000000000000E+0
   Node                    11     2.90602603797141E+2      4.96340979712318E+0      0.00000000000000E+0
   Node                    12     2.92354306355158E+2     -4.88214403664256E+0      0.00000000000000E+0
   Node                    13     2.44393709796534E+2     -2.96732435638887E+0      0.00000000000000E+0
   Node                    14     2.45917545030671E+2     -1.28505447216637E+1      0.00000000000000E+0
   Node                    15     4.25908095315026E+0     -1.17304871932606E+0      0.00000000000000E+0
   Node                    16     6.87629881547991E+0      8.47838488816637E+0      0.00000000000000E+0
   Node                    17     1.10636546747960E+1      7.36075189898816E+0      0.00000000000000E+0
   Node                    18     8.52718669781393E+0     -2.31221795617012E+0      0.00000000000000E+0
   Node                    19     1.28004035313720E+1     -3.41637937820383E+0      0.00000000000000E+0
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Node	20	1.52636005863646E+1	6.27550693370381E+0	0.00000000000000E+0
Node	21	1.70850632977929E+1	-4.48718235119190E+0	0.00000000000000E+0
Node	22	1.94692675278859E+1	5.22443818472607E+0	0.00000000000000E+0
Node	23	2.13749932656449E+1	-5.52308833290613E+0	0.00000000000000E+0
Node	24	2.36862899619780E+1	4.20614162390507E+0	0.00000000000000E+0
Node	25	2.56774711381202E+1	-6.52583815437288E+0	0.00000000000000E+0
Node	26	2.79068508547350E+1	3.22248831094225E+0	0.00000000000000E+0
Node	27	2.99847930218068E+1	-7.49361823531194E+0	0.00000000000000E+0
Node	28	3.21381137618771E+1	2.27179060389903E+0	0.00000000000000E+0
Node	29	3.86235021728860E+1	-9.32649249320889E+0	0.00000000000000E+0
Node	30	4.06210459883248E+1	4.71967523951889E-1	0.00000000000000E+0
Node	31	4.29535281743258E+1	-1.01912842647338E+1	0.00000000000000E+0
Node	32	4.48729910954469E+1	-3.77229949878028E-1	0.00000000000000E+0
Node	33	4.72903025866219E+1	-1.10215719682498E+1	0.00000000000000E+0
Node	34	4.91315629232511E+1	-1.19254554793656E+0	0.00000000000000E+0
Node	35	5.16335504679080E+1	-1.18173029653669E+1	0.00000000000000E+0
Node	36	5.33964914884007E+1	-1.97392758114393E+0	0.00000000000000E+0
Node	37	5.59829964642170E+1	-1.25784268081881E+1	0.00000000000000E+0
Node	38	5.76675064004269E+1	-2.72132651097786E+0	0.00000000000000E+0
Node	39	6.03383653074341E+1	-1.33048953207619E+1	0.00000000000000E+0
Node	40	6.19443364074798E+1	-3.43469487607695E+0	0.00000000000000E+0
Node	41	6.46993794399239E+1	-1.39966622127947E+1	0.00000000000000E+0
Node	42	6.62267118035841E+1	-4.11398768403683E+0	0.00000000000000E+0
Node	43	7.34372411407178E+1	-1.52759185341240E+1	0.00000000000000E+0
Node	44	7.48070086181881E+1	-5.37017590451296E+0	0.00000000000000E+0
Node	45	7.78142554048070E+1	-1.58634206563399E+1	0.00000000000000E+0
Node	46	7.91036654039460E+1	-5.94689788098435E+0	0.00000000000000E+0
Node	47	8.21943657473760E+1	-1.64158713677839E+1	0.00000000000000E+0
Node	48	8.34062209823639E+1	-6.48957261790406E+0	0.00000000000000E+0
Node	49	8.65794578456209E+1	-1.69335172576532E+1	0.00000000000000E+0
Node	50	8.77122392101307E+1	-6.99788409410098E+0	0.00000000000000E+0
Node	51	9.09685325553421E+1	-1.74162316350450E+1	0.00000000000000E+0
Node	52	9.20221682345579E+1	-7.47189395805754E+0	0.00000000000000E+0
Node	53	9.53613116184085E+1	-1.78639838968686E+1	0.00000000000000E+0
Node	54	9.63357348119878E+1	-7.91157215818521E+0	0.00000000000000E+0
Node	55	9.97575165392448E+1	-1.82767456563090E+1	0.00000000000000E+0
Node	56	1.00652665471947E+2	-8.31689081987793E+0	0.00000000000000E+0
Node	57	1.08456717991997E+2	-1.89896262070781E+1	0.00000000000000E+0
Node	58	1.09194999177772E+2	-9.01691640174772E+0	0.00000000000000E+0
Node	59	1.12759043241427E+2	-1.92913110123507E+1	0.00000000000000E+0
Node	60	1.13419743044917E+2	-9.31316109674322E+0	0.00000000000000E+0
Node	61	1.17063584620278E+2	-1.95595269536918E+1	0.00000000000000E+0
Node	62	1.17646663079284E+2	-9.57654045277900E+0	0.00000000000000E+0
Node	63	1.21370081769660E+2	-1.97942578081440E+1	0.00000000000000E+0
Node	64	1.21875503617129E+2	-9.80703853945079E+0	0.00000000000000E+0
Node	65	1.25678274212993E+2	-1.99954893781139E+1	0.00000000000000E+0
Node	66	1.26106008878400E+2	-1.00046414151549E+1	0.00000000000000E+0
Node	67	1.29987901370570E+2	-2.01632094921686E+1	0.00000000000000E+0
Node	68	1.30337922982401E+2	-1.01693371279509E+1	0.00000000000000E+0
Node	69	1.34298702575876E+2	-2.02974080058088E+1	0.00000000000000E+0
Node	70	1.34570989963537E+2	-1.03011157162816E+1	0.00000000000000E+0
Node	71	1.38610417091763E+2	-2.03980768020899E+1	0.00000000000000E+0
Node	72	1.38804953785878E+2	-1.03999692095555E+1	0.00000000000000E+0
Node	73	1.42922784125604E+2	-2.04652097920919E+1	0.00000000000000E+0
Node	74	1.43039558359748E+2	-1.04658916286568E+1	0.00000000000000E+0
Node	75	1.47224506140611E+2	-2.04996511579341E+1	0.00000000000000E+0
Node	76	1.47285574830231E+2	-1.04998376303740E+1	0.00000000000000E+0
Node	77	1.55858025645728E+2	-2.04733055988306E+1	0.00000000000000E+0
Node	78	1.55747513655688E+2	-1.04739162610769E+1	0.00000000000000E+0
Node	79	1.60161056470442E+2	-2.04108804087948E+1	0.00000000000000E+0
Node	80	1.59991264691298E+2	-1.04123219737236E+1	0.00000000000000E+0
Node	81	1.64476218600903E+2	-2.03156454188377E+1	0.00000000000000E+0
Node	82	1.64221686770066E+2	-1.03188852648368E+1	0.00000000000000E+0
Node	83	1.68790430279093E+2	-2.01900229609139E+1	0.00000000000000E+0
Node	84	1.68451515792206E+2	-1.01957677623656E+1	0.00000000000000E+0
Node	85	1.73100020926066E+2	-2.00336360838448E+1	0.00000000000000E+0
Node	86	1.72683990171640E+2	-1.00422564966218E+1	0.00000000000000E+0
Node	87	1.77402652471316E+2	-1.98445746001148E+1	0.00000000000000E+0
Node	88	1.76920808783715E+2	-9.85616206889085E+0	0.00000000000000E+0
Node	89	1.81703827360970E+2	-1.96242185643807E+1	0.00000000000000E+0
Node	90	1.81156115905107E+2	-9.63923297363795E+0	0.00000000000000E+0
Node	91	1.86011951882739E+2	-1.93744403185026E+1	0.00000000000000E+0
Node	92	1.85381338880883E+2	-9.39434376503095E+0	0.00000000000000E+0
Node	93	1.90310124876107E+2	-1.90945498359220E+1	0.00000000000000E+0
Node	94	1.89612791080158E+2	-9.11889318610588E+0	0.00000000000000E+0
Node	95	1.94600545416983E+2	-1.87839378194378E+1	0.00000000000000E+0
Node	96	1.93847744552907E+2	-8.81231353525686E+0	0.00000000000000E+0
Node	97	2.03192369069660E+2	-1.80732075116250E+1	0.00000000000000E+0
Node	98	2.02292430669185E+2	-8.11378429201181E+0	0.00000000000000E+0
Node	99	2.07475008756996E+2	-1.76747561496452E+1	0.00000000000000E+0
Node	100	2.06520170275547E+2	-7.72044635529915E+0	0.00000000000000E+0
Node	101	2.11763175110463E+2	-1.72528821571153E+1	0.00000000000000E+0
Node	102	2.10737332949778E+2	-7.29784981045282E+0	0.00000000000000E+0
Node	103	2.16047105090553E+2	-1.67885288997429E+1	0.00000000000000E+0
Node	104	2.14951596956757E+2	-6.84871693244872E+0	0.00000000000000E+0
Node	105	2.20322538892641E+2	-1.63044182325268E+1	0.00000000000000E+0
Node	106	2.19169023838634E+2	-6.37117087771207E+0	0.00000000000000E+0
Node	107	2.24594678276833E+2	-1.57914548154155E+1	0.00000000000000E+0
Node	108	2.23383052027577E+2	-5.86512814094590E+0	0.00000000000000E+0
Node	109	2.28871454399047E+2	-1.52522359297470E+1	0.00000000000000E+0
Node	110	2.27586260693174E+2	-5.33516594196658E+0	0.00000000000000E+0
Node	111	2.33138696462445E+2	-1.46883979185897E+1	0.00000000000000E+0
Node	112	2.31792509141794E+2	-4.77941196810275E+0	0.00000000000000E+0
Node	113	2.37397667306419E+2	-1.40987364249099E+1	0.00000000000000E+0
Node	114	2.35999910975932E+2	-4.19690144463812E+0	0.00000000000000E+0
Node	115	2.41659308019421E+2	-1.34856130906489E+1	0.00000000000000E+0
Node	116	2.40199934856397E+2	-3.59267494901383E+0	0.00000000000000E+0
Node	117	2.50154311813290E+2	-1.21924678878099E+1	0.00000000000000E+0
Node	118	2.48601389883196E+2	-2.31378232444399E+0	0.00000000000000E+0
Node	119	2.54404165826049E+2	-1.15131920420938E+1	0.00000000000000E+0
Node	120	2.52790123357299E+2	-1.64430827069214E+0	0.00000000000000E+0
Node	121	2.58638861027929E+2	-1.08147245332479E+1	0.00000000000000E+0
Node	122	2.56987213801738E+2	-9.52064576366638E-1	0.00000000000000E+0
Node	123	2.62874400835678E+2	-1.00946632525849E+1	0.00000000000000E+0
Node	124	2.61176494403874E+2	-2.39864051777886E-1	0.00000000000000E+0
Node	125	2.67109914690056E+2	-9.35784066035217E+0	0.00000000000000E+0
Node	126	2.65360241459983E+2	4.87901748327431E-1	0.00000000000000E+0
Node	127	2.71328190985611E+2	-8.60347980517167E+0	0.00000000000000E+0
Node	128	2.69554217379861E+2	1.23791100160111E+0	0.00000000000000E+0
Node	129	2.75514186333184E+2	-7.86442060943887E+0	0.00000000000000E+0
Node	130	2.73783736781082E+2	1.98471773481879E+0	0.00000000000000E+0
Node	131	2.79736922140715E+2	-7.11259076595911E+0	0.00000000000000E+0
Node	132	2.77974929942953E+2	2.72785517344516E+0	0.00000000000000E+0

Node	133	2.83939817379266E+2	-6.35797233442781E+0	0.00000000000000E+0
Node	134	2.82182703753612E+2	3.48644465722418E+0	0.00000000000000E+0
Node	135	2.88137476610128E+2	-5.61115222854437E+0	0.00000000000000E+0
Node	136	2.86399344323045E+2	4.23252183855016E+0	0.00000000000000E+0
Node	137	2.94544778121742E+2	5.64109911908463E+0	0.00000000000000E+0
Node	138	2.96296481558314E+2	-4.20445965068097E+0	0.00000000000000E+0
Node	139	2.98817508043516E+2	6.59281794031517E+0	0.00000000000000E+0
Node	140	3.00744465494038E+2	-3.75884944349264E+0	0.00000000000000E+0
Node	141	3.03076151916830E+2	7.60415902946920E+0	0.00000000000000E+0
Node	142	3.05228928118658E+2	-3.46949243456697E+0	0.00000000000000E+0
Node	143	3.07332002625483E+2	8.61483679896696E+0	0.00000000000000E+0
Node	144	3.09739224012498E+2	-3.26172753159199E+0	0.00000000000000E+0
Node	145	3.11585602746812E+2	9.62498009986234E+0	0.00000000000000E+0
Node	146	3.14278256584465E+2	-3.13672219627688E+0	0.00000000000000E+0
Node	147	3.15837493712611E+2	1.06347175111691E+1	0.00000000000000E+0
Node	148	3.18849055479391E+2	-3.09594955800208E+0	0.00000000000000E+0
Node	149	3.20088216086270E+2	1.16441774056686E+1	0.00000000000000E+0
Node	150	3.23454795630954E+2	-3.14120849464666E+0	0.00000000000000E+0
Node	151	2.69853211044165E+0	9.62915083966504E+0	0.00000000000000E+0
Node	152	1.17831859633149E+1	7.17229344013390E+0	0.00000000000000E+0
Node	153	2.23625016602489E+1	4.52580060034506E+0	0.00000000000000E+0
Node	154	3.15345606888889E+1	2.40739941270203E+0	0.00000000000000E+0
Node	155	4.12276659418901E+1	3.50813529918014E-1	0.00000000000000E+0
Node	156	4.80345856852221E+1	-9.82526159031977E-1	0.00000000000000E+0
Node	157	5.87691871713757E+1	-2.90508509131382E+0	0.00000000000000E+0
Node	158	6.56157507000210E+1	-4.01707383478197E+0	0.00000000000000E+0
Node	159	7.54194430274890E+1	-5.45733839946092E+0	0.00000000000000E+0
Node	160	8.22980999367921E+1	-6.34980700978485E+0	0.00000000000000E+0
Node	161	9.11624110643331E+1	-7.37733709250665E+0	0.00000000000000E+0
Node	162	9.90502032399679E+1	-8.16643488290788E+0	0.00000000000000E+0
Node	163	1.10900181729148E+2	-9.14046022102889E+0	0.00000000000000E+0
Node	164	1.21285827894386E+2	-9.77687638868792E+0	0.00000000000000E+0
Node	165	1.35161223060602E+2	-1.03168727628378E+1	0.00000000000000E+0
Node	166	1.45564283178287E+2	-1.04860762684541E+1	0.00000000000000E+0
Node	167	1.57453866171356E+2	-1.04491500657238E+1	0.00000000000000E+0
Node	168	1.67856635068615E+2	-1.02159407192348E+1	0.00000000000000E+0
Node	169	1.81750442397543E+2	-9.60663096282178E+0	0.00000000000000E+0
Node	170	1.92136043353890E+2	-8.93622818020594E+0	0.00000000000000E+0
Node	171	2.04002947573894E+2	-7.95464223203294E+0	0.00000000000000E+0
Node	172	2.14360806241649E+2	-6.91168012928119E+0	0.00000000000000E+0
Node	173	2.28169319824661E+2	-5.25913643942886E+0	0.00000000000000E+0
Node	174	2.38504471279691E+2	-3.84070266406184E+0	0.00000000000000E+0
Node	175	2.50302103530954E+2	-2.04553614065458E+0	0.00000000000000E+0
Node	176	2.60594256935321E+2	-3.38847593325909E-1	0.00000000000000E+0
Node	177	2.74360364847727E+2	2.08615996872618E+0	0.00000000000000E+0
Node	178	2.84699518600021E+2	3.93176080300600E+0	0.00000000000000E+0
Node	179	2.95587833068609E+2	5.82040808451984E+0	0.00000000000000E+0
Node	180	3.04180898434625E+2	7.86651380243984E+0	0.00000000000000E+0
Node	181	3.14779355161173E+2	1.03834311799039E+1	0.00000000000000E+0
Node	182	3.24338309837395E+2	1.26534880151341E+1	0.00000000000000E+0
Node	183	3.28098818623594E+2	-3.27464836535296E+0	0.00000000000000E+0
Node	184	3.17721087214185E+2	-3.09807771960595E+0	0.00000000000000E+0
Node	185	3.06407409163352E+2	-3.40715805542982E+0	0.00000000000000E+0
Node	186	2.97282047411238E+2	-4.03503476329092E+0	0.00000000000000E+0
Node	187	2.86436396570004E+2	-5.91545173827694E+0	0.00000000000000E+0
Node	188	2.76102478031765E+2	-7.76092293115198E+0	0.00000000000000E+0
Node	189	2.62291039773325E+2	-1.01961464786938E+1	0.00000000000000E+0
Node	190	2.51865721054056E+2	-1.19225346865889E+1	0.00000000000000E+0
Node	191	2.39936618987372E+2	-1.37376190006086E+1	0.00000000000000E+0
Node	192	2.29466805320816E+2	-1.51746057371308E+1	0.00000000000000E+0
Node	193	2.15456742430841E+2	-1.68553761190706E+1	0.00000000000000E+0
Node	194	2.04920743887697E+2	-1.79214096438568E+1	0.00000000000000E+0
Node	195	1.92869553973447E+2	-1.89183160816128E+1	0.00000000000000E+0
Node	196	1.82298153969786E+2	-1.95916187689620E+1	0.00000000000000E+0
Node	197	1.20769577495223E+2	-1.97635417726119E+1	0.00000000000000E+0
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Node	199	9.81252480095138E+1	-1.81276123714949E+1	0.00000000000000E+0
Node	200	9.00926869669668E+1	-1.73227294426449E+1	0.00000000000000E+0
Node	201	8.10654813079429E+1	-1.62768760758897E+1	0.00000000000000E+0
Node	202	7.40613098175738E+1	-1.53618536280248E+1	0.00000000000000E+0
Node	203	6.40764288857952E+1	-1.39029139264278E+1	0.00000000000000E+0
Node	204	5.71043485308089E+1	-1.27688747447468E+1	0.00000000000000E+0
Node	205	4.61725551630382E+1	-1.08109988972839E+1	0.00000000000000E+0
Node	206	3.92408347254420E+1	-9.45197861742508E+0	0.00000000000000E+0
Node	207	2.93696910721158E+1	-7.35761882572683E+0	0.00000000000000E+0
Node	208	2.00287816125390E+1	-5.20190205400013E+0	0.00000000000000E+0
Node	209	9.25607606997096E+0	-2.50312466986566E+0	0.00000000000000E+0
Node	210	-3.76737857095577E-4	2.40349538898954E-4	0.00000000000000E+0
Node	211	1.34907768478070E+0	4.81469558921003E+0	0.00000000000000E+0
Node	212	5.56768988438989E+0	3.65266808471802E+0	0.00000000000000E+0
Node	213	9.79542068547084E+0	2.52426696822704E+0	0.00000000000000E+0
Node	214	1.05196310167791E+1	2.33458438535718E+0	0.00000000000000E+0
Node	215	1.40320020589199E+1	1.42956377795417E+0	0.00000000000000E+0
Node	216	1.82771654127030E+1	3.68627916210016E-1	0.00000000000000E+0
Node	217	2.11952075257707E+1	-3.39860240827875E-1	0.00000000000000E+0
Node	218	2.25306416134201E+1	-6.58473356150807E-1	0.00000000000000E+0
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Node	220	3.04518973337538E+1	-2.47614060604792E+0	0.00000000000000E+0
Node	221	3.10614533918458E+1	-2.61091381569281E+0	0.00000000000000E+0
Node	222	3.53382481329829E+1	-3.53612922202683E+0	0.00000000000000E+0
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Node	254	1.30162912176444E+2	-1.51662733112330E+1	0.00000000000000E+0
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Node	256	1.35030498760265E+2	-1.53151635866463E+1	0.00000000000000E+0
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Node	262	1.55802769650705E+2	-1.54736109296618E+1	0.00000000000000E+0
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Node	306	2.91478455072733E+2	4.06328994411069E-2	0.00000000000000E+0
Node	307	2.95420629833860E+2	7.18319768869151E-1	0.00000000000000E+0
Node	308	2.96435045792624E+2	8.92072648222666E-1	0.00000000000000E+0
Node	309	2.99798501911570E+2	1.32289242902607E+0	0.00000000000000E+0
Node	310	3.04187805697219E+2	1.88593039880197E+0	0.00000000000000E+0
Node	311	3.05333029770272E+2	2.03283402373199E+0	0.00000000000000E+0
Node	312	3.08581624631139E+2	2.44954754924993E+0	0.00000000000000E+0
Node	313	3.12980524424822E+2	3.01381644701405E+0	0.00000000000000E+0
Node	314	3.16294677666591E+2	3.43893947424135E+0	0.00000000000000E+0
Node	315	3.17385073390040E+2	3.57880999229201E+0	0.00000000000000E+0
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Node	321	1.34899774460026E+2	-2.03134544079869E+1	0.00000000000000E+0
Node	322	2.37279077401899E+0	8.47420532562614E+0	-2.50000000000000E+0
Node	323	3.25364595134033E-1	1.15518585290920E+0	-2.50000000000000E+0
Node	324	3.61365971120551E+1	1.79074284740182E-1	-2.50000000000000E+0
Node	325	3.45398991911909E+1	-7.25133255531091E+0	-2.50000000000000E+0
Node	326	7.03552364832351E+1	-5.94865745311199E+0	-2.50000000000000E+0
Node	327	6.92248875269481E+1	-1.34641877161439E+1	-2.50000000000000E+0
Node	328	1.04894577737224E+2	-9.88544371532180E+0	-2.50000000000000E+0
Node	329	1.04234978431880E+2	-1.74568706429579E+1	-2.50000000000000E+0
Node	330	1.51513365590128E+2	-1.17038086406571E+1	-2.50000000000000E+0
Node	331	1.51544706066138E+2	-1.93037440202877E+1	-2.50000000000000E+0
Node	332	1.98167430890149E+2	-9.67309447800994E+0	-2.50000000000000E+0
Node	333	1.98801711763398E+2	-1.72465804388821E+1	-2.50000000000000E+0
Node	334	2.44576570024484E+2	-4.15331079927205E+0	-2.50000000000000E+0
Node	335	2.45734684802455E+2	-1.16645582770609E+1	-2.50000000000000E+0
Node	336	2.90812808157000E+2	3.78194303976102E+0	-2.50000000000000E+0
Node	337	2.92144101989196E+2	-3.70067724497494E+0	-2.50000000000000E+0
Node	338	3.24614296017714E+2	1.14856552556100E+1	-2.50000000000000E+0
Node	339	3.27812771811157E+2	-2.06305895053379E+0	-2.50000000000000E+0
Node	340	1.34907768478070E+0	4.81469558921003E+0	-2.50000000000000E+0
Node	341	3.53382481329829E+1	-3.53612922202683E+0	-2.50000000000000E+0
Node	342	6.97900619751902E+1	-9.70642278344167E+0	-2.50000000000000E+0
Node	343	1.04564778053422E+2	-1.36711575364818E+1	-2.50000000000000E+0
Node	344	1.51529035828133E+2	-1.55037763304717E+1	-2.50000000000000E+0
Node	345	1.98484571326773E+2	-1.34598374584456E+1	-2.50000000000000E+0
Node	346	2.45155627413470E+2	-7.90893453816579E+0	-2.50000000000000E+0
Node	347	2.91478455072733E+2	4.06328994411069E-2	-2.50000000000000E+0
Node	348	3.26213406867676E+2	4.71126452278099E+0	-2.50000000000000E+0
Node	349	3.61365971120551E+1	1.79074284740182E-1	-2.94000000000000E+0
Node	350	3.45398991911909E+1	-7.25133255531091E+0	-2.94000000000000E+0
Node	351	3.53382481329829E+1	-3.53612922202683E+0	-2.94000000000000E+0
Node	352	3.61365971120551E+1	1.79074284740182E-1	-2.94000000000000E+0
Node	353	3.45398991911909E+1	-7.25133255531091E+0	-2.94000000000000E+0
Node	354	3.53382481329829E+1	-3.53612922202683E+0	-2.94000000000000E+0
Node	355	3.61365971120551E+1	1.79074284740182E-1	-3.05000000000000E+0
Node	356	3.45398991911909E+1	-7.25133255531091E+0	-3.05000000000000E+0
Node	357	3.53382481329829E+1	-3.53612922202683E+0	-3.05000000000000E+0
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Node	366	1.04894577737224E+2	-9.88544371532180E+0	-2.94000000000000E+0
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Node	368	1.04564778053422E+2	-1.36711575364818E+1	-2.94000000000000E+0
Node	369	1.04894577737224E+2	-9.88544371532180E+0	-3.00000000000000E+0
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Node	371	1.04564778053422E+2	-1.36711575364818E+1	-3.00000000000000E+0
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Node	373	1.51513365590128E+2	-1.17038086406571E+1	-2.94000000000000E+0
Node	374	1.51544706066138E+2	-1.93037440202877E+1	-2.94000000000000E+0
Node	375	1.51529035828133E+2	-1.55037763304717E+1	-2.94000000000000E+0
Node	376	1.51513365590128E+2	-1.17038086406571E+1	-3.00000000000000E+0
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Node	379	1.51529035828133E+2	-1.55037763304717E+1	-1.95000000000000E+1
Node	380	1.98167430890149E+2	-9.67309447800994E+0	-2.94000000000000E+0
Node	381	1.98801711763398E+2	-1.72465804388821E+1	-2.94000000000000E+0
Node	382	1.98484571326773E+2	-1.34598374584456E+1	-2.94000000000000E+0
Node	383	1.98167430890149E+2	-9.67309447800994E+0	-3.00000000000000E+0
Node	384	1.98801711763398E+2	-1.72465804388821E+1	-3.00000000000000E+0
Node	385	1.98484571326773E+2	-1.34598374584456E+1	-3.00000000000000E+0
Node	386	1.98484571326773E+2	-1.34598374584456E+1	-2.00000000000000E+1
Node	387	2.44576570024484E+2	-4.15331079927205E+0	-2.94000000000000E+0
Node	388	2.45734684802455E+2	-1.16645582770609E+1	-2.94000000000000E+0
Node	389	2.45155627413470E+2	-7.90893453816579E+0	-2.94000000000000E+0
Node	390	2.44576570024484E+2	-4.15331079927205E+0	-3.00000000000000E+0
Node	391	2.45734684802455E+2	-1.16645582770609E+1	-3.00000000000000E+0
Node	392	2.45155627413470E+2	-7.90893453816579E+0	-3.00000000000000E+0
Node	393	2.45155627413470E+2	-7.90893453816579E+0	-1.90000000000000E+1
Node	394	2.90812808157000E+2	3.78194303976102E+0	-2.94000000000000E+0
Node	395	2.92144101989196E+2	-3.70067724497494E+0	-2.94000000000000E+0
Node	396	2.91478455072733E+2	4.06328994411069E-2	-2.94000000000000E+0
Node	397	2.90812808157000E+2	3.78194303976102E+0	-3.00000000000000E+0
Node	398	2.92144101989196E+2	-3.70067724497494E+0	-3.00000000000000E+0
Node	399	2.91478455072733E+2	4.06328994411069E-2	-3.00000000000000E+0
Node	400	2.91478455072733E+2	4.06328994411069E-2	-1.70000000000000E+1
Node	401	2.91478455072733E+2	4.06328994411069E-2	-1.70000000000000E+1
Node	402	2.91478455072733E+2	4.06328994411069E-2	-1.70000000000000E+1
Node	403	2.91478455072733E+2	4.06328994411069E-2	-1.70000000000000E+1
Node	404	2.91478455072733E+2	4.06328994411069E-2	-1.70000000000000E+1
Node	405	3.24614296017714E+2	1.14856552556100E+1	-3.14000000000000E+0
Node	406	3.27812771811157E+2	-2.06305895053379E+0	-3.14000000000000E+0
Node	407	3.26213406867676E+2	4.71126452278099E+0	-3.14000000000000E+0
Node	408	3.24614296017714E+2	1.14856552556100E+1	-3.20000000000000E+0
Node	409	3.27812771811157E+2	-2.06305895053379E+0	-3.20000000000000E+0
Node	410	3.26213406867676E+2	4.71126452278099E+0	-3.20000000000000E+0
Node	411	3.26213406867676E+2	4.71126452278099E+0	-1.47000000000000E+1

/ _____
/ BEAM ELEMENTS

Beam	1	3	55	1	222
Beam	2	3	55	4	234
Beam	3	3	55	6	246
Beam	4	3	55	8	261
Beam	5	3	55	10	276
Beam	6	3	55	12	306
Beam	7	3	55	14	291
Beam	8	4	56	15	212
Beam	9	4	56	18	213
Beam	10	4	56	19	215
Beam	11	4	56	21	216
Beam	12	4	56	23	218
Beam	13	4	56	25	219
Beam	14	4	56	27	221
Beam	15	4	56	29	223
Beam	16	4	56	31	225
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Beam	18	4	56	35	228
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Beam	20	4	56	39	231
Beam	21	4	56	41	233
Beam	22	4	56	43	235
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Beam	24	4	56	47	239
Beam	25	4	56	49	240
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Beam	38	4	56	75	260
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Beam	42	4	56	83	267
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Beam	46	4	56	91	272
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Beam	51	4	56	101	280
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Beam	53	4	56	105	283
Beam	54	4	56	107	284
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Beam	83	8	152	28	2
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Beam	182	7	167	115	14
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Beam	184	7	166	113	191
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Beam	187	7	141	109	192
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Beam	266	8	161	166	76
Beam	267	8	161	78	167
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Beam	274	8	167	174	116
Beam	275	8	145	176	124
Beam	276	8	145	130	177
Beam	277	8	170	178	136
Beam	278	6	234	211	212
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Beam	287	6	266	220	221
Beam	288	6	266	221	222
Beam	289	6	266	222	223
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Beam	291	6	238	224	225
Beam	292	6	238	225	226
Beam	293	6	239	226	227
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Beam	295	6	239	228	229
Beam	296	6	239	229	230
Beam	297	6	240	230	231
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Beam	299	6	248	232	233
Beam	300	6	269	233	234
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Beam	302	6	269	235	236
Beam	303	6	242	236	237
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Beam	310	6	244	243	244
Beam	311	6	272	244	245
Beam	312	6	272	245	246
Beam	313	6	272	246	247
Beam	314	6	272	247	248
Beam	315	6	273	248	249
Beam	316	6	246	249	250
Beam	317	6	246	250	251
Beam	318	6	247	251	252
Beam	319	6	247	252	253
Beam	320	6	247	253	254
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Beam	322	6	247	255	256
Beam	323	6	248	256	257
Beam	324	6	248	257	258
Beam	325	6	248	258	259
Beam	326	6	275	259	260
Beam	327	6	275	260	261
Beam	328	6	275	261	262
Beam	329	6	275	262	263
Beam	330	6	276	263	264
Beam	331	6	250	264	265
Beam	332	6	250	265	266
Beam	333	6	251	266	267
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   BmAngle               490        355.02
   BmAngle               491          0.24
   BmAngle               492          0.24
   BmAngle               493          0.24
   BmAngle               494        270.00
   BmAngle               495        270.00
   BmAngle               496          0.24
   BmAngle               497          2.49
   BmAngle               498          2.49
   BmAngle               499          2.49
   BmAngle               500        270.00
   BmAngle               501        270.00
   BmAngle               502          4.79
   BmAngle               503          4.64
   BmAngle               504          4.64
   BmAngle               505          4.64
   BmAngle               506        270.00
   BmAngle               507        270.00
   BmAngle               508          8.77
   BmAngle               509          6.34
   BmAngle               510          6.34
   BmAngle               511          6.34
   BmAngle               512        270.00
   BmAngle               513        270.00
   BmAngle               514         10.09
   BmAngle               515          6.60
   BmAngle               516          6.60
   BmAngle               517          6.60
   BmAngle               518        270.00
   BmAngle               519        270.00
   BmAngle               520         13.28

/ ____________________________________________________________________________
/ RIGID LINKS

   RigidLink               5     323     210         XYZ
   RigidLink               5     322     151         XYZ
   RigidLink               5     325       1         XYZ
   RigidLink               5     324       2         XYZ
   RigidLink               5     326       3         XYZ
   RigidLink               5     327       4         XYZ
   RigidLink               5     328       5         XYZ
   RigidLink               5     329       6         XYZ
   RigidLink               5     330       7         XYZ
   RigidLink               5     331       8         XYZ
   RigidLink               5     332       9         XYZ
   RigidLink               5     333      10         XYZ
   RigidLink               5     334      13         XYZ
   RigidLink               5     335      14         XYZ
   RigidLink               5     336      11         XYZ
   RigidLink               5     337      12         XYZ
   RigidLink               5     338     182         XYZ
   RigidLink               5     339     183         XYZ
   RigidLink               1     348     317         XYZ
   RigidLink               1     347     306         XYZ
   RigidLink               1     346     291         XYZ
   RigidLink               1     345     276         XYZ
   RigidLink               1     344     261         XYZ
   RigidLink               1     343     246         XYZ
   RigidLink               1     342     234         XYZ
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   RigidLink                1     341     222          XYZ
   RigidLink                1     340     211          XYZ

/ ____________________________________________________________________________
/ MASTER-SLAVE LINKS

   MasterSlaveLink          1     354     341       4          +DY   +DZ
   MasterSlaveLink          1     353     325       4          +DY
   MasterSlaveLink          1     352     324       4          +DY
   MasterSlaveLink          1     360     327       5          +DY
   MasterSlaveLink          1     359     326       5          +DY
   MasterSlaveLink          1     361     342       5          +DY   +DZ
   MasterSlaveLink          1     368     343       6          +DY   +DZ
   MasterSlaveLink          1     367     329       6          +DY
   MasterSlaveLink          1     366     328       6          +DY
   MasterSlaveLink          1     374     331       2          +DY   +DZ
   MasterSlaveLink          1     373     330       2          +DY   +DZ
   MasterSlaveLink          1     375     344       2    +DX   +DY   +DZ
   MasterSlaveLink          1     382     345       7          +DY   +DZ
   MasterSlaveLink          1     381     333       7          +DY
   MasterSlaveLink          1     380     332       7          +DY
   MasterSlaveLink          1     388     335       8          +DY
   MasterSlaveLink          1     387     334       8          +DY
   MasterSlaveLink          1     389     346       8          +DY   +DZ
   MasterSlaveLink          1     395     337       9          +DY
   MasterSlaveLink          1     394     336       9          +DY
   MasterSlaveLink          1     396     347       9          +DY   +DZ
   MasterSlaveLink          1     407     348      10          +DY   +DZ
   MasterSlaveLink          1     406     339      10          +DY
   MasterSlaveLink          1     405     338      10          +DY

/ ____________________________________________________________________________
/ NODE RESTRAINTS (ROTATION AS RADIAN)
/ Freedom Case 1
   NdFreedom                1     322       3           DY
   NdFreedom                1     323       3           DY
   NdFreedom                1     340       3           DY  DZ
   NdFreedom                1     349       4           DY
   NdFreedom                1     350       4           DY
   NdFreedom                1     351       4           DY  DZ
   NdFreedom                1     358       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     365       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     372       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     379       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     386       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     393       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     400       1       DX  DY  DZ  RX  RY  RZ
   NdFreedom                1     411       1       DX  DY  DZ  RX  RY  RZ

/ ____________________________________________________________________________
/ BEAM NON-STRUCTURAL MASSES
/ p.p.
   BmNSMass                12       1       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       2       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       3       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       4       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       5       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       6       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       7       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       8       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12       9       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      10       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      11       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      12       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      13       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      14       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      15       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      16       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      17       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      18       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      19       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      20       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      21       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      22       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      23       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      24       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      25       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      26       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      27       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      28       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      29       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                12      30       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
```

BmNSMass		12	31	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	32	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	33	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	34	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	35	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	36	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	37	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	38	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	39	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	40	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	41	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	42	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	43	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	44	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	45	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	46	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	47	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	48	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	49	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	50	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	51	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	52	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	53	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	54	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	55	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	56	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	57	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	58	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	59	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	60	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	61	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	62	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	63	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	64	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	65	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	66	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	67	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	68	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	69	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	70	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	71	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	72	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	73	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	74	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	75	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	76	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	77	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	78	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	79	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	80	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	81	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	82	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	83	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	84	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	85	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	86	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							

BmNSMass		12	87	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	88	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	89	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	90	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	91	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	92	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	93	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	94	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	95	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	96	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	97	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	98	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	99	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	100	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	101	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	102	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	103	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	104	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	105	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	106	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	107	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	108	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	109	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	110	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	111	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	112	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	113	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	114	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	115	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	116	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	117	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	118	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	119	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	120	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	121	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	122	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	123	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	124	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	125	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	126	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	127	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	128	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	129	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	130	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	131	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	132	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	133	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	134	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	135	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	136	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	137	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	138	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	139	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	140	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	141	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	142	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

BmNSMass		12	143	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	144	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	145	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	146	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	147	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	148	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	149	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	150	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	151	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	152	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	153	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	154	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	155	1	1.158660000000000E+3	1.158660000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	156	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	157	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	158	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	159	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	160	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	161	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	162	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	163	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	164	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	165	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	166	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	167	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	168	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	169	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	170	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	171	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	172	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	173	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	174	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	175	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	176	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	177	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	178	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	179	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	180	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	181	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	182	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	183	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	184	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	185	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	186	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	187	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	188	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	189	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	190	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	191	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	192	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	193	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	194	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	195	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	196	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	197	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	198	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

BmNSMass		12	199	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	200	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	201	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	202	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	203	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	204	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	205	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	206	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	207	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	208	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	209	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	210	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	211	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	212	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	213	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	214	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	215	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	216	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	217	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	218	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	219	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	220	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	221	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	222	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	223	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	224	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	225	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	226	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	227	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	228	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	229	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	230	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	231	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	232	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	233	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	234	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	235	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	236	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	237	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	238	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	239	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	240	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	241	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	242	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	243	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	244	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	245	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	246	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	247	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	248	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	249	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	250	1	1.158660000000000E+3	1.158660000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	251	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	252	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	253	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	254	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

BmNSMass		12	255	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	256	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	257	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	258	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	259	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	260	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	261	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	262	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	263	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	264	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	265	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	266	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	267	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	268	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	269	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	270	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	271	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	272	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	273	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	274	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	275	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	276	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	277	1	1.398870000000000E+3	1.398870000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	278	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	279	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	280	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	281	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	282	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	283	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	284	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	285	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	286	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	287	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	288	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	289	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	290	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	291	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	292	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	293	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	294	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	295	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	296	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	297	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	298	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	299	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	300	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	301	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	302	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	303	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	304	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	305	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	306	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	307	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	308	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	309	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		12	310	1	1.370610000000000E+3	1.370610000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

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   BmNSMass                12     311       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     312       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     313       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     314       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     315       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     316       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     317       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     318       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     319       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     320       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     321       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     322       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     323       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     324       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     325       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     326       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     327       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     328       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     329       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     330       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     331       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     332       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     333       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     334       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     335       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     336       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     337       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     338       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     339       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     340       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     341       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     342       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     343       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     344       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     345       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     346       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     347       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     348       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     349       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     350       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     351       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     352       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     353       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     354       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     355       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     356       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     357       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     358       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     359       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     360       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     361       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     362       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     363       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     364       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     365       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                12     366       1     1.37061000000000E+3     1.37061000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
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BmNSMass		12	367	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	368	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	369	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	370	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	371	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	372	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	373	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	374	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	375	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	376	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	377	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	378	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	379	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	380	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	381	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	382	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	383	1	1.37061000000000E+3	1.37061000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	384	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	385	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	386	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	387	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	388	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	389	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	390	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	391	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	392	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	393	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	394	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	395	1	1.39887000000000E+3	1.39887000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	396	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	397	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	398	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	399	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	400	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	401	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	402	1	1.15866000000000E+3	1.15866000000000E+3	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	403	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	404	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	405	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	406	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	407	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	408	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	409	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	410	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	411	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	412	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	413	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	414	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	415	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	416	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	417	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	418	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	419	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	420	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	421	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							
BmNSMass		12	422	1	5.65200000000000E+2	5.65200000000000E+2	0.00000000000000E+0	0.00000000000000E+0	
0.00	0.00	1.00000000000000E+0							

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   BmNSMass              12     423       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     424       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     425       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     426       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     427       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     428       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     429       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     430       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     431       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     432       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     433       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     434       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     435       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     436       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     437       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     438       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     439       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     440       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     441       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     442       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     443       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     444       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     445       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     446       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     447       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     448       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     449       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     450       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     451       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     452       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     453       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     454       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     455       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     456       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     457       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     458       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     459       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     460       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     461       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     462       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     463       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     464       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     465       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     466       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     467       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     468       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     469       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     470       1     5.652000000000000E+2      5.652000000000000E+2      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     471       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass              12     472       1     1.158660000000000E+3      1.158660000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0

/ ____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Soletta
   BmDistLoadG           13      76      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG           13      77      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG           13      78      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG           13      79      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13      80      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      81      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      82      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      83      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      84      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      85      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      86      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      87      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      88      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      89      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      90      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      91      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      92      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      93      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      94      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      95      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      96      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      97      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      98      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13      99      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     100      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     101      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     102      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     103      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     104      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     105      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     106      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     107      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     108      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     109      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     110      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     111      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     112      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     113      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     114      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     115      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     116      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     117      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     118      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     119      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     120      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     121      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     122      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     123      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     124      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     125      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     126      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     127      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     128      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     129      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     130      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     131      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     132      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     133      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     134      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     135      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     136      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     137      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     138      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     139      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     140      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     141      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     142      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     143      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     144      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     145      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     146      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     147      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     148      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     149      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     150      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     151      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     152      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     153      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     154      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     156      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     157      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     158      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     159      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     160      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     161      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     162      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     163      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     164      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     165      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     166      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     167      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     168      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     169      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     170      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     171      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     172      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     173      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     174      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     175      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     176      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     177      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     178      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     179      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     180      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     181      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     182      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     183      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     184      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     185      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     186      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     187      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     188      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     189      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     190      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     191      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     192      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13     193      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     194      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     195      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     196      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     197      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     198      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     199      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     200      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     201      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     202      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     203      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     204      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     205      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     206      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     207      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     208      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     209      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     210      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     211      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     212      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     213      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     214      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     215      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     216      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     217      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     218      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     219      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     220      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     221      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     222      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     223      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     224      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     225      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     226      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     227      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     228      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     229      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     230      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     231      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     232      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     233      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     234      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     235      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     236      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     237      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     238      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     239      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     240      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     241      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     242      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     243      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     244      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     245      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     246      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     247      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     248      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            13     249      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     251      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     252      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     253      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     254      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     255      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     256      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     257      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     258      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     259      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     260      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     261      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     262      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     263      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     264      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     265      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     266      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     267      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     268      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     269      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     270      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     271      Z      1    -4.187500000000000E+1     -4.187500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     272      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     273      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     274      Z      1    -3.937500000000000E+1     -3.937500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     275      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     276      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     277      Z      1    -3.562500000000000E+1     -3.562500000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     278      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     279      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     280      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     281      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     282      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     283      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     284      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     285      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     286      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     287      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     288      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     289      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     290      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     291      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     292      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     293      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     294      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     295      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     296      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     297      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     298      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     299      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     300      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     301      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     302      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     303      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     304      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            13     305      Z      1    -3.125000000000000E+1     -3.125000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            13     306      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     307      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     308      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     309      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     310      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     311      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     312      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     313      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     314      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     315      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     316      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     317      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     318      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     319      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     320      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     321      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     322      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     323      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     324      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     325      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     326      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     327      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     328      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     329      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     330      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     331      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     332      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     333      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     334      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     335      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     336      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     337      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     338      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     339      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     340      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     341      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     342      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     343      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     344      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     345      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     346      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     347      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     348      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     349      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     350      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     351      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     352      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     353      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     354      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     355      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     356      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     357      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     358      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     359      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     360      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            13     361      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             13     362      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     363      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     364      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     365      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     366      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     367      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     368      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     369      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     370      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     371      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     372      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     373      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     374      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     375      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     376      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     377      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     378      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     379      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     380      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     381      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     382      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     383      Z      1    -3.12500000000000E+1     -3.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     384      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     385      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     386      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     387      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     388      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     389      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     390      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     391      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     392      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     393      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     394      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             13     395      Z      1    -4.18750000000000E+1     -4.18750000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM NON-STRUCTURAL MASSES
/ Soletta
   BmNSMass                13      76      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      77      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      78      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      79      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      80      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      81      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      82      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      83      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      84      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      85      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      86      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      87      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      88      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      89      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      90      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      91      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      92      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      93      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      94      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13      95      1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
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   BmNSMass                13      96       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13      97       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13      98       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13      99       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     100       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     101       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     102       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     103       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     104       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     105       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     106       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     107       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     108       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     109       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     110       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     111       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     112       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     113       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     114       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     115       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     116       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     117       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     118       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     119       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     120       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     121       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     122       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     123       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     124       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     125       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     126       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     127       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     128       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     129       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     130       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     131       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     132       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     133       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     134       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     135       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     136       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     137       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     138       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     139       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     140       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     141       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     142       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     143       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     144       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     145       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     146       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     147       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     148       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     149       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     150       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     151       1     4.188000000000000E+3      4.188000000000000E+3      0.000000000000000E+0      0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
```

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   BmNSMass                13     152       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     153       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     154       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     156       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     157       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     158       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     159       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     160       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     161       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     162       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     163       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     164       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     165       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     166       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     167       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     168       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     169       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     170       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     171       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     172       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     173       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     174       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     175       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     176       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     177       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     178       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     179       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     180       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     181       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     182       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     183       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     184       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     185       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     186       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     187       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     188       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     189       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     190       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     191       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     192       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     193       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     194       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     195       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     196       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     197       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     198       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     199       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     200       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     201       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     202       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     203       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     204       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     205       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     206       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     207       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     208       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
```

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   BmNSMass                13     209       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     210       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     211       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     212       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     213       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     214       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     215       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     216       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     217       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     218       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     219       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     220       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     221       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     222       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     223       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     224       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     225       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     226       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     227       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     228       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     229       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     230       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     231       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     232       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     233       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     234       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     235       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     236       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     237       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     238       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     239       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     240       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     241       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     242       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     243       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     244       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     245       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     246       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     247       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     248       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     249       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     251       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     252       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     253       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     254       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     255       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     256       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     257       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     258       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     259       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     260       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     261       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     262       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     263       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     264       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
   BmNSMass                13     265       1     4.188000000000000E+3     4.188000000000000E+3     0.000000000000000E+0     0.000000000000000E+0
0.00          0.00     1.000000000000000E+0
```

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   BmNSMass                13     266       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     267       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     268       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     269       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     270       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     271       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     272       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     273       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     274       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     275       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     276       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     277       1     4.18800000000000E+3     4.18800000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     278       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     279       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     280       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     281       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     282       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     283       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     284       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     285       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     286       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     287       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     288       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     289       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     290       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     291       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     292       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     293       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     294       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     295       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     296       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     297       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     298       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     299       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     300       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     301       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     302       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     303       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     304       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     305       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     306       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     307       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     308       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     309       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     310       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     311       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     312       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     313       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     314       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     315       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     316       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     317       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     318       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     319       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     320       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     321       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
```

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   BmNSMass                13     322       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     323       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     324       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     325       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     326       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     327       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     328       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     329       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     330       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     331       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     332       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     333       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     334       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     335       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     336       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     337       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     338       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     339       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     340       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     341       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     342       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     343       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     344       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     345       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     346       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     347       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     348       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     349       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     350       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     351       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     352       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     353       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     354       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     355       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     356       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     357       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     358       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     359       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     360       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     361       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     362       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     363       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     364       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     365       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     366       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     367       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     368       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     369       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     370       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     371       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     372       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     373       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     374       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     375       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     376       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                13     377       1     3.12500000000000E+3     3.12500000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
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   BmNSMass               13     378       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     379       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     380       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     381       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     382       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     383       1     3.12500000000000E+3      3.12500000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     384       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     385       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     386       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     387       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     388       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     389       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     390       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     391       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     392       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     393       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     394       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass               13     395       1     4.18800000000000E+3      4.18800000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Perm. non strutturale
   BmDistLoadG            14      76      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      77      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      78      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      79      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      80      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      81      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      82      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      83      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      84      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      85      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      86      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      87      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      88      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      89      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      90      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      91      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      92      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      93      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      94      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      95      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      96      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      97      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      98      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14      99      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     100      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     101      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     102      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     103      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     104      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     105      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     106      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     107      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     108      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     109      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     110      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
   BmDistLoadG            14     111      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00           0.00
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   BmDistLoadG            14     112      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     113      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     114      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     115      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     116      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     117      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     118      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     119      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     120      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     121      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     122      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     123      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     124      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     125      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     126      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     127      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     128      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     129      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     130      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     131      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     132      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     133      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     134      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     135      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     136      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     137      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     138      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     139      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     140      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     141      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     142      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     143      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     144      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     145      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     146      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     147      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     148      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     149      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     150      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     151      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     152      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     153      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     154      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     156      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     157      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     158      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     159      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     160      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     161      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     162      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     163      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     164      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     165      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     166      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     167      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     168      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            14     169      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     170      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     171      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     172      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     173      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     174      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     175      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     176      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     177      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     178      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     179      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     180      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     181      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     182      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     183      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     184      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     185      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     186      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     187      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     188      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     189      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     190      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     191      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     192      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     193      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     194      Z      1    -2.03700000000000E+1     -2.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     195      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     196      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     197      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     198      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     199      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     200      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     201      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     202      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     203      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     204      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     205      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     206      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     207      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     208      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     209      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     210      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     211      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     212      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     213      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     214      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     215      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     216      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     217      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     218      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     219      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     220      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     221      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     222      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     223      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            14     224      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     225      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     226      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     227      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     228      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     229      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     230      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     231      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     232      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     233      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     234      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     235      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     236      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     237      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     238      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     239      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     240      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     241      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     242      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     243      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     244      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     245      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     246      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     247      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     248      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     249      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     251      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     252      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     253      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     254      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     255      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     256      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     257      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     258      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     259      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     260      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     261      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     262      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     263      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     264      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     265      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     266      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     267      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     268      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     269      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     270      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     271      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     272      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     273      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     274      Z      1    -2.037000000000000E+1     -2.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     275      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     276      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     277      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     278      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     279      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     280      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     281      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            14     282      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     283      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     284      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     285      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     286      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     287      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     288      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     289      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     290      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     291      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     292      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     293      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     294      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     295      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     296      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     297      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     298      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     299      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     300      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     301      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     302      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     303      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     304      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     305      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     306      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     307      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     308      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     309      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     310      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     311      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     312      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     313      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     314      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     315      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     316      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     317      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     318      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     319      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     320      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     321      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     322      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     323      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     324      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     325      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     326      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     327      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     328      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     329      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     330      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     331      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     332      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     333      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     334      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     335      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     336      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     337      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
```

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   BmDistLoadG            14     338      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     339      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     340      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     341      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     342      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     343      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     344      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     345      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     346      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     347      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     348      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     349      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     350      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     351      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     352      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     353      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     354      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     355      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     356      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     357      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     358      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     359      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     360      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     361      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     362      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     363      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     364      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     365      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     366      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     367      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     368      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     369      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     370      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     371      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     372      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     373      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     374      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     375      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     376      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     377      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     378      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     379      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     380      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     381      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     382      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     383      Z      1    -1.827000000000000E+1     -1.827000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     384      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     385      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     386      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     387      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     388      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     389      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     390      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     391      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     392      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            14     393      Z      1    -2.337000000000000E+1     -2.337000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG             14     394      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             14     395      Z      1    -2.33700000000000E+1     -2.33700000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM NON-STRUCTURAL MASSES
/ Perm. non strutturale
   BmNSMass                14      76       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      77       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      78       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      79       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      80       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      81       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      82       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      83       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      84       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      85       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      86       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      87       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      88       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      89       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      90       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      91       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      92       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      93       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      94       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      95       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      96       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      97       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      98       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14      99       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     100       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     101       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     102       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     103       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     104       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     105       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     106       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     107       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     108       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     109       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     110       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     111       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     112       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     113       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     114       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     115       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     116       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     117       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     118       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     119       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     120       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     121       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     122       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     123       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     124       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     125       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     126       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass                14     127       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
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BmNSMass		14	128	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	129	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	130	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	131	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	132	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	133	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	134	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	135	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	136	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	137	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	138	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	139	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	140	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	141	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	142	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	143	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	144	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	145	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	146	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	147	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	148	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	149	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	150	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	151	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	152	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	153	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	154	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	156	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	157	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	158	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	159	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	160	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	161	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	162	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	163	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	164	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	165	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	166	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	167	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	168	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	169	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	170	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	171	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	172	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	173	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	174	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	175	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	176	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	177	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	178	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	179	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	180	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	181	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	182	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	183	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	184	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

BmNSMass		14	185	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	186	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	187	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	188	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	189	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	190	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	191	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	192	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	193	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	194	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	195	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	196	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	197	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	198	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	199	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	200	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	201	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	202	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	203	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	204	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	205	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	206	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	207	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	208	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	209	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	210	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	211	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	212	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	213	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	214	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	215	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	216	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	217	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	218	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	219	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	220	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	221	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	222	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	223	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	224	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	225	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	226	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	227	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	228	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	229	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	230	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	231	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	232	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	233	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	234	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	235	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	236	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	237	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	238	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	239	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							
BmNSMass		14	240	1	2.337000000000000E+3	2.337000000000000E+3	0.000000000000000E+0	0.000000000000000E+0	
0.00	0.00	1.000000000000000E+0							

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   BmNSMass              14     241       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     242       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     243       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     244       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     245       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     246       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     247       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     248       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     249       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     251       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     252       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     253       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     254       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     255       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     256       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     257       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     258       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     259       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     260       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     261       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     262       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     263       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     264       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     265       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     266       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     267       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     268       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     269       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     270       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     271       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     272       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     273       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     274       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     275       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     276       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     277       1     2.33700000000000E+3     2.33700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     278       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     279       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     280       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     281       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     282       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     283       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     284       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     285       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     286       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     287       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     288       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     289       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     290       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     291       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     292       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     293       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     294       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     295       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     296       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     297       1     1.82700000000000E+3     1.82700000000000E+3     0.00000000000000E+0     0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
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BmNSMass		14	298	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	299	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	300	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	301	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	302	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	303	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	304	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	305	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	306	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	307	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	308	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	309	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	310	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	311	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	312	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	313	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	314	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	315	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	316	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	317	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	318	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	319	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	320	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	321	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	322	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	323	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	324	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	325	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	326	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	327	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	328	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	329	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	330	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	331	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	332	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	333	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	334	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	335	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	336	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	337	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	338	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	339	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	340	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	341	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	342	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	343	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	344	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	345	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	346	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	347	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	348	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	349	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	350	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	351	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	352	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						
BmNSMass		14	353	1	1.827000000000000E+3	1.827000000000000E+3	0.000000000000000E+0	0.000000000000000E+0
0.00	0.00	1.000000000000000E+0						

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   BmNSMass              14     354       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     355       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     356       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     357       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     358       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     359       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     360       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     361       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     362       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     363       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     364       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     365       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     366       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     367       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     368       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     369       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     370       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     371       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     372       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     373       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     374       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     375       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     376       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     377       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     378       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     379       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     380       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     381       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     382       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     383       1     1.82700000000000E+3      1.82700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     384       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     385       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     386       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     387       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     388       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     389       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     390       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     391       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     392       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     393       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     394       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0
   BmNSMass              14     395       1     2.33700000000000E+3      2.33700000000000E+3      0.00000000000000E+0      0.00000000000000E+0
0.00          0.00     1.00000000000000E+0

/ _____________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ Ritiro
   BmTempGrad            15      76     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      77     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      78     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      79     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      80     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      81     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      82     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      83     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      84     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      85     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      86     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      87     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      88     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      89     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      90     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      91     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      92     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      93     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      94     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      95     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      96     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      97     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      98     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15      99     0.00000000000000E+0      1.11000000000000E+1
   BmTempGrad            15     100     0.00000000000000E+0      1.11000000000000E+1
```

BmTempGrad	15	101	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	102	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	103	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	104	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	105	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	106	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	107	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	108	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	109	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	110	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	111	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	112	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	113	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	114	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	115	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	116	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	117	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	118	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	119	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	120	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	121	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	122	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	123	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	124	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	125	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	126	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	127	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	128	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	129	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	130	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	131	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	132	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	133	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	134	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	135	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	136	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	137	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	138	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	139	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	140	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	141	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	142	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	143	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	144	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	145	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	146	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	147	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	148	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	149	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	150	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	151	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	152	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	153	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	154	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	156	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	157	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	158	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	159	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	160	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	161	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	162	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	163	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	164	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	165	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	166	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	167	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	168	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	169	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	170	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	171	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	172	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	173	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	174	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	175	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	176	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	177	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	178	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	179	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	180	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	181	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	182	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	183	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	184	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	185	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	186	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	187	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	188	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	189	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	190	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	191	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	192	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	193	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	194	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	195	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	196	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	197	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	198	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	199	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	200	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	201	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	202	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	203	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	204	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	205	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	206	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	207	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	208	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	209	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	210	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	211	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	212	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	213	0.00000000000000E+0	1.11000000000000E+1
BmTempGrad	15	214	0.00000000000000E+0	1.11000000000000E+1

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   BmTempGrad              15     215     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     216     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     217     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     218     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     219     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     220     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     221     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     222     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     223     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     224     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     225     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     226     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     227     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     228     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     229     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     230     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     231     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     232     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     233     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     234     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     235     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     236     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     237     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     238     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     239     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     240     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     241     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     242     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     243     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     244     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     245     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     246     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     247     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     248     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     249     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     251     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     252     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     253     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     254     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     255     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     256     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     257     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     258     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     259     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     260     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     261     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     262     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     263     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     264     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     265     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     266     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     267     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     268     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     269     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     270     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     271     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     272     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     273     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     274     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     275     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     276     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     277     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     384     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     385     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     386     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     387     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     388     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     389     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     390     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     391     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     392     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     393     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     394     0.000000000000000E+0      1.110000000000000E+1
   BmTempGrad              15     395     0.000000000000000E+0      1.110000000000000E+1

/ ____________________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Cool
   BmTempGrad              16      76     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      77     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      78     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      79     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      80     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      81     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      82     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      83     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      84     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      85     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      86     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      87     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      88     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      89     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      90     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      91     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      92     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      93     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      94     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      95     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      96     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      97     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      98     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16      99     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     100     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     101     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     102     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     103     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     104     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     105     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     106     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     107     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     108     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     109     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     110     0.000000000000000E+0      4.800000000000000E+0
```

BmTempGrad	16	111	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	112	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	113	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	114	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	115	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	116	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	117	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	118	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	119	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	120	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	121	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	122	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	123	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	124	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	125	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	126	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	127	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	128	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	129	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	130	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	131	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	132	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	133	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	134	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	135	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	136	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	137	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	138	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	139	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	140	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	141	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	142	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	143	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	144	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	145	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	146	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	147	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	148	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	149	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	150	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	151	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	152	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	153	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	154	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	156	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	157	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	158	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	159	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	160	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	161	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	162	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	163	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	164	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	165	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	166	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	167	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	168	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	169	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	170	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	171	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	172	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	173	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	174	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	175	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	176	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	177	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	178	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	179	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	180	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	181	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	182	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	183	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	184	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	185	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	186	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	187	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	188	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	189	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	190	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	191	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	192	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	193	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	194	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	195	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	196	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	197	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	198	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	199	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	200	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	201	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	202	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	203	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	204	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	205	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	206	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	207	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	208	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	209	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	210	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	211	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	212	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	213	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	214	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	215	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	216	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	217	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	218	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	219	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	220	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	221	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	222	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	223	0.000000000000000E+0	4.800000000000000E+0
BmTempGrad	16	224	0.000000000000000E+0	4.800000000000000E+0

```
   BmTempGrad              16     225     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     226     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     227     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     228     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     229     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     230     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     231     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     232     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     233     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     234     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     235     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     236     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     237     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     238     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     239     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     240     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     241     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     242     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     243     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     244     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     245     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     246     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     247     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     248     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     249     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     251     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     252     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     253     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     254     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     255     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     256     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     257     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     258     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     259     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     260     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     261     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     262     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     263     0.000000000000000E+0      4.800000000000000E+0
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   BmTempGrad              16     265     0.000000000000000E+0      4.800000000000000E+0
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   BmTempGrad              16     268     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     269     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     270     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     271     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     272     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     273     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     274     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     275     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     276     0.000000000000000E+0      4.800000000000000E+0
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   BmTempGrad              16     384     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     385     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     386     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     387     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     388     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     389     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     390     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     391     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     392     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     393     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     394     0.000000000000000E+0      4.800000000000000E+0
   BmTempGrad              16     395     0.000000000000000E+0      4.800000000000000E+0

/ ____________________________________________________________________________
/ BEAM TEMPERATURE GRADIENTS
/ DT_M_Heat
   BmTempGrad              17      76     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      77     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      78     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      79     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      80     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      81     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      82     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      83     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      84     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      85     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      86     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      87     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      88     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      89     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      90     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      91     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      92     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      93     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      94     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      95     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      96     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      97     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      98     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17      99     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     100     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     101     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     102     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     103     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     104     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     105     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     106     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     107     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     108     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     109     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     110     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     111     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     112     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     113     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     114     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     115     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     116     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     117     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     118     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     119     0.000000000000000E+0     -4.800000000000000E+0
   BmTempGrad              17     120     0.000000000000000E+0     -4.800000000000000E+0
```

BmTempGrad	17	121	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	122	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	123	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	124	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	125	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	126	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	127	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	128	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	129	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	130	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	131	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	132	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	133	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	134	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	135	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	136	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	137	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	138	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	139	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	140	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	141	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	142	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	143	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	144	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	145	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	146	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	147	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	148	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	149	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	150	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	151	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	152	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	153	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	154	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	156	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	157	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	158	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	159	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	160	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	161	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	162	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	163	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	164	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	165	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	166	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	167	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	168	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	169	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	170	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	171	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	172	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	173	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	174	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	175	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	176	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	177	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	178	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	179	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	180	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	181	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	182	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	183	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	184	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	185	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	186	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	187	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	188	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	189	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	190	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	191	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	192	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	193	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	194	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	195	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	196	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	197	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	198	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	199	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	200	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	201	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	202	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	203	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	204	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	205	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	206	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	207	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	208	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	209	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	210	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	211	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	212	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	213	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	214	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	215	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	216	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	217	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	218	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	219	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	220	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	221	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	222	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	223	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	224	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	225	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	226	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	227	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	228	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	229	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	230	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	231	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	232	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	233	0.000000000000000E+0	-4.800000000000000E+0
BmTempGrad	17	234	0.000000000000000E+0	-4.800000000000000E+0

```
   BmTempGrad              17     235     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     236     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     237     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     238     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     239     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     240     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     241     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     242     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     243     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     244     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     245     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     246     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     247     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     248     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     249     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     251     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     252     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     253     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     254     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     255     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     256     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     257     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     258     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     259     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     260     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     261     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     262     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     263     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     264     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     265     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     266     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     267     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     268     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     269     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     270     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     271     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     272     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     273     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     274     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     275     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     276     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     277     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     384     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     385     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     386     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     387     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     388     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     389     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     390     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     391     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     392     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     393     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     394     0.00000000000000E+0     -4.80000000000000E+0
   BmTempGrad              17     395     0.00000000000000E+0     -4.80000000000000E+0

/ _____________________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadL             18      76      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      77      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      78      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      79      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      80      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      81      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      82      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      83      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      84      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      85      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      86      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      87      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      88      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      89      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      90      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      91      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      92      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      93      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      94      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      95      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      96      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      97      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      98      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18      99      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     100      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     101      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             18     102      1       1     1.03700000000000E+1     1.03700000000000E+1     0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

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   BmDistLoadL            18     103      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     104      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     105      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     106      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     107      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     108      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     109      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     110      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     111      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     112      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     113      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     114      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     115      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     116      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     117      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     118      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     119      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     120      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     121      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     122      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     123      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     124      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     125      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     126      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     127      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     128      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     129      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     130      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     131      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     132      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     133      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     134      1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     135      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     136      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     137      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     138      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     139      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     140      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     141      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     142      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     143      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     144      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     145      1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     146      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     147      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     148      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     149      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     150      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     151      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     152      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     153      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     154      1       1     1.03700000000000E+1      1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     156      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     157      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     158      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     159      1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadL            18     160      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     161      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     162      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     163      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     164      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     165      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     166      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     167      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     168      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     169      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     170      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     171      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     172      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     173      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     174      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     175      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     176      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     177      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     178      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     179      1       1     4.530000000000000E+0      4.530000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     180      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     181      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     182      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     183      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     184      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     185      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     186      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     187      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     188      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     189      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     190      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     191      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     192      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     193      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     194      1       1     4.470000000000000E+0      4.470000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     195      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     196      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     197      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     198      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     199      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     200      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     201      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     202      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     203      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     204      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     205      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     206      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     207      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     208      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     209      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     210      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     211      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     212      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     213      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     214      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     215      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            18     216      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     217      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     218      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     219      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     220      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     221      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     222      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     223      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     224      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     225      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     226      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     227      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     228      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     229      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     230      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     231      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     232      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     233      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     234      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     235      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     236      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     237      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     238      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     239      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     240      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     241      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     242      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     243      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     244      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     245      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     246      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     247      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     248      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     249      1       1     4.430000000000000E+0      4.430000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     251      1       1     1.060000000000000E+1      1.060000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     252      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     253      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     254      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     255      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     256      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     257      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     258      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     259      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     260      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     261      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     262      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     263      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     264      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     265      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     266      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     267      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     268      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     269      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     270      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     271      1       1     1.037000000000000E+1      1.037000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadL            18     272      1       1     1.047000000000000E+1      1.047000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadL            18     273       1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     274       1       1     1.04700000000000E+1      1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     275       1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     276       1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     277       1       1     1.06000000000000E+1      1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     384       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     385       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     386       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     387       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     388       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     389       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     390       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     391       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     392       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     393       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     394       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            18     395       1       1     4.43000000000000E+0      4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico -Y
   BmDistLoadG            18      76       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      77       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      78       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      79       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      80       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      81       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      82       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      83       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      84       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      85       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      86       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      87       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      88       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      89       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      90       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      91       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      92       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      93       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      94       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      95       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      96       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      97       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      98       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18      99       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     100       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     101       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     102       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     103       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     104       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     105       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     106       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     107       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     108       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     109       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     110       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     111       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     112       Z       1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            18     113      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     114      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     115      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     116      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     117      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     118      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     119      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     120      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     121      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     122      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     123      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     124      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     125      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     126      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     127      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     128      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     129      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     130      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     131      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     132      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     133      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     134      Z      1     3.700000000000000E-1      3.700000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     135      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     136      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     137      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     138      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     139      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     140      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     141      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     142      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     143      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     144      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     145      Z      1     2.000000000000000E-2      2.000000000000000E-2      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     146      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     147      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     148      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     149      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     150      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     151      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     152      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     153      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     154      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     156      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     157      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     158      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     159      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     160      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     161      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     162      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     163      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     164      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     165      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     166      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     167      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     168      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     169      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            18     170      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     171      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     172      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     173      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     174      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     175      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     176      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     177      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     178      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     179      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     180      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     181      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     182      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     183      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     184      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     185      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     186      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     187      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     188      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     189      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     190      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     191      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     192      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     193      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     194      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     195      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     196      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     197      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     198      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     199      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     200      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     201      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     202      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     203      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     204      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     205      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     206      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     207      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     208      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     209      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     210      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     211      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     212      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     213      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     214      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     215      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     216      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     217      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     218      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     219      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     220      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     221      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     222      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     223      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     224      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            18     225      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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BmDistLoadG	18	226	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	227	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	228	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	229	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	230	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	231	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	232	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	233	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	234	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	235	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	236	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	237	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	238	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	239	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	240	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	241	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	242	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	243	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	244	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	245	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	246	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	247	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	248	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	249	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	251	Z	1	2.00000000000000E-2	2.00000000000000E-2	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	252	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	253	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	254	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	255	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	256	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	257	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	258	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	259	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	260	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	261	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	262	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	263	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	264	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	265	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	266	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	267	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	268	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	269	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	270	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	271	Z	1	6.30000000000000E-1	6.30000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	272	Z	1	3.70000000000000E-1	3.70000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	273	Z	1	3.70000000000000E-1	3.70000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	274	Z	1	3.70000000000000E-1	3.70000000000000E-1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	275	Z	1	2.00000000000000E-2	2.00000000000000E-2	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	276	Z	1	2.00000000000000E-2	2.00000000000000E-2	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	277	Z	1	2.00000000000000E-2	2.00000000000000E-2	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	278	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	279	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	280	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	281	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	282	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					

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   BmDistLoadG            18     283      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     284      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     285      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     286      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     287      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     288      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     289      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     290      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     291      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     292      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     293      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     294      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     295      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     296      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     297      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     298      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     299      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     300      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     301      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     302      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     303      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     304      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     305      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     306      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     307      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     308      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     309      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     310      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     311      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     312      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     313      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     314      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     315      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     316      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     317      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     318      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     319      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     320      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     321      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     322      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     323      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     324      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     325      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     326      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     327      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     328      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     329      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     330      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     331      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     332      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     333      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     334      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     335      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     336      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     337      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            18     338      Z      1    -7.190000000000000E+0     -7.190000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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BmDistLoadG	18	339	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	340	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	341	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	342	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	343	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	344	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	345	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	346	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	347	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	348	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	349	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	350	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	351	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	352	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	353	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	354	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	355	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	356	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	357	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	358	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	359	Z	1	-6.78000000000000E+0	-6.78000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	360	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	361	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	362	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	363	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	364	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	365	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	366	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	367	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	368	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	369	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	370	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	371	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	372	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	373	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	374	Z	1	-6.19000000000000E+0	-6.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	375	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	376	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	377	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	378	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	379	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	380	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	381	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	382	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	383	Z	1	-7.19000000000000E+0	-7.19000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	384	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	385	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	386	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	387	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	388	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	389	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	390	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	391	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	392	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	393	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					
BmDistLoadG	18	394	Z	1	-1.50100000000000E+1	-1.50100000000000E+1	0.00000000000000E+0
0.00000000000000E+0	0.00	0.00					

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   BmDistLoadG             18     395      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ ____________________________________________________________________
/ BEAM LOCAL DISTRIBUTED LOADS
/ Vento ponte carico +Y
   BmDistLoadL             19      76       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      77       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      78       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      79       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      80       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      81       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      82       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      83       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      84       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      85       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      86       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      87       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      88       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      89       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      90       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      91       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      92       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      93       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      94       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      95       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      96       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      97       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      98       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19      99       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     100       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     101       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     102       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     103       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     104       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     105       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     106       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     107       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     108       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     109       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     110       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     111       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     112       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     113       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     114       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     115       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     116       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     117       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     118       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     119       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     120       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     121       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     122       1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     123       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     124       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     125       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     126       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     127       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadL             19     128       1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadL            19     129      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     130      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     131      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     132      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     133      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     134      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     135      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     136      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     137      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     138      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     139      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     140      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     141      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     142      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     143      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     144      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     145      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     146      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     147      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     148      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     149      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     150      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     151      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     152      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     153      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     154      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     156      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     157      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     158      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     159      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     160      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     161      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     162      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     163      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     164      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     165      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     166      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     167      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     168      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     169      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     170      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     171      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     172      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     173      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     174      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     175      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     176      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     177      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     178      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     179      1       1    -1.06000000000000E+1     -1.06000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     180      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     181      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     182      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     183      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     184      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     185      1       1    -1.04700000000000E+1     -1.04700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

BmDistLoadL	19	186	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	187	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	188	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	189	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	190	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	191	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	192	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	193	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	194	1	1	-1.04700000000000E+1	-1.04700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	195	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	196	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	197	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	198	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	199	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	200	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	201	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	202	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	203	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	204	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	205	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	206	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	207	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	208	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	209	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	210	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	211	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	212	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	213	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	214	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	215	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	216	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	217	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	218	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	219	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	220	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	221	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	222	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	223	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	224	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	225	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	226	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	227	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	228	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	229	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	230	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	231	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	232	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	233	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	234	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	235	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	236	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	237	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	238	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	239	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	240	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				
BmDistLoadL	19	241	1	1	-1.03700000000000E+1	-1.03700000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00	0.00				

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   BmDistLoadL            19     242      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     243      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     244      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     245      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     246      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     247      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     248      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     249      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     251      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     252      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     253      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     254      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     255      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     256      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     257      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     258      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     259      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     260      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     261      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     262      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     263      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     264      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     265      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     266      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     267      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     268      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     269      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     270      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     271      1       1    -4.43000000000000E+0     -4.43000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     272      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     273      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     274      1       1    -4.47000000000000E+0     -4.47000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     275      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     276      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     277      1       1    -4.53000000000000E+0     -4.53000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     384      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     385      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     386      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     387      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     388      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     389      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     390      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     391      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     392      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     393      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     394      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadL            19     395      1       1    -1.03700000000000E+1     -1.03700000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Vento ponte carico +Y
   BmDistLoadG            19      76      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      77      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      78      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      79      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      80      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      81      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
   BmDistLoadG            19      82      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00           0.00
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   BmDistLoadG            19      83      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      84      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      85      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      86      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      87      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      88      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      89      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      90      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      91      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      92      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      93      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      94      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      95      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      96      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      97      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      98      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19      99      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     100      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     101      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     102      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     103      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     104      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     105      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     106      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     107      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     108      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     109      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     110      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     111      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     112      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     113      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     114      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     115      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     116      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     117      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     118      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     119      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     120      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     121      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     122      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     123      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     124      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     125      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     126      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     127      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     128      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     129      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     130      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     131      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     132      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     133      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     134      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     135      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     136      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     137      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     138      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     139      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     140      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     141      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     142      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     143      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     144      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     145      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     146      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     147      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     148      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     149      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     150      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     151      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     152      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     153      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     154      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     156      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     157      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     158      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     159      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     160      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     161      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     162      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     163      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     164      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     165      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     166      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     167      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     168      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     169      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     170      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     171      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     172      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     173      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     174      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     175      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     176      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     177      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     178      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     179      Z      1     2.00000000000000E-2      2.00000000000000E-2      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     180      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     181      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     182      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     183      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     184      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     185      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     186      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     187      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     188      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     189      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     190      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     191      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     192      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     193      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     194      Z      1     3.70000000000000E-1      3.70000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     195      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            19     196      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     197      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     198      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     199      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     200      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     201      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     202      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     203      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     204      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     205      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     206      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     207      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     208      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     209      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     210      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     211      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     212      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     213      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     214      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     215      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     216      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     217      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     218      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     219      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     220      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     221      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     222      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     223      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     224      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     225      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     226      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     227      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     228      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     229      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     230      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     231      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     232      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     233      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     234      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     235      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     236      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     237      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     238      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     239      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     240      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     241      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     242      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     243      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     244      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     245      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     246      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     247      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     248      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     249      Z      1     6.300000000000000E-1      6.300000000000000E-1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     251      Z      1    -1.240000000000000E+1     -1.240000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            19     252      Z      1    -1.501000000000000E+1     -1.501000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            19     253      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     254      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     255      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     256      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     257      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     258      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     259      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     260      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     261      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     262      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     263      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     264      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     265      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     266      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     267      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     268      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     269      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     270      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     271      Z      1    -1.50100000000000E+1     -1.50100000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     272      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     273      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     274      Z      1    -1.39400000000000E+1     -1.39400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     275      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     276      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     277      Z      1    -1.24000000000000E+1     -1.24000000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     278      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     279      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     280      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     281      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     282      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     283      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     284      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     285      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     286      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     287      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     288      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     289      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     290      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     291      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     292      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     293      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     294      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     295      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     296      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     297      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     298      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     299      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     300      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     301      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     302      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     303      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     304      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     305      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     306      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     307      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            19     308      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
```

BmDistLoadG	19	309	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	310	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	311	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	312	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	313	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	314	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	315	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	316	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	317	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	318	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	319	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	320	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	321	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	322	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	323	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	324	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	325	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	326	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	327	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	328	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	329	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	330	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	331	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	332	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	333	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	334	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	335	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	336	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	337	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	338	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	339	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	340	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	341	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	342	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	343	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	344	Z	1	-7.190000000000000E+0	-7.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	345	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	346	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	347	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	348	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	349	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	350	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	351	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	352	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	353	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	354	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	355	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	356	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	357	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	358	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	359	Z	1	-6.780000000000000E+0	-6.780000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	360	Z	1	-6.190000000000000E+0	-6.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	361	Z	1	-6.190000000000000E+0	-6.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	362	Z	1	-6.190000000000000E+0	-6.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	363	Z	1	-6.190000000000000E+0	-6.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			
BmDistLoadG	19	364	Z	1	-6.190000000000000E+0	-6.190000000000000E+0	0.000000000000000E+0
0.000000000000000E+0		0.00		0.00			

```
   BmDistLoadG             19      365      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      366      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      367      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      368      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      369      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      370      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      371      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      372      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      373      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      374      Z      1    -6.19000000000000E+0     -6.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      375      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      376      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      377      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      378      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      379      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      380      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      381      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      382      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      383      Z      1    -7.19000000000000E+0     -7.19000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      384      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      385      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      386      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      387      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      388      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      389      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      390      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      391      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      392      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      393      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      394      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             19      395      Z      1     6.30000000000000E-1      6.30000000000000E-1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 1
   BmDistLoadG             20      76       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      77       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      78       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      79       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      80       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      81       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      82       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      83       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      84       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      85       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      86       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      87       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      88       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      89       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      90       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      91       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      92       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      93       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      94       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      95       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      96       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      97       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      98       Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
```

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   BmDistLoadG            20      99      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     100      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     101      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     102      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     103      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     104      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     105      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     106      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     107      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     108      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     109      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     110      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     111      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     112      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     113      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     114      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     115      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     116      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     117      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     118      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     119      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     120      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     121      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     122      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     123      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     124      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     125      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     126      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     127      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     128      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     129      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     130      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     131      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     132      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     133      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     134      Z      1    -7.140000000000000E+0     -7.140000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     135      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     136      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     137      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     138      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     139      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     140      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     141      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     142      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     143      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     144      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     145      Z      1    -7.650000000000000E+0     -7.650000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     146      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     147      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     148      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     149      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     150      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     151      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     152      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     153      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            20     154      Z      1    -7.030000000000000E+0     -7.030000000000000E+0      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            20     156      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     157      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     158      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     159      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     160      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     161      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     162      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     163      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     164      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     165      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     166      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     167      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     168      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     169      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     170      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     171      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     172      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     173      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     174      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     175      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     176      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     177      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     178      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     179      Z      1    -3.01800000000000E+1     -3.01800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     180      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     181      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     182      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     183      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     184      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     185      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     186      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     187      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     188      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     189      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     190      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     191      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     192      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     193      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     194      Z      1    -3.26900000000000E+1     -3.26900000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     195      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     196      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     197      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     198      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     199      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     200      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     201      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     202      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     203      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     204      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     205      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     206      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     207      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     208      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     209      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     210      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     211      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            20     212      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     213      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     214      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     215      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     216      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     217      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     218      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     219      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     220      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     221      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     222      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     223      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     224      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     225      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     226      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     227      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     228      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     229      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     230      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     231      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     232      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     233      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     234      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     235      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     236      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     237      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     238      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     239      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     240      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     241      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     242      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     243      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     244      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     245      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     246      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     247      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     248      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     249      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     251      Z      1    -7.65000000000000E+0     -7.65000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     252      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     253      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     254      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     255      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     256      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     257      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     258      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     259      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     260      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     261      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     262      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     263      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     264      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     265      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     266      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     267      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     268      Z      1    -7.03000000000000E+0     -7.03000000000000E+0      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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BmDistLoadG	20	269	Z	1	-7.03000000000000E+0	-7.03000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	270	Z	1	-7.03000000000000E+0	-7.03000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	271	Z	1	-7.03000000000000E+0	-7.03000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	272	Z	1	-7.14000000000000E+0	-7.14000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	273	Z	1	-7.14000000000000E+0	-7.14000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	274	Z	1	-7.14000000000000E+0	-7.14000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	275	Z	1	-7.65000000000000E+0	-7.65000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	276	Z	1	-7.65000000000000E+0	-7.65000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	277	Z	1	-7.65000000000000E+0	-7.65000000000000E+0	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	278	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	279	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	280	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	281	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	282	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	283	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	284	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	285	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	286	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	287	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	288	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	289	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	290	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	291	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	292	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	293	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	294	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	295	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	296	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	297	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	298	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	299	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	300	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	301	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	302	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	303	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	304	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	305	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	306	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	307	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	308	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	309	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	310	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	311	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	312	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	313	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	314	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	315	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	316	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	317	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	318	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	319	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	320	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	321	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	322	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	323	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			
BmDistLoadG	20	324	Z	1	-2.05800000000000E+1	-2.05800000000000E+1	0.00000000000000E+0
0.00000000000000E+0		0.00		0.00			

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   BmDistLoadG            20     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            20     380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             20      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      384      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      385      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      386      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      387      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      388      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      389      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      390      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      391      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      392      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      393      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      394      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             20      395      Z      1    -3.41400000000000E+1     -3.41400000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1a - spalla 1
   BmDistLoadG             21       76      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             21      249      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             21      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1b - campata 1
   BmDistLoadG             22       79      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22       80      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             22      244      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             22      245      Z      1    -6.81440000000000E+2     -6.81440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             22      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c - sx pila 1
   BmDistLoadG             23       83      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             23      239      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             23      288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1c' - dx pila 1
   BmDistLoadG             24       84      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             24      238      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             24      289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1d - campata 2
   BmDistLoadG             25       87      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25       88      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             25      232      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             25      233      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25      294      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             25      295      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e - sx pila 2
   BmDistLoadG             26       91      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             26      227      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             26      300      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1e' - dx pila 2
   BmDistLoadG             27       92      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             27      226      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             27      301      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
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/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1f - campata 3
   BmDistLoadG             28      95      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             28      96      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             28     220      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             28     221      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             28     306      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             28     307      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g - sx pila 3
   BmDistLoadG             29      99      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             29     215      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             29     312      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1g' - dx pila 3
   BmDistLoadG             30     100      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             30     214      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             30     313      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1h - campata 4
   BmDistLoadG             31     105      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             31     207      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             31     320      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i - sx pila 4
   BmDistLoadG             32     110      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             32     327      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             32     390      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1i' - dx pila 4
   BmDistLoadG             33     111      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             33     328      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             33     389      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1l - campata 5
   BmDistLoadG             34     116      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             34     204      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             34     335      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m - sx pila 5
   BmDistLoadG             35     121      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             35     197      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             35     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1m' - dx pila 5
   BmDistLoadG             36     122      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             36     196      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             36     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 1n - campata 6
   BmDistLoadG             37     127      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     189      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             37     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o - sx pila 6
   BmDistLoadG             38     132      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             38     182      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
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   BmDistLoadG             38     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1o' - dx pila 6
   BmDistLoadG             39     133      Z      1     9.12500000000000E+1      9.12500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             39     181      Z      1    -5.91250000000000E+2     -5.91250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             39     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1p - campata 7
   BmDistLoadG             43     138      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     174      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             43     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q - sx pila 7
   BmDistLoadG             44     143      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             44     167      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             44     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1q' - dx pila 7
   BmDistLoadG             45     144      Z      1     4.62500000000000E+1      4.62500000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     164      Z      1    -5.46250000000000E+2     -5.46250000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             45     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1r - campata 8
   BmDistLoadG             46     149      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             46     150      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     160      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             46     161      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             46     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 1s - pila 8
   BmDistLoadG             47     154      Z      1     1.18440000000000E+2      1.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             47     156      Z      1    -6.18440000000000E+2     -6.18440000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             47     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico distribuito 2
   BmDistLoadG             48      76      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      77      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      78      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      79      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      80      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      81      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      82      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      83      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      84      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      85      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      86      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      87      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      88      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      89      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      90      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      91      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      92      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      93      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      94      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      95      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
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   BmDistLoadG            48      96      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      97      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      98      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48      99      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     100      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     101      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     102      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     103      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     104      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     105      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     106      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     107      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     108      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     109      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     110      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     111      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     112      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     113      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     114      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     115      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     116      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     117      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     118      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     119      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     120      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     121      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     122      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     123      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     124      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     125      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     126      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     127      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     128      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     129      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     130      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     131      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     132      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     133      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     134      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     135      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     136      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     137      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     138      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     139      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     140      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     141      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     142      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     143      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     144      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     145      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     146      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     147      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     148      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     149      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     150      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     151      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     152      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     153      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     154      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     156      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     157      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     158      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     159      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     160      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     161      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     162      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     163      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     164      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     165      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     166      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     167      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     168      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     169      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     170      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     171      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     172      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     173      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     174      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     175      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     176      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     177      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     178      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     179      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     180      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     181      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     182      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     183      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     184      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     185      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     186      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     187      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     188      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     189      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     190      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     191      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     192      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     193      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     194      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     195      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     196      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     197      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     198      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     199      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     200      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     201      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     202      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     203      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     204      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     205      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     206      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     207      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     208      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     209      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     210      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     211      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     212      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     213      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     214      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     215      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     216      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     217      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     218      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     219      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     220      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     221      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     222      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     223      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     224      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     225      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     226      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     227      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     228      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     229      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     230      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     231      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     232      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     233      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     234      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     235      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     236      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     237      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     238      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     239      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     240      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     241      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     242      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     243      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     244      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     245      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     246      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     247      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     248      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     249      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     251      Z      1    -1.892000000000000E+1     -1.892000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     252      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     253      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     254      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     255      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     256      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     257      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     258      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     259      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     260      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     261      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     262      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     263      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     264      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
   BmDistLoadG            48     265      Z      1    -2.058000000000000E+1     -2.058000000000000E+1      0.000000000000000E+0
0.000000000000000E+0          0.00          0.00
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   BmDistLoadG            48     266      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     267      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     268      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     269      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     270      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     271      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     272      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     273      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     274      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     275      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     276      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     277      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     278      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     279      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     280      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     281      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     282      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     283      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     284      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     285      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     286      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     287      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     288      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     289      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     290      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     291      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     292      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     293      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     294      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     295      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     296      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     297      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     298      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     299      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     300      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     301      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     302      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     303      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     304      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     305      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     306      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     307      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     308      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     309      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     310      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     311      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     312      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     313      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     314      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     315      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     316      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     317      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     318      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     319      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     320      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     321      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG            48     322      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     323      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     324      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     325      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     326      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     327      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     328      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     329      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     330      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     331      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     332      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     333      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     334      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     335      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     336      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     337      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     338      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     339      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     340      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     341      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     342      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     343      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     344      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     345      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     346      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     347      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     348      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     349      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     350      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     351      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     352      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     353      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     354      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     355      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     356      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     357      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     358      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     359      Z      1    -1.99200000000000E+1     -1.99200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     360      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     361      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     362      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     363      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     364      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     365      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     366      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     367      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     368      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     369      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     370      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     371      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     372      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     373      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     374      Z      1    -1.89200000000000E+1     -1.89200000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     375      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     376      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
   BmDistLoadG            48     377      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0          0.00          0.00
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   BmDistLoadG             48      378      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      379      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      380      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      381      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      382      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      383      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      384      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      385      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      386      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      387      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      388      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      389      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      390      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      391      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      392      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      393      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      394      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00
   BmDistLoadG             48      395      Z      1    -2.05800000000000E+1     -2.05800000000000E+1      0.00000000000000E+0
0.00000000000000E+0           0.00          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2a - spalla 1
   BmDistLoadG             49       76      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             49      249      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             49      278      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2b - campata 1
   BmDistLoadG             50       79      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50       80      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73
   BmDistLoadG             50      244      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.74
   BmDistLoadG             50      245      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      282      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             50      283      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.73

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c - sx pila 1
   BmDistLoadG             51       83      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             51      239      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             51      288      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2c' - dx pila 1
   BmDistLoadG             52       84      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             52      238      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             52      289      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2d - campata 2
   BmDistLoadG             53       87      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53       88      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53      232      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             53      233      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53      294      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             53      295      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e - sx pila 2
   BmDistLoadG             54       91      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             54      227      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             54      300      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2e' - dx pila 2
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   BmDistLoadG             55      92      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             55     226      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.64
   BmDistLoadG             55     301      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2f - campata 3
   BmDistLoadG             56      95      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56      96      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     220      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77
   BmDistLoadG             56     221      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     306      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.82          0.00
   BmDistLoadG             56     307      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.77

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g - sx pila 3
   BmDistLoadG             57      99      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             57     215      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00
   BmDistLoadG             57     312      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2g' - dx pila 3
   BmDistLoadG             58     100      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             58     214      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             58     313      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2h - campata 4
   BmDistLoadG             59     105      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     207      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             59     320      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i - sx pila 4
   BmDistLoadG             60     110      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             60     327      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             60     390      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2i' - dx pila 4
   BmDistLoadG             61     111      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             61     328      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             61     389      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2l - campata 5
   BmDistLoadG             62     116      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     204      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             62     335      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m - sx pila 5
   BmDistLoadG             63     121      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             63     197      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             63     342      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2m' - dx pila 5
   BmDistLoadG             64     122      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             64     196      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             64     343      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ nTraffico tandem 2n - campata 6
   BmDistLoadG             65     127      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     189      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             65     350      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
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/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o - sx pila 6
   BmDistLoadG             66     132      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             66     182      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             66     357      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2o' - dx pila 6
   BmDistLoadG             67     133      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.62
   BmDistLoadG             67     181      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63
   BmDistLoadG             67     358      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.63

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2p - campata 7
   BmDistLoadG             68     138      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     174      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31
   BmDistLoadG             68     365      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.31          0.31

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q - sx pila 7
   BmDistLoadG             69     143      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.62          0.00
   BmDistLoadG             69     167      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             69     372      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2q' - dx pila 7
   BmDistLoadG             70     144      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     164      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60
   BmDistLoadG             70     373      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.60

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2r - campata 8
   BmDistLoadG             71     149      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.75          0.00
   BmDistLoadG             71     150      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     160      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82
   BmDistLoadG             71     161      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             71     378      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.76          0.00
   BmDistLoadG             71     379      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.00          0.82

/ _____________________________________________________________________
/ BEAM GLOBAL DISTRIBUTED LOADS
/ Traffico tandem 2s - pila 8
   BmDistLoadG             72     154      Z      1    -2.12500000000000E+2     -2.12500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.63          0.00
   BmDistLoadG             72     156      Z      1    -2.87500000000000E+2     -2.87500000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.66          0.00
   BmDistLoadG             72     383      Z      1    -2.50000000000000E+2     -2.50000000000000E+2      0.00000000000000E+0
0.00000000000000E+0           0.64          0.00

/ _____________________________________________________________________
/ BEAM PROPERTIES

   BeamProp                 1   "Nodo beam"
     MaterialName       "Steel - Modified"
     Modulus              2.00000000000000E+7
     ShearMod             8.00000000000000E+4
     Poisson              2.50000000000000E-1
     UsePoisson         TRUE
     Expansion            1.15000000000000E-5
     ThermalCond          5.10000000000000E+1
     SpecificHeat         5.00000000000000E+2
     Area                 3.14159265360000E-2
     MomentI11            7.85398160000000E-5
     MomentI22            7.85398160000000E-5
     MomentJ              1.57079633000000E-4
     ShearArea1           2.82743338820000E-2
     ShearArea2           2.82743338820000E-2
     SectionType        SolidRound
       D                  2.00000000000000E-1
     NonLinType         Elasticplastic
     Hardening          Isotropic

   BeamProp                54   "Pila"
     MaterialName       "Concrete: Compressive Strength fc = 40 MPa - Modified"
     Modulus              3.42900000000000E+4
     ShearMod             1.42880000000000E+4
     Poisson              2.00000000000000E-1
     UsePoisson         TRUE
     Expansion            1.00000000000000E-5
     ThermalCond          1.37000000000000E+0
     SpecificHeat         8.80000000000000E+2
     Area                 1.20000000000000E+1
     MomentI11            3.60000000000000E+1
     MomentI22            4.00000000000000E+0
     MomentJ              1.26391793380200E+1
     SectionType        SolidRect
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    B                 2.00000000000000E+0
    D                 6.00000000000000E+0
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              55   "Traverso appoggio"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                8.24000000000000E-2
  MomentI11           8.62287900000000E-2
  MomentI22           2.28755000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              56   "Traverso campata"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.96000000000000E-2
  MomentI11           3.64132900000000E-2
  MomentI22           4.63120000000000E-4
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              58   "FS1 - Trave C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.17600000000000E-1
  MomentI11           1.00000000000000E+0
  MomentI22           1.78831000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              59   "FS1 - Trave C2"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.17600000000000E-1
  MomentI11           1.00000000000000E+0
  MomentI22           2.84167000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              60   "FS1 - Trave C3"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.23417000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              61   "FS1 - Trave C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.37788000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              62   "FS1 - Trave C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
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  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               63   "FS1 - Trave C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84167000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               64   "FS1 - Trave C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               65   "FS1 - Trave C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.37788000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               66   "FS1 - Trave C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               67   "FS1 - Trave C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84167000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               68   "FS1 - Trave C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               69   "FS1 - Trave C12"
  MaterialName       "Steel - Modified"
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  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.37788000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                70   "FS1 - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                71   "FS1 - Trave C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            3.44916000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                72   "FS1 - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                73   "FS1 - Trave C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.66371000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                74   "FS1 - Trave C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp                75   "FS1 - Trave C18"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            3.44916000000000E-3
```

```
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               76   "FS1 - Trave C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               77   "FS1 - Trave C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.66371000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               78   "FS1 - Trave C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               79   "FS1 - Trave C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            3.44916000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               80   "FS1 - Trave C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               81   "FS1 - Trave C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.66371000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               82   "FS1 - Trave C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              1.41660000000000E+4
```

```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.84202000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              83   "FS1 - Trave C26"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.44916000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              84   "FS1 - Trave C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.84202000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              85   "FS1 - Trave C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.37788000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              86   "FS1 - Trave C29"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.23417000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              87   "FS1 - Trave C30"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           1.78786000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              88   "FS1 - Trave C31"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             1.41660000000000E+4
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           1.78831000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              89   "FS2 - Trave C1"
```

```
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90014570000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               90   "FS2 - Trave C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.91067930000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               91   "FS2 - Trave C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90460430000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               92   "FS2 - Trave C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90604140000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               93   "FS2 - Trave C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90460430000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               94   "FS2 - Trave C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.91067930000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               95   "FS2 - Trave C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90460430000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               96   "FS2 - Trave C8"
  MaterialName       "Steel - Modified"
```

```
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90604140000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp               97   "FS2 - Trave C9"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90460430000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp               98   "FS2 - Trave C10"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91067930000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp               99   "FS2 - Trave C11"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90460430000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              100   "FS2 - Trave C12"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90604140000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              101   "FS2 - Trave C13"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90460430000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              102   "FS2 - Trave C14"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91675420000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              103   "FS2 - Trave C15"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
```

```
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90460430000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              104   "FS2 - Trave C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90889970000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              105   "FS2 - Trave C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91068280000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              106   "FS2 - Trave C18"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91675420000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              107   "FS2 - Trave C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91068280000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              108   "FS2 - Trave C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.90889970000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              109   "FS2 - Trave C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.08741390000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              110   "FS2 - Trave C22"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
```

```
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.09348530000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              111   "FS2 - Trave C23"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.91068280000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              112   "FS2 - Trave C24"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           4.08563080000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              113   "FS2 - Trave C25"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.03464390000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              114   "FS2 - Trave C26"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.04071530000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              115   "FS2 - Trave C27"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.03464390000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              116   "FS2 - Trave C28"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.03000250000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              117   "FS2 - Trave C29"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90460430000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               118   "FS2 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90014120000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               119   "FS2 - Trave C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            4.90014570000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               120   "FS3 - Trave C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.38900000000000E-1
  MomentI11            2.28600000000000E-1
  MomentI22            9.96499630000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               121   "FS3 - Trave C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.62700000000000E-1
  MomentI11            2.60000000000000E-1
  MomentI22            9.97106330000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               122   "FS3 - Trave C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.59100000000000E-1
  MomentI11            2.24300000000000E-1
  MomentI22            9.96499190000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               123   "FS3 - Trave C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.60600000000000E-1
  MomentI11            3.13700000000000E-1
  MomentI22            9.98143890000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               124   "FS3 - Trave C5"
  MaterialName       "Steel - Modified"
```

```
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.30400000000000E-1
  MomentI11            2.34200000000000E-1
  MomentI22            9.96802580000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               125   "FS3 - Trave C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.34800000000000E-1
  MomentI11            2.55200000000000E-1
  MomentI22            9.97106330000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               126   "FS3 - Trave C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.27600000000000E-1
  MomentI11            2.33700000000000E-1
  MomentI22            9.96802580000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               127   "FS3 - Trave C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.40700000000000E-1
  MomentI11            3.03300000000000E-1
  MomentI22            9.98143360000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               128   "FS3 - Trave C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.26000000000000E-1
  MomentI11            2.12500000000000E-1
  MomentI22            9.96498830000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               129   "FS3 - Trave C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.34800000000000E-1
  MomentI11            2.55200000000000E-1
  MomentI22            9.97106330000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               130   "FS3 - Trave C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.17600000000000E-1
  MomentI11            2.11500000000000E-1
  MomentI22            9.96802580000000E-1
  MomentJ              2.33328440000000E-1
```

```
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               131   "FS3 - Trave C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.71600000000000E-1
  MomentI11            3.42700000000000E-1
  MomentI22            9.98676780000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               132   "FS3 - Trave C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.67600000000000E-1
  MomentI11            2.60100000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               133   "FS3 - Trave C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.83300000000000E-1
  MomentI11            3.03400000000000E-1
  MomentI22            9.97856740000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               134   "FS3 - Trave C15"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.77000000000000E-1
  MomentI11            2.61500000000000E-1
  MomentI22            9.97392160000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               135   "FS3 - Trave C16"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.94200000000000E-1
  MomentI11            3.48700000000000E-1
  MomentI22            9.98780940000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               136   "FS3 - Trave C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.77100000000000E-1
  MomentI11            2.68400000000000E-1
  MomentI22            9.97392510000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               137   "FS3 - Trave C18"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
```

```
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.79900000000000E-1
  MomentI11            3.03100000000000E-1
  MomentI22            9.97713830000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               138   "FS3 - Trave C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.80600000000000E-1
  MomentI11            2.69000000000000E-1
  MomentI22            9.97392510000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               139   "FS3 - Trave C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.92500000000000E-1
  MomentI11            3.48200000000000E-1
  MomentI22            9.98780940000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               140   "FS3 - Trave C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.54200000000000E-1
  MomentI11            2.64400000000000E-1
  MomentI22            9.97392510000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               141   "FS3 - Trave C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52500000000000E-1
  MomentI11            2.97400000000000E-1
  MomentI22            7.33731540000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               142   "FS3 - Trave C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.54400000000000E-1
  MomentI11            2.64400000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               143   "FS3 - Trave C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.86100000000000E-1
  MomentI11            3.46300000000000E-1
  MomentI22            7.34798650000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               144   "FS3 - Trave C25"
```

```
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.54600000000000E-1
  MomentI11            2.64500000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               145   "FS3 - Trave C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52500000000000E-1
  MomentI11            2.97400000000000E-1
  MomentI22            7.33731540000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               146   "FS3 - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52400000000000E-1
  MomentI11            2.64100000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               147   "FS3 - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.63400000000000E-1
  MomentI11            3.35800000000000E-1
  MomentI22            7.34693970000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               148   "FS3 - Trave C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.22200000000000E-1
  MomentI11            2.12000000000000E-1
  MomentI22            6.28360020000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               149   "FS3 - Trave C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.27500000000000E-1
  MomentI11            2.19900000000000E-1
  MomentI22            6.28360380000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               150   "FS3 - Trave C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.21500000000000E-1
  MomentI11            2.25600000000000E-1
  MomentI22            6.28360820000000E-1
```

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  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              152   "Fess - Trave C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.34300000000000E-1
  MomentI11           1.47400000000000E-1
  MomentI22           9.98143890000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              155   "Fess - Trave C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.28600000000000E-1
  MomentI11           1.43800000000000E-1
  MomentI22           9.98143360000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              158   "Fess - Trave C12"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.49300000000000E-1
  MomentI11           1.69100000000000E-1
  MomentI22           9.98676780000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              159   "Fess - Trave C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.07700000000000E-1
  MomentI11           1.24200000000000E-1
  MomentI22           9.97392160000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              160   "Fess - Trave C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.08100000000000E-1
  MomentI11           1.24800000000000E-1
  MomentI22           9.97392160000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              161   "Fess - Trave C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.54700000000000E-1
  MomentI11           1.77000000000000E-1
  MomentI22           9.98780940000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              162   "Fess - Trave C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
```

```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13100000000000E-1
  MomentI11           1.27000000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              163   "Fess - Trave C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.13300000000000E-1
  MomentI11           1.27300000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              164   "Fess - Trave C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.54600000000000E-1
  MomentI11           1.76800000000000E-1
  MomentI22           9.98780940000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              165   "Fess - Trave C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           9.97392510000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              166   "Fess - Trave C23"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25500000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              167   "Fess - Trave C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.54400000000000E-1
  MomentI11           1.76400000000000E-1
  MomentI22           7.34798650000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              168   "Fess - Trave C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.12300000000000E-1
  MomentI11           1.25600000000000E-1
  MomentI22           7.33410220000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic
```

```
BeamProp              169   "Fess - Trave C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.12200000000000E-1
  MomentI11            1.25400000000000E-1
  MomentI22            7.33410220000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              170   "Fess - Trave C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.44000000000000E-1
  MomentI11            1.66400000000000E-1
  MomentI22            7.34693970000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              172   "FS1 - Centrale C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            1.78831000000000E-3
  MomentJ              1.00000000000000E+0
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              173   "FS1 - Centrale C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84167000000000E-3
  MomentJ              1.00000000000000E+0
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              174   "FS1 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              175   "FS1 - Centrale C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.37788000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              176   "FS1 - Centrale C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
```

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  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               177   "FS1 - Centrale C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84167000000000E-3
  MomentJ              1.00000000000000E+0
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               178   "FS1 - Centrale C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               179   "FS1 - Centrale C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.37788000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               180   "FS1 - Centrale C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               181   "FS1 - Centrale C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84167000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               182   "FS1 - Centrale C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.23417000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               183   "FS1 - Centrale C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
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```
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.37788000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              184   "FS1 - Centrale C13"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.23417000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              185   "FS1 - Centrale C14"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.44916000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              186   "FS1 - Centrale C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.23417000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              187   "FS1 - Centrale C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.66371000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              188   "FS1 - Centrale C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.84202000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              189   "FS1 - Centrale C18"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.44916000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              190   "FS1 - Centrale C19"
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```
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               191   "FS1 - Centrale C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.66371000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               192   "FS1 - Centrale C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               193   "FS1 - Centrale C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            3.44916000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               194   "FS1 - Centrale C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.84202000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               195   "FS1 - Centrale C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.66371000000000E-3
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               196   "FS1 - Centrale C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
```

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  MomentI22           2.84202000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              197   "FS1 - Centrale C26"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           3.44916000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              198   "FS1 - Centrale C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.84202000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              199   "FS1 - Centrale C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.37788000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              200   "FS1 - Centrale C29"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.23417000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              201   "FS1 - Centrale C30"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           1.78786000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              202   "FS1 - Centrale C31"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           1.78831000000000E-3
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              203   "FS2 - Centrale C1"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
```

```
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.04699840000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               204   "FS2 - Centrale C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753200000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               205   "FS2 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               206   "FS2 - Centrale C4"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05289420000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               207   "FS2 - Centrale C5"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               208   "FS2 - Centrale C6"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753200000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               209   "FS2 - Centrale C7"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic
```

```
BeamProp              210   "FS2 - Centrale C8"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05289420000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              211   "FS2 - Centrale C9"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              212   "FS2 - Centrale C10"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753200000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              213   "FS2 - Centrale C11"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              214   "FS2 - Centrale C12"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05289420000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              215   "FS2 - Centrale C13"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              216   "FS2 - Centrale C14"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
```

```
  MomentI11           1.00000000000000E+0
  MomentI22           2.06360700000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              217   "FS2 - Centrale C15"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.05145710000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              218   "FS2 - Centrale C16"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.05575240000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              219   "FS2 - Centrale C17"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.05753560000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              220   "FS2 - Centrale C18"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.06360700000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              221   "FS2 - Centrale C19"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.05753560000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              222   "FS2 - Centrale C20"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Density             9.44400000000000E+3
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.00000000000000E+0
  MomentI11           1.00000000000000E+0
  MomentI22           2.05575240000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              223   "FS2 - Centrale C21"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
```

```
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753560000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               224   "FS2 - Centrale C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.06360700000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               225   "FS2 - Centrale C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753560000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               226   "FS2 - Centrale C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05575240000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               227   "FS2 - Centrale C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753560000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               228   "FS2 - Centrale C26"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.06360700000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               229   "FS2 - Centrale C27"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05753560000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic
```

```
BeamProp              230   "FS2 - Centrale C28"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05289420000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              231   "FS2 - Centrale C29"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.05145710000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              232   "FS2 - Centrale C30"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.04699400000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              233   "FS2 - Centrale C31"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Density              9.44400000000000E+3
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.00000000000000E+0
  MomentI11            1.00000000000000E+0
  MomentI22            2.04699840000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              234   "FS3 - Centrale C1"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.87700000000000E-1
  MomentI11            2.14600000000000E-1
  MomentI22            4.24852080000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              235   "FS3 - Centrale C2"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.98600000000000E-1
  MomentI11            2.44500000000000E-1
  MomentI22            4.25458780000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp              236   "FS3 - Centrale C3"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 2.94600000000000E-1
```

```
  MomentI11           2.10100000000000E-1
  MomentI22           4.24851640000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              237   "FS3 - Centrale C4"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.28000000000000E-1
  MomentI11           3.00500000000000E-1
  MomentI22           4.26496340000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              238   "FS3 - Centrale C5"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.94200000000000E-1
  MomentI11           2.24100000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              239   "FS3 - Centrale C6"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.98600000000000E-1
  MomentI11           2.44500000000000E-1
  MomentI22           4.25458780000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              240   "FS3 - Centrale C7"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.93600000000000E-1
  MomentI11           2.24000000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              241   "FS3 - Centrale C8"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.22800000000000E-1
  MomentI11           2.94800000000000E-1
  MomentI22           4.26495810000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              242   "FS3 - Centrale C9"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.89700000000000E-1
  MomentI11           2.03000000000000E-1
  MomentI22           4.24851290000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              243   "FS3 - Centrale C10"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
```

```
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.98600000000000E-1
  MomentI11           2.44500000000000E-1
  MomentI22           4.25458780000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              244   "FS3 - Centrale C11"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                2.94200000000000E-1
  MomentI11           2.24100000000000E-1
  MomentI22           4.25155030000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              245   "FS3 - Centrale C12"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.47300000000000E-1
  MomentI11           3.31400000000000E-1
  MomentI22           4.27029240000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              246   "FS3 - Centrale C13"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.05400000000000E-1
  MomentI11           2.45100000000000E-1
  MomentI22           4.25744610000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              247   "FS3 - Centrale C14"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10800000000000E-1
  MomentI11           2.83600000000000E-1
  MomentI22           4.26209190000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              248   "FS3 - Centrale C15"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.05400000000000E-1
  MomentI11           2.45100000000000E-1
  MomentI22           4.25744610000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              249   "FS3 - Centrale C16"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.52100000000000E-1
  MomentI11           3.32000000000000E-1
  MomentI22           4.27133390000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
```

```
  Hardening          Isotropic

BeamProp               250   "FS3 - Centrale C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               251   "FS3 - Centrale C18"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.07400000000000E-1
  MomentI11            2.83100000000000E-1
  MomentI22            4.26066280000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               252   "FS3 - Centrale C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               253   "FS3 - Centrale C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.52100000000000E-1
  MomentI11            3.32200000000000E-1
  MomentI22            4.27133390000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               254   "FS3 - Centrale C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.10300000000000E-1
  MomentI11            2.51500000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               255   "FS3 - Centrale C22"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 3.07400000000000E-1
  MomentI11            2.83100000000000E-1
  MomentI22            4.26066280000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               256   "FS3 - Centrale C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
```

```
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              257   "FS3 - Centrale C24"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.52100000000000E-1
  MomentI11           3.32200000000000E-1
  MomentI22           4.27133390000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              258   "FS3 - Centrale C25"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              259   "FS3 - Centrale C26"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.07400000000000E-1
  MomentI11           2.83100000000000E-1
  MomentI22           4.26066280000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              260   "FS3 - Centrale C27"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.10300000000000E-1
  MomentI11           2.51500000000000E-1
  MomentI22           4.25744960000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              261   "FS3 - Centrale C28"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.42500000000000E-1
  MomentI11           3.26100000000000E-1
  MomentI22           4.27028710000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              263   "FS3 - Centrale C30"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson        TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.62000000000000E-1
  MomentI11           2.19800000000000E-1
  MomentI22           9.74240370000000E-1
  MomentJ             2.33328440000000E-1
  SectionType       Null
  NonLinType        Elasticplastic
  Hardening         Isotropic

BeamProp              264   "FS3 - Centrale C31"
  MaterialName      "Steel - Modified"
  Modulus             2.00000000000000E+5
```

```
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                3.50400000000000E-1
  MomentI11           2.25300000000000E-1
  MomentI22           9.74240810000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              266   "Fess - centrale - C4"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.29200000000000E-1
  MomentI11           1.43400000000000E-1
  MomentI22           4.26496340000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              269   "Fess - centrale - C8"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.24300000000000E-1
  MomentI11           1.41000000000000E-1
  MomentI22           4.26495810000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              272   "Fess - centrale - C12"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.44500000000000E-1
  MomentI11           1.65700000000000E-1
  MomentI22           4.27029240000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              273   "Fess - centrale - C13"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.02600000000000E-1
  MomentI11           1.18800000000000E-1
  MomentI22           4.25744610000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              274   "Fess - centrale - C15"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.02600000000000E-1
  MomentI11           1.18800000000000E-1
  MomentI22           4.25744610000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
  NonLinType          Elasticplastic
  Hardening           Isotropic

BeamProp              275   "Fess - centrale - C16"
  MaterialName        "Steel - Modified"
  Modulus             2.00000000000000E+5
  ShearMod            8.00000000000000E+4
  Poisson             2.50000000000000E-1
  UsePoisson          TRUE
  Expansion           1.15000000000000E-5
  ThermalCond         5.10000000000000E+1
  SpecificHeat        5.00000000000000E+2
  Area                1.49200000000000E-1
  MomentI11           1.72500000000000E-1
  MomentI22           4.27133390000000E-1
  MomentJ             2.33328440000000E-1
  SectionType         Null
```

```
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               276   "Fess - centrale - C17"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               277   "Fess - centrale - C19"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               278   "Fess - centrale - C20"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.49200000000000E-1
  MomentI11            1.72500000000000E-1
  MomentI22            4.27133390000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               279   "Fess - centrale - C21"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               280   "Fess - centrale - C23"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.07400000000000E-1
  MomentI11            1.21200000000000E-1
  MomentI22            4.25744960000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               281   "Fess - centrale - C24"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
  SpecificHeat         5.00000000000000E+2
  Area                 1.49200000000000E-1
  MomentI11            1.72500000000000E-1
  MomentI22            4.27133390000000E-1
  MomentJ              2.33328440000000E-1
  SectionType        Null
  NonLinType         Elasticplastic
  Hardening          Isotropic

BeamProp               282   "Fess - centrale - C25"
  MaterialName       "Steel - Modified"
  Modulus              2.00000000000000E+5
  ShearMod             8.00000000000000E+4
  Poisson              2.50000000000000E-1
  UsePoisson         TRUE
  Expansion            1.15000000000000E-5
  ThermalCond          5.10000000000000E+1
```

```
    SpecificHeat         5.00000000000000E+2
    Area                 1.07400000000000E-1
    MomentI11            1.21200000000000E-1
    MomentI22            4.25744960000000E-1
    MomentJ              2.33328440000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               283   "Fess - centrale - C27"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 1.07400000000000E-1
    MomentI11            1.21200000000000E-1
    MomentI22            4.25744960000000E-1
    MomentJ              2.33328440000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               284   "Fess - centrale - C28"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 1.39700000000000E-1
    MomentI11            1.63400000000000E-1
    MomentI22            4.27028710000000E-1
    MomentJ              2.33328440000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               285   "Fess - centrale - C29"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 8.93600000000000E-2
    MomentI11            9.94700000000000E-2
    MomentI22            9.74240010000000E-1
    MomentJ              2.33328440000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic

  BeamProp               287   "FS3 - Centrale C29"
    MaterialName       "Steel - Modified"
    Modulus              2.00000000000000E+5
    ShearMod             8.00000000000000E+4
    Poisson              2.50000000000000E-1
    UsePoisson         TRUE
    Expansion            1.15000000000000E-5
    ThermalCond          5.10000000000000E+1
    SpecificHeat         5.00000000000000E+2
    Area                 3.57100000000000E-1
    MomentI11            2.12000000000000E-1
    MomentI22            9.74240010000000E-1
    MomentJ              2.33328440000000E-1
    SectionType        Null
    NonLinType         Elasticplastic
    Hardening          Isotropic


/ _____________________________________________________________________________
/ FREQUENCY-PERIOD TABLES

  PeriodTbl              1   "Spettro SLV - orizz"
     0.00000000000000E+0       2.44269000000000E+0
     1.50000000000000E-1       6.13125000000000E+0
     4.51000000000000E-1       6.13125000000000E+0
     5.38000000000000E-1       5.13063000000000E+0
     6.26000000000000E-1       4.41450000000000E+0
     7.14000000000000E-1       3.87495000000000E+0
     8.01000000000000E-1       3.44331000000000E+0
     8.89000000000000E-1       3.10977000000000E+0
     9.76000000000000E-1       2.82528000000000E+0
     1.06400000000000E+0       2.59965000000000E+0
     1.15200000000000E+0       2.40345000000000E+0
     1.23900000000000E+0       2.22687000000000E+0
     1.32700000000000E+0       2.07972000000000E+0
     1.41500000000000E+0       1.95219000000000E+0
     1.50200000000000E+0       1.83447000000000E+0
     1.59000000000000E+0       1.73637000000000E+0
     1.67700000000000E+0       1.64808000000000E+0
     1.76500000000000E+0       1.56960000000000E+0
     1.85300000000000E+0       1.49112000000000E+0
     1.94000000000000E+0       1.42245000000000E+0
     2.02800000000000E+0       1.36359000000000E+0
     2.11600000000000E+0       1.30473000000000E+0
     2.20300000000000E+0       1.25568000000000E+0
     2.29100000000000E+0       1.20663000000000E+0
     2.37200000000000E+0       1.12815000000000E+0
     2.45400000000000E+0       1.04967000000000E+0
     2.53500000000000E+0       9.81000000000000E-1
     2.61600000000000E+0       9.22140000000000E-1
     2.69800000000000E+0       8.73090000000000E-1
     2.77900000000000E+0       8.24040000000000E-1
     2.86100000000000E+0       7.74990000000000E-1
```

```
      2.942000000000000E+0        7.357500000000000E-1
      3.023000000000000E+0        6.965100000000000E-1
      3.105000000000000E+0        6.572700000000000E-1
      3.186000000000000E+0        6.278400000000000E-1
      3.267000000000000E+0        5.886000000000000E-1
      3.349000000000000E+0        5.689800000000000E-1
      3.430000000000000E+0        5.395500000000000E-1
      3.512000000000000E+0        5.101200000000000E-1
      3.593000000000000E+0        4.905000000000000E-1
      3.674000000000000E+0        4.708800000000000E-1
      3.756000000000000E+0        4.512600000000000E-1
      3.837000000000000E+0        4.316400000000000E-1
      3.919000000000000E+0        4.120200000000000E-1
      4.000000000000000E+0        3.924000000000000E-1

   PeriodTbl                2   "Spettro SLV - vert"
      0.000000000000000E+0        9.515700000000000E-1
      5.000000000000000E-2        2.383830000000000E+0
      1.500000000000000E-1        2.383830000000000E+0
      2.350000000000000E-1        1.520550000000000E+0
      3.200000000000000E-1        1.118340000000000E+0
      4.050000000000000E-1        8.829000000000000E-1
      4.900000000000000E-1        7.357500000000000E-1
      5.750000000000000E-1        6.278400000000000E-1
      6.600000000000000E-1        5.395500000000000E-1
      7.450000000000000E-1        4.806900000000000E-1
      8.300000000000000E-1        4.316400000000000E-1
      9.150000000000000E-1        3.924000000000000E-1
      1.000000000000000E+0        3.629700000000000E-1
      1.094000000000000E+0        3.041100000000000E-1
      1.188000000000000E+0        2.550600000000000E-1
      1.281000000000000E+0        2.158200000000000E-1
      1.375000000000000E+0        1.863900000000000E-1
      1.469000000000000E+0        1.667700000000000E-1
      1.563000000000000E+0        1.471500000000000E-1
      1.656000000000000E+0        1.275300000000000E-1
      1.750000000000000E+0        1.177200000000000E-1
      1.844000000000000E+0        1.079100000000000E-1
      1.938000000000000E+0        9.810000000000000E-2
      2.031000000000000E+0        8.829000000000000E-2
      2.125000000000000E+0        7.848000000000000E-2
      2.219000000000000E+0        6.867000000000000E-2
      2.313000000000000E+0        6.867000000000000E-2
      2.406000000000000E+0        5.886000000000000E-2
      2.500000000000000E+0        5.886000000000000E-2
      2.594000000000000E+0        4.905000000000000E-2
      2.688000000000000E+0        4.905000000000000E-2
      2.781000000000000E+0        4.905000000000000E-2
      2.875000000000000E+0        3.924000000000000E-2
      2.969000000000000E+0        3.924000000000000E-2
      3.063000000000000E+0        3.924000000000000E-2
      3.156000000000000E+0        3.924000000000000E-2
      3.250000000000000E+0        2.943000000000000E-2
      3.344000000000000E+0        2.943000000000000E-2
      3.438000000000000E+0        2.943000000000000E-2
      3.531000000000000E+0        2.943000000000000E-2
      3.625000000000000E+0        2.943000000000000E-2
      3.719000000000000E+0        2.943000000000000E-2
      3.813000000000000E+0        2.943000000000000E-2
      3.906000000000000E+0        1.962000000000000E-2
      4.000000000000000E+0        1.962000000000000E-2

/ _____________________________________________________________________________
/ SPECTRAL RESPONSE SOLVER DATA

   SpectralDirectionVector   "Spettro SLV - dir. X"
      1     1.000000000000000E+0      0.000000000000000E+0      0.000000000000000E+0

   SpectralDirectionVector   "Spettro SLV - dir. Y"
      1     0.000000000000000E+0      1.000000000000000E+0      0.000000000000000E+0

   SpectralDirectionVector   "Spettro SLV - dir. Z"
      2     0.000000000000000E+0      0.000000000000000E+0      1.000000000000000E+0
```