

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:

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INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01

LINEA A.V. /A.C. TORINO – VENEZIA Tratta MILANO – VERONA
Lotto funzionale Brescia-Verona

PROGETTO ESECUTIVO

IN89 – SIFONE PK 149+925,00

IN15036 - SIFONE SOTTO LINEA AV/AC

RELAZIONE DI CALCOLO

GENERAL CONTRACTOR	DIRETTORE LAVORI
Consorzio Cepav due <i>Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Taranta)</i> Data: _____	Valido per costruzione Data: _____

COMMESSA	LOTTO	FASE	ENTE	TPO DOC	OPERA/DISCIPLINA	PROGR	REV
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PROGETTAZIONE						ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI VERONA	
Rev.	Descrizione	Redatto	Data	Verificato	Data	Progettista	Data
A	Emissione	GUIARTE	23/11/18	AIELLO	23/11/18	TARANTA ingegnere	23/01/18
B						TOMMASO TABANTA Civile ed Ambientale Industriale dell'Informazione	
C							

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Progetto cofinanziato dalla Unione Europea

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1. INTRODUZIONE

La presente relazione è relativa al calcolo del sifone facente parte dell'opera denominata "IN89 – Sifone pk 149+925,00 – IN15036", previsto nell'ambito dei lavori inerenti la linea A.V./A.C. TORINO – VENEZIA, tratta MILANO – VERONA, lotto funzionale Brescia – Verona, ubicato al km 149+925,00 della linea ferroviaria.

Lo scatolare a doppia canna presenta dimensioni interne 1.20x2.00m con soletta superiore e piedritti di spessore 40cm, soletta inferiore di spessore 50cm e setto interno di spessore 30cm.

La struttura è costituita da tre conci di scatolare due sotto interconnessione con altezze di ricoprimento rispettivamente pari a 3.48m e 3.54m e lunghezze rispettivamente pari a 20.60m e 11.80m e uno sotto linea AV/AC con altezza di ricoprimento pari a 11.52m e lunghezza pari a 15.60m.

A monte e a valle sono presenti inoltre gli imbocchi al sifone caratterizzati da pareti di spessore pari a 50cm.

Nella presente relazione s riporta solo il calcolo del concio sotto linea AV/AC che risulta maggiormente sollecitato.

L'analisi strutturale viene effettuata su un modello piano che descrive una striscia larga 1.00m, secondo i criteri di calcolo descritti nei paragrafi seguenti. L'analisi viene svolta con un programma agli elementi finiti schematizzando i vari setti con elementi "beam" mutuamente incastrati e facendo riferimento ad una larghezza unitaria di struttura che viene pertanto risolta come struttura piana.

Le azioni considerate nel calcolo sono quelle tipiche di una struttura interrata con le aggiunte delle azioni di tipo ferroviario, con applicazione della Normativa sui ponti ferroviari D. M. Min. II. TT. del 14 gennaio 2008 – Norme tecniche per le costruzioni.

L'opera, ubicata tra il Comune di Sona (VR) e il Comune di Sommacampagna (VR), ricade in zona sismica: verranno pertanto considerate anche le azioni derivanti dall'analisi sismica, secondo quanto previsto dal D.M. 14/01/08.

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2. **NORMATIVA DI RIFERIMENTO**

- UNI EN 197-1 giugno 2001 – “Cemento: composizione, specificazioni e criteri di conformità per cementi comuni”;
- UNI EN 11104 luglio 2016 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”, Istruzioni complementari per l’applicazione delle EN 206-1;
- UNI EN 206-1 ottobre 2006 – “Calcestruzzo: specificazione, prestazione, produzione e conformità”.
- UNI EN 1998-5 (Eurocodice 8) – Gennaio 2005: “Progettazione delle strutture per la resistenza sismica – Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici”;
- UNI EN 1992-1-1 (Eurocodice 2) – Novembre 2005: “Progettazione delle strutture di calcestruzzo – Parte 1: Regole generali e regole per edifici”;
- D. M. Min. II. TT. del 14 gennaio 2008 – Norme tecniche per le costruzioni;
- CIRCOLARE 2 febbraio 2009, n.617 Istruzione per l’applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14 gennaio 2008;
- Linee guida sul calcestruzzo strutturale - Presidenza del Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale;
- RFI DTC SI MA IFS 001 A - Manuale di Progettazione delle Opere Civili;
- RFI DTC SI SP IFS 001 A Capitolato Generale Tecnico di Appalto delle Opere Civili.

3. CRITERI DI CALCOLO

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

3.1. Criteri e definizione dell'azione sismica

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

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

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

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

La vita nominale (V_N) dell'opera è stata assunta pari a 100 anni.

La classe d'uso assunta è la III.

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

$$V_R = V_N \cdot C_u = 150 \text{ anni}$$

Il valore di probabilità di superamento del periodo di riferimento P_{VR} , cui riferirsi per individuare l'azione sismica agente, è:

$$P_{VR}(SLV) = 10\%$$

Il periodo di ritorno dell'azione sismica T_R espresso in anni vale:

$$T_R(SLV) = - \frac{V_r}{\ln(1 - P_{vr})} = 1424 \text{ anni}$$

Dato il valore del periodo di ritorno suddetto, tramite le tabelle riportate nell'Allegato B della norma o tramite la mappatura messa a disposizione in rete dall'Istituto Nazionale di Geofisica e Vulcanologia (INGV), è possibile definire i valori di a_g , F_0 , T_c^* .

a_g → accelerazione orizzontale massima del terreno su suolo di categoria A, espressa come frazione dell'accelerazione di gravità;

F_0 → valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T_c^* → periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

S → coefficiente che comprende l'effetto dell'amplificazione stratigrafica (S_s) e dell'amplificazione topografica (S_t).



Il calcolo viene eseguito con il metodo pseudostatico (N.T. par. 7.11.6). In queste condizioni l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.

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

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

La spinta si considera come un carico uniformemente distribuito su h_{tot} .

L'azione sismica è rappresentata da un insieme di forze statiche orizzontali e verticali, date dal prodotto delle forze di gravità per le accelerazioni sismiche massime attese al suolo, considerando la componente verticale agente verso l'alto o verso il basso, in modo da produrre gli effetti più sfavorevoli.

3.2. Combinazioni di carico

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

3.2.1. Combinazioni per la verifica allo SLU

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

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

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

Le verifiche vengono condotte secondo l'approccio progettuale "Approccio 1" e le relative combinazioni previste:

- combinazione 1 → (A1+M1+R1) → STR
- combinazione 2 → (A2+M2+R2) → GEO

Le combinazioni di carico di tipo A1 STR e A2 GEO vengono effettuate adottando i gruppi di azioni indicati in tabella 5.1.IV delle N.T.C. con i coefficienti parziali di sicurezza stradali indicati in tabella 5.1.V delle N.T.C. e i coefficienti di combinazione dei carichi stradali della tabella 5.1.VI delle N.T.C. presenti al capitolo 5.1.3.12 della norma.

Per quanto riguarda i coefficienti parziali per i parametri geotecnici del terreno (γ_M), si fa riferimento alla tabella 6.2.II delle N.T.C., mentre per quanto riguarda i coefficienti parziali per le verifiche agli stati limiti ultimi (γ_R) si fa riferimento alla tabella 6.5.I delle N.T.C..

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

- Combinazione fondamentale, impiegata per gli stati limiti ultimi SLU:

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

- Combinazione sismica, impiegata per gli stati limiti ultimi connessi all'azione sismica E:

$$E + G_1 + G_2 + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$$
- Gli effetti dell'azione sismica sono valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

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

3.2.2. Combinazioni per la verifica allo SLE

Le combinazioni di carico allo SLE vengono effettuate adottando i gruppi di azioni indicati in tabella 5.1.IV delle N.T.C. con i coefficienti di combinazione dei carichi stradali della tabella 5.1.VI delle N.T.C. presenti al capitolo 5.1.3.12 della norma.

Ai fini delle verifiche degli stati limiti di esercizio si definiscono le seguenti combinazioni delle azioni:

- Quasi permanente $\Rightarrow G_1 + G_2 + \psi_{21} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$
- Frequente $\Rightarrow G_1 + G_2 + \psi_{11} \cdot Q_{k1} + \sum_i \psi_{2i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$
- Rara $\Rightarrow G_1 + G_2 + Q_{k1} + \sum_i \psi_{0i} \cdot Q_{ki} \Rightarrow (\Phi_d' = \Phi_k')$

4. CARATTERISTICHE DEI MATERIALI

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

4.1. Calcestruzzo per magrone

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

4.2. Calcestruzzo

Per la realizzazione delle strutture, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C32/40 (Rck ≥ 40 N/mm²) che presenta le seguenti caratteristiche:

- Resistenza caratteristica a compressione (cilindrica) $\rightarrow f_{ck} = 0.83 \times R_{ck} = 33.20$ N/mm²
- Resistenza media a compressione $\rightarrow f_{cm} = f_{ck} + 8 = 41.20$ N/mm²
- Modulo elastico $\rightarrow E_{cm} = 22000 \times (f_{cm}/10)^{0.3} = 33643$ N/mm²
- Resistenza di calcolo a compressione $\rightarrow f_{cd} = \alpha_{cc} \times f_{ck} / \gamma_c = 0.85 * f_{ck} / 1.5 = 18.81$ N/mm²
- Resistenza a trazione media $\rightarrow f_{ctm} = 0.30 \times f_{ck}^{2/3} = 3.10$ N/mm²
- Resistenza a trazione $\rightarrow f_{ctk} = 0.7 \times f_{ctm} = 2.169$ N/mm²
- Resistenza a trazione di calcolo $\rightarrow f_{ctd} = f_{ctk} / \gamma_c = 1.446$ N/mm²
- Resistenza a compressione (comb. Rara) $\rightarrow \sigma_c = 0.55 \times f_{ck} = 18.26$ N/mm²
- Resistenza a compressione (comb. Quasi permanente) $\rightarrow \sigma_c = 0.40 \times f_{ck} = 13.28$ N/mm²

4.3. Acciaio per cemento armato

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

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

- Tensione di snervamento caratteristica $\rightarrow f_{yk} \geq 450$ N/mm²
- Tensione caratteristica a rottura $\rightarrow f_{tk} \geq 540$ N/mm²
- Tensione in condizione di esercizio (comb. Rara) $\rightarrow \sigma_s = 0.80 * f_{yk} = 360.00$ N/mm²
- Fattore di sicurezza acciaio $\rightarrow \gamma_s = 1.15$
- Resistenza a trazione di calcolo $\rightarrow f_{yd} = f_{yk} / \gamma_s = 391.30$ N/mm²

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4.4. Durabilità e prescrizioni sui materiali

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

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

Per le opere della presente relazione si adotta quanto segue:

Fondazione/ Elevazione CLASSE DI ESPOSIZIONE XC4 + XF1

4.5. Copriferro minimo e copriferro nominale

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

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

Considerate le condizioni ambientali dell'opera e le classi di resistenza del calcestruzzo, si adotta un copriferro nominale pari a $c_{nom} = 50$ mm.

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5. PARAMETRI SISMICI

L'opera ricade tra il Comune di Sona e il Comune di Sommacampagna in provincia di Verona.

I corrispondenti valori delle caratteristiche sismiche per lo SLV (TR=1424 anni) sono i seguenti:

$$a_g = 0.237g$$

$$a_{gv} = 0.155 g;$$

$$F_0 = 2.432;$$

$$T^*_c = 0.283 s;$$

Per quanto riguarda il sottosuolo su cui insiste l'opera, si assume che ricada in categoria sismica "B" e categoria topografica "T1". Il coefficiente di amplificazione stratigrafica e topografica risultano quindi:

$$S_S = 1.170$$

$$S_T = 1.0$$

L'accelerazione massima orizzontale viene valutata pari a:

$$a_{\max} (\text{SLV}) = S a_g = 1.170 \times 1.00 \times 0.237 g = 0.277 g$$

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6. PARAMETRI GEOTECNICI

I parametri geotecnici caratteristici impiegati per caratterizzare i materiali da reinterri, sono:

Materiali da reinterro a tergo dello scatolare:

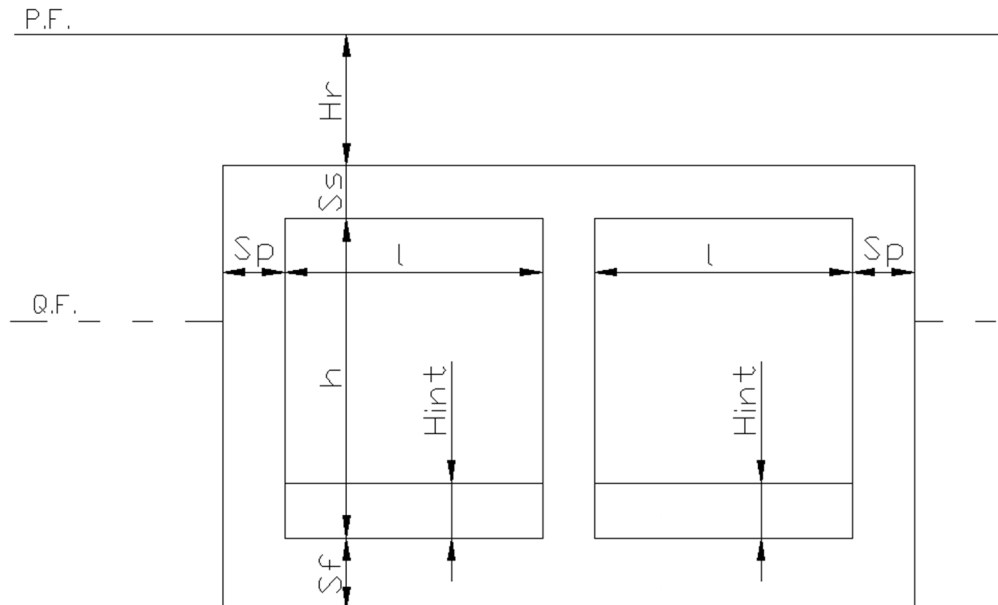
- $\Phi'_k = 35^\circ$
- $\gamma_m = 20 \text{ kN/m}^3$
- $\gamma' = 10 \text{ kN/m}^3$
- $\gamma_w = 10 \text{ kN/m}^3$

Il coefficiente di spinta a riposo corrispondente è pari a $k_0 = 0.426$.

Per quanto riguarda le caratteristiche geotecniche del terreno in situ, si rimanda allo specifico documento Rif. [1].

7. GEOMETRIA DELLA STRUTTURA

Si riportano di seguito le dimensioni geometriche della struttura:



Dimensioni geometriche (sezione in retto):

- $l = 1.20$ m
- $h = 2.00$ m
- $S_s = 0.40$ m
- $S_f = 0.50$ m
- $S_p = 0.40$ m
- $H_r = 11.52$ m
- P.F. = quota Piano Ferro
- Q.F. = quota Falda

La falda risulta posizionata al di sotto del piano di fondazione dello scatolare e pertanto non influenza il dimensionamento dell'opera.

L'asse del sottopasso è posizionato in retto rispetto all'asse ferroviario.

8. MODELLAZIONE STRUTTURALE

8.1. Codice di calcolo

L'analisi della struttura scatolare è stata condotta con un programma agli elementi finiti (SAP2000) schematizzando i vari setti con elementi "beam" mutuamente incastrati e facendo riferimento ad una larghezza unitaria di struttura che viene pertanto risolta come struttura piana.

8.2. Modellazione adottata

La struttura viene schematizzata attraverso un modello analitico agli elementi finiti, assumendo uno schema statico di telaio chiuso.

L'analisi strutturale viene condotta con il metodo degli spostamenti per la valutazione dello stato tenso-deformativo indotto da carichi statici.

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

La caratteristica elastica della generica molla viene calcolata nel seguente modo:

- K_s = costante di sottofondo [F/L³]
- b_t = interasse trasversale di competenza della generica molla
- b_l = interasse longitudinale di competenza della generica molla (= 1.00 m)
- $W_s = K_s / (b_t \times b_l)$ = caratteristica elastica della generica molla

La costante di sottofondo adottata per la modellazione, funzione del tipo di terreno presente in sito, è pari a:

$$K_s = 5000 \text{ kN/m}^3$$

Per le caratteristiche geometriche delle varie aste si è quindi assunto:

- una sezione rettangolare $b \times h = 100 \times S_s$ cm per la soletta superiore
- una sezione rettangolare $b \times h = 100 \times S_f$ cm per la soletta di fondazione
- una sezione rettangolare $b \times h = 100 \times S_p$ cm per i piedritti.

Per quanto riguarda la rigidezza delle aste del reticolo si è assunto:

- $E_c = 33643 \text{ N/mm}^2$ (Per cls Rck 40);

Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle seguenti figure.

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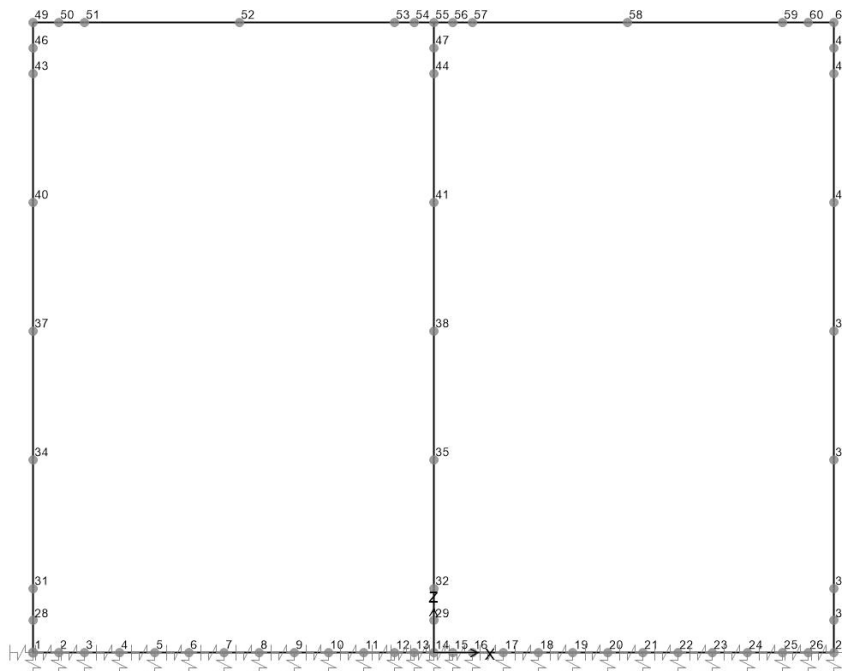
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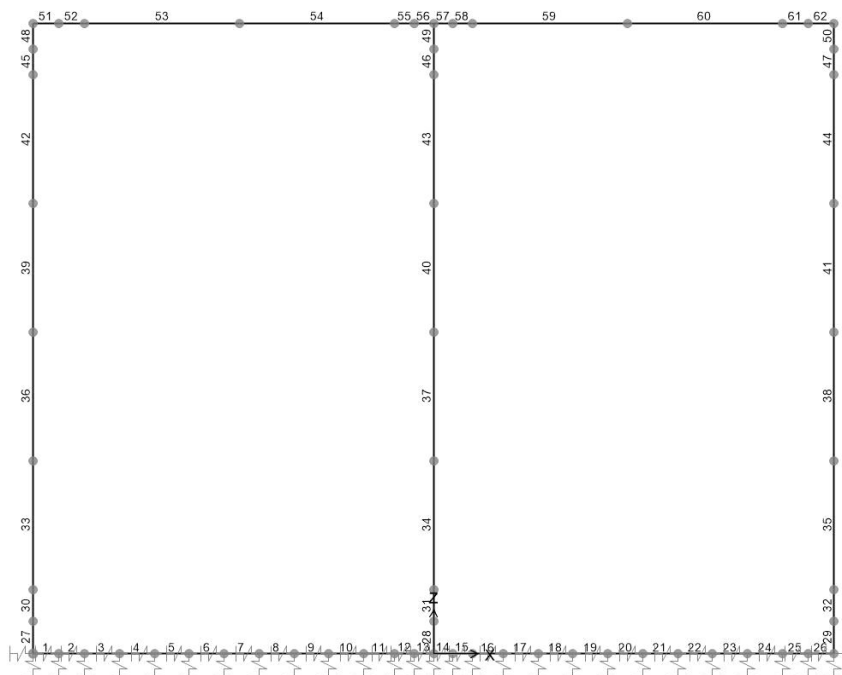
Numerazione dei nodi:

X-Z Plane @ Y=0



Numerazione delle aste:

X-Z Plane @ Y=0



9. ANALISI DEI CARICHI

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

Vengono prese in considerazione le condizioni elementari di carico di seguito determinate.

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

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato:	$\gamma_{c.a.}$	= 25	kN/m ³
- rilevato:	γ_{ril}	= 20	kN/m ³
- sovrastruttura ferroviaria:	γ_{ric}	= 24	kN/m ³
- massicciata + armamento:	$\gamma_{ballast}$	= 18	kN/m ³

9.1. Peso proprio strutture (Load1)

- soletta superiore	$S_s \times \gamma_{c.a.} = 0.40 \times 25.00$	= 10.00 kN/m²
- piedritti	$S_p \times \gamma_{c.a.} = 0.40 \times 25.00$	= 10.00 kN/m²
- soletta inferiore	$S_i \times \gamma_{c.a.} = 0.50 \times 25.00$	= 12.50 kN/m²

9.2. Carichi permanenti portati (Load2 e Load3)

Si considera che il ballast abbia uno spessore pari a 80 cm.

Load2 (sovraccarico ad esclusione del ballast ed armamento):

peso soletta muro	$H_{sol} \times \gamma_{c.a.} = 1.60 \times 25.00$	= 40.00 kN/m²
peso rilevato	$H_{ril} \times \gamma_{ril} = 9.12 \times 20.00$	= 182.40 kN/m²

Load 3 (sovraccarico dovuto a ballast e armamento):

peso ballast + armamento	$H_{ballast} \times \gamma_{ballast} = 0.80 \times 18.00$	= 14.40 kN/m²
--------------------------	---	---------------------------------

9.3. Spinta del terreno (Load4 e Load5)

Il reinterro a ridosso dello scatolare verrà realizzato tramite materiale arido di buone caratteristiche meccaniche. Secondo quanto riportato in precedenza per il reinterro si assumono i seguenti parametri:

$$\gamma_t = 20 \text{ kN/m}^3$$

$$\gamma_w = 10 \text{ kN/m}^3$$

$$\phi'_k = 35^\circ$$

$$k_{0,k} = 0.4264 \quad k_{0,M1} = 0.4264 \quad k_{0,M2} = 0.5113$$

$$k_{a,k} = 0.2710 \quad k_{a,M1} = 0.2710 \quad k_{a,M2} = 0.3434$$

Si riporta di seguito il calcolo delle pressioni agenti sulla struttura, eseguito sia per la Combinazione 1 (A1+M1+R1) che per la Combinazione 2 (A2+M2+R2), ed indicando con Load 4 le spinte a riposo sul piedritto sinistro e con Load 5 quelle sul piedritto destro.

Approccio 1 – Combinazione 1

- Pressione in asse soletta superiore:

$$P_1 (h_1 = 11.72\text{m}) = k_{0,M1} \times [H_{\text{ballast}} \times \gamma_{\text{ballast}} + (h_1 - H_{\text{ballast}}) \times \gamma_t] =$$

$$= 0.4264 \times [(0.80 \times 18 + (11.72 - 0.80) \times 20)] = \mathbf{99.27 \text{ kN/m}^2}$$

- Pressione in asse soletta inferiore:

$$P_2 (h_2 = 14.17\text{m}) = P_1 + k_{0,M1} \times (h_2 - h_1) \times \gamma_t =$$

$$= 99.27 + 0.4264 \times (14.17 - 11.72) \times 20 = \mathbf{120.17 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

- Pressione in asse soletta superiore:

$$P_1 (h_1 = 11.72\text{m}) = k_{0,M2} \times [H_{\text{ballast}} \times \gamma_{\text{ballast}} + (h_1 - H_{\text{ballast}}) \times \gamma_t] =$$

$$= 0.5113 \times [(0.80 \times 18 + (11.72 - 0.80) \times 20)] = \mathbf{119.03 \text{ kN/m}^2}$$

- Pressione in asse soletta inferiore:

$$P_2 (h_2 = 14.17\text{m}) = P_1 + k_{0,M2} \times (h_2 - h_1) \times \gamma_t =$$

$$= 119.03 + 0.5113 \times (14.17 - 11.72) \times 20 = \mathbf{144.08 \text{ kN/m}^2}$$

9.4. Azioni termiche e ritiro (Load 6 ÷ 9)

Sono stati considerati gli effetti dovuti alle variazioni termiche. In particolare, è stata considerata una variazione termica uniforme di $\pm 15^\circ \text{C}$ sulla soletta superiore (Load 6 e Load 7), ed un salto termico di 5°C (analizzando i due casi di intradosso più caldo dell'estradosso e viceversa), con andamento lineare nello spessore della soletta superiore (Load 8 e Load 9).

Il valore applicato della variazione termica uniforme viene ridotto di 1/3 per considerare gli effetti viscosi del calcestruzzo, ed è quindi pari a $\pm 5^\circ \text{C}$.

Per il coefficiente di dilatazione termica si assume:

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

Ritiro

Gli effetti del ritiro vanno valutati a “lungo termine” attraverso il calcolo dei coefficienti di ritiro finale $\epsilon_{cs}(t, t_0)$ e di viscosità $\phi(t, t_0)$, come definiti nell'EC 2- UNI EN 1992-1-1 Novembre 2005 e D. M.14-01-2008.

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria della sola soletta superiore, assumendo la dimensione convenzionale h_0 pari a $2 \times A/u = 2 \times H = 80 \text{ cm}$, ed un calcestruzzo C32/40 classe N.

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$$B = 100 \text{ cm}$$

$$H = 40 \text{ cm}$$

Deformazione da ritiro:

$$U.R. = 75\%$$

$$\epsilon_{ca}(t = \infty) = 2.5 \times (f_{ck} - 10) \times 10^{-6} = 2.5 \times (0.83 \times 40 - 10) \times 10^{-6} = 0.058 \text{ ‰}$$

$$\epsilon_{cd}(t = \infty) = k_h \times \epsilon_{cd,0} = 0.7 \times 0.32 \text{ ‰} = 0.22 \text{ ‰} \text{ (per calcestruzzo C32/40 classe N, U.R.=75\%)}$$

$$\epsilon_r = \epsilon_{ca} + \epsilon_{cd} = 0.278 \text{ ‰}$$

Effetto viscosità:

Il modulo viscoso a tempo infinito, in considerazione del valore di h_0 , della resistenza del calcestruzzo e della U.R., può cautelativamente essere assunto pari a $\phi(t = \infty) = 2.5$.

Il ritiro viene considerato nel calcolo delle sollecitazioni come un'azione termica applicata alla soletta superiore di intensità pari a:

$$\alpha \times \Delta T \times E_c = -\epsilon_r \times E_c / (1 + \phi)$$

$$\Delta T = -\epsilon_r / [\alpha \times (1 + \phi)] = -0.278 \text{ ‰} / [10 \times 10^{-6} \times (1 + 2.5)] = -7.94 \cong -10 \text{ °C.}$$

L'azione termica viene combinata con le altre azioni solamente quando il suo contributo incrementa le sollecitazioni. Per semplicità di calcolo, essa si considera sommata all'azione termica uniforme negativa (**Load 7**), considerando quindi un'azione pari a:

$$\Delta T^{(-)} = -5 - 10 = -15 \text{ °C.}$$

9.5. Carichi mobili verticali sulla soletta superiore (Load 10 ÷ Load 13)

Detta L_d la *larghezza di diffusione del carico trasversale* dalla rotaia alla quota del piano medio della soletta di copertura, assumendo che detta diffusione avvenga con rapporto 4/1 lungo il ballast ed il terrapieno e 1/1 lungo le strutture in c.a., si ottiene, considerando 2.60 m la larghezza della traversina:

$$L_d = 2.60 + 2 \times ((H_r - 0.40)/4 + S_g/2) = 2.60 + 2 \times ((11.52 - 0.40)/4 + 0.40/2) = 8.56 \text{ m} > 4.50 \text{ m (interasse binario)}$$

Si considera $L_d = 7.80\text{m}$ (pari alla metà della larghezza trasversale del muro di linea che grava sullo scatolare).

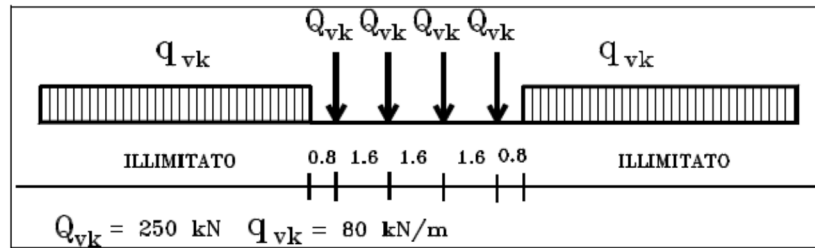
Incremento dinamico per linee con elevato standard manutentivo

Poiché il sottovia ha altezza libera $\leq 5.0\text{m}$ e luce libera $\leq 8.0\text{m}$, vale quanto segue:

$$\phi_2 = 1.20$$

Treno LM71 (Load 10)

Il treno LM71 è schematizzato da quattro assi da 250 kN su una lunghezza di 6.4m e da un carico distribuito di 80 kN/m in entrambe le direzioni per una lunghezza illimitata.



Treno di carico LM71

Si determina la larghezza di diffusione in direzione longitudinale del singolo asse, considerando una larghezza della traversina pari a 0.25m:

$$L_1 = 0.25 + 2 \times ((11.52 - 0.40)/4 + 0.40/2) = 6.21 \text{ m} > 1.60 \text{ m.}$$

Si considera un'unica impronta di carico di lunghezza pari a $L_1 = 6.40 \text{ m}$.

Tutti i valori dei carichi suddetti dovranno essere moltiplicati per un coefficiente di adattamento " α ", variabile in ragione della tipologia dell'infrastruttura (ferrovie ordinarie, ferrovie leggere, metropolitane, ecc.).

Modello di carico	Coefficiente " α "
LM71	1.1
SW/0	1.1
SW/2	1.0

Coefficiente di adattamento " α " in funzione del modello di carico

Il carico equivalente distribuito relativo ai quattro assi vale:

$$q_{\text{equi}} = 250 \times 4 / 6.40 = 156.25 \text{ kN/m}$$

- in corrispondenza dei quattro assi da 250 kN

$$q_1 = \alpha \times q_{\text{equi}} / L_{d1} \times \phi_2 = 1.10 \times 156.25 / 7.80 \times 1.20 = \mathbf{26.44 \text{ kN/m}^2}$$

- in corrispondenza del carico $q = 80 \text{ kN/m}$

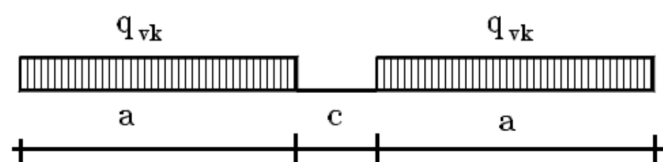
$$q_2 = \alpha \times q / L_{d1} \times \phi_2 = 1.10 \times 80 / 7.80 \times 1.20 = \mathbf{13.54 \text{ kN/m}^2}.$$

Per lo scatolare in esame, si individuano le seguenti tre disposizioni del carico LM71:

- Assi da 250kN centrati sulla mezzeria (**Load 10**);
- Assi da 250 kN disposti in corrispondenza del piedritto destro (**Load 11**);
- Assi da 250 kN disposti in corrispondenza del piedritto sinistro (**Load 12**).

Treno SW/2 (Load 13)

Viene schematizzato da un carico uniformemente ripartito



Treno di carico SW

Tale carico schematizza gli effetti statici prodotti dal traffico ferroviario pesante.

L'articolazione del carico è mostrata nella figura sopra riportata e, per tale modello di carico, sono considerate due distinte configurazioni denominate SW/0 ed SW/2 (l'SW/0 va considerato solo per travi continue qualora più sfavorevole dell'LM71).

Treno di Carico	q_{vk} [kN/m]	a [m]	c [m]
SW/0	133	15.0	5.3
SW/2	150	25.0	7.0

Caratteristiche Treno di Carico SW

Per i manufatti scatolari in oggetto non si prende in considerazione il treno SW/0.

$$q_{vk} = 150 \text{ kN/m}$$

$$q = q_{vk} / L_d \times \phi_2 = 150 / 7.80 \times 1.20 = \mathbf{23.08 \text{ kN/m}^2}$$

Si considera il treno di carico SW/2 applicato su tutta la soletta superiore, essendo $a = 25$ m maggiore della larghezza della stessa (**Load 13**).

9.6. Spinta del sovraccarico sul rilevato (Load 14 - Load 15)

Si riporta di seguito il calcolo delle pressioni indotte sulla struttura dal sovraccarico su rilevato.

Per quanto riguarda il carico del treno LM71 si ottiene:

Approccio 1 – Combinazione 1

$$p_1 = \alpha \times q / L_d \times k_{0,M1} = 1.10 \times 156.25 / 7.80 \times 0.4264 = \mathbf{9.40 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

$$p_1 = \alpha \times q / L_d \times k_{0,M2} = 1.10 \times 156.25 / 7.80 \times 0.5113 = \mathbf{11.27 \text{ kN/m}^2}$$

Per il treno SW/2 si ottiene (**Load 15**):

Approccio 1 – Combinazione 1

$$p_2 = q_{vk} / L_{d1} \times k_{0,M1} = 150 / 7.80 \times 0.4264 = \mathbf{8.20 \text{ kN/m}^2}$$

Approccio 1 – Combinazione 2

$$p_2 = q_{vk} / L_{d1} \times k_{0,M2} = 150 / 7.80 \times 0.5113 = \mathbf{9.83 \text{ kN/m}^2}$$

Nel modello di calcolo si considera la spinta congruente al treno di carico verticale considerato. La spinta è applicata sul solo piedritto sinistro per massimizzare gli effetti di sbilanciamento della struttura.

9.7. Frenatura e avviamento (Load 16 e Load 17)

Le forze di frenatura e di avviamento agiscono sulla sommità del binario nella direzione longitudinale dello stesso.

I valori caratteristici da considerare sono i seguenti:

$$Q_{la,k} = 33 \text{ [kN/m]} \times L \text{ [m]} \leq 1000 \text{ kN} \quad \text{avviamento per modelli di carico LM71, SW/0 e SW/2}$$

$$Q_{lb,k} = 20 \text{ [kN/m]} \times L \text{ [m]} \leq 6000 \text{ kN}$$

frenatura per modelli di carico LM71 e SW/0

$$Q_{lb,k} = 35 \text{ [kN/m]} \times L \text{ [m]}$$

frenatura per modello di carico SW/2

Treno LM71 – avviamento (Load 16)

$$Q_{avv,LM71} = 33.0 / L_d = 33.0 / 4.50 = 7.33 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$Q_{avv,LM71} = 7.33 \times (3.50/3.10) = \mathbf{8.28 \text{ kN/m}^2}$$

Treno SW/2 – frenatura (Load 17)

$$Q_{fren,SW/2} = 35.0 / L_d = 35.0 / 4.50 = 8.66 \text{ kN/m}$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$Q_{fren,SW/2} = 8.66 \times (3.50/3.10) = \mathbf{8.78 \text{ kN/m}^2}$$

Nel modello di calcolo si considera l'azione congruente al treno di carico verticale considerato. La spinta è applicata da sinistra verso destra per massimizzare gli effetti di sbilanciamento della struttura.

9.8. Sovraccarichi accidentali sulla soletta di fondazione

A favore di sicurezza si trascurano i carichi presenti sulla soletta di fondazione.

9.9. Serpeggio

Poiché l'asse del sottopasso è posto in retto rispetto all'asse ferroviario e poiché la sezione di calcolo è ortogonale all'asse del sottopasso, la forza longitudinale relativa al serpeggio risulta ortogonale al piano del telaio di calcolo: essa non dà perciò effetti nel modello e non viene quindi quantificata.

9.10. Forza centrifuga

L'asse ferroviario in corrispondenza del sottopasso non è in curva e quindi sulla struttura agisce forza centrifuga.

9.11. Azione sismica (Load 18÷27)

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

$$F_h = P \times a_{gh};$$

$$F_v = P \times a_{gv};$$

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

$a_{gh} = 0.277 \text{ g}$, accelerazione orizzontale;

$a_{gv} = 0.155 \text{ g}$, accelerazione verticale.

Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento all'EC8-5, appendice E – “Analisi semplificata per le strutture di contenimento”, punto 9 – “Forze causate dalla spinta del terreno per strutture rigide”, in cui l'incremento di spinta sismica ΔP per la condizione a riposo viene valutato come:

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

La risultante di tale incremento di spinta (**Load 18**) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot} :

$$\Delta p_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 14.42 = 79.89 \text{ kN/m}^2$$

Per tenere in conto della metà dello spessore della soletta superiore che non è modellata che subisce la forza sismica, il carico applicato alla struttura risulta pari a:

$$\Delta p_{d,incr} = \Delta p_d \times (H_{interna} + S_s + S_i) / (H_{interna} + S_s/2 + S_i) = 79.89 \times 2.65 / 2.45 = \mathbf{86.41 \text{ kN/m}^2}$$

Ai fini del calcolo delle azioni sismiche orizzontali dovute all'inerzia degli elementi strutturali non si considera sulla soletta superiore l'inerzia dovuta alla presenza del rilevato (**Load 19**):

$$\text{Piedritti: } \Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.40 \times 0.277 = \mathbf{2.77 \text{ kN/m}^2}$$

$$\text{Soletta: } \Delta p_{s,h} = \gamma_{c.a.} \times S_s \times a_{gh} = 25 \times 0.40 \times 0.277 = \mathbf{2.77 \text{ kN/m}^2}$$

Sulla soletta superiore sono presenti alternativamente i treno di carico LM71 e SW/2 dei quali si considera l'inerzia della massa ad essi associata (Load 20 e Load 21).

Considerando inoltre che le N.T.C. assegnano alle masse derivanti dal carico mobile un coefficiente di combinazione $\psi_2 = 0.20$, l'effetto inerziale del treno di carico LM71 (**Load 20**) vale:

$$\Delta p_{LM71,h} = 26.44 \times 0.20 \times 0.277 = 1.46 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$\Delta p_{LM71,h} = 1.46 \times (3.50/3.10) = \mathbf{1.65 \text{ kN/m}^2}$$

Analogamente, l'effetto inerziale del treno di carico SW/2 (**Load 21**) vale:

$$\Delta p_{SW/2,h} = 23.08 \times 0.20 \times 0.277 = 1.28 \text{ kN/m}^2$$

Tale valore viene incrementato per tenere conto della riduzione di lunghezza della soletta nel modello di calcolo:

$$\Delta p_{SW/2,h} = 1.28 \times (3.50/3.10) = \mathbf{1.44 \text{ kN/m}^2}$$

Ai fini del calcolo delle azioni sismiche verticali dovute all'inerzia degli elementi strutturali si considera sulla soletta superiore anche l'inerzia dovuta alla presenza del rilevato. Le azioni verticali si considerano alternativamente agenti verso l'alto o verso il basso (**Load 22, Load 23**):

$$\text{Piedritti: } \Delta p_{p,v} = \pm \gamma_{c.a.} \times S_p \times a_{gv} = \pm 25 \times 0.40 \times 0.155 = \mathbf{= \pm 1.55 \text{ kN/m}^2}$$

$$\text{Soletta: } \Delta p_{s,v} = \pm (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gv} = \pm (25 \times 0.40 + 236.80) \times 0.155 = \mathbf{= \pm 38.25 \text{ kN/m}^2}$$

Sulla soletta superiore sono presenti alternativamente i treno di carico LM71 e SW/2 dei quali si considera l'inerzia della massa ad essi associata (Load 24÷27). Le azioni verticali si considerano alternativamente agenti verso l'alto o verso il basso.

L'inerzia del treno LM71 si considera uniformemente distribuito sulla soletta superiore (**Load 24 e Load 25**):

$$\Delta p_{LM71,v} = \pm 26.44 \times 0.20 \times 0.155 = \mathbf{= \pm 0.82 \text{ kN/m}^2}$$

L'inerzia del treno SW/2 si considera uniformemente distribuito sulla soletta superiore (**Load 26 e Load 27**):

$$\Delta p_{SW/2,v} = \pm 23.08 \times 0.20 \times 0.155 = \mathbf{= \pm 0.72 \text{ kN/m}^2}$$

9.12. Riepilogo dei carichi sollecitanti

Nella seguente tabella vengono riportati i valori delle sollecitazioni per i singoli casi di carico, determinati come sopra riportato.

<i>Load 1</i>	Soletta superiore	10,00	kN/m ²
	Piedritti	10,00	kN/m ²
	Soletta inferiore	12,50	kN/m ²
<i>Load 2</i>	Sovraccarico permanente	222,40	kN/m ²
<i>Load 3</i>	Ballast	14,40	kN/m ²
<i>Load 4, Load 5 (M1)</i>	P1	99,27	kN/m ²
	P2	0,00	kN/m ²
	P3	120,17	kN/m ²
<i>Load 4, Load 5 (M2)</i>	P1	119,03	kN/m ²
	P2	0,00	kN/m ²
	P3	144,08	kN/m ²
<i>Load 6</i>	T	5	°C
<i>Load 7</i>	T	-15	°C
<i>Load 8</i>	ΔT	12,50	°C/m
<i>Load 9</i>	ΔT	-12,50	°C/m
<i>Load 10, Load 11, Load 12</i>	q1	26,44	kN/m ²
	q2	13,54	kN/m ²
<i>Load 13</i>	q	23,08	kN/m ²
<i>Load 14 (M1)</i>	p1	9,40	kN/m ²
<i>Load 14 (M2)</i>	p1	11,27	kN/m ²
<i>Load 15 (M1)</i>	p2	8,20	kN/m ²
<i>Load 15 (M2)</i>	p2	9,83	kN/m ²
<i>Load 16</i>	$Q_{avv,LM71}$	8,28	kN/m ²
<i>Load 17</i>	$Q_{fren,SW/2}$	8,78	kN/m ²
<i>Load 18</i>	$\Delta p_{d,inc}$	86,41	kN/m ²
<i>Load 19</i>	$\Delta p_{p,h}$	2,77	kN/m ²
	$\Delta p_{s,h}$	2,77	kN/m ²
<i>Load 20</i>	$\Delta p_{LM71,h}$	1,65	kN/m ²
<i>Load 21</i>	$\Delta p_{SW/2,h}$	1,44	kN/m ²
<i>Load 22</i>	$\Delta p_{p,v+}$	1,55	kN/m ²
<i>Load 23</i>	$\Delta p_{s,v+}$	38,25	kN/m ²
	$\Delta p_{p,v-}$	-1,55	kN/m ²
<i>Load 24</i>	$\Delta p_{s,v-}$	-38,25	kN/m ²
	$\Delta p_{LM71,v+}$	0,82	kN/m ²
<i>Load 25</i>	$\Delta p_{LM71,v-}$	-0,82	kN/m ²
<i>Load 26</i>	$\Delta p_{SW/2,v+}$	0,72	kN/m ²
<i>Load 27</i>	$\Delta p_{SW/2,v-}$	-0,72	kN/m ²

10. CALCOLO DELLE SOLLECITAZIONI

Gli effetti dei carichi verticali dovuti alla presenza dei convogli vanno sempre combinati con le altre azioni derivanti dal traffico ferroviario, adottando i coefficienti indicati in Tab. 5.2.IV (NTC).

	Azioni verticali	Frenatura e avviamento	
Gruppo 1	1	0.50	Rara e frequente
Gruppo 3	1(0,5)	1.00	Rara e frequente
Gruppo 4	0.80	0.80	Fessurazione

Per le verifiche agli stati limite ultimi si adottano i valori dei coefficienti parziali in Tab. 5.2.V e i coefficienti di combinazione Ψ in Tab. 5.2.VI (NTC).

Per le verifiche agli stati limite d'esercizio si adottano i valori dei coefficienti parziali in Tab. 5.2.VI (NTC).

10.1. Condizioni e combinazioni di carico adottate

Le condizioni elementari di carico considerate sono di seguito riassunte:

Load	Tipo	Carico
1	Ggk	Peso proprio della struttura
2	Gk	Peso rilevato
3	Gk	Peso ballast
4	Gk	Spinta terre da sinistra
5	Gk	Spinta terre da destra
6	Qk	Carico termico positivo uniforme
7	Qk	Carico termico negativo uniforme
8	Qk	Carico termico variabile +/-
9	Qk	Carico termico variabile -/+
10	Qk	Carico LM71 centrale
11	Qk	Carico LM71 su piedritto DX
12	Qk	Carico LM71 su piedritto SX
13	Qk	Carico SW/2
14	Qk	Avviamento LM71
15	Qk	Frenatura SW/2
16	Qk	Spinta LM71 su piedritto sx
17	Qk	Spinta SW/2 su piedritto sx
18	Qk	Incremento dinamico terreno
19	Qk	Azioni sismiche inerziali orizzontali da permanenti
20	Qk	Azioni sismiche inerziali orizzontali da LM71
21	Qk	Azioni sismiche inerziali orizzontali da SW/2
22	Qk	Azioni sismiche inerziali verso alto da permanenti
23	Qk	Azioni sismiche inerziali verso basso da permanenti
24	Qk	Azioni sismiche inerziali verso alto da LM71
25	Qk	Azioni sismiche inerziali verso basso da LM71
26	Qk	Azioni sismiche inerziali verso alto da SW/2
27	Qk	Azioni sismiche inerziali verso basso da SW/2



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

I valori numerici riportati nelle colonne delle seguenti tabelle di combinazione indicano il coefficiente moltiplicativo con il quale la condizione elementare è considerata. Tali valori sono il risultato dei prodotti tra coefficienti parziali operanti sulle azioni.

10.1.1. Combinazioni SLU di tipo STR

n° CC	P.P.	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - /Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		1,35	1,35	1,5	1,35	1	1,5	0	1,5	0	0	0	0	0	0	0	0	0
2	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
3	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0,58	0	0	0	1,45
4	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	1,45	0	0	0	0,58
5	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	1,45	0	0	0	0,58
6	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	1,45	0	0
7	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0,58	0	1,45	0	1,45
8	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	1,45	0	0,58	0	0,58
9	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	1,45	0	1,16	0	0,58
10	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
11	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0,58	0	0	1,45
12	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	1,45	0	0	0,58
13	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	1,45	0	0	0,58
14	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	1,45	0
15	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0,58	0	1,45	1,45
16	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	1,45	0	0,58	0,58
17	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	1,45	0	1,16	0,58
18	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
19	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
20	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
21	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
22	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	1,45	0	0
23	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
24	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
25	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
26	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	0
27	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45
28	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58
29	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	0,58
30	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	1,45	0
31	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45
32	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58
33	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	1,16
34		1,35	1,35	1,5	1,35	1	0	1,5	1,5	0	0	0	0	0	0	0	0	0
35	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0	0	0
36	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0,58	0	0	0	1,45
37	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0	0,58
38	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	0	0,58
39	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	1,45	0	0
40	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
41	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
42	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
43	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	0
44	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0,58	0	0	1,45
45	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0,58	0	0	1,45	0	0	0,58

10.1.2. Combinazioni SLU di tipo GEO

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1		1	1	1,3	1	1	1,3	0	1,3	0	0	0	0	0	0	0	0	0
2	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	0	0
3	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
4	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
5	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	0	0,5
6	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	1,25	0
7	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	0
8	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
9	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	1	0,5
10	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	0	0
11	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	0
12	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0,5
13	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	0,5
14	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	1,25	0
15	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	1,25
16	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0,5
17	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	0,5
18	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0
19	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	0	0
20	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
21	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0,5
22	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
23	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
24	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0
25	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	1	0
26	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0
27	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	0	1,25
28	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
29	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0,5
30	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
31	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	1,25
32	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
33	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	1	0,5
34		1	1	1,3	1	1	0	1,3	1,3	0	0	0	0	0	0	0	0	0
35	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	0	0	0
36	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	0	0
37	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0	0,5
38	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	0	0,5
39	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	1,25	0	0
40	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	1,25	0
41	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
42	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	1	0
43	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	0	0
44	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0,5	0	0	1,25
45	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	1,25	0	0	0,5
46	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	1,25	0	0	0,5
47	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	1,25	0
48	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0,5	0	1,25
49	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	0	1,25	0	0,5
50	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	1,25	0	1	0,5
51	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0	0	0	0
52	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0,5	0	0	1,25



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n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
108	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	0	0	1,25	0	1	0	0,5
109	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	0	0	0
110	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
111	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
112	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	0	0	0,5
113	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	0	1,25	0
114	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	1,25
115	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
116	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	0	1	0,5
117	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	0	0	0	0
118	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	0	0	1,25
119	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	1,25	0	0	0	0	0,5
120	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	0	0	0,5
121	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	0	1,25	0	0
122	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	1,25	0	1,25
123	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0,5	0	1,25	0	0,5	0	0,5
124	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	1	0	0,5
125	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0
126	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	0	1,25
127	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
128	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0,5
129	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
130	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	1,25
131	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
132	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0	1,25	0	1	0	0,5

10.1.3. Combinazioni SLV

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
2	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
3	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0,2	0	0,2	0	0,2	1	1	1	1	0,3			0,3		
4	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1	1	0,3		0,3		0,3	
5	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1	1	1	0,3			0,3		
6	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1					
7	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1					
8	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1			1		
9	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1		1	
10	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3	0,3		1			1	1	

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
62	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
63	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	1	1		1	0,3					
64	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3	0,3				
65	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	1	1		1	0,3					
66	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0,2	0,3	0,3				1					
67	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
68	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
69	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
70	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3	0,3		1				1	
71	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0	1	1				0,3				
72	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3				
73	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1			0,3				0,3	
74	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3			0,3	
75	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
76	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1				
77	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
78	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
79	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
80	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1

I coefficienti di combinazione SLV applicati ai singoli Load Case sono i medesimi sia per l'Approccio 1-Combinazione 1 che per l'Approccio 1-Combinazione 2.

10.1.4. Combinazioni SLE – Quasi Permanente – Caratteristica

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
QP1		1	1	1	1	1	0,5	0	0,5	0										
QP2		1	1	1	1	1	0	0,5	0,5	0										
QP3		1	1	1	1	1	0,5	0	0	0,5										
QP4		1	1	1	1	1	0	0,5	0	0,5										
Car1	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	0	0	0	0
Car2	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	0	0	0	0
Car3	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	1	0	1	0
Car4	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	1	0	1	0
Car5	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	0	0	0	0
Car6	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	0	0	0	0
Car7	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	1	0	0	1

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n° CC		P.P.	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T-unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car8	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	1	0	1
Car9	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0	0	0
Car10	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	0	0	0
Car11	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	1	0	0,5
Car12	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car13	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0	0	0
Car14	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	0	0	0
Car15	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	1	0	0,5
Car16	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car17	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	0	0
Car18	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	0	0
Car19	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	1	1
Car20	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	1	1
Car21	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	0	0
Car22	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	0	0
Car23	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	1	1
Car24	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	1	1
Car25	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0	0
Car26	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	0	0
Car27	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	1	0,5
Car28	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car29	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0	0
Car30	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	0	0
Car31	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	1	0,5
Car32	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car33	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	0	0	0
Car34	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	0	0	0
Car35	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	1	0	1
Car36	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	1	0	1
Car37	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	0	0	0
Car38	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	0	0	0
Car39	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	1	0	1
Car40	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	1	0	1
Car41	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0	0	0
Car42	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	0	0	0
Car43	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	1	0	0,5
Car44	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car45	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0	0	0
Car46	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	0	0	0
Car47	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	1	0	0,5
Car48	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car49	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	0	0
Car50	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	0	0
Car51	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	1	1
Car52	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	1	1
Car53	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	0	0
Car54	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	0	0
Car55	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	1	1
Car56	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	1	1
Car57	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0	0
Car58	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	0	0
Car59	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	1	0,5
Car60	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5
Car61	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0	0
Car62	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	0	0
Car63	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	1	0,5



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n° CC		P.P.	Rilevato	Ballast	Terra sx	Terra dx	T+unif	T-unif	DT +	DT - / Ritiro	LM71 C	LM71 DX	LM71 SX	SW2	LM71 avv.	SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car64	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5
Car65		1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
Car66		1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Car67	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0,5	0	0	0	0
Car68	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	0	0	0	0
Car69	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0,5	0	1	0	1
Car70	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	0	1	0	1
Car71	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0,5	0	0	0	0
Car72	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	0	0	0	0
Car73	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0,5	0	1	0	1
Car74	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	0	1	0	1
Car75	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	0	1	0	0	0	0
Car76	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	0	0	0
Car77	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	1	0	0,5
Car78	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	0	1	0	0,5	0	0,5
Car79	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0	0	0
Car80	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	0	0	0
Car81	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	1	0	0,5
Car82	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0,5	0	0,5
Car83	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0,5	0	0	0
Car84	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	0	0	0
Car85	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0,5	0	1	1
Car86	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	0	1	1
Car87	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0,5	0	0	0
Car88	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	0	0	0
Car89	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0,5	0	1	1
Car90	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	0	1	1
Car91	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0	0
Car92	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	0	0
Car93	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	1	0,5
Car94	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0,5	0,5
Car95	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0	0
Car96	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	0	0
Car97	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	1	0,5
Car98	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5	0,5
Car99	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	0	0	0
Car100	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	0	0	0
Car101	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	1	0	1
Car102	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	1	0	1
Car103	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	0	0	0
Car104	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	0	0	0
Car105	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	1	0	1
Car106	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	1	0	1
Car107	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0	0	0
Car108	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	0	0	0
Car109	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	1	0	0,5
Car110	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0,5	0	0,5
Car111	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0	0	0
Car112	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	0	0	0
Car113	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	1	0	0,5
Car114	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0,5	0	0,5
Car115	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	0	0
Car116	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	0	0
Car117	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	1	1
Car118	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	1	1
Car119	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0,5	0	0	0



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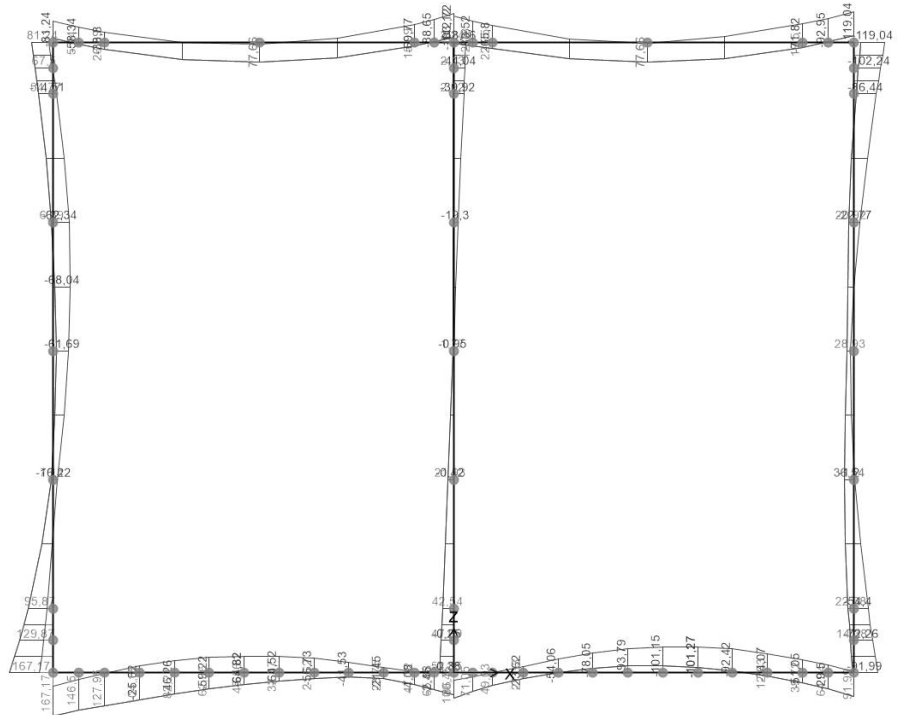
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10.2. Diagrammi di inviluppo

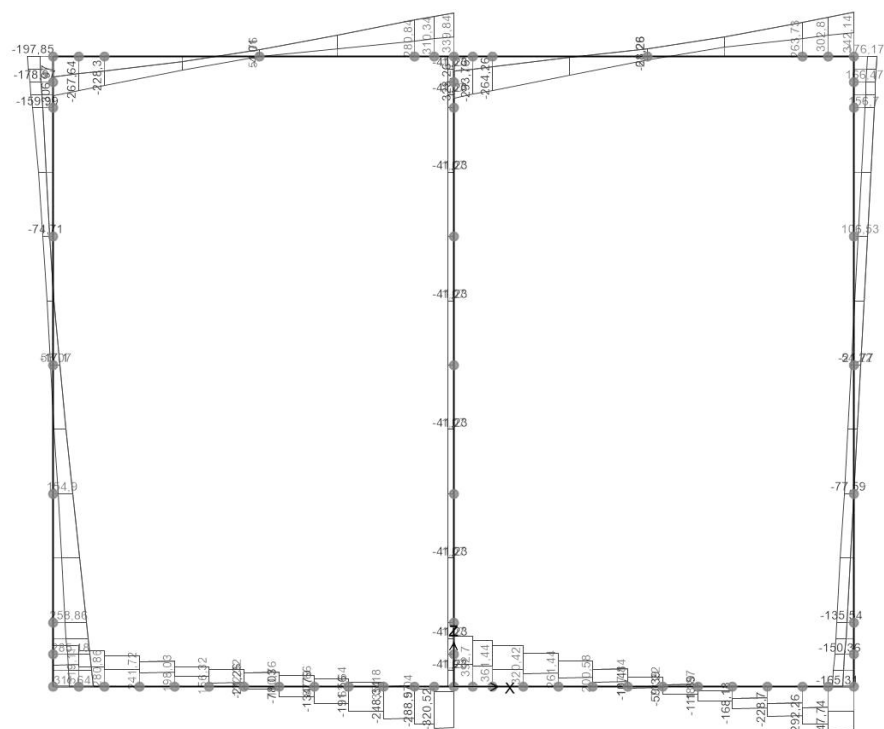
10.2.1. Inviluppo momento flettente SLU/SLV - STR

Moment 3-3 Diagram (ENVTOT_STR)



10.2.2. Inviluppo taglio SLU/SLV - STR

Shear Force 2-2 Diagram (ENVTOT_STR)



GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



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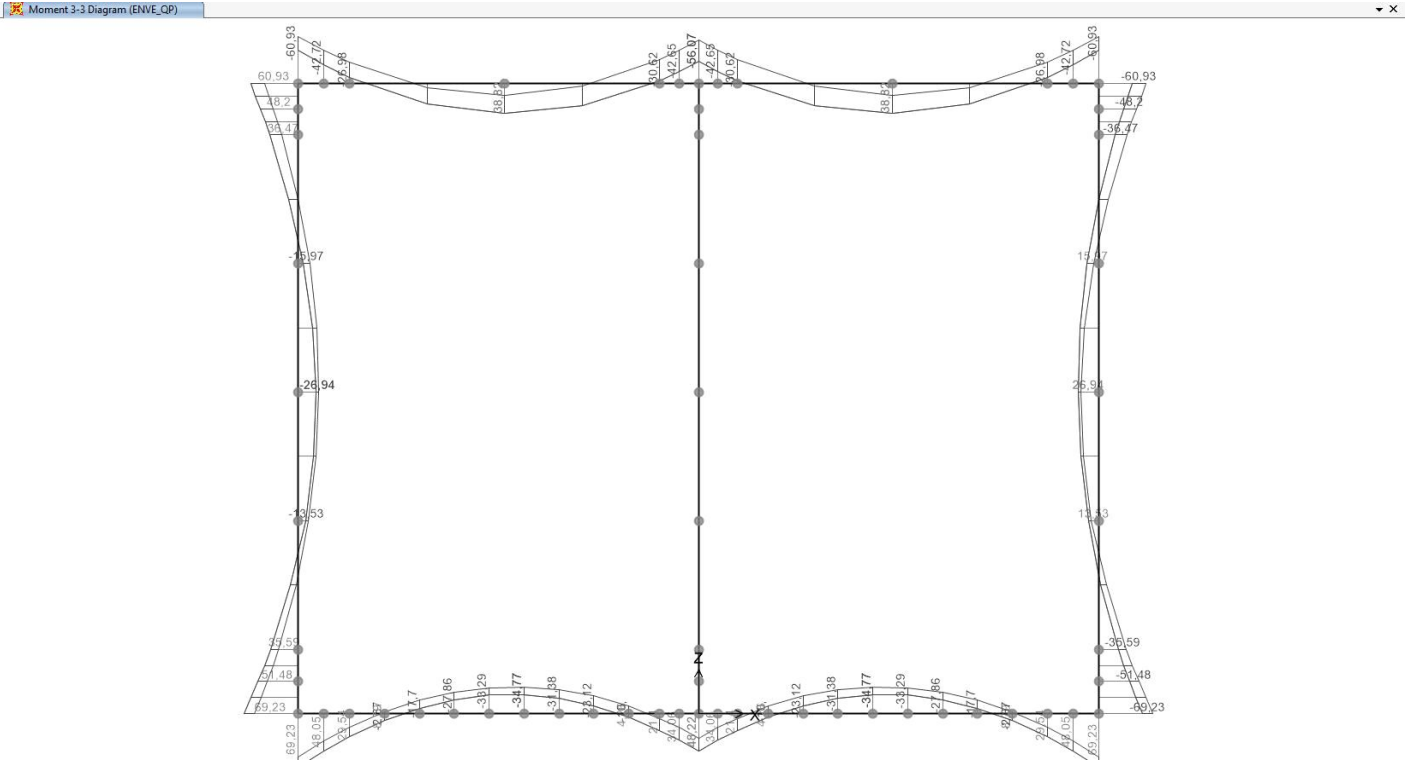
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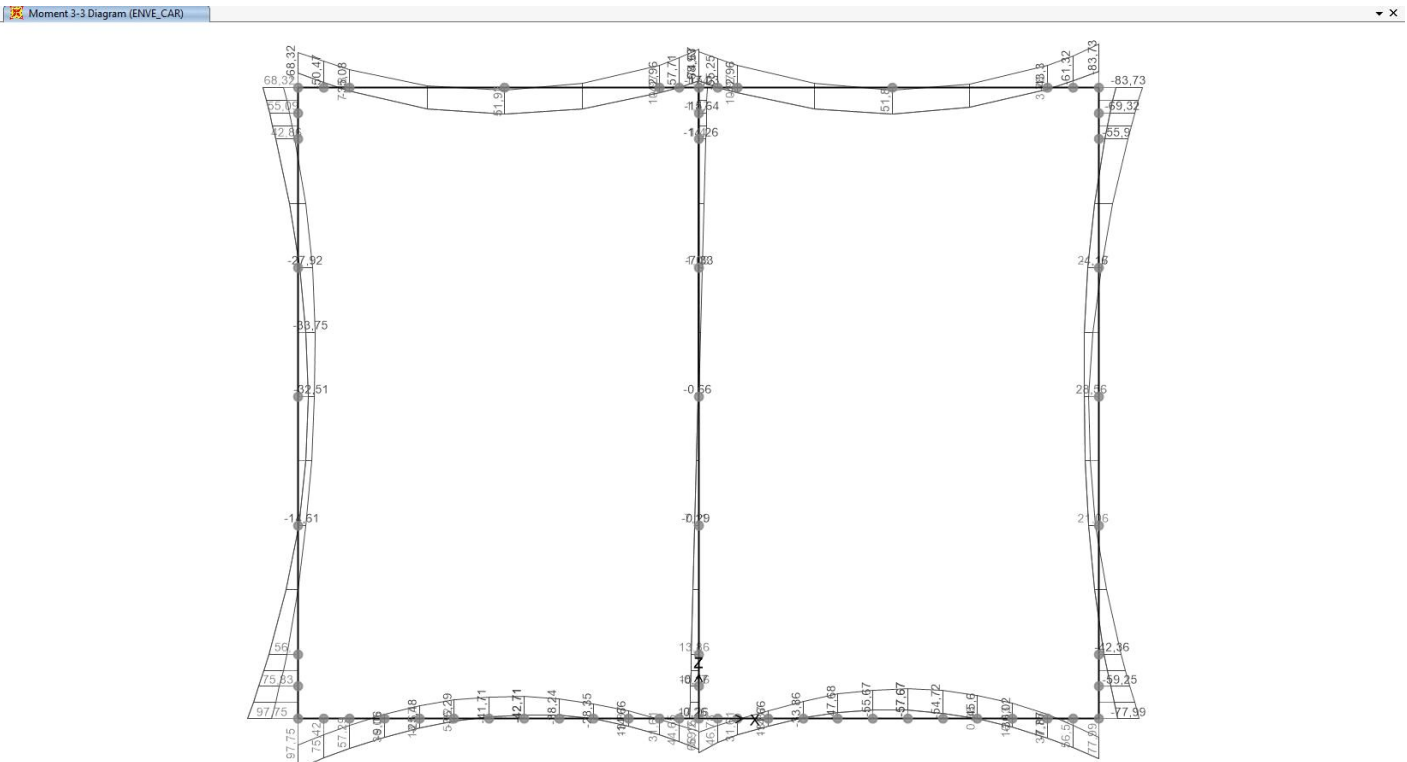
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10.2.3. Involuppo momento flettente SLE – Quasi Permanente



10.2.4. Involuppo momento flettente SLE – Caratteristico



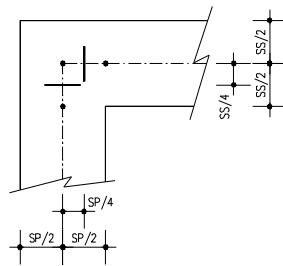
11. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO

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

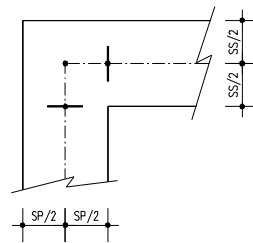
Le verifiche a flessione sono effettuate rispettivamente:

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

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



VERIFICHE A FLESSIONE



VERIFICHE A FESSURAZIONE E TAGLIO

I calcoli di verifica sono effettuati con il metodo degli Stati Limite, applicando il combinato D. M.14.01.2008 con l'UNI EN 1992 (Eurocodice 2).

Le verifiche a taglio sono svolte considerando il puntone in calcestruzzo inclinato di 45° e staffe verticali.

Verifica di formazione delle fessure: la verifica si esegue per la sezione interamente reagente determinando il momento di prima fessurazione e confrontandolo con quello sollecitante; se risulta $M_{cr} < M_{Ed}$ la verifica si considera soddisfatta, altrimenti si procede alla verifica di apertura delle fessure.

Verifica di apertura delle fessure: l'apertura convenzionale delle fessure è calcolata con le modalità indicate nell'Eurocodice 2-1, come indicato dal D. M. Min. II. TT. del 14 gennaio 2008, e valutata con le sollecitazioni relative alla Combinazioni Rara della normativa vigente sui ponti ferroviari. Le massime aperture ammissibili sono:

- condizioni ambientali aggressive e molto aggressive: $w_k \leq w_3 = 0.20 \text{ mm}$
- condizioni ambientali ordinarie: $w_k \leq w_3 = 0.30 \text{ mm}$

Verifica delle tensioni di esercizio: si verifica che le tensioni di lavoro presenti nel calcestruzzo siano inferiori ai seguenti limiti:

- combinazione QP $\sigma_c < 0.40 f_{ck}$;
- combinazione Rara $\sigma_c < 0.55 f_{ck}$,

e che le tensioni di lavoro presenti nell'acciaio siano $\sigma_s < 0.75 f_{yk}$.

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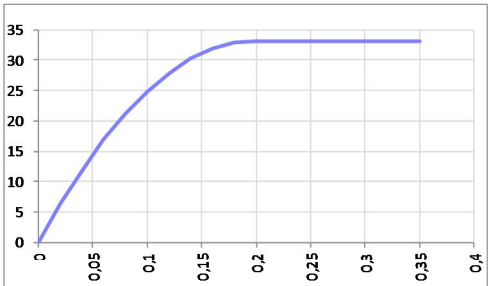
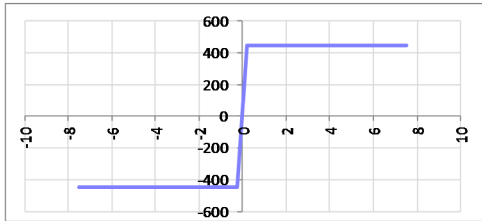
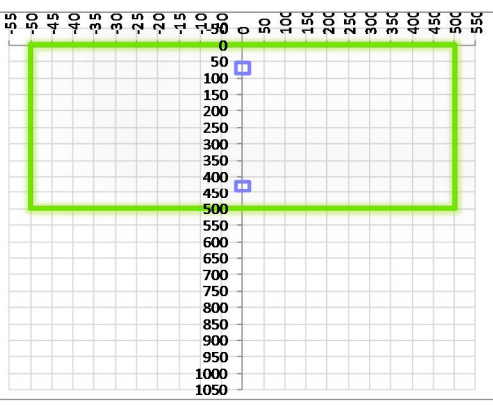
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11.1. Soletta inferiore

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_y/f_{yk})_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogeneizzazione:				
n ,breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	1,99			
n ,lungo termine=	11,29 = E_s/E_{cm}			
n ,verifiche QP	15,0 = E_s/E_{cm}	lungo termine		
n ,verifiche CAR	15,0 = E_s/E_{cm}	breve termine		
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	500 mm			
Armature:				
Pos.	n° barre	∅ mm	y_i mm	As mm²
1	5	16	70	1005,3096
2	5	16	430	1005,3096
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y_i mm	As mm²
superiore	5	12	56	565,48668
inferiore	5	12	444	565,48668
				

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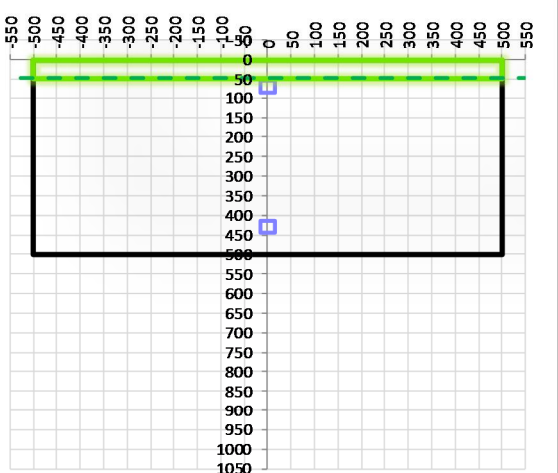
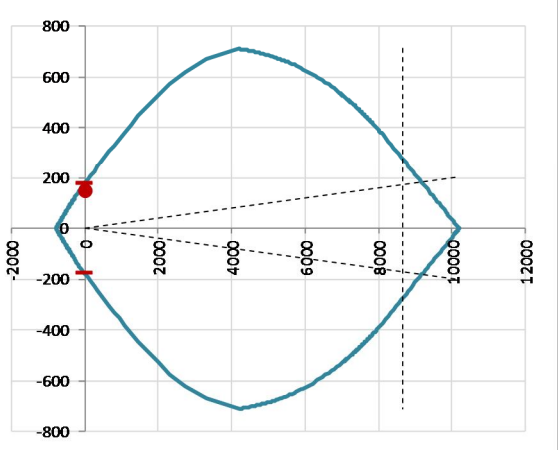
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11.1.1. Soletta inferiore – sezione di incastro

11.1.1.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																					
Coefficienti di sicurezza allo SLU																																																					
Calcestruzzo																																																					
α_{cc}		0,85																																																			
γ_c		1,50																																																			
f_{cd}		22,13 N/mm ²																																																			
$f_{ct,eff}$		2,58 N/mm ²		$=f_{ctm} / 1,2$																																																	
Acciaio																																																					
γ_s		1,15																																																			
f_{yd}		391,30 N/mm ²																																																			
E_{yd}		0,196 %																																																			
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																					
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																													
SLV25	2	0,0	146,5	10193,43	-786,76	178,00	-178,00	82%																																													
Sezione:																																																					
				Fibre compresse Superiori $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -2,81 % d = 430,00 mm x = 47,59 mm x/d = 0,11																																																	
Dominio M-N																																																					
				<table border="1"> <thead> <tr> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td>SLV25</td> <td>2</td> <td>0,0</td> <td>146,5</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLV25	2	0,0	146,5																																				
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																		
SLV25	2	0,0	146,5																																																		

11.1.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.				
Base	b	1000 mm		
Altezza	h	500 mm		
<i>Barre tese</i>		<i>numero barre</i>	<i>diametro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>
strato1		5	16	70
strato2		0	0	0
strato3		0	0	0
strato4		0	0	0
strato5		0	0	0
Area barre tese	A_s	1005 mm ²		
Posizione della barra equivalente	c^*	70 mm		

SOLLECITAZIONI		
Load Case		SLU198
Frame		15
Azione assiale (+ di compressione)	N_{Ed}	kN
Taglio	V_{Ed}	361,44 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	430 mm
Coefficiente	k	1,68
Rapporto di armatura longitudinale	ρ_l	0,23%
Tensione assiale media	σ_{cp}	0,00 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,44 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	189,17 kN
Resistenza al taglio senza armatura	V_{rd}	189,17 kN
Verifica		1,91 E' necessario prevedere armatura a taglio

ARMATURA A TAGLIO		
Diametro staffe	ϕ	12 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	α	90 °
Inclinazione del puntone in calcestruzzo	θ	45 °
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	21,80 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v_1	0,5
Resistenza cilindrica di progetto	f_{cd}	18,81333333 N/mm ²
Area armatura a taglio	A_{st}	565,49 mm ²
	σ_{cp}/f_{cd}	0
Coefficiente di interazione	α_{cw}	1
Resistenza a taglio per rottura delle armature	V_{rds}	428,17 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V_{rcd}	1820,19 kN
Resistenza al taglio	V_{rd}	428,17 kN
Verifica		0,84 Verifica soddisfatta

11.1.1.3. Verifiche allo stato limite di esercizio

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO									
PARAMETRI VERIFICA FESSURAZIONE									
$k_t =$	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
$k_1 =$	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
$k_3 =$	3,40	(valore raccomandato)							
$k_4 =$	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)									
<u>Fessurazione</u>									
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>MO - Mf</i>		
			[kN]	[kNm]	[mm]	[mm]	[kNm]		
Caratteristica	CAR47	3	0,0	54,7	Msd<Mf	0,200	117,70	-	
<u>Tensioni in esercizio</u>									
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$		
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Quasi permanente	QP2	2	0,0	48,1	-2,33	121,03	-9,53	Sezione parzializzata	
Caratteristica	CAR47	2	0,0	75,0	-3,63	188,86	-14,88	Sezione parzializzata	

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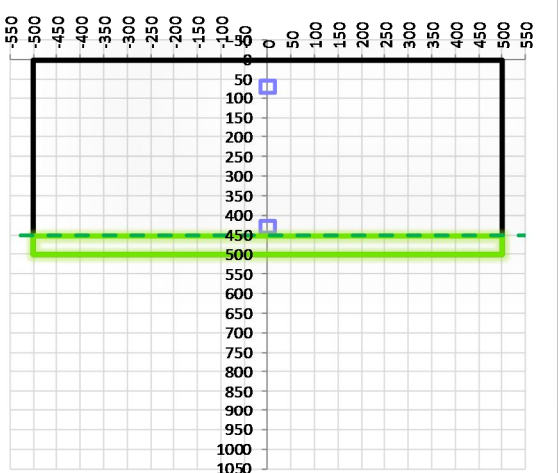
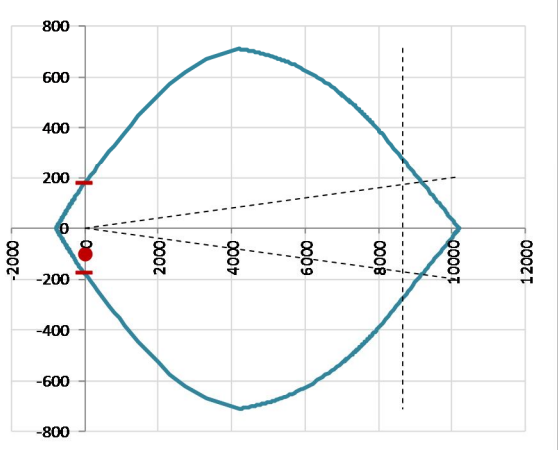
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11.1.2. Soletta inferiore – sezione di mezzeria

11.1.2.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																					
Coefficienti di sicurezza allo SLU																																																					
Calcestruzzo																																																					
α_{cc}		0,85																																																			
γ_c		1,50																																																			
f_{cd}		22,13 N/mm ²																																																			
$f_{ct,eff}$		2,58 N/mm ²	$=f_{ctm} / 1,2$																																																		
Acciaio																																																					
γ_s		1,15																																																			
f_{yd}		391,30 N/mm ²																																																			
E_{yd}		0,196 %																																																			
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																					
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																													
SLU165	21	0,0	-101,3	10193,43	-786,76	178,00	-178,00	57%																																													
Sezione:																																																					
				Fibre compresse		Inferiori																																															
				$\sigma_{c,max}$	18,81	N/mm ²																																															
				$\sigma_{s,min}$	-391,30	N/mm ²																																															
				$\epsilon_{c,max}$	0,35	%																																															
				$\epsilon_{s,min}$	-2,81	%																																															
				d	430,00	mm																																															
				x	47,59	mm																																															
				x/d	0,11																																																
Dominio M-N																																																					
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e1eef6;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td style="background-color: #d9ead3;">SLU165</td> <td style="background-color: #d9ead3;">21</td> <td style="background-color: #d9ead3;">0,0</td> <td style="background-color: #d9ead3;">-101,3</td> </tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> <tr><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td><td style="background-color: #d9ead3;"> </td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU165	21	0,0	-101,3																																				
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																		
SLU165	21	0,0	-101,3																																																		

11.1.2.2. Verifiche allo stato limite di esercizio**SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO****PARAMETRI VERIFICA FESSURAZIONE**

kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)
k ₃ =	3,40	(valore raccomandato)
k ₄ =	0,425	(valore raccomandato)

CRITERI DI VERIFICAFessurazione

Condz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive
	Aggressive	
Armature:	2	1-Sensibili; 2-Poco sensibili
	Poco sensibile	

Tensioni in esercizio

Combinazione	Limite σ_c / f_{ck}	Limite σ_s / f_{yk}	$\sigma_{c,max}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]
Quasi Permanente	0,40	0,75	13,28	337,50
Caratteristica	0,55	0,75	18,26	337,50

SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)Fessurazione

Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	M0 - Mf [kNm]	
Caratteristica	CAR59	20	0,0	-57,6	Msd<Mf	0,200	-117,70	-

Tensioni in esercizio

Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]	
Quasi permanente	QP1	7	0,0	-34,8	-1,68	87,58	-6,90	Sezione parzializzata
Caratteristica	CAR59	20	0,0	-57,7	-2,79	145,26	-11,44	Sezione parzializzata

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11.2. Piedritti

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogeneizzazione:				
n ,breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,02			
n ,lungo termine=	11,46 = E_s/E_{cm}			
n ,verifiche QP	15,0 = E_s/E_{cm}			
n ,verifiche CAR	15,0 = E_s/E_{cm}			
	lungo termine			
	breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	400 mm			
Armature:				
Pos.	n° barre	∅ mm	y_i mm	As mm²
1	5	12	76	565,48668
2	5	16	322	1005,3096
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y_i mm	As mm²
superiore	5	12	64	565,48668
inferiore	5	12	336	565,48668
				

11.2.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b			1000 mm	
Altezza	h			400 mm	
<i>Barre tese</i>		<i>numero barre</i>	<i>diámetro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>	<i>Area barre [mm²]</i>
strato1		5	12	76	565
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s				565 mm ²
Posizione della barra equivalente	c^*				76 mm

SOLLECITAZIONI		
Load Case		SLV35
Frame		30
Azione assiale (+ di compressione)	N_{Ed}	209,79 kN
Taglio	V_{Ed}	258,86 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	324 mm
Coefficiente	k	1,79
Rapporto di armatura longitudinale	ρ_l	0,17%
Tensione assiale media	σ_{cp}	0,52 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,48 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	181,40 kN
Resistenza al taglio senza armatura	V_{rd}	181,40 kN
Verifica		1,43 E' necessario prevedere armatura a taglio

ARMATURA A TAGLIO		
Diametro staffe	ϕ	12 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	α	90 °
Inclinazione del puntone in calcestruzzo	θ	45 °
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	21,80 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v_1	0,5
Resistenza cilindrica di progetto	f_{cd}	18,81333333 N/mm ²
Area armatura a taglio	A_{st}	565,49 mm ²
	σ_{cp}/f_{cd}	0,027877835
Coefficiente di interazione	α_{cw}	1,027877835
Resistenza a taglio per rottura delle armature	V_{rds}	322,62 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V_{rd}	1409,73 kN
Resistenza al taglio	V_{rd}	322,62 kN
Verifica		0,80 Verifica soddisfatta

11.2.1.3. Verifiche allo stato limite di esercizio

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO									
PARAMETRI VERIFICA FESSURAZIONE									
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
k ₃ =	3,40	(valore raccomandato)							
k ₄ =	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)									
<u>Fessurazione</u>									
Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w _d [mm]	w _{lim} [mm]	M0 - Mf [kNm]		
Caratteristica	CAR63	30	0,0	56,0	Msd<Mf	0,200	74,12	-	
<u>Tensioni in esercizio</u>									
Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]		
Quasi permanente	QP2	27	0,0	51,5	-4,11	174,70	-5,82	Sezione parzializzata	
Caratteristica	CAR63	27	0,0	75,8	-6,05	257,33	-8,58	Sezione parzializzata	

11.2.2.2. Verifiche allo stato limite di esercizio**SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO****PARAMETRI VERIFICA FESSURAZIONE**

$k_t =$	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)
$k_1 =$	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)
$k_3 =$	3,40	(valore raccomandato)
$k_4 =$	0,425	(valore raccomandato)

CRITERI DI VERIFICAFessurazione

Condiz. Ambientali:	2 Aggressive	1- Ordinarie; 2- Aggressive; 3- Molto aggressive
Armature:	2 Poco sensibile	1-Sensibili; 2-Poco sensibili

Tensioni in esercizio

Combinazione	Limite σ_c / f_{ck}	Limite σ_s / f_{yk}	$\sigma_{c,max}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]
Quasi Permanente	0,40	0,75	13,28	337,50
Caratteristica	0,55	0,75	18,26	337,50

SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)Fessurazione

Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w_d [mm]	w_{lim} [mm]	MO - Mf [kNm]	
Caratteristica	CAR47	39	0,0	-33,8	Msd<Mf	0,200	-74,12	-

Tensioni in esercizio

Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]	
Quasi permanente	QP1	36	0,0	-26,9	-2,77	156,15	6,03	Sezione parzializzata
Caratteristica	CAR47	39	0,0	-33,8	-3,47	195,62	7,56	Sezione parzializzata

11.2.3.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Classe calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.				
Base	b		1000 mm	
Altezza	h		400 mm	
Barre tese		numero barre	diametro barre [mm]	copriferro in asse barra [mm]
strato1		5	12	76
strato2		0	0	0
strato3		0	0	0
strato4		0	0	0
strato5		0	0	0
Area barre tese	A_s		565 mm ²	
Posizione della barra equivalente	c^*		76 mm	

SOLLECITAZIONI		
Load Case		SLV5
Frame		28
Azione assiale (+ di compressione)	N_{Ed}	kN
Taglio	V_{Ed}	45,3 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	324 mm
Coefficiente	k	1,79
Rapporto di armatura longitudinale	ρ_l	0,17%
Tensione assiale media	σ_{cp}	0,00 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,48 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	155,91 kN
Resistenza al taglio senza armatura	V_{rd}	155,91 kN
Verifica		0,29 Verifica soddisfatta

11.2.3.3. Verifiche allo stato limite di esercizio**SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO****PARAMETRI VERIFICA FESSURAZIONE**

$k_t =$	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)
$k_1 =$	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)
$k_3 =$	3,40	(valore raccomandato)
$k_4 =$	0,425	(valore raccomandato)

CRITERI DI VERIFICAFessurazione

Condiz. Ambientali:	2 Aggressive	1- Ordinarie; 2- Aggressive; 3- Molto aggressive
Armature:	2 Poco sensibile	1-Sensibili; 2-Poco sensibili

Tensioni in esercizio

Combinazione	Limite σ_c / f_{ck}	Limite σ_s / f_{yk}	$\sigma_{c,max}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]
Quasi Permanente	0,40	0,75	13,28	337,50
Caratteristica	0,55	0,75	18,26	337,50

SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)Fessurazione

Combinazione	n. combinazione	frame/nodo	N [kN]	M [kNm]	w_d [mm]	w_{lim} [mm]	MO - Mf [kNm]	
Caratteristica	CAR59	31	0,0	13,9	Msd<Mf	0,200	72,23	-

Tensioni in esercizio

Combinazione	n. combinazione	nodo	N [kN]	M [kNm]	$\sigma_{c,min}$ [N/mm ²]	$\sigma_{s,max}$ [N/mm ²]	$\sigma_{s,min}$ [N/mm ²]	
Quasi permanente					0,00	0,00	0,00	Sezione interamente tesa
Caratteristica	CAR59	31	0,0	15,6	-1,58	90,73	3,13	Sezione parzializzata



11.3. Soletta superiore

11.3.1. Soletta superiore – sezione di incastro

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
Coefficiente di omogenizzazione:				
n, breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,02			
n, lungo termine =	11,46 = E_s/E_{cm}			
n, verifiche QP	15,0 = E_s/E_{cm} lungo termine			
n, verifiche CAR	15,0 = E_s/E_{cm} breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	400 mm			
Armature:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
1	5	16	70	1005,3096
2	5	16	330	1005,3096
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y _i mm	As mm ²
superiore	5	12	56	565,48668
inferiore	5	12	344	565,48668



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11.3.1.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																					
Coefficienti di sicurezza allo SLU																																																					
Calcestruzzo																																																					
α_{cc}	0,85																																																				
γ_c	1,50																																																				
f_{cd}	22,13 N/mm ²																																																				
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Acciaio																																																					
γ_s	1,15																																																				
f_{yd}	391,30 N/mm ²																																																				
E_{yd}	0,196 %																																																				
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																					
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																													
SLV45	61	0,0	-93,0	8312,10	-786,76	138,67	-138,67	67%																																													
Sezione:																																																					
				Fibre compresse $\sigma_{c,max}$ = 18,81 N/mm ² $\sigma_{s,min}$ = -391,30 N/mm ² $\epsilon_{c,max}$ = 0,35 % $\epsilon_{s,min}$ = -2,08 % d = 330,00 mm x = 47,59 mm x/d = 0,14		Inferiori																																															
Dominio M-N																																																					
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SLV45	61	0,0	-93,0																																																		

11.3.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO		
Calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	400 mm			
<i>Barre tese</i>		<i>numero barre</i>	<i>diámetro barre [mm]</i>	<i>copri ferro in asse barra [mm]</i>	<i>Area barre [mm²]</i>
strato1		5	16	70	1005
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	1005 mm ²			
Posizione della barra equivalente	c^*	70 mm			

SOLLECITAZIONI		
Load Case		SLU196
Frame		54
Azione assiale (+ di compressione)	N_{Ed}	kN
Taglio	V_{Ed}	280,84 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	330 mm
Coefficiente	k	1,78
Rapporto di armatura longitudinale	ρ_l	0,30%
Tensione assiale media	σ_{cp}	0,00 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,48 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	157,85 kN
Resistenza al taglio senza armatura	V_{rd}	157,85 kN
Verifica		1,78 E' necessario prevedere armatura a taglio

ARMATURA A TAGLIO		
Diametro staffe	ϕ	12 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	α	90 °
Inclinazione del puntone in calcestruzzo	θ	45 °
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	21,80 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v_1	0,5
Resistenza cilindrica di progetto	f_{cd}	18,81333333 N/mm ²
Area armatura a taglio	A_{st}	565,49 mm ²
	σ_{cp}/f_{cd}	0
Coefficiente di interazione	α_{cw}	1
Resistenza a taglio per rottura delle armature	V_{rds}	328,60 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V_{rd}	1396,89 kN
Resistenza al taglio	V_{rd}	328,60 kN
Verifica		0,85 Verifica soddisfatta

11.3.1.3. Verifiche allo stato limite di esercizio

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO									
PARAMETRI VERIFICA FESSURAZIONE									
$k_t =$	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
$k_1 =$	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)							
$k_3 =$	3,40	(valore raccomandato)							
$k_4 =$	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)									
<u>Fessurazione</u>									
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>MO - Mf</i>		
			[kN]	[kNm]	[mm]	[mm]	[kNm]		
Caratteristica	CAR93	60	0,0	-43,3	Msd<Mf	0,200	-75,45		
<u>Tensioni in esercizio</u>									
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$		
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Quasi permanente	QP3	55	0,0	-42,7	-3,21	141,54	-7,90	Sezione parzializzata	
Caratteristica	CAR125	60	0,0	-61,3	-4,61	203,50	-11,36	Sezione parzializzata	



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11.3.2. Soletta superiore – sezione di mezzeria

11.3.2.1. Verifiche allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																																									
Coefficienti di sicurezza allo SLU																																																																																									
Calcestruzzo																																																																																									
α_{cc}		0,85																																																																																							
γ_c		1,50																																																																																							
f_{cd}		22,13 N/mm ²																																																																																							
$f_{ct,eff}$		2,58 N/mm ²	$=f_{ctm} / 1,2$																																																																																						
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Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																																	
SLU34	53	0,0	77,7	8312,10	-786,76	138,67	-138,67	56%																																																																																	
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Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																																						
SLU34	53	0,0	77,7																																																																																						

11.3.2.2. Verifiche allo stato limite di esercizio

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO								
PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k ₁ =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k ₃ =	3,40	(valore raccomandato)						
k ₄ =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	Aggressive							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	Poco sensibile							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)								
<u>Fessurazione</u>								
Combinazione	n. combinazione	frame/nodo	N	M	w_d	w_{lim}	MO - Mf	
			[kN]	[kNm]	[mm]	[mm]	[kNm]	
Caratteristica	CAR31	53	0,0	51,9	Msd<Mf	0,200	75,45	-
<u>Tensioni in esercizio</u>								
Combinazione	n. combinazione	nodo	N	M	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$	
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]	
Quasi permanente	QP2	53	0,0	38,8	-2,92	128,83	-7,19	Sezione parzializzata
Caratteristica	CAR31	53	0,0	51,9	-3,91	172,30	-9,61	Sezione parzializzata

12. IMBOCCHI

L'analisi dei manufatti di imbocco è stata condotta attraverso la procedura analitica con riferimento ad una porzione di parete di larghezza unitaria.

Cautelativamente si calcolano le sollecitazioni agenti manufatto ad una profondità di 10.05m da piano campagna e si applicano ad una trave di sezione 0.5x1.0m e lunghezza 2.50m incastrata alle estremità.

12.1. Analisi dei carichi

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

Vengono prese in considerazione le condizioni elementari di carico di seguito determinate.

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

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato: $\gamma_{c.a.} = 25 \text{ kN/m}^3$

- rilevato: $\gamma_{ril} = 20 \text{ kN/m}^3$

12.1.1. Peso proprio strutture

- piedritti $S_p \times \gamma_{c.a.} = 0.50 \times 25.00 = \mathbf{12.50 \text{ kN/m}^2}$

- soletta inferiore $S_i \times \gamma_{c.a.} = 0.50 \times 25.00 = \mathbf{12.50 \text{ kN/m}^2}$

12.1.2. Spinta del terreno

Per il reinterro a ridosso dello scatolare si assumono i seguenti parametri:

$$\gamma_t = 20 \text{ kN/m}^3$$

$$\gamma_w = 10 \text{ kN/m}^3$$

$$\phi'_k = 30^\circ$$

$$k_{0,k} = 0.5$$

Pressione in asse soletta inferiore:

$$p_t (h_1 = 10.05\text{m}) = k_{0,M1} \times h_1 \times \gamma_t = 0.5 \times 10.05 \times 20 = \mathbf{100.5 \text{ kN/m}^2}$$

12.1.3. Spinta del sovraccarico sul rilevato

La spinta orizzontale dovuta al sovraccarico accidentale è calcolata come:

$$p_q = k_0 \times q = 0.5 \times 20 = \mathbf{10.0 \text{ kN/m}^2}$$

con q sovraccarico accidentale assunto pari a 20 kN/m².

Il sovraccarico accidentale in condizioni sismiche è assunto nullo.

12.1.4. Azione sismica

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

$$F_h = P \times a_{gh};$$

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

$a_{gh} = 0.277$ g, accelerazione orizzontale.

Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento all'EC8-5, appendice E – “Analisi semplificata per le strutture di contenimento”, punto 9 – “Forze causate dalla spinta del terreno per strutture rigide”, in cui l'incremento di spinta sismica ΔP per la condizione a riposo viene valutato come:

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

La risultante di tale incremento di spinta viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot} :

$$\Delta p_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 10.05 = \mathbf{55.68 \text{ kN/m}^2}$$

L'azione sismica orizzontale dovuta all'inerzia degli elementi strutturali è pari a:

Piedritti: $\Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.50 \times 0.277 = \mathbf{3.46 \text{ kN/m}^2}$

12.2. Combinazione dei carichi

C.C.	STERRE	SOVR. ACC.	INCR. SISMICO	INERZIA ORIZZ.
LOAD	1	2	3	4
1_SLU	1.3	1.5	0	0
2_SLV	1.0	0	1.0	1.0
3_QP	1.0	0	0	0
4_CAR	1.0	1.0	0	0

12.3. Riassunto massime sollecitazioni

$$M_{SLU} = (1.3 \cdot p_t + 1.5 \cdot p_q) \cdot l^2 / 12 = \mathbf{75.86 \text{ kNm}}$$

$$V_{SLU} = (1.3 \cdot p_t + 1.5 \cdot p_q) \cdot l / 2 = \mathbf{182.06 \text{ kN}}$$

$$M_{SLV} = (1.0 \cdot p_t + 1.0 \cdot \Delta p_d + 1.0 \cdot \Delta p_{p,h}) \cdot l^2 / 12 = \mathbf{83.15 \text{ kNm}}$$

$$V_{SLV} = (1.0 \cdot p_t + 1.0 \cdot \Delta p_d + 1.0 \cdot \Delta p_{p,h}) \cdot l / 2 = \mathbf{199.55 \text{ kNm}}$$

$$M_{QP} = (1.0 \cdot p_t) \cdot l^2 / 12 = \mathbf{52.34 \text{ kNm}}$$

$$M_{CAR} = (1.0 \cdot p_t + 1.0 \cdot p_q) \cdot l^2 / 12 = \mathbf{57.55 \text{ kNm}}$$

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12.4. Verifiche di resistenza ultima e di esercizio

12.4.1. Caratteristiche geometriche della sezione

CARATTERISTICHE MATERIALI				
Calcestruzzo:				
Classe	C32/40			
R_{ck}	40,00 N/mm ²			
f_{ck}	33,20 N/mm ²			
f_{cm}	41,20 N/mm ²			
f_{ctm}	3,10 N/mm ²			
$f_{ctk,0.05}$	2,17 N/mm ²			
$f_{ctk,0.95}$	4,03 N/mm ²			
f_{ctm}	3,72 N/mm ²			
E_{cm}	33642,78 N/mm ²			
ϵ_{c2}	0,200 %			
ϵ_{c3}	0,175 %			
ϵ_{c4}	0,070 %			
ϵ_{cu}	0,350 %			
n	2,000			
tipo cemento	N			
				
Acciaio:				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
f_{yk}	450 N/mm ²			
f_{tk}	540 N/mm ²			
E_s	200000 N/mm ²			
ϵ_{su}	7,500 %			
				
Coefficiente di omogeneizzazione:				
n ,breve termine	5,66 = E_s/E_c			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	1,99			
n ,lungo termine=	11,29 = E_s/E_{cm}			
n ,verifiche QP	15,0 = E_s/E_{cm} lungo termine			
n ,verifiche CAR	15,0 = E_s/E_{cm} breve termine			
CARATTERISTICHE SEZIONE				
Sezione:				
B=	1000 mm			
H=	500 mm			
Armature:				
Pos.	n° barre	∅ mm	y_i mm	A_s mm²
1	5	16	82	1005,3096
2	5	16	418	1005,3096
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
Armatura di ripartizione:				
Pos.	n° barre	∅ mm	y_i mm	A_s mm²
superiore	5	16	66	1005,3096
inferiore	5	16	434	1005,3096
				



12.4.2. Verifica allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																																													
Coefficienti di sicurezza allo SLU																																																																													
Calcestruzzo																																																																													
α_{cc}				0,85																																																																									
γ_c				1,50																																																																									
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STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																													
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																					
		0,0	83,2	10193,43	-786,76	179,78	-179,78	46%																																																																					
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				$\sigma_{c,max}$	18,81		N/mm ²																																																																						
				$\sigma_{s,min}$	-391,30		N/mm ²																																																																						
				$\epsilon_{c,max}$	0,35		%																																																																						
				$\epsilon_{s,min}$	-2,48		%																																																																						
				x/d	0,12																																																																								
				$d =$		418,00 mm																																																																							
				$x =$		51,66 mm																																																																							
Dominio M-N																																																																													
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9e1f2;">Combinazione</th> <th style="background-color: #d9e1f2;">fram/nodo</th> <th style="background-color: #d9e1f2;">NSd [kN]</th> <th style="background-color: #d9e1f2;">MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td style="background-color: #d9e1f2;">0,0</td> <td style="background-color: #d9e1f2;">0</td> <td style="background-color: #d9e1f2;">0,0</td> <td style="background-color: #d9e1f2;">83,2</td> </tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> <tr><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td><td style="background-color: #d9e1f2;"></td></tr> </tbody> </table>						Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	0,0	0	0,0	83,2																																																												
				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																																						
0,0	0	0,0	83,2																																																																										

12.4.3. Verifica allo stato limite ultimo per taglio

CALCESTRUZZO		
Classe calcestruzzo		C32/40
Resistenza cubica caratteristica	R_{ck}	40,00 Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ_c	1,50
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	0,85
Coefficiente di sicurezza per l'acciaio	γ_s	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	500 mm			
Barre tese		numero barre	diametro barre [mm]	copriferro in asse barra [mm]	Area barre [mm ²]
strato1		5	16	82	1005
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	1005 mm ²			
Posizione della barra equivalente	c^*	82 mm			

SOLLECITAZIONI		
Load Case		
Frame		
Azione assiale (+ di compressione)	N_{Ed}	125,63 kN
Taglio	V_{Ed}	199,55 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	418 mm
Coefficiente	k	1,69
Rapporto di armatura longitudinale	ρ_l	0,24%
Tensione assiale media	σ_{cp}	0,25 N/mm ²
	$0.2 \times f_{cd}$	3,76 N/mm ²
	v_{min}	0,44 N/mm ²
Resistenza al taglio minima	$V_{rd,min}$	201,24 kN
Resistenza al taglio senza armatura	V_{rd}	201,24 kN
Verifica		0,99 <i>Verifica soddisfatta</i>



12.4.4. Verifiche allo stato limite di esercizio

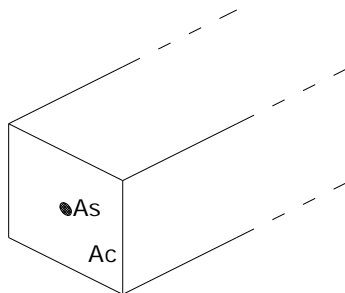
SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO									
PARAMETRI VERIFICA FESSURAZIONE									
$k_t =$	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)							
$k_1 =$	0,80	(0,8 = barre ad aderenza migliorata; 1,6 = barre lisce e trefoli)							
$k_3 =$	3,40	(valore raccomandato)							
$k_4 =$	0,425	(valore raccomandato)							
CRITERI DI VERIFICA									
<u>Fessurazione</u>									
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive							
	Aggressive								
Armature:	2	1-Sensibili; 2-Poco sensibili							
	Poco sensibile								
<u>Tensioni in esercizio</u>									
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$					
Combinazione	σ_c / f_{ck}	σ_s / f_{yk}	[N/mm ²]	[N/mm ²]					
Quasi Permanente	0,40	0,75	13,28	337,50					
Caratteristica	0,55	0,75	18,26	337,50					
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)									
<u>Fessurazione</u>									
Combinazione	<i>n. combinazione</i>	<i>frame/nodo</i>	<i>N</i>	<i>M</i>	<i>w_d</i>	<i>w_{lim}</i>	<i>MO - Mf</i>		
			[kN]	[kNm]	[mm]	[mm]	[kNm]		
Caratteristica			0,0	57,6	Msd < Mf	0,200	116,40	-	
<u>Tensioni in esercizio</u>									
Combinazione	<i>n. combinazione</i>	<i>nodo</i>	<i>N</i>	<i>M</i>	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$		
			[kN]	[kNm]	[N/mm ²]	[N/mm ²]	[N/mm ²]		
Quasi permanente			0,0	52,3	-2,71	135,69	-6,03	Sezione parzializzata	
Caratteristica			0,0	57,6	-2,98	149,20	-6,63	Sezione parzializzata	

13. VERIFICA EFFETTI LONGITUDINALI DA RITIRO

Vengono discussi brevemente gli effetti dovuti al ritiro nel calcestruzzo che provocano stati interni di coazione con l'armatura. Scopo della trattazione è quello di verificare l'armatura minima longitudinale nella soletta superiore dello scatolare.

13.1. Coazioni interne dovute ai fenomeni di ritiro

Per il calcolo delle coazioni interne dovute ai fenomeni di ritiro si consideri una sezione di area unitaria A_c con un'unica barra di armatura di area A_s come rappresentato nell'immagine sottostante:



Si assumono le seguenti ipotesi:

- perfetta aderenza tra calcestruzzo ed acciaio;
- deformata piana della sezione in calcestruzzo;
- comportamento del calcestruzzo e dell'acciaio elastico e lineare.

Le equazioni di equilibrio, congruenza e legame dell'insieme calcestruzzo + acciaio che governano il fenomeno sono:

- $N_c + N_s = 0$ (equazione di equilibrio)
- $\varepsilon_r = \varepsilon_s - \varepsilon_c$ (equazione di congruenza)
- $N_c = A_c \sigma_c = A_c E_c \varepsilon_c$ (equazione legame costitutivo del calcestruzzo)
- $N_s = A_s \sigma_s = A_s E_s \varepsilon_s$ (equazione legame costitutivo dell'acciaio)

Sostituendo le equazioni di legame in quella di equilibrio ed esprimendo la deformazione del calcestruzzo in funzione di quella dell'acciaio si ha:

$$N_s = -N_c = A_s E_s A_c E_c \varepsilon_r / (A_s E_s + A_c E_c)$$

Il comportamento viscoso del calcestruzzo viene considerato attraverso l'abbattimento del modulo elastico, pertanto è necessario sostituire il valore di E_c con E_c^* . La tensione sull'acciaio e sul calcestruzzo risultano quindi pari a:

$$\sigma_s = A_c E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

$$\sigma_c = -A_s E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

13.2. Calcolo delle sollecitazioni longitudinali dovute ai fenomeni di ritiro

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria, assumendo la dimensione convenzionale h_0 pari a $2 \times A/u = 2 \times H = 80$ cm, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

$$B = 100 \text{ cm}$$

$$H = 40 \text{ cm}$$

$$A_{s, \text{long}} = 1 + 1\phi 12/20 = 1131 \text{ mm}^2$$

$$E_s = 210\,000 \text{ N/mm}^2$$

$$E_c = 33\,643 \text{ N/mm}^2$$

Deformazione da ritiro:

$$\text{U.R.} = 75\%$$

$$\epsilon_{ca}(t=\infty) = 2.5 \times (f_{ck} - 10) \times 10^{-6} = 2.5 \times (0.83 \times 40 - 10) \times 10^{-6} = 0.058 \text{ ‰}$$

$$\epsilon_{cd}(t=\infty) = k_h \times \epsilon_{cd,0} = 0.7 \times 0.30 \text{ ‰} = 0.21 \text{ ‰ (per calcestruzzo C32/40 classe N, U.R.=75\%)}$$

$$\epsilon_r = \epsilon_{ca} + \epsilon_{cd} = 0.268 \text{ ‰}$$

A favore di sicurezza, si assume comunque una deformazione $\epsilon_r = 0.400 \text{ ‰}$

Effetto viscosità:

Il modulo viscoso a tempo infinito, in considerazione del valore di h_0 , della resistenza del calcestruzzo e della U.R., può cautelativamente essere assunto pari a $\phi(t=\infty) = 2.5$. Il modulo elastico ridotto del calcestruzzo risulta quindi pari a:

$$E_c^* = E_c / (1 + \phi) = 9612 \text{ N/mm}^2.$$

Tensioni nei materiali:

$$\sigma_s = (1000 \times 400) \times 9612 \times 210000 \times 0.00040 / (1131 \times 210000 + 1000 \times 400 \times 9612) = 79.11 \text{ N/mm}^2$$

$$\sigma_c = -1131 \times 9612 \times 210000 \times 0.00040 / (1131 \times 210000 + 1000 \times 400 \times 9612) = -0.22 \text{ N/mm}^2.$$

La sollecitazione sul calcestruzzo risulta molto inferiore rispetto alla resistenza a trazione e quindi non porta a fessurazione il calcestruzzo; la sollecitazione sull'acciaio risulta modesta ed accettabile per le normali condizioni di esercizio della struttura.

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14. RIFERIMENTI

14.1. Documenti referenziati

Rif. [1] Cepav due, documento n° INOR 11 E E2 RB IN89 00 001, intitolato “RELAZIONE GEOTECNICA IN89 – Sifone pk 149+925,00 – IN15036 – Sifone sotto linea AV/AC”.

14.2. Documenti correlati

Non sono presenti documenti correlati.

14.3. Documenti superati

Non sono presenti documenti superati.

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15. ALLEGATI

All. [1] Documento intitolato "Tabulati di calcolo – Scatolare sotto linea AV/AC"

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ALLEGATO 1

TITOLO	Tabulati di calcolo – Scatolare sotto linea AV/AC
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	195
DATA:	23/11/18
SORGENTE:	Cepav due
NOTE:	

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Table: Connectivity - Frame, Part 1 of 2

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Frame	JointI	JointJ	IsCurved	Length m	CentroidX m	CentroidY m	CentroidZ m
1	1	2	No	0,1	-1,5	0	0
2	2	3	No	0,1	-1,4	0	0
3	3	4	No	0,135	-1,2825	0	0
4	4	5	No	0,135	-1,1475	0	0
5	5	6	No	0,135	-1,0125	0	0
6	6	7	No	0,135	-0,8775	0	0
7	7	8	No	0,135	-0,7425	0	0
8	8	9	No	0,135	-0,6075	0	0
9	9	10	No	0,135	-0,4725	0	0
10	10	11	No	0,135	-0,3375	0	0
11	11	12	No	0,12	-0,21	0	0
12	12	13	No	0,075	-0,1125	0	0
13	13	14	No	0,075	-0,0375	0	0
14	14	15	No	0,075	0,0375	0	0
15	15	16	No	0,075	0,1125	0	0
16	16	17	No	0,12	0,21	0	0
17	17	18	No	0,135	0,3375	0	0
18	18	19	No	0,135	0,4725	0	0
19	19	20	No	0,135	0,6075	0	0
20	20	21	No	0,135	0,7425	0	0
21	21	22	No	0,135	0,8775	0	0
22	22	23	No	0,135	1,0125	0	0
23	23	24	No	0,135	1,1475	0	0
24	24	25	No	0,135	1,2825	0	0
25	25	26	No	0,1	1,4	0	0
26	26	27	No	0,1	1,5	0	0
27	1	28	No	0,125	-1,55	0	0,0625
28	29	14	No	0,125	0	0	0,0625
29	27	30	No	0,125	1,55	0	0,0625
30	28	31	No	0,125	-1,55	0	0,1875
31	32	29	No	0,125	0	0	0,1875
32	30	33	No	0,125	1,55	0	0,1875
33	31	34	No	0,5	-1,55	0	0,5
34	35	32	No	0,5	0	0	0,5
35	33	36	No	0,5	1,55	0	0,5
36	34	37	No	0,5	-1,55	0	1
37	38	35	No	0,5	0	0	1
38	36	39	No	0,5	1,55	0	1
39	37	40	No	0,5	-1,55	0	1,5
40	41	38	No	0,5	0	0	1,5
41	39	42	No	0,5	1,55	0	1,5
42	40	43	No	0,5	-1,55	0	2
43	44	41	No	0,5	0	0	2
44	42	45	No	0,5	1,55	0	2
45	43	46	No	0,1	-1,55	0	2,3
46	47	44	No	0,1	0	0	2,3
47	45	48	No	0,1	1,55	0	2,3
48	46	49	No	0,1	-1,55	0	2,4
49	55	47	No	0,1	0	0	2,4
50	48	61	No	0,1	1,55	0	2,4
51	49	50	No	0,1	-1,5	0	2,45
52	50	51	No	0,1	-1,4	0	2,45
53	51	52	No	0,6	-1,05	0	2,45
54	52	53	No	0,6	-0,45	0	2,45
55	53	54	No	0,075	-0,1125	0	2,45
56	54	55	No	0,075	-0,0375	0	2,45
57	55	56	No	0,075	0,0375	0	2,45
58	56	57	No	0,075	0,1125	0	2,45
59	57	58	No	0,6	0,45	0	2,45
60	58	59	No	0,6	1,05	0	2,45
61	59	60	No	0,1	1,4	0	2,45
62	60	61	No	0,1	1,5	0	2,45

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Table: Connectivity - Frame, Part 2 of 2

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Frame	GUID
1	f0b208f1-17c3-479d-937c-6c0ad7add0dc
2	957c59cd-fcd7-443b-a606-2bd29e1dec89
3	0f299604-b2ee-4180-b606-84e13c273f08
4	488d6e69-8ca5-4b8f-9f2f-2c27b82d6780
5	791dcb17-ca6a-4803-b282-ad3922509fbd
6	6e1447c3-7211-4317-b4dd-d9fe667b6e51
7	d38cb8c4-570a-4c1c-9c33-c541280e6c7c
8	c7b2ff5c-9f3-4d29-abea-fa5939f21955
9	55b96496-072f-4d36-bf7d-5e9124ebdf76
10	e39668ed-d1fa-4bf7-bc68-b23f9e42a51b
11	7f99f245-a27f-4401-b0c0-f60fe5f839af
12	d3b8f193-c548-41a4-8b63-db6cb46083f9
13	286752fc-7d57-4c4a-a016-6c25a2d4d380
14	d34eac52-f911-4483-bab1-fd41232adb52
15	9e8fd109-231f-4699-b6a1-7edce775d061
16	6d94cd6d-ae22-4889-b221-089781c50bbd
17	ee2fd48a-439b-4758-922c-afd65936fd53
18	40c1af95-da03-4708-a6f4-e33a6f312945
19	d196dfce-6169-4581-a1e2-b5d24911c961
20	9f8a6a0e-7556-4d91-a11c-92f241485805
21	fda0e4b2-a0ce-4793-81db-540ed0c22183
22	9935dcfd-20ae-4b0a-9004-fb6bf473d571
23	a7c1e082-bb3a-46c9-bdb9-32c3a23d7e0e
24	472ca09d-a2f8-4eef-a483-d16e8004b253
25	5aee9cc1-cb17-41df-af47-d48a479a6eac
26	ea8317f7-78a4-445d-ba28-46dd120c41f9
27	5fb10896-221e-4d1e-8dff-198c8b2c5641
28	fe204bf6-2d17-45f5-9f65-bb15adc2f9ae
29	c5988f32-6697-4248-b1f1-254f45f28b55
30	6c3139b4-e59d-4d5a-9f3d-8c3336f91c7e
31	74aee4aa-1cd6-4e5f-9ef3-64dc2f9443c8
32	30a2ccc2-0a31-469c-8d8f-141ff623694d
33	e4bc7518-a8f3-41e0-927c-6644dd32e073
34	8163dad2-f21f-47da-b45d-3088cc282b92
35	270b6d86-8437-40b5-81d3-66c1af9385d7
36	fea8d6f7-873f-4d66-9a04-d21d404032b3
37	0ca19eac-cd36-4ace-ae4c-cc0779420046

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Frame	GUID
38	0f618b72-cc20-44b5-8088-d010e4bb135d
39	e8fd39b8-289b-4bdf-a241-5bb26dfa6276
40	6606df97-f159-4b83-91c8-d2502a456409
41	a8d45a47-3ded-4cd5-9468-c03e83199433
42	56a70420-c3a8-43a2-b613-41e8bae86ed9
43	401a0faa-dcfe-4192-ab02-763d1f46feb7
44	868c05fc-6d59-4ae0-8cbd-ae7c53576548
45	c54701fb-d13d-415a-a836-86465256b92c
46	837ff08a-b2a3-4b61-9424-75adf0c2a377
47	0076a026-e5da-408b-a43c-29224903cf8c
48	9414a34f-8de8-425a-bb39-22b106fc0f48
49	220007e6-be00-474f-b5ca-e295564ebbfC
50	d8fb1e6a-62e2-4504-a5d7-1c68a20ccd7e
51	e9aa8534-41ca-4580-a554-0e47e6ec0981
52	4a3e0f0a-8a72-49c3-8ae8-eaf4f3aed973
53	c4964565-5ff9-4032-827a-5cfaa6f15c40
54	23b7ab15-617f-4918-9e9c-417fa07641ec
55	98fad1a7-bd7b-494b-ac2a-9597d2010739
56	4df435de-4da0-4d83-b464-0c1ec62ef6e3
57	924015d6-1d25-4778-b11c-d15afff4eaf5
58	db175f18-cc27-4164-834f-267d3cc11b2f
59	801988f5-dd90-41ff-8b03-225f23fffbab
60	8e1268c2-81ad-4dbf-b224-cd254bc624d6
61	05ecfb56-f6e5-465f-8ald-e74bea63b08a
62	ab18fb25-3fb7-4412-a297-0fc9c74a4e36

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
				KN	KN	KN	KN-m	KN-m
1	0	PP	LinStatic	-2,667	24,911	0	0	0
1	0,1	PP	LinStatic	-2,667	26,161	0	0	0
1	0	REINTSUP	LinStatic	2,755	139,314	0	0	0
1	0,1	REINTSUP	LinStatic	2,755	139,314	0	0	0
1	0	BALLAST	LinStatic	0,178	9,02	0	0	0
1	0,1	BALLAST	LinStatic	0,178	9,02	0	0	0
1	0	STERRASX	LinStatic	-181,725	-9,017	0	0	0
1	0,1	STERRASX	LinStatic	-181,725	-9,017	0	0	0
1	0	STERRADX	LinStatic	39,958	44,206	0	0	0
1	0,1	STERRADX	LinStatic	39,958	44,206	0	0	0
1	0	TERMP	LinStatic	2,999	0,779	0	0	0
1	0,1	TERMP	LinStatic	2,999	0,779	0	0	0
1	0	TERMN	LinStatic	-8,998	-2,336	0	0	0
1	0,1	TERMN	LinStatic	-8,998	-2,336	0	0	0
1	0	GRADTP	LinStatic	-6,958	7,839	0	0	0
1	0,1	GRADTP	LinStatic	-6,958	7,839	0	0	0
1	0	GRADTN	LinStatic	6,958	-7,839	0	0	0
1	0,1	GRADTN	LinStatic	6,958	-7,839	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0	LM71C	LinStatic	0,496	25,056	0	0	0
1	0,1	LM71C	LinStatic	0,496	25,056	0	0	0
1	0	STLM71	LinStatic	-23,156	-1,336	0	0	0
1	0,1	STLM71	LinStatic	-23,156	-1,336	0	0	0
1	0	AVVLM71	LinStatic	-8,446	-7,939	0	0	0
1	0,1	AVVLM71	LinStatic	-8,446	-7,939	0	0	0
1	0	SW2	LinStatic	0,496	25,056	0	0	0
1	0,1	SW2	LinStatic	0,496	25,056	0	0	0
1	0	STSW2	LinStatic	-23,156	-1,336	0	0	0
1	0,1	STSW2	LinStatic	-23,156	-1,336	0	0	0
1	0	FRENSW2	LinStatic	-8,956	-8,418	0	0	0
1	0,1	FRENSW2	LinStatic	-8,956	-8,418	0	0	0
1	0	SERP	LinStatic	0	0	0	0	0
1	0,1	SERP	LinStatic	0	0	0	0	0
1	0	INCRTER	LinStatic	-140,807	-8,123	0	0	0
1	0,1	INCRTER	LinStatic	-140,807	-8,123	0	0	0
1	0	LM71SISO	LinStatic	-1,703	-1,601	0	0	0
1	0,1	LM71SISO	LinStatic	-1,703	-1,601	0	0	0
1	0	SW2SISO	LinStatic	-2,55	-2,397	0	0	0
1	0,1	SW2SISO	LinStatic	-2,55	-2,397	0	0	0
1	0	SISMAO	LinStatic	-8,387	-4,066	0	0	0
1	0,1	SISMAO	LinStatic	-8,387	-4,066	0	0	0
1	0	LM71SVA	LinStatic	-0,01	-0,52	0	0	0
1	0,1	LM71SVA	LinStatic	-0,01	-0,52	0	0	0
1	0	SW2SVA	LinStatic	-0,015	-0,777	0	0	0
1	0,1	SW2SVA	LinStatic	-0,015	-0,777	0	0	0
1	0	SISMAVA	LinStatic	0,067	-26,738	0	0	0
1	0,1	SISMAVA	LinStatic	0,067	-26,738	0	0	0
1	0	LM71SVB	LinStatic	0,01	0,52	0	0	0
1	0,1	LM71SVB	LinStatic	0,01	0,52	0	0	0
1	0	SW2SVB	LinStatic	0,015	0,777	0	0	0
1	0,1	SW2SVB	LinStatic	0,015	0,777	0	0	0
1	0	SISMAVB	LinStatic	-0,067	26,738	0	0	0
1	0,1	SISMAVB	LinStatic	-0,067	26,738	0	0	0
1	0	LM71SX	LinStatic	0,617	27,063	0	0	0
1	0,1	LM71SX	LinStatic	0,617	27,063	0	0	0
1	0	LM71DX	LinStatic	-0,121	-2,007	0	0	0
1	0,1	LM71DX	LinStatic	-0,121	-2,007	0	0	0
2	0	PP	LinStatic	-2,667	21,755	0	0	0
2	0,1	PP	LinStatic	-2,667	23,004	0	0	0
2	0	REINTSUP	LinStatic	2,755	117,165	0	0	0
2	0,1	REINTSUP	LinStatic	2,755	117,165	0	0	0
2	0	BALLAST	LinStatic	0,178	7,586	0	0	0
2	0,1	BALLAST	LinStatic	0,178	7,586	0	0	0
2	0	STERRASX	LinStatic	-173,095	9,558	0	0	0
2	0,1	STERRASX	LinStatic	-173,095	9,558	0	0	0
2	0	STERRADX	LinStatic	31,328	25,64	0	0	0
2	0,1	STERRADX	LinStatic	31,328	25,64	0	0	0
2	0	TERMP	LinStatic	2,999	0,774	0	0	0
2	0,1	TERMP	LinStatic	2,999	0,774	0	0	0
2	0	TERMN	LinStatic	-8,998	-2,323	0	0	0
2	0,1	TERMN	LinStatic	-8,998	-2,323	0	0	0
2	0	GRADTP	LinStatic	-6,958	7,837	0	0	0
2	0,1	GRADTP	LinStatic	-6,958	7,837	0	0	0
2	0	GRADTN	LinStatic	6,958	-7,837	0	0	0
2	0,1	GRADTN	LinStatic	6,958	-7,837	0	0	0
2	0	LM71C	LinStatic	0,496	21,073	0	0	0
2	0,1	LM71C	LinStatic	0,496	21,073	0	0	0
2	0	STLM71	LinStatic	-22,038	1,149	0	0	0
2	0,1	STLM71	LinStatic	-22,038	1,149	0	0	0
2	0	AVVLM71	LinStatic	-7,622	-4,277	0	0	0
2	0,1	AVVLM71	LinStatic	-7,622	-4,277	0	0	0
2	0	SW2	LinStatic	0,496	21,073	0	0	0
2	0,1	SW2	LinStatic	0,496	21,073	0	0	0
2	0	STSW2	LinStatic	-22,038	1,149	0	0	0
2	0,1	STSW2	LinStatic	-22,038	1,149	0	0	0
2	0	FRENSW2	LinStatic	-8,082	-4,535	0	0	0
2	0,1	FRENSW2	LinStatic	-8,082	-4,535	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	0	SERP	LinStatic	0	0	0	0	0
2	0,1	SERP	LinStatic	0	0	0	0	0
2	0	INCRTER	LinStatic	-134,011	6,985	0	0	0
2	0,1	INCRTER	LinStatic	-134,011	6,985	0	0	0
2	0	LM71SISO	LinStatic	-1,537	-0,863	0	0	0
2	0,1	LM71SISO	LinStatic	-1,537	-0,863	0	0	0
2	0	SW2SISO	LinStatic	-2,301	-1,291	0	0	0
2	0,1	SW2SISO	LinStatic	-2,301	-1,291	0	0	0
2	0	SISMAO	LinStatic	-7,675	-1,873	0	0	0
2	0,1	SISMAO	LinStatic	-7,675	-1,873	0	0	0
2	0	LM71SVA	LinStatic	-0,01	-0,437	0	0	0
2	0,1	LM71SVA	LinStatic	-0,01	-0,437	0	0	0
2	0	SW2SVA	LinStatic	-0,015	-0,653	0	0	0
2	0,1	SW2SVA	LinStatic	-0,015	-0,653	0	0	0
2	0	SISMAVA	LinStatic	0,067	-22,684	0	0	0
2	0,1	SISMAVA	LinStatic	0,067	-22,684	0	0	0
2	0	LM71SVB	LinStatic	0,01	0,437	0	0	0
2	0,1	LM71SVB	LinStatic	0,01	0,437	0	0	0
2	0	SW2SVB	LinStatic	0,015	0,653	0	0	0
2	0,1	SW2SVB	LinStatic	0,015	0,653	0	0	0
2	0	SISMAVB	LinStatic	-0,067	22,684	0	0	0
2	0,1	SISMAVB	LinStatic	-0,067	22,684	0	0	0
2	0	LM71SX	LinStatic	0,617	22,274	0	0	0
2	0,1	LM71SX	LinStatic	0,617	22,274	0	0	0
2	0	LM71DX	LinStatic	-0,121	-1,201	0	0	0
2	0,1	LM71DX	LinStatic	-0,121	-1,201	0	0	0
3	0	PP	LinStatic	-2,667	17,829	0	0	0
3	0,135	PP	LinStatic	-2,667	19,516	0	0	0
3	0	REINTSUP	LinStatic	2,755	91,146	0	0	0
3	0,135	REINTSUP	LinStatic	2,755	91,146	0	0	0
3	0	BALLAST	LinStatic	0,178	5,902	0	0	0
3	0,135	BALLAST	LinStatic	0,178	5,902	0	0	0
3	0	STERRASX	LinStatic	-162,955	29,868	0	0	0
3	0,135	STERRASX	LinStatic	-162,955	29,868	0	0	0
3	0	STERRADX	LinStatic	21,189	5,334	0	0	0
3	0,135	STERRADX	LinStatic	21,189	5,334	0	0	0
3	0	TERMP	LinStatic	2,999	0,77	0	0	0
3	0,135	TERMP	LinStatic	2,999	0,77	0	0	0
3	0	TERMN	LinStatic	-8,998	-2,31	0	0	0
3	0,135	TERMN	LinStatic	-8,998	-2,31	0	0	0
3	0	GRADTP	LinStatic	-6,958	7,834	0	0	0
3	0,135	GRADTP	LinStatic	-6,958	7,834	0	0	0
3	0	GRADTN	LinStatic	6,958	-7,834	0	0	0
3	0,135	GRADTN	LinStatic	6,958	-7,834	0	0	0
3	0	LM71C	LinStatic	0,496	16,393	0	0	0
3	0,135	LM71C	LinStatic	0,496	16,393	0	0	0
3	0	STLM71	LinStatic	-20,725	3,865	0	0	0
3	0,135	STLM71	LinStatic	-20,725	3,865	0	0	0
3	0	AVVLM71	LinStatic	-6,654	-0,272	0	0	0
3	0,135	AVVLM71	LinStatic	-6,654	-0,272	0	0	0
3	0	SW2	LinStatic	0,496	16,393	0	0	0
3	0,135	SW2	LinStatic	0,496	16,393	0	0	0
3	0	STSW2	LinStatic	-20,725	3,865	0	0	0
3	0,135	STSW2	LinStatic	-20,725	3,865	0	0	0
3	0	FRENSW2	LinStatic	-7,056	-0,288	0	0	0
3	0,135	FRENSW2	LinStatic	-7,056	-0,288	0	0	0
3	0	SERP	LinStatic	0	0	0	0	0
3	0,135	SERP	LinStatic	0	0	0	0	0
3	0	INCRTER	LinStatic	-126,025	23,505	0	0	0
3	0,135	INCRTER	LinStatic	-126,025	23,505	0	0	0
3	0	LM71SISO	LinStatic	-1,342	-0,055	0	0	0
3	0,135	LM71SISO	LinStatic	-1,342	-0,055	0	0	0
3	0	SW2SISO	LinStatic	-2,009	-0,082	0	0	0
3	0,135	SW2SISO	LinStatic	-2,009	-0,082	0	0	0
3	0	SISMAO	LinStatic	-6,839	0,526	0	0	0
3	0,135	SISMAO	LinStatic	-6,839	0,526	0	0	0
3	0	LM71SVA	LinStatic	-0,01	-0,34	0	0	0
3	0,135	LM71SVA	LinStatic	-0,01	-0,34	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
3	0	SW2SVA	LinStatic	-0,015	-0,508	0	0	0
3	0,135	SW2SVA	LinStatic	-0,015	-0,508	0	0	0
3	0	SISMAVA	LinStatic	0,067	-17,922	0	0	0
3	0,135	SISMAVA	LinStatic	0,067	-17,922	0	0	0
3	0	LM71SVB	LinStatic	0,01	0,34	0	0	0
3	0,135	LM71SVB	LinStatic	0,01	0,34	0	0	0
3	0	SW2SVB	LinStatic	0,015	0,508	0	0	0
3	0,135	SW2SVB	LinStatic	0,015	0,508	0	0	0
3	0	SISMAVB	LinStatic	-0,067	17,922	0	0	0
3	0,135	SISMAVB	LinStatic	-0,067	17,922	0	0	0
3	0	LM71SX	LinStatic	0,617	16,875	0	0	0
3	0,135	LM71SX	LinStatic	0,617	16,875	0	0	0
3	0	LM71DX	LinStatic	-0,121	-0,481	0	0	0
3	0,135	LM71DX	LinStatic	-0,121	-0,481	0	0	0
4	0	PP	LinStatic	-2,667	13,572	0	0	0
4	0,135	PP	LinStatic	-2,667	15,259	0	0	0
4	0	REINTSUP	LinStatic	2,755	61,261	0	0	0
4	0,135	REINTSUP	LinStatic	2,755	61,261	0	0	0
4	0	BALLAST	LinStatic	0,178	3,967	0	0	0
4	0,135	BALLAST	LinStatic	0,178	3,967	0	0	0
4	0	STERRASX	LinStatic	-151,304	50,859	0	0	0
4	0,135	STERRASX	LinStatic	-151,304	50,859	0	0	0
4	0	STERRADX	LinStatic	9,539	-15,654	0	0	0
4	0,135	STERRADX	LinStatic	9,539	-15,654	0	0	0
4	0	TERMP	LinStatic	2,999	0,767	0	0	0
4	0,135	TERMP	LinStatic	2,999	0,767	0	0	0
4	0	TERMN	LinStatic	-8,998	-2,301	0	0	0
4	0,135	TERMN	LinStatic	-8,998	-2,301	0	0	0
4	0	GRADTP	LinStatic	-6,958	7,831	0	0	0
4	0,135	GRADTP	LinStatic	-6,958	7,831	0	0	0
4	0	GRADTN	LinStatic	6,958	-7,831	0	0	0
4	0,135	GRADTN	LinStatic	6,958	-7,831	0	0	0
4	0	LM71C	LinStatic	0,496	11,018	0	0	0
4	0,135	LM71C	LinStatic	0,496	11,018	0	0	0
4	0	STLM71	LinStatic	-19,216	6,673	0	0	0
4	0,135	STLM71	LinStatic	-19,216	6,673	0	0	0
4	0	AVVLM71	LinStatic	-5,541	3,868	0	0	0
4	0,135	AVVLM71	LinStatic	-5,541	3,868	0	0	0
4	0	SW2	LinStatic	0,496	11,018	0	0	0
4	0,135	SW2	LinStatic	0,496	11,018	0	0	0
4	0	STSW2	LinStatic	-19,216	6,673	0	0	0
4	0,135	STSW2	LinStatic	-19,216	6,673	0	0	0
4	0	FRENSW2	LinStatic	-5,876	4,102	0	0	0
4	0,135	FRENSW2	LinStatic	-5,876	4,102	0	0	0
4	0	SERP	LinStatic	0	0	0	0	0
4	0,135	SERP	LinStatic	0	0	0	0	0
4	0	INCRTER	LinStatic	-116,849	40,577	0	0	0
4	0,135	INCRTER	LinStatic	-116,849	40,577	0	0	0
4	0	LM71SISO	LinStatic	-1,118	0,78	0	0	0
4	0,135	LM71SISO	LinStatic	-1,118	0,78	0	0	0
4	0	SW2SISO	LinStatic	-1,673	1,168	0	0	0
4	0,135	SW2SISO	LinStatic	-1,673	1,168	0	0	0
4	0	SISMAO	LinStatic	-5,879	3,006	0	0	0
4	0,135	SISMAO	LinStatic	-5,879	3,006	0	0	0
4	0	LM71SVA	LinStatic	-0,01	-0,229	0	0	0
4	0,135	LM71SVA	LinStatic	-0,01	-0,229	0	0	0
4	0	SW2SVA	LinStatic	-0,015	-0,342	0	0	0
4	0,135	SW2SVA	LinStatic	-0,015	-0,342	0	0	0
4	0	SISMAVA	LinStatic	0,067	-12,452	0	0	0
4	0,135	SISMAVA	LinStatic	0,067	-12,452	0	0	0
4	0	LM71SVB	LinStatic	0,01	0,229	0	0	0
4	0,135	LM71SVB	LinStatic	0,01	0,229	0	0	0
4	0	SW2SVB	LinStatic	0,015	0,342	0	0	0
4	0,135	SW2SVB	LinStatic	0,015	0,342	0	0	0
4	0	SISMAVB	LinStatic	-0,067	12,452	0	0	0
4	0,135	SISMAVB	LinStatic	-0,067	12,452	0	0	0
4	0	LM71SX	LinStatic	0,617	11,024	0	0	0
4	0,135	LM71SX	LinStatic	0,617	11,024	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
4	0	LM71DX	LinStatic	-0,121	-0,005709	0	0	0
4	0,135	LM71DX	LinStatic	-0,121	-0,005709	0	0	0
5	0	PP	LinStatic	-2,667	9,316	0	0	0
5	0,135	PP	LinStatic	-2,667	11,003	0	0	0
5	0	REINTSUP	LinStatic	2,755	31,382	0	0	0
5	0,135	REINTSUP	LinStatic	2,755	31,382	0	0	0
5	0	BALLAST	LinStatic	0,178	2,032	0	0	0
5	0,135	BALLAST	LinStatic	0,178	2,032	0	0	0
5	0	STERRASX	LinStatic	-139,654	69,507	0	0	0
5	0,135	STERRASX	LinStatic	-139,654	69,507	0	0	0
5	0	STERRADX	LinStatic	-2,111	-34,303	0	0	0
5	0,135	STERRADX	LinStatic	-2,111	-34,303	0	0	0
5	0	TERMP	LinStatic	2,999	0,765	0	0	0
5	0,135	TERMP	LinStatic	2,999	0,765	0	0	0
5	0	TERMN	LinStatic	-8,998	-2,295	0	0	0
5	0,135	TERMN	LinStatic	-8,998	-2,295	0	0	0
5	0	GRADTP	LinStatic	-6,958	7,83	0	0	0
5	0,135	GRADTP	LinStatic	-6,958	7,83	0	0	0
5	0	GRADTN	LinStatic	6,958	-7,83	0	0	0
5	0,135	GRADTN	LinStatic	6,958	-7,83	0	0	0
5	0	LM71C	LinStatic	0,496	5,644	0	0	0
5	0,135	LM71C	LinStatic	0,496	5,644	0	0	0
5	0	STLM71	LinStatic	-17,707	9,167	0	0	0
5	0,135	STLM71	LinStatic	-17,707	9,167	0	0	0
5	0	AVVLM71	LinStatic	-4,429	7,547	0	0	0
5	0,135	AVVLM71	LinStatic	-4,429	7,547	0	0	0
5	0	SW2	LinStatic	0,496	5,644	0	0	0
5	0,135	SW2	LinStatic	0,496	5,644	0	0	0
5	0	STSW2	LinStatic	-17,707	9,167	0	0	0
5	0,135	STSW2	LinStatic	-17,707	9,167	0	0	0
5	0	FRENSW2	LinStatic	-4,696	8,002	0	0	0
5	0,135	FRENSW2	LinStatic	-4,696	8,002	0	0	0
5	0	SERP	LinStatic	0	0	0	0	0
5	0,135	SERP	LinStatic	0	0	0	0	0
5	0	INCRTER	LinStatic	-107,674	55,746	0	0	0
5	0,135	INCRTER	LinStatic	-107,674	55,746	0	0	0
5	0	LM71SISO	LinStatic	-0,893	1,522	0	0	0
5	0,135	LM71SISO	LinStatic	-0,893	1,522	0	0	0
5	0	SW2SISO	LinStatic	-1,337	2,279	0	0	0
5	0,135	SW2SISO	LinStatic	-1,337	2,279	0	0	0
5	0	SISMAO	LinStatic	-4,919	5,209	0	0	0
5	0,135	SISMAO	LinStatic	-4,919	5,209	0	0	0
5	0	LM71SVA	LinStatic	-0,01	-0,117	0	0	0
5	0,135	LM71SVA	LinStatic	-0,01	-0,117	0	0	0
5	0	SW2SVA	LinStatic	-0,015	-0,175	0	0	0
5	0,135	SW2SVA	LinStatic	-0,015	-0,175	0	0	0
5	0	SISMAVA	LinStatic	0,067	-6,984	0	0	0
5	0,135	SISMAVA	LinStatic	0,067	-6,984	0	0	0
5	0	LM71SVB	LinStatic	0,01	0,117	0	0	0
5	0,135	LM71SVB	LinStatic	0,01	0,117	0	0	0
5	0	SW2SVB	LinStatic	0,015	0,175	0	0	0
5	0,135	SW2SVB	LinStatic	0,015	0,175	0	0	0
5	0	SISMAVB	LinStatic	-0,067	6,984	0	0	0
5	0,135	SISMAVB	LinStatic	-0,067	6,984	0	0	0
5	0	LM71SX	LinStatic	0,617	5,526	0	0	0
5	0,135	LM71SX	LinStatic	0,617	5,526	0	0	0
5	0	LM71DX	LinStatic	-0,121	0,118	0	0	0
5	0,135	LM71DX	LinStatic	-0,121	0,118	0	0	0
6	0	PP	LinStatic	-2,667	5,062	0	0	0
6	0,135	PP	LinStatic	-2,667	6,749	0	0	0
6	0	REINTSUP	LinStatic	2,755	1,508	0	0	0
6	0,135	REINTSUP	LinStatic	2,755	1,508	0	0	0
6	0	BALLAST	LinStatic	0,178	0,098	0	0	0
6	0,135	BALLAST	LinStatic	0,178	0,098	0	0	0
6	0	STERRASX	LinStatic	-128,004	85,817	0	0	0
6	0,135	STERRASX	LinStatic	-128,004	85,817	0	0	0
6	0	STERRADX	LinStatic	-13,76	-50,615	0	0	0
6	0,135	STERRADX	LinStatic	-13,76	-50,615	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
6	0	TERMP	LinStatic	2,999	0,765	0	0	0
6	0,135	TERMP	LinStatic	2,999	0,765	0	0	0
6	0	TERMN	LinStatic	-8,998	-2,294	0	0	0
6	0,135	TERMN	LinStatic	-8,998	-2,294	0	0	0
6	0	GRADTP	LinStatic	-6,958	7,829	0	0	0
6	0,135	GRADTP	LinStatic	-6,958	7,829	0	0	0
6	0	GRADTN	LinStatic	6,958	-7,829	0	0	0
6	0,135	GRADTN	LinStatic	6,958	-7,829	0	0	0
6	0	LM71C	LinStatic	0,496	0,271	0	0	0
6	0,135	LM71C	LinStatic	0,496	0,271	0	0	0
6	0	STLM71	LinStatic	-16,198	11,349	0	0	0
6	0,135	STLM71	LinStatic	-16,198	11,349	0	0	0
6	0	AVVLM71	LinStatic	-3,317	10,764	0	0	0
6	0,135	AVVLM71	LinStatic	-3,317	10,764	0	0	0
6	0	SW2	LinStatic	0,496	0,271	0	0	0
6	0,135	SW2	LinStatic	0,496	0,271	0	0	0
6	0	STSW2	LinStatic	-16,198	11,349	0	0	0
6	0,135	STSW2	LinStatic	-16,198	11,349	0	0	0
6	0	FRENSW2	LinStatic	-3,517	11,414	0	0	0
6	0,135	FRENSW2	LinStatic	-3,517	11,414	0	0	0
6	0	SERP	LinStatic	0	0	0	0	0
6	0,135	SERP	LinStatic	0	0	0	0	0
6	0	INCRTER	LinStatic	-98,499	69,012	0	0	0
6	0,135	INCRTER	LinStatic	-98,499	69,012	0	0	0
6	0	LM71SISO	LinStatic	-0,669	2,171	0	0	0
6	0,135	LM71SISO	LinStatic	-0,669	2,171	0	0	0
6	0	SW2SISO	LinStatic	-1,001	3,25	0	0	0
6	0,135	SW2SISO	LinStatic	-1,001	3,25	0	0	0
6	0	SISMAO	LinStatic	-3,958	7,136	0	0	0
6	0,135	SISMAO	LinStatic	-3,958	7,136	0	0	0
6	0	LM71SVA	LinStatic	-0,01	-0,005628	0	0	0
6	0,135	LM71SVA	LinStatic	-0,01	-0,005628	0	0	0
6	0	SW2SVA	LinStatic	-0,015	-0,008408	0	0	0
6	0,135	SW2SVA	LinStatic	-0,015	-0,008408	0	0	0
6	0	SISMAVA	LinStatic	0,067	-1,517	0	0	0
6	0,135	SISMAVA	LinStatic	0,067	-1,517	0	0	0
6	0	LM71SVB	LinStatic	0,01	0,005628	0	0	0
6	0,135	LM71SVB	LinStatic	0,01	0,005628	0	0	0
6	0	SW2SVB	LinStatic	0,015	0,008408	0	0	0
6	0,135	SW2SVB	LinStatic	0,015	0,008408	0	0	0
6	0	SISMAVB	LinStatic	-0,067	1,517	0	0	0
6	0,135	SISMAVB	LinStatic	-0,067	1,517	0	0	0
6	0	LM71SX	LinStatic	0,617	0,38	0	0	0
6	0,135	LM71SX	LinStatic	0,617	0,38	0	0	0
6	0	LM71DX	LinStatic	-0,121	-0,109	0	0	0
6	0,135	LM71DX	LinStatic	-0,121	-0,109	0	0	0
7	0	PP	LinStatic	-2,667	0,809	0	0	0
7	0,135	PP	LinStatic	-2,667	2,496	0	0	0
7	0	REINTSUP	LinStatic	2,755	-28,363	0	0	0
7	0,135	REINTSUP	LinStatic	2,755	-28,363	0	0	0
7	0	BALLAST	LinStatic	0,178	-1,836	0	0	0
7	0,135	BALLAST	LinStatic	0,178	-1,836	0	0	0
7	0	STERRASX	LinStatic	-116,354	99,792	0	0	0
7	0,135	STERRASX	LinStatic	-116,354	99,792	0	0	0
7	0	STERRADX	LinStatic	-25,41	-64,594	0	0	0
7	0,135	STERRADX	LinStatic	-25,41	-64,594	0	0	0
7	0	TERMP	LinStatic	2,999	0,765	0	0	0
7	0,135	TERMP	LinStatic	2,999	0,765	0	0	0
7	0	TERMN	LinStatic	-8,997	-2,296	0	0	0
7	0,135	TERMN	LinStatic	-8,997	-2,296	0	0	0
7	0	GRADTP	LinStatic	-6,958	7,828	0	0	0
7	0,135	GRADTP	LinStatic	-6,958	7,828	0	0	0
7	0	GRADTN	LinStatic	6,958	-7,828	0	0	0
7	0,135	GRADTN	LinStatic	6,958	-7,828	0	0	0
7	0	LM71C	LinStatic	0,496	-5,101	0	0	0
7	0,135	LM71C	LinStatic	0,496	-5,101	0	0	0
7	0	STLM71	LinStatic	-14,689	13,218	0	0	0
7	0,135	STLM71	LinStatic	-14,689	13,218	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
7	0	AVVLM71	LinStatic	-2,204	13,522	0	0	0
7	0,135	AVVLM71	LinStatic	-2,204	13,522	0	0	0
7	0	SW2	LinStatic	0,496	-5,101	0	0	0
7	0,135	SW2	LinStatic	0,496	-5,101	0	0	0
7	0	STSW2	LinStatic	-14,689	13,218	0	0	0
7	0,135	STSW2	LinStatic	-14,689	13,218	0	0	0
7	0	FRENSW2	LinStatic	-2,337	14,338	0	0	0
7	0,135	FRENSW2	LinStatic	-2,337	14,338	0	0	0
7	0	SERP	LinStatic	0	0	0	0	0
7	0,135	SERP	LinStatic	0	0	0	0	0
7	0	INCRTER	LinStatic	-89,324	80,379	0	0	0
7	0,135	INCRTER	LinStatic	-89,324	80,379	0	0	0
7	0	LM71SISO	LinStatic	-0,445	2,727	0	0	0
7	0,135	LM71SISO	LinStatic	-0,445	2,727	0	0	0
7	0	SW2SISO	LinStatic	-0,666	4,083	0	0	0
7	0,135	SW2SISO	LinStatic	-0,666	4,083	0	0	0
7	0	SISMAO	LinStatic	-2,998	8,787	0	0	0
7	0,135	SISMAO	LinStatic	-2,998	8,787	0	0	0
7	0	LM71SVA	LinStatic	-0,01	0,106	0	0	0
7	0,135	LM71SVA	LinStatic	-0,01	0,106	0	0	0
7	0	SW2SVA	LinStatic	-0,015	0,158	0	0	0
7	0,135	SW2SVA	LinStatic	-0,015	0,158	0	0	0
7	0	SISMAVA	LinStatic	0,067	3,95	0	0	0
7	0,135	SISMAVA	LinStatic	0,067	3,95	0	0	0
7	0	LM71SVB	LinStatic	0,01	-0,106	0	0	0
7	0,135	LM71SVB	LinStatic	0,01	-0,106	0	0	0
7	0	SW2SVB	LinStatic	0,015	-0,158	0	0	0
7	0,135	SW2SVB	LinStatic	0,015	-0,158	0	0	0
7	0	SISMAVB	LinStatic	-0,067	-3,95	0	0	0
7	0,135	SISMAVB	LinStatic	-0,067	-3,95	0	0	0
7	0	LM71SX	LinStatic	0,617	-4,413	0	0	0
7	0,135	LM71SX	LinStatic	0,617	-4,413	0	0	0
7	0	LM71DX	LinStatic	-0,121	-0,688	0	0	0
7	0,135	LM71DX	LinStatic	-0,121	-0,688	0	0	0
8	0	PP	LinStatic	-2,667	-3,443	0	0	0
8	0,135	PP	LinStatic	-2,667	-1,756	0	0	0
8	0	REINTSUP	LinStatic	2,755	-58,232	0	0	0
8	0,135	REINTSUP	LinStatic	2,755	-58,232	0	0	0
8	0	BALLAST	LinStatic	0,178	-3,77	0	0	0
8	0,135	BALLAST	LinStatic	0,178	-3,77	0	0	0
8	0	STERRASX	LinStatic	-104,703	111,434	0	0	0
8	0,135	STERRASX	LinStatic	-104,703	111,434	0	0	0
8	0	STERRADX	LinStatic	-37,06	-76,24	0	0	0
8	0,135	STERRADX	LinStatic	-37,06	-76,24	0	0	0
8	0	TERMP	LinStatic	2,999	0,767	0	0	0
8	0,135	TERMP	LinStatic	2,999	0,767	0	0	0
8	0	TERMN	LinStatic	-8,997	-2,3	0	0	0
8	0,135	TERMN	LinStatic	-8,997	-2,3	0	0	0
8	0	GRADTP	LinStatic	-6,958	7,829	0	0	0
8	0,135	GRADTP	LinStatic	-6,958	7,829	0	0	0
8	0	GRADTN	LinStatic	6,958	-7,829	0	0	0
8	0,135	GRADTN	LinStatic	6,958	-7,829	0	0	0
8	0	LM71C	LinStatic	0,496	-10,473	0	0	0
8	0,135	LM71C	LinStatic	0,496	-10,473	0	0	0
8	0	STLM71	LinStatic	-13,18	14,775	0	0	0
8	0,135	STLM71	LinStatic	-13,18	14,775	0	0	0
8	0	AVVLM71	LinStatic	-1,092	15,819	0	0	0
8	0,135	AVVLM71	LinStatic	-1,092	15,819	0	0	0
8	0	SW2	LinStatic	0,496	-10,473	0	0	0
8	0,135	SW2	LinStatic	0,496	-10,473	0	0	0
8	0	STSW2	LinStatic	-13,18	14,775	0	0	0
8	0,135	STSW2	LinStatic	-13,18	14,775	0	0	0
8	0	FRENSW2	LinStatic	-1,158	16,774	0	0	0
8	0,135	FRENSW2	LinStatic	-1,158	16,774	0	0	0
8	0	SERP	LinStatic	0	0	0	0	0
8	0,135	SERP	LinStatic	0	0	0	0	0
8	0	INCRTER	LinStatic	-80,149	89,849	0	0	0
8	0,135	INCRTER	LinStatic	-80,149	89,849	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
8	0	LM71SISO	LinStatic	-0,22	3,191	0	0	0
8	0,135	LM71SISO	LinStatic	-0,22	3,191	0	0	0
8	0	SW2SISO	LinStatic	-0,33	4,776	0	0	0
8	0,135	SW2SISO	LinStatic	-0,33	4,776	0	0	0
8	0	SISMAO	LinStatic	-2,037	10,163	0	0	0
8	0,135	SISMAO	LinStatic	-2,037	10,163	0	0	0
8	0	LM71SVA	LinStatic	-0,01	0,217	0	0	0
8	0,135	LM71SVA	LinStatic	-0,01	0,217	0	0	0
8	0	SW2SVA	LinStatic	-0,015	0,325	0	0	0
8	0,135	SW2SVA	LinStatic	-0,015	0,325	0	0	0
8	0	SISMAVA	LinStatic	0,067	9,416	0	0	0
8	0,135	SISMAVA	LinStatic	0,067	9,416	0	0	0
8	0	LM71SVB	LinStatic	0,01	-0,217	0	0	0
8	0,135	LM71SVB	LinStatic	0,01	-0,217	0	0	0
8	0	SW2SVB	LinStatic	0,015	-0,325	0	0	0
8	0,135	SW2SVB	LinStatic	0,015	-0,325	0	0	0
8	0	SISMAVB	LinStatic	-0,067	-9,416	0	0	0
8	0,135	SISMAVB	LinStatic	-0,067	-9,416	0	0	0
8	0	LM71SX	LinStatic	0,617	-8,855	0	0	0
8	0,135	LM71SX	LinStatic	0,617	-8,855	0	0	0
8	0	LM71DX	LinStatic	-0,121	-1,618	0	0	0
8	0,135	LM71DX	LinStatic	-0,121	-1,618	0	0	0
9	0	PP	LinStatic	-2,667	-7,694	0	0	0
9	0,135	PP	LinStatic	-2,667	-6,007	0	0	0
9	0	REINTSUP	LinStatic	2,755	-88,102	0	0	0
9	0,135	REINTSUP	LinStatic	2,755	-88,102	0	0	0
9	0	BALLAST	LinStatic	0,178	-5,704	0	0	0
9	0,135	BALLAST	LinStatic	0,178	-5,704	0	0	0
9	0	STERRASX	LinStatic	-93,053	120,746	0	0	0
9	0,135	STERRASX	LinStatic	-93,053	120,746	0	0	0
9	0	STERRADX	LinStatic	-48,709	-85,555	0	0	0
9	0,135	STERRADX	LinStatic	-48,709	-85,555	0	0	0
9	0	TERMP	LinStatic	2,999	0,769	0	0	0
9	0,135	TERMP	LinStatic	2,999	0,769	0	0	0
9	0	TERMN	LinStatic	-8,997	-2,308	0	0	0
9	0,135	TERMN	LinStatic	-8,997	-2,308	0	0	0
9	0	GRADTP	LinStatic	-6,958	7,831	0	0	0
9	0,135	GRADTP	LinStatic	-6,958	7,831	0	0	0
9	0	GRADTN	LinStatic	6,958	-7,831	0	0	0
9	0,135	GRADTN	LinStatic	6,958	-7,831	0	0	0
9	0	LM71C	LinStatic	0,496	-15,846	0	0	0
9	0,135	LM71C	LinStatic	0,496	-15,846	0	0	0
9	0	STLM71	LinStatic	-11,672	16,021	0	0	0
9	0,135	STLM71	LinStatic	-11,672	16,021	0	0	0
9	0	AVVLM71	LinStatic	0,021	17,656	0	0	0
9	0,135	AVVLM71	LinStatic	0,021	17,656	0	0	0
9	0	SW2	LinStatic	0,496	-15,846	0	0	0
9	0,135	SW2	LinStatic	0,496	-15,846	0	0	0
9	0	STSW2	LinStatic	-11,672	16,021	0	0	0
9	0,135	STSW2	LinStatic	-11,672	16,021	0	0	0
9	0	FRENSW2	LinStatic	0,022	18,723	0	0	0
9	0,135	FRENSW2	LinStatic	0,022	18,723	0	0	0
9	0	SERP	LinStatic	0	0	0	0	0
9	0,135	SERP	LinStatic	0	0	0	0	0
9	0	INCRTER	LinStatic	-70,974	97,423	0	0	0
9	0,135	INCRTER	LinStatic	-70,974	97,423	0	0	0
9	0	LM71SISO	LinStatic	0,004167	3,561	0	0	0
9	0,135	LM71SISO	LinStatic	0,004167	3,561	0	0	0
9	0	SW2SISO	LinStatic	0,006238	5,331	0	0	0
9	0,135	SW2SISO	LinStatic	0,006238	5,331	0	0	0
9	0	SISMAO	LinStatic	-1,077	11,263	0	0	0
9	0,135	SISMAO	LinStatic	-1,077	11,263	0	0	0
9	0	LM71SVA	LinStatic	-0,01	0,329	0	0	0
9	0,135	LM71SVA	LinStatic	-0,01	0,329	0	0	0
9	0	SW2SVA	LinStatic	-0,015	0,491	0	0	0
9	0,135	SW2SVA	LinStatic	-0,015	0,491	0	0	0
9	0	SISMAVA	LinStatic	0,067	14,882	0	0	0
9	0,135	SISMAVA	LinStatic	0,067	14,882	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
9	0	LM71SVB	LinStatic	0,01	-0,329	0	0	0
9	0,135	LM71SVB	LinStatic	0,01	-0,329	0	0	0
9	0	SW2SVB	LinStatic	0,015	-0,491	0	0	0
9	0,135	SW2SVB	LinStatic	0,015	-0,491	0	0	0
9	0	SISMAVB	LinStatic	-0,067	-14,882	0	0	0
9	0,135	SISMAVB	LinStatic	-0,067	-14,882	0	0	0
9	0	LM71SX	LinStatic	0,617	-12,946	0	0	0
9	0,135	LM71SX	LinStatic	0,617	-12,946	0	0	0
9	0	LM71DX	LinStatic	-0,121	-2,9	0	0	0
9	0,135	LM71DX	LinStatic	-0,121	-2,9	0	0	0
10	0	PP	LinStatic	-2,666	-11,945	0	0	0
10	0,135	PP	LinStatic	-2,666	-10,258	0	0	0
10	0	REINTSUP	LinStatic	2,755	-117,974	0	0	0
10	0,135	REINTSUP	LinStatic	2,755	-117,974	0	0	0
10	0	BALLAST	LinStatic	0,178	-7,639	0	0	0
10	0,135	BALLAST	LinStatic	0,178	-7,639	0	0	0
10	0	STERRASX	LinStatic	-81,403	127,729	0	0	0
10	0,135	STERRASX	LinStatic	-81,403	127,729	0	0	0
10	0	STERRADX	LinStatic	-60,359	-92,541	0	0	0
10	0,135	STERRADX	LinStatic	-60,359	-92,541	0	0	0
10	0	TERMP	LinStatic	2,999	0,772	0	0	0
10	0,135	TERMP	LinStatic	2,999	0,772	0	0	0
10	0	TERMN	LinStatic	-8,997	-2,317	0	0	0
10	0,135	TERMN	LinStatic	-8,997	-2,317	0	0	0
10	0	GRADTP	LinStatic	-6,958	7,833	0	0	0
10	0,135	GRADTP	LinStatic	-6,958	7,833	0	0	0
10	0	GRADTN	LinStatic	6,958	-7,833	0	0	0
10	0,135	GRADTN	LinStatic	6,958	-7,833	0	0	0
10	0	LM71C	LinStatic	0,496	-21,218	0	0	0
10	0,135	LM71C	LinStatic	0,496	-21,218	0	0	0
10	0	STLM71	LinStatic	-10,163	16,955	0	0	0
10	0,135	STLM71	LinStatic	-10,163	16,955	0	0	0
10	0	AVVLM71	LinStatic	1,133	19,034	0	0	0
10	0,135	AVVLM71	LinStatic	1,133	19,034	0	0	0
10	0	SW2	LinStatic	0,496	-21,218	0	0	0
10	0,135	SW2	LinStatic	0,496	-21,218	0	0	0
10	0	STSW2	LinStatic	-10,163	16,955	0	0	0
10	0,135	STSW2	LinStatic	-10,163	16,955	0	0	0
10	0	FRENSW2	LinStatic	1,201	20,184	0	0	0
10	0,135	FRENSW2	LinStatic	1,201	20,184	0	0	0
10	0	SERP	LinStatic	0	0	0	0	0
10	0,135	SERP	LinStatic	0	0	0	0	0
10	0	INCRTER	LinStatic	-61,799	103,103	0	0	0
10	0,135	INCRTER	LinStatic	-61,799	103,103	0	0	0
10	0	LM71SISO	LinStatic	0,229	3,839	0	0	0
10	0,135	LM71SISO	LinStatic	0,229	3,839	0	0	0
10	0	SW2SISO	LinStatic	0,342	5,747	0	0	0
10	0,135	SW2SISO	LinStatic	0,342	5,747	0	0	0
10	0	SISMAO	LinStatic	-0,117	12,088	0	0	0
10	0,135	SISMAO	LinStatic	-0,117	12,088	0	0	0
10	0	LM71SVA	LinStatic	-0,01	0,44	0	0	0
10	0,135	LM71SVA	LinStatic	-0,01	0,44	0	0	0
10	0	SW2SVA	LinStatic	-0,015	0,658	0	0	0
10	0,135	SW2SVA	LinStatic	-0,015	0,658	0	0	0
10	0	SISMAVA	LinStatic	0,067	20,348	0	0	0
10	0,135	SISMAVA	LinStatic	0,067	20,348	0	0	0
10	0	LM71SVB	LinStatic	0,01	-0,44	0	0	0
10	0,135	LM71SVB	LinStatic	0,01	-0,44	0	0	0
10	0	SW2SVB	LinStatic	0,015	-0,658	0	0	0
10	0,135	SW2SVB	LinStatic	0,015	-0,658	0	0	0
10	0	SISMAVB	LinStatic	-0,067	-20,348	0	0	0
10	0,135	SISMAVB	LinStatic	-0,067	-20,348	0	0	0
10	0	LM71SX	LinStatic	0,617	-16,686	0	0	0
10	0,135	LM71SX	LinStatic	0,617	-16,686	0	0	0
10	0	LM71DX	LinStatic	-0,121	-4,533	0	0	0
10	0,135	LM71DX	LinStatic	-0,121	-4,533	0	0	0
11	0	PP	LinStatic	-2,666	-16,196	0	0	0
11	0,12	PP	LinStatic	-2,666	-14,696	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
11	0	REINTSUP	LinStatic	2,755	-147,85	0	0	0
11	0,12	REINTSUP	LinStatic	2,755	-147,85	0	0	0
11	0	BALLAST	LinStatic	0,178	-9,573	0	0	0
11	0,12	BALLAST	LinStatic	0,178	-9,573	0	0	0
11	0	STERRASX	LinStatic	-69,754	132,384	0	0	0
11	0,12	STERRASX	LinStatic	-69,754	132,384	0	0	0
11	0	STERRADX	LinStatic	-72,009	-97,198	0	0	0
11	0,12	STERRADX	LinStatic	-72,009	-97,198	0	0	0
11	0	TERMP	LinStatic	2,999	0,776	0	0	0
11	0,12	TERMP	LinStatic	2,999	0,776	0	0	0
11	0	TERMN	LinStatic	-8,997	-2,327	0	0	0
11	0,12	TERMN	LinStatic	-8,997	-2,327	0	0	0
11	0	GRADTP	LinStatic	-6,958	7,835	0	0	0
11	0,12	GRADTP	LinStatic	-6,958	7,835	0	0	0
11	0	GRADTN	LinStatic	6,958	-7,835	0	0	0
11	0,12	GRADTN	LinStatic	6,958	-7,835	0	0	0
11	0	LM71C	LinStatic	0,496	-26,592	0	0	0
11	0,12	LM71C	LinStatic	0,496	-26,592	0	0	0
11	0	STLM71	LinStatic	-8,654	17,578	0	0	0
11	0,12	STLM71	LinStatic	-8,654	17,578	0	0	0
11	0	AVVLM71	LinStatic	2,245	19,953	0	0	0
11	0,12	AVVLM71	LinStatic	2,245	19,953	0	0	0
11	0	SW2	LinStatic	0,496	-26,592	0	0	0
11	0,12	SW2	LinStatic	0,496	-26,592	0	0	0
11	0	STSW2	LinStatic	-8,654	17,578	0	0	0
11	0,12	STSW2	LinStatic	-8,654	17,578	0	0	0
11	0	FRENSW2	LinStatic	2,381	21,158	0	0	0
11	0,12	FRENSW2	LinStatic	2,381	21,158	0	0	0
11	0	SERP	LinStatic	0	0	0	0	0
11	0,12	SERP	LinStatic	0	0	0	0	0
11	0	INCRTER	LinStatic	-52,624	106,889	0	0	0
11	0,12	INCRTER	LinStatic	-52,624	106,889	0	0	0
11	0	LM71SISO	LinStatic	0,453	4,024	0	0	0
11	0,12	LM71SISO	LinStatic	0,453	4,024	0	0	0
11	0	SW2SISO	LinStatic	0,678	6,025	0	0	0
11	0,12	SW2SISO	LinStatic	0,678	6,025	0	0	0
11	0	SISMAO	LinStatic	0,844	12,639	0	0	0
11	0,12	SISMAO	LinStatic	0,844	12,639	0	0	0
11	0	LM71SVA	LinStatic	-0,01	0,552	0	0	0
11	0,12	LM71SVA	LinStatic	-0,01	0,552	0	0	0
11	0	SW2SVA	LinStatic	-0,015	0,824	0	0	0
11	0,12	SW2SVA	LinStatic	-0,015	0,824	0	0	0
11	0	SISMAVA	LinStatic	0,067	25,815	0	0	0
11	0,12	SISMAVA	LinStatic	0,067	25,815	0	0	0
11	0	LM71SVB	LinStatic	0,01	-0,552	0	0	0
11	0,12	LM71SVB	LinStatic	0,01	-0,552	0	0	0
11	0	SW2SVB	LinStatic	0,015	-0,824	0	0	0
11	0,12	SW2SVB	LinStatic	0,015	-0,824	0	0	0
11	0	SISMAVB	LinStatic	-0,067	-25,815	0	0	0
11	0,12	SISMAVB	LinStatic	-0,067	-25,815	0	0	0
11	0	LM71SX	LinStatic	0,617	-20,074	0	0	0
11	0,12	LM71SX	LinStatic	0,617	-20,074	0	0	0
11	0	LM71DX	LinStatic	-0,121	-6,517	0	0	0
11	0,12	LM71DX	LinStatic	-0,121	-6,517	0	0	0
12	0	PP	LinStatic	-2,666	-18,985	0	0	0
12	0,075	PP	LinStatic	-2,666	-18,047	0	0	0
12	0	REINTSUP	LinStatic	2,755	-169,428	0	0	0
12	0,075	REINTSUP	LinStatic	2,755	-169,428	0	0	0
12	0	BALLAST	LinStatic	0,178	-10,97	0	0	0
12	0,075	BALLAST	LinStatic	0,178	-10,97	0	0	0
12	0	STERRASX	LinStatic	-61,34	134,252	0	0	0
12	0,075	STERRASX	LinStatic	-61,34	134,252	0	0	0
12	0	STERRADX	LinStatic	-80,423	-99,067	0	0	0
12	0,075	STERRADX	LinStatic	-80,423	-99,067	0	0	0
12	0	TERMP	LinStatic	2,999	0,778	0	0	0
12	0,075	TERMP	LinStatic	2,999	0,778	0	0	0
12	0	TERMN	LinStatic	-8,997	-2,335	0	0	0
12	0,075	TERMN	LinStatic	-8,997	-2,335	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
12	0	GRADTP	LinStatic	-6,958	7,838	0	0	0
12	0,075	GRADTP	LinStatic	-6,958	7,838	0	0	0
12	0	GRADTN	LinStatic	6,958	-7,838	0	0	0
12	0,075	GRADTN	LinStatic	6,958	-7,838	0	0	0
12	0	LM71C	LinStatic	0,496	-30,473	0	0	0
12	0,075	LM71C	LinStatic	0,496	-30,473	0	0	0
12	0	STLM71	LinStatic	-7,564	17,828	0	0	0
12	0,075	STLM71	LinStatic	-7,564	17,828	0	0	0
12	0	AVVLM71	LinStatic	3,049	20,322	0	0	0
12	0,075	AVVLM71	LinStatic	3,049	20,322	0	0	0
12	0	SW2	LinStatic	0,496	-30,473	0	0	0
12	0,075	SW2	LinStatic	0,496	-30,473	0	0	0
12	0	STSW2	LinStatic	-7,564	17,828	0	0	0
12	0,075	STSW2	LinStatic	-7,564	17,828	0	0	0
12	0	FRENSW2	LinStatic	3,233	21,549	0	0	0
12	0,075	FRENSW2	LinStatic	3,233	21,549	0	0	0
12	0	SERP	LinStatic	0	0	0	0	0
12	0,075	SERP	LinStatic	0	0	0	0	0
12	0	INCRTER	LinStatic	-45,997	108,409	0	0	0
12	0,075	INCRTER	LinStatic	-45,997	108,409	0	0	0
12	0	LM71SISO	LinStatic	0,615	4,099	0	0	0
12	0,075	LM71SISO	LinStatic	0,615	4,099	0	0	0
12	0	SW2SISO	LinStatic	0,921	6,136	0	0	0
12	0,075	SW2SISO	LinStatic	0,921	6,136	0	0	0
12	0	SISMAO	LinStatic	1,537	12,859	0	0	0
12	0,075	SISMAO	LinStatic	1,537	12,859	0	0	0
12	0	LM71SVA	LinStatic	-0,01	0,632	0	0	0
12	0,075	LM71SVA	LinStatic	-0,01	0,632	0	0	0
12	0	SW2SVA	LinStatic	-0,015	0,945	0	0	0
12	0,075	SW2SVA	LinStatic	-0,015	0,945	0	0	0
12	0	SISMAVA	LinStatic	0,067	29,763	0	0	0
12	0,075	SISMAVA	LinStatic	0,067	29,763	0	0	0
12	0	LM71SVB	LinStatic	0,01	-0,632	0	0	0
12	0,075	LM71SVB	LinStatic	0,01	-0,632	0	0	0
12	0	SW2SVB	LinStatic	0,015	-0,945	0	0	0
12	0,075	SW2SVB	LinStatic	0,015	-0,945	0	0	0
12	0	SISMAVB	LinStatic	-0,067	-29,763	0	0	0
12	0,075	SISMAVB	LinStatic	-0,067	-29,763	0	0	0
12	0	LM71SX	LinStatic	0,617	-22,296	0	0	0
12	0,075	LM71SX	LinStatic	0,617	-22,296	0	0	0
12	0	LM71DX	LinStatic	-0,121	-8,176	0	0	0
12	0,075	LM71DX	LinStatic	-0,121	-8,176	0	0	0
13	0	PP	LinStatic	-2,666	-21,346	0	0	0
13	0,075	PP	LinStatic	-2,666	-20,409	0	0	0
13	0	REINTSUP	LinStatic	2,755	-186,029	0	0	0
13	0,075	REINTSUP	LinStatic	2,755	-186,029	0	0	0
13	0	BALLAST	LinStatic	0,178	-12,045	0	0	0
13	0,075	BALLAST	LinStatic	0,178	-12,045	0	0	0
13	0	STERRASX	LinStatic	-54,868	134,971	0	0	0
13	0,075	STERRASX	LinStatic	-54,868	134,971	0	0	0
13	0	STERRADX	LinStatic	-86,895	-99,786	0	0	0
13	0,075	STERRADX	LinStatic	-86,895	-99,786	0	0	0
13	0	TERMP	LinStatic	2,999	0,78	0	0	0
13	0,075	TERMP	LinStatic	2,999	0,78	0	0	0
13	0	TERMN	LinStatic	-8,997	-2,341	0	0	0
13	0,075	TERMN	LinStatic	-8,997	-2,341	0	0	0
13	0	GRADTP	LinStatic	-6,958	7,84	0	0	0
13	0,075	GRADTP	LinStatic	-6,958	7,84	0	0	0
13	0	GRADTN	LinStatic	6,958	-7,84	0	0	0
13	0,075	GRADTN	LinStatic	6,958	-7,84	0	0	0
13	0	LM71C	LinStatic	0,496	-33,458	0	0	0
13	0,075	LM71C	LinStatic	0,496	-33,458	0	0	0
13	0	STLM71	LinStatic	-6,726	17,924	0	0	0
13	0,075	STLM71	LinStatic	-6,726	17,924	0	0	0
13	0	AVVLM71	LinStatic	3,667	20,464	0	0	0
13	0,075	AVVLM71	LinStatic	3,667	20,464	0	0	0
13	0	SW2	LinStatic	0,496	-33,458	0	0	0
13	0,075	SW2	LinStatic	0,496	-33,458	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
13	0	STSW2	LinStatic	-6,726	17,924	0	0	0
13	0,075	STSW2	LinStatic	-6,726	17,924	0	0	0
13	0	FRENSW2	LinStatic	3,888	21,699	0	0	0
13	0,075	FRENSW2	LinStatic	3,888	21,699	0	0	0
13	0	SERP	LinStatic	0	0	0	0	0
13	0,075	SERP	LinStatic	0	0	0	0	0
13	0	INCRTER	LinStatic	-40,9	108,993	0	0	0
13	0,075	INCRTER	LinStatic	-40,9	108,993	0	0	0
13	0	LM71SISO	LinStatic	0,74	4,127	0	0	0
13	0,075	LM71SISO	LinStatic	0,74	4,127	0	0	0
13	0	SW2SISO	LinStatic	1,107	6,179	0	0	0
13	0,075	SW2SISO	LinStatic	1,107	6,179	0	0	0
13	0	SISMAO	LinStatic	2,071	12,944	0	0	0
13	0,075	SISMAO	LinStatic	2,071	12,944	0	0	0
13	0	LM71SVA	LinStatic	-0,01	0,694	0	0	0
13	0,075	LM71SVA	LinStatic	-0,01	0,694	0	0	0
13	0	SW2SVA	LinStatic	-0,015	1,037	0	0	0
13	0,075	SW2SVA	LinStatic	-0,015	1,037	0	0	0
13	0	SISMAVA	LinStatic	0,067	32,801	0	0	0
13	0,075	SISMAVA	LinStatic	0,067	32,801	0	0	0
13	0	LM71SVB	LinStatic	0,01	-0,694	0	0	0
13	0,075	LM71SVB	LinStatic	0,01	-0,694	0	0	0
13	0	SW2SVB	LinStatic	0,015	-1,037	0	0	0
13	0,075	SW2SVB	LinStatic	0,015	-1,037	0	0	0
13	0	SISMAVB	LinStatic	-0,067	-32,801	0	0	0
13	0,075	SISMAVB	LinStatic	-0,067	-32,801	0	0	0
13	0	LM71SX	LinStatic	0,617	-23,898	0	0	0
13	0,075	LM71SX	LinStatic	0,617	-23,898	0	0	0
13	0	LM71DX	LinStatic	-0,121	-9,561	0	0	0
13	0,075	LM71DX	LinStatic	-0,121	-9,561	0	0	0
14	0	PP	LinStatic	-2,666	20,409	0	0	0
14	0,075	PP	LinStatic	-2,666	21,346	0	0	0
14	0	REINTSUP	LinStatic	2,755	186,029	0	0	0
14	0,075	REINTSUP	LinStatic	2,755	186,029	0	0	0
14	0	BALLAST	LinStatic	0,178	12,045	0	0	0
14	0,075	BALLAST	LinStatic	0,178	12,045	0	0	0
14	0	STERRASX	LinStatic	-86,895	99,786	0	0	0
14	0,075	STERRASX	LinStatic	-86,895	99,786	0	0	0
14	0	STERRADX	LinStatic	-54,868	-134,971	0	0	0
14	0,075	STERRADX	LinStatic	-54,868	-134,971	0	0	0
14	0	TERMP	LinStatic	2,999	-0,78	0	0	0
14	0,075	TERMP	LinStatic	2,999	-0,78	0	0	0
14	0	TERMN	LinStatic	-8,997	2,341	0	0	0
14	0,075	TERMN	LinStatic	-8,997	2,341	0	0	0
14	0	GRADTP	LinStatic	-6,958	-7,84	0	0	0
14	0,075	GRADTP	LinStatic	-6,958	-7,84	0	0	0
14	0	GRADTN	LinStatic	6,958	7,84	0	0	0
14	0,075	GRADTN	LinStatic	6,958	7,84	0	0	0
14	0	LM71C	LinStatic	0,496	33,458	0	0	0
14	0,075	LM71C	LinStatic	0,496	33,458	0	0	0
14	0	STLM71	LinStatic	-11,057	13,36	0	0	0
14	0,075	STLM71	LinStatic	-11,057	13,36	0	0	0
14	0	AVVLM71	LinStatic	-3,667	20,464	0	0	0
14	0,075	AVVLM71	LinStatic	-3,667	20,464	0	0	0
14	0	SW2	LinStatic	0,496	33,458	0	0	0
14	0,075	SW2	LinStatic	0,496	33,458	0	0	0
14	0	STSW2	LinStatic	-11,057	13,36	0	0	0
14	0,075	STSW2	LinStatic	-11,057	13,36	0	0	0
14	0	FRENSW2	LinStatic	-3,888	21,699	0	0	0
14	0,075	FRENSW2	LinStatic	-3,888	21,699	0	0	0
14	0	SERP	LinStatic	0	0	0	0	0
14	0,075	SERP	LinStatic	0	0	0	0	0
14	0	INCRTER	LinStatic	-67,234	81,244	0	0	0
14	0,075	INCRTER	LinStatic	-67,234	81,244	0	0	0
14	0	LM71SISO	LinStatic	-0,74	4,127	0	0	0
14	0,075	LM71SISO	LinStatic	-0,74	4,127	0	0	0
14	0	SW2SISO	LinStatic	-1,107	6,179	0	0	0
14	0,075	SW2SISO	LinStatic	-1,107	6,179	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
14	0	SISMAO	LinStatic	-2,071	12,944	0	0	0
14	0,075	SISMAO	LinStatic	-2,071	12,944	0	0	0
14	0	LM71SVA	LinStatic	-0,01	-0,694	0	0	0
14	0,075	LM71SVA	LinStatic	-0,01	-0,694	0	0	0
14	0	SW2SVA	LinStatic	-0,015	-1,037	0	0	0
14	0,075	SW2SVA	LinStatic	-0,015	-1,037	0	0	0
14	0	SISMAVA	LinStatic	0,067	-32,801	0	0	0
14	0,075	SISMAVA	LinStatic	0,067	-32,801	0	0	0
14	0	LM71SVB	LinStatic	0,01	0,694	0	0	0
14	0,075	LM71SVB	LinStatic	0,01	0,694	0	0	0
14	0	SW2SVB	LinStatic	0,015	1,037	0	0	0
14	0,075	SW2SVB	LinStatic	0,015	1,037	0	0	0
14	0	SISMAVB	LinStatic	-0,067	32,801	0	0	0
14	0,075	SISMAVB	LinStatic	-0,067	32,801	0	0	0
14	0	LM71SX	LinStatic	-0,121	9,561	0	0	0
14	0,075	LM71SX	LinStatic	-0,121	9,561	0	0	0
14	0	LM71DX	LinStatic	0,617	23,898	0	0	0
14	0,075	LM71DX	LinStatic	0,617	23,898	0	0	0
15	0	PP	LinStatic	-2,666	18,047	0	0	0
15	0,075	PP	LinStatic	-2,666	18,985	0	0	0
15	0	REINTSUP	LinStatic	2,755	169,428	0	0	0
15	0,075	REINTSUP	LinStatic	2,755	169,428	0	0	0
15	0	BALLAST	LinStatic	0,178	10,97	0	0	0
15	0,075	BALLAST	LinStatic	0,178	10,97	0	0	0
15	0	STERRASX	LinStatic	-80,423	99,067	0	0	0
15	0,075	STERRASX	LinStatic	-80,423	99,067	0	0	0
15	0	STERRADX	LinStatic	-61,34	-134,252	0	0	0
15	0,075	STERRADX	LinStatic	-61,34	-134,252	0	0	0
15	0	TERMP	LinStatic	2,999	-0,778	0	0	0
15	0,075	TERMP	LinStatic	2,999	-0,778	0	0	0
15	0	TERMN	LinStatic	-8,997	2,335	0	0	0
15	0,075	TERMN	LinStatic	-8,997	2,335	0	0	0
15	0	GRADTP	LinStatic	-6,958	-7,838	0	0	0
15	0,075	GRADTP	LinStatic	-6,958	-7,838	0	0	0
15	0	GRADTN	LinStatic	6,958	7,838	0	0	0
15	0,075	GRADTN	LinStatic	6,958	7,838	0	0	0
15	0	LM71C	LinStatic	0,496	30,473	0	0	0
15	0,075	LM71C	LinStatic	0,496	30,473	0	0	0
15	0	STLM71	LinStatic	-10,218	13,264	0	0	0
15	0,075	STLM71	LinStatic	-10,218	13,264	0	0	0
15	0	AVVLM71	LinStatic	-3,049	20,322	0	0	0
15	0,075	AVVLM71	LinStatic	-3,049	20,322	0	0	0
15	0	SW2	LinStatic	0,496	30,473	0	0	0
15	0,075	SW2	LinStatic	0,496	30,473	0	0	0
15	0	STSW2	LinStatic	-10,218	13,264	0	0	0
15	0,075	STSW2	LinStatic	-10,218	13,264	0	0	0
15	0	FRENSW2	LinStatic	-3,233	21,549	0	0	0
15	0,075	FRENSW2	LinStatic	-3,233	21,549	0	0	0
15	0	SERP	LinStatic	0	0	0	0	0
15	0,075	SERP	LinStatic	0	0	0	0	0
15	0	INCRTER	LinStatic	-62,137	80,659	0	0	0
15	0,075	INCRTER	LinStatic	-62,137	80,659	0	0	0
15	0	LM71SISO	LinStatic	-0,615	4,099	0	0	0
15	0,075	LM71SISO	LinStatic	-0,615	4,099	0	0	0
15	0	SW2SISO	LinStatic	-0,921	6,136	0	0	0
15	0,075	SW2SISO	LinStatic	-0,921	6,136	0	0	0
15	0	SISMAO	LinStatic	-1,537	12,859	0	0	0
15	0,075	SISMAO	LinStatic	-1,537	12,859	0	0	0
15	0	LM71SVA	LinStatic	-0,01	-0,632	0	0	0
15	0,075	LM71SVA	LinStatic	-0,01	-0,632	0	0	0
15	0	SW2SVA	LinStatic	-0,015	-0,945	0	0	0
15	0,075	SW2SVA	LinStatic	-0,015	-0,945	0	0	0
15	0	SISMAVA	LinStatic	0,067	-29,763	0	0	0
15	0,075	SISMAVA	LinStatic	0,067	-29,763	0	0	0
15	0	LM71SVB	LinStatic	0,01	0,632	0	0	0
15	0,075	LM71SVB	LinStatic	0,01	0,632	0	0	0
15	0	SW2SVB	LinStatic	0,015	0,945	0	0	0
15	0,075	SW2SVB	LinStatic	0,015	0,945	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
15	0	SISMAVB	LinStatic	-0,067	29,763	0	0	0
15	0,075	SISMAVB	LinStatic	-0,067	29,763	0	0	0
15	0	LM71SX	LinStatic	-0,121	8,176	0	0	0
15	0,075	LM71SX	LinStatic	-0,121	8,176	0	0	0
15	0	LM71DX	LinStatic	0,617	22,296	0	0	0
15	0,075	LM71DX	LinStatic	0,617	22,296	0	0	0
16	0	PP	LinStatic	-2,666	14,696	0	0	0
16	0,12	PP	LinStatic	-2,666	16,196	0	0	0
16	0	REINTSUP	LinStatic	2,755	147,85	0	0	0
16	0,12	REINTSUP	LinStatic	2,755	147,85	0	0	0
16	0	BALLAST	LinStatic	0,178	9,573	0	0	0
16	0,12	BALLAST	LinStatic	0,178	9,573	0	0	0
16	0	STERRASX	LinStatic	-72,009	97,198	0	0	0
16	0,12	STERRASX	LinStatic	-72,009	97,198	0	0	0
16	0	STERRADX	LinStatic	-69,754	-132,384	0	0	0
16	0,12	STERRADX	LinStatic	-69,754	-132,384	0	0	0
16	0	TERMP	LinStatic	2,999	-0,776	0	0	0
16	0,12	TERMP	LinStatic	2,999	-0,776	0	0	0
16	0	TERMN	LinStatic	-8,997	2,327	0	0	0
16	0,12	TERMN	LinStatic	-8,997	2,327	0	0	0
16	0	GRADTP	LinStatic	-6,958	-7,835	0	0	0
16	0,12	GRADTP	LinStatic	-6,958	-7,835	0	0	0
16	0	GRADTN	LinStatic	6,958	7,835	0	0	0
16	0,12	GRADTN	LinStatic	6,958	7,835	0	0	0
16	0	LM71C	LinStatic	0,496	26,592	0	0	0
16	0,12	LM71C	LinStatic	0,496	26,592	0	0	0
16	0	STLM71	LinStatic	-9,129	13,014	0	0	0
16	0,12	STLM71	LinStatic	-9,129	13,014	0	0	0
16	0	AVVLM71	LinStatic	-2,245	19,953	0	0	0
16	0,12	AVVLM71	LinStatic	-2,245	19,953	0	0	0
16	0	SW2	LinStatic	0,496	26,592	0	0	0
16	0,12	SW2	LinStatic	0,496	26,592	0	0	0
16	0	STSW2	LinStatic	-9,129	13,014	0	0	0
16	0,12	STSW2	LinStatic	-9,129	13,014	0	0	0
16	0	FRENSW2	LinStatic	-2,381	21,158	0	0	0
16	0,12	FRENSW2	LinStatic	-2,381	21,158	0	0	0
16	0	SERP	LinStatic	0	0	0	0	0
16	0,12	SERP	LinStatic	0	0	0	0	0
16	0	INCRTER	LinStatic	-55,511	79,139	0	0	0
16	0,12	INCRTER	LinStatic	-55,511	79,139	0	0	0
16	0	LM71SISO	LinStatic	-0,453	4,024	0	0	0
16	0,12	LM71SISO	LinStatic	-0,453	4,024	0	0	0
16	0	SW2SISO	LinStatic	-0,678	6,025	0	0	0
16	0,12	SW2SISO	LinStatic	-0,678	6,025	0	0	0
16	0	SISMAO	LinStatic	-0,844	12,639	0	0	0
16	0,12	SISMAO	LinStatic	-0,844	12,639	0	0	0
16	0	LM71SVA	LinStatic	-0,01	-0,552	0	0	0
16	0,12	LM71SVA	LinStatic	-0,01	-0,552	0	0	0
16	0	SW2SVA	LinStatic	-0,015	-0,824	0	0	0
16	0,12	SW2SVA	LinStatic	-0,015	-0,824	0	0	0
16	0	SISMAVA	LinStatic	0,067	-25,815	0	0	0
16	0,12	SISMAVA	LinStatic	0,067	-25,815	0	0	0
16	0	LM71SVB	LinStatic	0,01	0,552	0	0	0
16	0,12	LM71SVB	LinStatic	0,01	0,552	0	0	0
16	0	SW2SVB	LinStatic	0,015	0,824	0	0	0
16	0,12	SW2SVB	LinStatic	0,015	0,824	0	0	0
16	0	SISMAVB	LinStatic	-0,067	25,815	0	0	0
16	0,12	SISMAVB	LinStatic	-0,067	25,815	0	0	0
16	0	LM71SX	LinStatic	-0,121	6,517	0	0	0
16	0,12	LM71SX	LinStatic	-0,121	6,517	0	0	0
16	0	LM71DX	LinStatic	0,617	20,074	0	0	0
16	0,12	LM71DX	LinStatic	0,617	20,074	0	0	0
17	0	PP	LinStatic	-2,666	10,258	0	0	0
17	0,135	PP	LinStatic	-2,666	11,945	0	0	0
17	0	REINTSUP	LinStatic	2,755	117,974	0	0	0
17	0,135	REINTSUP	LinStatic	2,755	117,974	0	0	0
17	0	BALLAST	LinStatic	0,178	7,639	0	0	0
17	0,135	BALLAST	LinStatic	0,178	7,639	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
17	0	STERRASX	LinStatic	-60,359	92,541	0	0	0
17	0,135	STERRASX	LinStatic	-60,359	92,541	0	0	0
17	0	STERRADX	LinStatic	-81,403	-127,729	0	0	0
17	0,135	STERRADX	LinStatic	-81,403	-127,729	0	0	0
17	0	TERMP	LinStatic	2,999	-0,772	0	0	0
17	0,135	TERMP	LinStatic	2,999	-0,772	0	0	0
17	0	TERMN	LinStatic	-8,997	2,317	0	0	0
17	0,135	TERMN	LinStatic	-8,997	2,317	0	0	0
17	0	GRADTP	LinStatic	-6,958	-7,833	0	0	0
17	0,135	GRADTP	LinStatic	-6,958	-7,833	0	0	0
17	0	GRADTN	LinStatic	6,958	7,833	0	0	0
17	0,135	GRADTN	LinStatic	6,958	7,833	0	0	0
17	0	LM71C	LinStatic	0,496	21,218	0	0	0
17	0,135	LM71C	LinStatic	0,496	21,218	0	0	0
17	0	STLM71	LinStatic	-7,62	12,391	0	0	0
17	0,135	STLM71	LinStatic	-7,62	12,391	0	0	0
17	0	AVVLM71	LinStatic	-1,133	19,034	0	0	0
17	0,135	AVVLM71	LinStatic	-1,133	19,034	0	0	0
17	0	SW2	LinStatic	0,496	21,218	0	0	0
17	0,135	SW2	LinStatic	0,496	21,218	0	0	0
17	0	STSW2	LinStatic	-7,62	12,391	0	0	0
17	0,135	STSW2	LinStatic	-7,62	12,391	0	0	0
17	0	FRENSW2	LinStatic	-1,201	20,184	0	0	0
17	0,135	FRENSW2	LinStatic	-1,201	20,184	0	0	0
17	0	SERP	LinStatic	0	0	0	0	0
17	0,135	SERP	LinStatic	0	0	0	0	0
17	0	INCRTER	LinStatic	-46,336	75,351	0	0	0
17	0,135	INCRTER	LinStatic	-46,336	75,351	0	0	0
17	0	LM71SISO	LinStatic	-0,229	3,839	0	0	0
17	0,135	LM71SISO	LinStatic	-0,229	3,839	0	0	0
17	0	SW2SISO	LinStatic	-0,342	5,747	0	0	0
17	0,135	SW2SISO	LinStatic	-0,342	5,747	0	0	0
17	0	SISMAO	LinStatic	0,117	12,088	0	0	0
17	0,135	SISMAO	LinStatic	0,117	12,088	0	0	0
17	0	LM71SVA	LinStatic	-0,01	-0,44	0	0	0
17	0,135	LM71SVA	LinStatic	-0,01	-0,44	0	0	0
17	0	SW2SVA	LinStatic	-0,015	-0,658	0	0	0
17	0,135	SW2SVA	LinStatic	-0,015	-0,658	0	0	0
17	0	SISMAVA	LinStatic	0,067	-20,348	0	0	0
17	0,135	SISMAVA	LinStatic	0,067	-20,348	0	0	0
17	0	LM71SVB	LinStatic	0,01	0,44	0	0	0
17	0,135	LM71SVB	LinStatic	0,01	0,44	0	0	0
17	0	SW2SVB	LinStatic	0,015	0,658	0	0	0
17	0,135	SW2SVB	LinStatic	0,015	0,658	0	0	0
17	0	SISMAVB	LinStatic	-0,067	20,348	0	0	0
17	0,135	SISMAVB	LinStatic	-0,067	20,348	0	0	0
17	0	LM71SX	LinStatic	-0,121	4,533	0	0	0
17	0,135	LM71SX	LinStatic	-0,121	4,533	0	0	0
17	0	LM71DX	LinStatic	0,617	16,686	0	0	0
17	0,135	LM71DX	LinStatic	0,617	16,686	0	0	0
18	0	PP	LinStatic	-2,667	6,007	0	0	0
18	0,135	PP	LinStatic	-2,667	7,694	0	0	0
18	0	REINTSUP	LinStatic	2,755	88,102	0	0	0
18	0,135	REINTSUP	LinStatic	2,755	88,102	0	0	0
18	0	BALLAST	LinStatic	0,178	5,704	0	0	0
18	0,135	BALLAST	LinStatic	0,178	5,704	0	0	0
18	0	STERRASX	LinStatic	-48,709	85,555	0	0	0
18	0,135	STERRASX	LinStatic	-48,709	85,555	0	0	0
18	0	STERRADX	LinStatic	-93,053	-120,746	0	0	0
18	0,135	STERRADX	LinStatic	-93,053	-120,746	0	0	0
18	0	TERMP	LinStatic	2,999	-0,769	0	0	0
18	0,135	TERMP	LinStatic	2,999	-0,769	0	0	0
18	0	TERMN	LinStatic	-8,997	2,308	0	0	0
18	0,135	TERMN	LinStatic	-8,997	2,308	0	0	0
18	0	GRADTP	LinStatic	-6,958	-7,831	0	0	0
18	0,135	GRADTP	LinStatic	-6,958	-7,831	0	0	0
18	0	GRADTN	LinStatic	6,958	7,831	0	0	0
18	0,135	GRADTN	LinStatic	6,958	7,831	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
18	0	LM71C	LinStatic	0,496	15,846	0	0	0
18	0,135	LM71C	LinStatic	0,496	15,846	0	0	0
18	0	STLM71	LinStatic	-6,111	11,457	0	0	0
18	0,135	STLM71	LinStatic	-6,111	11,457	0	0	0
18	0	AVVLM71	LinStatic	-0,021	17,656	0	0	0
18	0,135	AVVLM71	LinStatic	-0,021	17,656	0	0	0
18	0	SW2	LinStatic	0,496	15,846	0	0	0
18	0,135	SW2	LinStatic	0,496	15,846	0	0	0
18	0	STSW2	LinStatic	-6,111	11,457	0	0	0
18	0,135	STSW2	LinStatic	-6,111	11,457	0	0	0
18	0	FRENSW2	LinStatic	-0,022	18,723	0	0	0
18	0,135	FRENSW2	LinStatic	-0,022	18,723	0	0	0
18	0	SERP	LinStatic	0	0	0	0	0
18	0,135	SERP	LinStatic	0	0	0	0	0
18	0	INCRTER	LinStatic	-37,161	69,669	0	0	0
18	0,135	INCRTER	LinStatic	-37,161	69,669	0	0	0
18	0	LM71SISO	LinStatic	-0,004167	3,561	0	0	0
18	0,135	LM71SISO	LinStatic	-0,004167	3,561	0	0	0
18	0	SW2SISO	LinStatic	-0,006238	5,331	0	0	0
18	0,135	SW2SISO	LinStatic	-0,006238	5,331	0	0	0
18	0	SISMAO	LinStatic	1,077	11,263	0	0	0
18	0,135	SISMAO	LinStatic	1,077	11,263	0	0	0
18	0	LM71SVA	LinStatic	-0,01	-0,329	0	0	0
18	0,135	LM71SVA	LinStatic	-0,01	-0,329	0	0	0
18	0	SW2SVA	LinStatic	-0,015	-0,491	0	0	0
18	0,135	SW2SVA	LinStatic	-0,015	-0,491	0	0	0
18	0	SISMAVA	LinStatic	0,067	-14,882	0	0	0
18	0,135	SISMAVA	LinStatic	0,067	-14,882	0	0	0
18	0	LM71SVB	LinStatic	0,01	0,329	0	0	0
18	0,135	LM71SVB	LinStatic	0,01	0,329	0	0	0
18	0	SW2SVB	LinStatic	0,015	0,491	0	0	0
18	0,135	SW2SVB	LinStatic	0,015	0,491	0	0	0
18	0	SISMAVB	LinStatic	-0,067	14,882	0	0	0
18	0,135	SISMAVB	LinStatic	-0,067	14,882	0	0	0
18	0	LM71SX	LinStatic	-0,121	2,9	0	0	0
18	0,135	LM71SX	LinStatic	-0,121	2,9	0	0	0
18	0	LM71DX	LinStatic	0,617	12,946	0	0	0
18	0,135	LM71DX	LinStatic	0,617	12,946	0	0	0
19	0	PP	LinStatic	-2,667	1,756	0	0	0
19	0,135	PP	LinStatic	-2,667	3,443	0	0	0
19	0	REINTSUP	LinStatic	2,755	58,232	0	0	0
19	0,135	REINTSUP	LinStatic	2,755	58,232	0	0	0
19	0	BALLAST	LinStatic	0,178	3,77	0	0	0
19	0,135	BALLAST	LinStatic	0,178	3,77	0	0	0
19	0	STERRASX	LinStatic	-37,06	76,24	0	0	0
19	0,135	STERRASX	LinStatic	-37,06	76,24	0	0	0
19	0	STERRADX	LinStatic	-104,703	-111,434	0	0	0
19	0,135	STERRADX	LinStatic	-104,703	-111,434	0	0	0
19	0	TERMP	LinStatic	2,999	-0,767	0	0	0
19	0,135	TERMP	LinStatic	2,999	-0,767	0	0	0
19	0	TERMN	LinStatic	-8,997	2,3	0	0	0
19	0,135	TERMN	LinStatic	-8,997	2,3	0	0	0
19	0	GRADTP	LinStatic	-6,958	-7,829	0	0	0
19	0,135	GRADTP	LinStatic	-6,958	-7,829	0	0	0
19	0	GRADTN	LinStatic	6,958	7,829	0	0	0
19	0,135	GRADTN	LinStatic	6,958	7,829	0	0	0
19	0	LM71C	LinStatic	0,496	10,473	0	0	0
19	0,135	LM71C	LinStatic	0,496	10,473	0	0	0
19	0	STLM71	LinStatic	-4,602	10,211	0	0	0
19	0,135	STLM71	LinStatic	-4,602	10,211	0	0	0
19	0	AVVLM71	LinStatic	1,092	15,819	0	0	0
19	0,135	AVVLM71	LinStatic	1,092	15,819	0	0	0
19	0	SW2	LinStatic	0,496	10,473	0	0	0
19	0,135	SW2	LinStatic	0,496	10,473	0	0	0
19	0	STSW2	LinStatic	-4,602	10,211	0	0	0
19	0,135	STSW2	LinStatic	-4,602	10,211	0	0	0
19	0	FRENSW2	LinStatic	1,158	16,774	0	0	0
19	0,135	FRENSW2	LinStatic	1,158	16,774	0	0	0

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19	0	SERP	LinStatic	0	0	0	0	0
19	0,135	SERP	LinStatic	0	0	0	0	0
19	0	INCRTER	LinStatic	-27,986	62,092	0	0	0
19	0,135	INCRTER	LinStatic	-27,986	62,092	0	0	0
19	0	LM71SISO	LinStatic	0,22	3,191	0	0	0
19	0,135	LM71SISO	LinStatic	0,22	3,191	0	0	0
19	0	SW2SISO	LinStatic	0,33	4,776	0	0	0
19	0,135	SW2SISO	LinStatic	0,33	4,776	0	0	0
19	0	SISMAO	LinStatic	2,037	10,163	0	0	0
19	0,135	SISMAO	LinStatic	2,037	10,163	0	0	0
19	0	LM71SVA	LinStatic	-0,01	-0,217	0	0	0
19	0,135	LM71SVA	LinStatic	-0,01	-0,217	0	0	0
19	0	SW2SVA	LinStatic	-0,015	-0,325	0	0	0
19	0,135	SW2SVA	LinStatic	-0,015	-0,325	0	0	0
19	0	SISMAVA	LinStatic	0,067	-9,416	0	0	0
19	0,135	SISMAVA	LinStatic	0,067	-9,416	0	0	0
19	0	LM71SVB	LinStatic	0,01	0,217	0	0	0
19	0,135	LM71SVB	LinStatic	0,01	0,217	0	0	0
19	0	SW2SVB	LinStatic	0,015	0,325	0	0	0
19	0,135	SW2SVB	LinStatic	0,015	0,325	0	0	0
19	0	SISMAVB	LinStatic	-0,067	9,416	0	0	0
19	0,135	SISMAVB	LinStatic	-0,067	9,416	0	0	0
19	0	LM71SX	LinStatic	-0,121	1,618	0	0	0
19	0,135	LM71SX	LinStatic	-0,121	1,618	0	0	0
19	0	LM71DX	LinStatic	0,617	8,855	0	0	0
19	0,135	LM71DX	LinStatic	0,617	8,855	0	0	0
20	0	PP	LinStatic	-2,667	-2,496	0	0	0
20	0,135	PP	LinStatic	-2,667	-2,496	0	0	0
20	0	REINTSUP	LinStatic	2,755	28,363	0	0	0
20	0,135	REINTSUP	LinStatic	2,755	28,363	0	0	0
20	0	BALLAST	LinStatic	0,178	1,836	0	0	0
20	0,135	BALLAST	LinStatic	0,178	1,836	0	0	0
20	0	STERRASX	LinStatic	-25,41	64,594	0	0	0
20	0,135	STERRASX	LinStatic	-25,41	64,594	0	0	0
20	0	STERRADX	LinStatic	-116,354	-99,792	0	0	0
20	0,135	STERRADX	LinStatic	-116,354	-99,792	0	0	0
20	0	TERMP	LinStatic	2,999	-0,765	0	0	0
20	0,135	TERMP	LinStatic	2,999	-0,765	0	0	0
20	0	TERMN	LinStatic	-8,997	2,296	0	0	0
20	0,135	TERMN	LinStatic	-8,997	2,296	0	0	0
20	0	GRADTP	LinStatic	-6,958	-7,828	0	0	0
20	0,135	GRADTP	LinStatic	-6,958	-7,828	0	0	0
20	0	GRADTN	LinStatic	6,958	7,828	0	0	0
20	0,135	GRADTN	LinStatic	6,958	7,828	0	0	0
20	0	LM71C	LinStatic	0,496	5,101	0	0	0
20	0,135	LM71C	LinStatic	0,496	5,101	0	0	0
20	0	STLM71	LinStatic	-3,094	8,653	0	0	0
20	0,135	STLM71	LinStatic	-3,094	8,653	0	0	0
20	0	AVVLM71	LinStatic	2,204	13,522	0	0	0
20	0,135	AVVLM71	LinStatic	2,204	13,522	0	0	0
20	0	SW2	LinStatic	0,496	5,101	0	0	0
20	0,135	SW2	LinStatic	0,496	5,101	0	0	0
20	0	STSW2	LinStatic	-3,094	8,653	0	0	0
20	0,135	STSW2	LinStatic	-3,094	8,653	0	0	0
20	0	FRENSW2	LinStatic	2,337	14,338	0	0	0
20	0,135	FRENSW2	LinStatic	2,337	14,338	0	0	0
20	0	SERP	LinStatic	0	0	0	0	0
20	0,135	SERP	LinStatic	0	0	0	0	0
20	0	INCRTER	LinStatic	-18,811	52,619	0	0	0
20	0,135	INCRTER	LinStatic	-18,811	52,619	0	0	0
20	0	LM71SISO	LinStatic	0,445	2,727	0	0	0
20	0,135	LM71SISO	LinStatic	0,445	2,727	0	0	0
20	0	SW2SISO	LinStatic	0,666	4,083	0	0	0
20	0,135	SW2SISO	LinStatic	0,666	4,083	0	0	0
20	0	SISMAO	LinStatic	2,998	8,787	0	0	0
20	0,135	SISMAO	LinStatic	2,998	8,787	0	0	0
20	0	LM71SVA	LinStatic	-0,01	-0,106	0	0	0
20	0,135	LM71SVA	LinStatic	-0,01	-0,106	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
20	0	SW2SVA	LinStatic	-0,015	-0,158	0	0	0
20	0,135	SW2SVA	LinStatic	-0,015	-0,158	0	0	0
20	0	SISMAVA	LinStatic	0,067	-3,95	0	0	0
20	0,135	SISMAVA	LinStatic	0,067	-3,95	0	0	0
20	0	LM71SVB	LinStatic	0,01	0,106	0	0	0
20	0,135	LM71SVB	LinStatic	0,01	0,106	0	0	0
20	0	SW2SVB	LinStatic	0,015	0,158	0	0	0
20	0,135	SW2SVB	LinStatic	0,015	0,158	0	0	0
20	0	SISMAVB	LinStatic	-0,067	3,95	0	0	0
20	0,135	SISMAVB	LinStatic	-0,067	3,95	0	0	0
20	0	LM71SX	LinStatic	-0,121	0,688	0	0	0
20	0,135	LM71SX	LinStatic	-0,121	0,688	0	0	0
20	0	LM71DX	LinStatic	0,617	4,413	0	0	0
20	0,135	LM71DX	LinStatic	0,617	4,413	0	0	0
21	0	PP	LinStatic	-2,667	-6,749	0	0	0
21	0,135	PP	LinStatic	-2,667	-5,062	0	0	0
21	0	REINTSUP	LinStatic	2,755	-1,508	0	0	0
21	0,135	REINTSUP	LinStatic	2,755	-1,508	0	0	0
21	0	BALLAST	LinStatic	0,178	-0,098	0	0	0
21	0,135	BALLAST	LinStatic	0,178	-0,098	0	0	0
21	0	STERRASX	LinStatic	-13,76	50,615	0	0	0
21	0,135	STERRASX	LinStatic	-13,76	50,615	0	0	0
21	0	STERRADX	LinStatic	-128,004	-85,817	0	0	0
21	0,135	STERRADX	LinStatic	-128,004	-85,817	0	0	0
21	0	TERMP	LinStatic	2,999	-0,765	0	0	0
21	0,135	TERMP	LinStatic	2,999	-0,765	0	0	0
21	0	TERMN	LinStatic	-8,998	2,294	0	0	0
21	0,135	TERMN	LinStatic	-8,998	2,294	0	0	0
21	0	GRADTP	LinStatic	-6,958	-7,829	0	0	0
21	0,135	GRADTP	LinStatic	-6,958	-7,829	0	0	0
21	0	GRADTN	LinStatic	6,958	7,829	0	0	0
21	0,135	GRADTN	LinStatic	6,958	7,829	0	0	0
21	0	LM71C	LinStatic	0,496	-0,271	0	0	0
21	0,135	LM71C	LinStatic	0,496	-0,271	0	0	0
21	0	STLM71	LinStatic	-1,585	6,783	0	0	0
21	0,135	STLM71	LinStatic	-1,585	6,783	0	0	0
21	0	AVVLM71	LinStatic	3,317	10,764	0	0	0
21	0,135	AVVLM71	LinStatic	3,317	10,764	0	0	0
21	0	SW2	LinStatic	0,496	-0,271	0	0	0
21	0,135	SW2	LinStatic	0,496	-0,271	0	0	0
21	0	STSW2	LinStatic	-1,585	6,783	0	0	0
21	0,135	STSW2	LinStatic	-1,585	6,783	0	0	0
21	0	FRENSW2	LinStatic	3,517	11,414	0	0	0
21	0,135	FRENSW2	LinStatic	3,517	11,414	0	0	0
21	0	SERP	LinStatic	0	0	0	0	0
21	0,135	SERP	LinStatic	0	0	0	0	0
21	0	INCRTER	LinStatic	-9,637	41,25	0	0	0
21	0,135	INCRTER	LinStatic	-9,637	41,25	0	0	0
21	0	LM71SISO	LinStatic	0,669	2,171	0	0	0
21	0,135	LM71SISO	LinStatic	0,669	2,171	0	0	0
21	0	SW2SISO	LinStatic	1,001	3,25	0	0	0
21	0,135	SW2SISO	LinStatic	1,001	3,25	0	0	0
21	0	SISMAO	LinStatic	3,958	7,136	0	0	0
21	0,135	SISMAO	LinStatic	3,958	7,136	0	0	0
21	0	LM71SVA	LinStatic	-0,01	0,005628	0	0	0
21	0,135	LM71SVA	LinStatic	-0,01	0,005628	0	0	0
21	0	SW2SVA	LinStatic	-0,015	0,008408	0	0	0
21	0,135	SW2SVA	LinStatic	-0,015	0,008408	0	0	0
21	0	SISMAVA	LinStatic	0,067	1,517	0	0	0
21	0,135	SISMAVA	LinStatic	0,067	1,517	0	0	0
21	0	LM71SVB	LinStatic	0,01	-0,005628	0	0	0
21	0,135	LM71SVB	LinStatic	0,01	-0,005628	0	0	0
21	0	SW2SVB	LinStatic	0,015	-0,008408	0	0	0
21	0,135	SW2SVB	LinStatic	0,015	-0,008408	0	0	0
21	0	SISMAVB	LinStatic	-0,067	-1,517	0	0	0
21	0,135	SISMAVB	LinStatic	-0,067	-1,517	0	0	0
21	0	LM71SX	LinStatic	-0,121	0,109	0	0	0
21	0,135	LM71SX	LinStatic	-0,121	0,109	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
21	0	LM71DX	LinStatic	0,617	-0,38	0	0	0
21	0,135	LM71DX	LinStatic	0,617	-0,38	0	0	0
22	0	PP	LinStatic	-2,667	-11,003	0	0	0
22	0,135	PP	LinStatic	-2,667	-9,316	0	0	0
22	0	REINTSUP	LinStatic	2,755	-31,382	0	0	0
22	0,135	REINTSUP	LinStatic	2,755	-31,382	0	0	0
22	0	BALLAST	LinStatic	0,178	-2,032	0	0	0
22	0,135	BALLAST	LinStatic	0,178	-2,032	0	0	0
22	0	STERRASX	LinStatic	-2,111	34,303	0	0	0
22	0,135	STERRASX	LinStatic	-2,111	34,303	0	0	0
22	0	STERRADX	LinStatic	-139,654	-69,507	0	0	0
22	0,135	STERRADX	LinStatic	-139,654	-69,507	0	0	0
22	0	TERMP	LinStatic	2,999	-0,765	0	0	0
22	0,135	TERMP	LinStatic	2,999	-0,765	0	0	0
22	0	TERMN	LinStatic	-8,998	2,295	0	0	0
22	0,135	TERMN	LinStatic	-8,998	2,295	0	0	0
22	0	GRADTF	LinStatic	-6,958	-7,83	0	0	0
22	0,135	GRADTF	LinStatic	-6,958	-7,83	0	0	0
22	0	GRADTN	LinStatic	6,958	7,83	0	0	0
22	0,135	GRADTN	LinStatic	6,958	7,83	0	0	0
22	0	LM71C	LinStatic	0,496	-5,644	0	0	0
22	0,135	LM71C	LinStatic	0,496	-5,644	0	0	0
22	0	STLM71	LinStatic	-0,076	4,601	0	0	0
22	0,135	STLM71	LinStatic	-0,076	4,601	0	0	0
22	0	AVVLM71	LinStatic	4,429	7,547	0	0	0
22	0,135	AVVLM71	LinStatic	4,429	7,547	0	0	0
22	0	SW2	LinStatic	0,496	-5,644	0	0	0
22	0,135	SW2	LinStatic	0,496	-5,644	0	0	0
22	0	STSW2	LinStatic	-0,076	4,601	0	0	0
22	0,135	STSW2	LinStatic	-0,076	4,601	0	0	0
22	0	FRENSW2	LinStatic	4,696	8,002	0	0	0
22	0,135	FRENSW2	LinStatic	4,696	8,002	0	0	0
22	0	SERP	LinStatic	0	0	0	0	0
22	0,135	SERP	LinStatic	0	0	0	0	0
22	0	INCRTER	LinStatic	-0,462	27,981	0	0	0
22	0,135	INCRTER	LinStatic	-0,462	27,981	0	0	0
22	0	LM71SISO	LinStatic	0,893	1,522	0	0	0
22	0,135	LM71SISO	LinStatic	0,893	1,522	0	0	0
22	0	SW2SISO	LinStatic	1,337	2,279	0	0	0
22	0,135	SW2SISO	LinStatic	1,337	2,279	0	0	0
22	0	SISMAO	LinStatic	4,919	5,209	0	0	0
22	0,135	SISMAO	LinStatic	4,919	5,209	0	0	0
22	0	LM71SVA	LinStatic	-0,01	0,117	0	0	0
22	0,135	LM71SVA	LinStatic	-0,01	0,117	0	0	0
22	0	SW2SVA	LinStatic	-0,015	0,175	0	0	0
22	0,135	SW2SVA	LinStatic	-0,015	0,175	0	0	0
22	0	SISMAVA	LinStatic	0,067	6,984	0	0	0
22	0,135	SISMAVA	LinStatic	0,067	6,984	0	0	0
22	0	LM71SVB	LinStatic	0,01	-0,117	0	0	0
22	0,135	LM71SVB	LinStatic	0,01	-0,117	0	0	0
22	0	SW2SVB	LinStatic	0,015	-0,175	0	0	0
22	0,135	SW2SVB	LinStatic	0,015	-0,175	0	0	0
22	0	SISMAVB	LinStatic	-0,067	-6,984	0	0	0
22	0,135	SISMAVB	LinStatic	-0,067	-6,984	0	0	0
22	0	LM71SX	LinStatic	-0,121	-0,118	0	0	0
22	0,135	LM71SX	LinStatic	-0,121	-0,118	0	0	0
22	0	LM71DX	LinStatic	0,617	-5,526	0	0	0
22	0,135	LM71DX	LinStatic	0,617	-5,526	0	0	0
23	0	PP	LinStatic	-2,667	-15,259	0	0	0
23	0,135	PP	LinStatic	-2,667	-13,572	0	0	0
23	0	REINTSUP	LinStatic	2,755	-61,261	0	0	0
23	0,135	REINTSUP	LinStatic	2,755	-61,261	0	0	0
23	0	BALLAST	LinStatic	0,178	-3,967	0	0	0
23	0,135	BALLAST	LinStatic	0,178	-3,967	0	0	0
23	0	STERRASX	LinStatic	9,539	15,654	0	0	0
23	0,135	STERRASX	LinStatic	9,539	15,654	0	0	0
23	0	STERRADX	LinStatic	-151,304	-50,859	0	0	0
23	0,135	STERRADX	LinStatic	-151,304	-50,859	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
23	0	TERMP	LinStatic	2,999	-0,767	0	0	0
23	0,135	TERMP	LinStatic	2,999	-0,767	0	0	0
23	0	TERMN	LinStatic	-8,998	2,301	0	0	0
23	0,135	TERMN	LinStatic	-8,998	2,301	0	0	0
23	0	GRADTP	LinStatic	-6,958	-7,831	0	0	0
23	0,135	GRADTP	LinStatic	-6,958	-7,831	0	0	0
23	0	GRADTN	LinStatic	6,958	7,831	0	0	0
23	0,135	GRADTN	LinStatic	6,958	7,831	0	0	0
23	0	LM71C	LinStatic	0,496	-11,018	0	0	0
23	0,135	LM71C	LinStatic	0,496	-11,018	0	0	0
23	0	STLM71	LinStatic	1,433	2,107	0	0	0
23	0,135	STLM71	LinStatic	1,433	2,107	0	0	0
23	0	AVVLM71	LinStatic	5,541	3,868	0	0	0
23	0,135	AVVLM71	LinStatic	5,541	3,868	0	0	0
23	0	SW2	LinStatic	0,496	-11,018	0	0	0
23	0,135	SW2	LinStatic	0,496	-11,018	0	0	0
23	0	STSW2	LinStatic	1,433	2,107	0	0	0
23	0,135	STSW2	LinStatic	1,433	2,107	0	0	0
23	0	FRENSW2	LinStatic	5,876	4,102	0	0	0
23	0,135	FRENSW2	LinStatic	5,876	4,102	0	0	0
23	0	SERP	LinStatic	0	0	0	0	0
23	0,135	SERP	LinStatic	0	0	0	0	0
23	0	INCRTER	LinStatic	8,713	12,813	0	0	0
23	0,135	INCRTER	LinStatic	8,713	12,813	0	0	0
23	0	LM71SISO	LinStatic	1,118	0,78	0	0	0
23	0,135	LM71SISO	LinStatic	1,118	0,78	0	0	0
23	0	SW2SISO	LinStatic	1,673	1,168	0	0	0
23	0,135	SW2SISO	LinStatic	1,673	1,168	0	0	0
23	0	SISMAO	LinStatic	5,879	3,006	0	0	0
23	0,135	SISMAO	LinStatic	5,879	3,006	0	0	0
23	0	LM71SVA	LinStatic	-0,01	0,229	0	0	0
23	0,135	LM71SVA	LinStatic	-0,01	0,229	0	0	0
23	0	SW2SVA	LinStatic	-0,015	0,342	0	0	0
23	0,135	SW2SVA	LinStatic	-0,015	0,342	0	0	0
23	0	SISMAVA	LinStatic	0,067	12,452	0	0	0
23	0,135	SISMAVA	LinStatic	0,067	12,452	0	0	0
23	0	LM71SVB	LinStatic	0,01	-0,229	0	0	0
23	0,135	LM71SVB	LinStatic	0,01	-0,229	0	0	0
23	0	SW2SVB	LinStatic	0,015	-0,342	0	0	0
23	0,135	SW2SVB	LinStatic	0,015	-0,342	0	0	0
23	0	SISMAVB	LinStatic	-0,067	-12,452	0	0	0
23	0,135	SISMAVB	LinStatic	-0,067	-12,452	0	0	0
23	0	LM71SX	LinStatic	-0,121	0,005709	0	0	0
23	0,135	LM71SX	LinStatic	-0,121	0,005709	0	0	0
23	0	LM71DX	LinStatic	0,617	-11,024	0	0	0
23	0,135	LM71DX	LinStatic	0,617	-11,024	0	0	0
24	0	PP	LinStatic	-2,667	-19,516	0	0	0
24	0,135	PP	LinStatic	-2,667	-17,829	0	0	0
24	0	REINTSUP	LinStatic	2,755	-91,146	0	0	0
24	0,135	REINTSUP	LinStatic	2,755	-91,146	0	0	0
24	0	BALLAST	LinStatic	0,178	-5,902	0	0	0
24	0,135	BALLAST	LinStatic	0,178	-5,902	0	0	0
24	0	STERRASX	LinStatic	21,189	-5,334	0	0	0
24	0,135	STERRASX	LinStatic	21,189	-5,334	0	0	0
24	0	STERRADX	LinStatic	-162,955	-29,868	0	0	0
24	0,135	STERRADX	LinStatic	-162,955	-29,868	0	0	0
24	0	TERMP	LinStatic	2,999	-0,77	0	0	0
24	0,135	TERMP	LinStatic	2,999	-0,77	0	0	0
24	0	TERMN	LinStatic	-8,998	2,31	0	0	0
24	0,135	TERMN	LinStatic	-8,998	2,31	0	0	0
24	0	GRADTP	LinStatic	-6,958	-7,834	0	0	0
24	0,135	GRADTP	LinStatic	-6,958	-7,834	0	0	0
24	0	GRADTN	LinStatic	6,958	7,834	0	0	0
24	0,135	GRADTN	LinStatic	6,958	7,834	0	0	0
24	0	LM71C	LinStatic	0,496	-16,393	0	0	0
24	0,135	LM71C	LinStatic	0,496	-16,393	0	0	0
24	0	STLM71	LinStatic	2,942	-0,7	0	0	0
24	0,135	STLM71	LinStatic	2,942	-0,7	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
24	0	AVVLM71	LinStatic	6,654	-0,272	0	0	0
24	0,135	AVVLM71	LinStatic	6,654	-0,272	0	0	0
24	0	SW2	LinStatic	0,496	-16,393	0	0	0
24	0,135	SW2	LinStatic	0,496	-16,393	0	0	0
24	0	STSW2	LinStatic	2,942	-0,7	0	0	0
24	0,135	STSW2	LinStatic	2,942	-0,7	0	0	0
24	0	FRENSW2	LinStatic	7,056	-0,288	0	0	0
24	0,135	FRENSW2	LinStatic	7,056	-0,288	0	0	0
24	0	SERP	LinStatic	0	0	0	0	0
24	0,135	SERP	LinStatic	0	0	0	0	0
24	0	INCRTER	LinStatic	17,888	-4,259	0	0	0
24	0,135	INCRTER	LinStatic	17,888	-4,259	0	0	0
24	0	LM71SISO	LinStatic	1,342	-0,055	0	0	0
24	0,135	LM71SISO	LinStatic	1,342	-0,055	0	0	0
24	0	SW2SISO	LinStatic	2,009	-0,082	0	0	0
24	0,135	SW2SISO	LinStatic	2,009	-0,082	0	0	0
24	0	SISMAO	LinStatic	6,839	0,526	0	0	0
24	0,135	SISMAO	LinStatic	6,839	0,526	0	0	0
24	0	LM71SVA	LinStatic	-0,01	0,34	0	0	0
24	0,135	LM71SVA	LinStatic	-0,01	0,34	0	0	0
24	0	SW2SVA	LinStatic	-0,015	0,508	0	0	0
24	0,135	SW2SVA	LinStatic	-0,015	0,508	0	0	0
24	0	SISMAVA	LinStatic	0,067	17,922	0	0	0
24	0,135	SISMAVA	LinStatic	0,067	17,922	0	0	0
24	0	LM71SVB	LinStatic	0,01	-0,34	0	0	0
24	0,135	LM71SVB	LinStatic	0,01	-0,34	0	0	0
24	0	SW2SVB	LinStatic	0,015	-0,508	0	0	0
24	0,135	SW2SVB	LinStatic	0,015	-0,508	0	0	0
24	0	SISMAVB	LinStatic	-0,067	-17,922	0	0	0
24	0,135	SISMAVB	LinStatic	-0,067	-17,922	0	0	0
24	0	LM71SX	LinStatic	-0,121	0,481	0	0	0
24	0,135	LM71SX	LinStatic	-0,121	0,481	0	0	0
24	0	LM71DX	LinStatic	0,617	-16,875	0	0	0
24	0,135	LM71DX	LinStatic	0,617	-16,875	0	0	0
25	0	PP	LinStatic	-2,667	-23,004	0	0	0
25	0,1	PP	LinStatic	-2,667	-21,755	0	0	0
25	0	REINTSUP	LinStatic	2,755	-117,165	0	0	0
25	0,1	REINTSUP	LinStatic	2,755	-117,165	0	0	0
25	0	BALLAST	LinStatic	0,178	-7,586	0	0	0
25	0,1	BALLAST	LinStatic	0,178	-7,586	0	0	0
25	0	STERRASX	LinStatic	31,328	-25,64	0	0	0
25	0,1	STERRASX	LinStatic	31,328	-25,64	0	0	0
25	0	STERRADX	LinStatic	-173,095	-9,558	0	0	0
25	0,1	STERRADX	LinStatic	-173,095	-9,558	0	0	0
25	0	TERMP	LinStatic	2,999	-0,774	0	0	0
25	0,1	TERMP	LinStatic	2,999	-0,774	0	0	0
25	0	TERMN	LinStatic	-8,998	2,323	0	0	0
25	0,1	TERMN	LinStatic	-8,998	2,323	0	0	0
25	0	GRADTP	LinStatic	-6,958	-7,837	0	0	0
25	0,1	GRADTP	LinStatic	-6,958	-7,837	0	0	0
25	0	GRADTN	LinStatic	6,958	7,837	0	0	0
25	0,1	GRADTN	LinStatic	6,958	7,837	0	0	0
25	0	LM71C	LinStatic	0,496	-21,073	0	0	0
25	0,1	LM71C	LinStatic	0,496	-21,073	0	0	0
25	0	STLM71	LinStatic	4,255	-3,416	0	0	0
25	0,1	STLM71	LinStatic	4,255	-3,416	0	0	0
25	0	AVVLM71	LinStatic	7,622	-4,277	0	0	0
25	0,1	AVVLM71	LinStatic	7,622	-4,277	0	0	0
25	0	SW2	LinStatic	0,496	-21,073	0	0	0
25	0,1	SW2	LinStatic	0,496	-21,073	0	0	0
25	0	STSW2	LinStatic	4,255	-3,416	0	0	0
25	0,1	STSW2	LinStatic	4,255	-3,416	0	0	0
25	0	FRENSW2	LinStatic	8,082	-4,535	0	0	0
25	0,1	FRENSW2	LinStatic	8,082	-4,535	0	0	0
25	0	SERP	LinStatic	0	0	0	0	0
25	0,1	SERP	LinStatic	0	0	0	0	0
25	0	INCRTER	LinStatic	25,873	-20,774	0	0	0
25	0,1	INCRTER	LinStatic	25,873	-20,774	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
25	0	LM71SISO	LinStatic	1,537	-0,863	0	0	0
25	0,1	LM71SISO	LinStatic	1,537	-0,863	0	0	0
25	0	SW2SISO	LinStatic	2,301	-1,291	0	0	0
25	0,1	SW2SISO	LinStatic	2,301	-1,291	0	0	0
25	0	SISMAO	LinStatic	7,675	-1,873	0	0	0
25	0,1	SISMAO	LinStatic	7,675	-1,873	0	0	0
25	0	LM71SVA	LinStatic	-0,01	0,437	0	0	0
25	0,1	LM71SVA	LinStatic	-0,01	0,437	0	0	0
25	0	SW2SVA	LinStatic	-0,015	0,653	0	0	0
25	0,1	SW2SVA	LinStatic	-0,015	0,653	0	0	0
25	0	SISMAVA	LinStatic	0,067	22,684	0	0	0
25	0,1	SISMAVA	LinStatic	0,067	22,684	0	0	0
25	0	LM71SVB	LinStatic	0,01	-0,437	0	0	0
25	0,1	LM71SVB	LinStatic	0,01	-0,437	0	0	0
25	0	SW2SVB	LinStatic	0,015	-0,653	0	0	0
25	0,1	SW2SVB	LinStatic	0,015	-0,653	0	0	0
25	0	SISMAVB	LinStatic	-0,067	-22,684	0	0	0
25	0,1	SISMAVB	LinStatic	-0,067	-22,684	0	0	0
25	0	LM71SX	LinStatic	-0,121	1,201	0	0	0
25	0,1	LM71SX	LinStatic	-0,121	1,201	0	0	0
25	0	LM71DX	LinStatic	0,617	-22,274	0	0	0
25	0,1	LM71DX	LinStatic	0,617	-22,274	0	0	0
26	0	PP	LinStatic	-2,667	-26,161	0	0	0
26	0,1	PP	LinStatic	-2,667	-24,911	0	0	0
26	0	REINTSUP	LinStatic	2,755	-139,314	0	0	0
26	0,1	REINTSUP	LinStatic	2,755	-139,314	0	0	0
26	0	BALLAST	LinStatic	0,178	-9,02	0	0	0
26	0,1	BALLAST	LinStatic	0,178	-9,02	0	0	0
26	0	STERRASX	LinStatic	39,958	-44,206	0	0	0
26	0,1	STERRASX	LinStatic	39,958	-44,206	0	0	0
26	0	STERRADX	LinStatic	-181,725	9,017	0	0	0
26	0,1	STERRADX	LinStatic	-181,725	9,017	0	0	0
26	0	TERMP	LinStatic	2,999	-0,779	0	0	0
26	0,1	TERMP	LinStatic	2,999	-0,779	0	0	0
26	0	TERMN	LinStatic	-8,998	2,336	0	0	0
26	0,1	TERMN	LinStatic	-8,998	2,336	0	0	0
26	0	GRADTP	LinStatic	-6,958	-7,839	0	0	0
26	0,1	GRADTP	LinStatic	-6,958	-7,839	0	0	0
26	0	GRADTN	LinStatic	6,958	7,839	0	0	0
26	0,1	GRADTN	LinStatic	6,958	7,839	0	0	0
26	0	LM71C	LinStatic	0,496	-25,056	0	0	0
26	0,1	LM71C	LinStatic	0,496	-25,056	0	0	0
26	0	STLM71	LinStatic	5,372	-5,9	0	0	0
26	0,1	STLM71	LinStatic	5,372	-5,9	0	0	0
26	0	AVVLM71	LinStatic	8,446	-7,939	0	0	0
26	0,1	AVVLM71	LinStatic	8,446	-7,939	0	0	0
26	0	SW2	LinStatic	0,496	-25,056	0	0	0
26	0,1	SW2	LinStatic	0,496	-25,056	0	0	0
26	0	STSW2	LinStatic	5,372	-5,9	0	0	0
26	0,1	STSW2	LinStatic	5,372	-5,9	0	0	0
26	0	FRENSW2	LinStatic	8,956	-8,418	0	0	0
26	0,1	FRENSW2	LinStatic	8,956	-8,418	0	0	0
26	0	SERP	LinStatic	0	0	0	0	0
26	0,1	SERP	LinStatic	0	0	0	0	0
26	0	INCRTER	LinStatic	32,669	-35,876	0	0	0
26	0,1	INCRTER	LinStatic	32,669	-35,876	0	0	0
26	0	LM71SISO	LinStatic	1,703	-1,601	0	0	0
26	0,1	LM71SISO	LinStatic	1,703	-1,601	0	0	0
26	0	SW2SISO	LinStatic	2,55	-2,397	0	0	0
26	0,1	SW2SISO	LinStatic	2,55	-2,397	0	0	0
26	0	SISMAO	LinStatic	8,387	-4,066	0	0	0
26	0,1	SISMAO	LinStatic	8,387	-4,066	0	0	0
26	0	LM71SVA	LinStatic	-0,01	0,52	0	0	0
26	0,1	LM71SVA	LinStatic	-0,01	0,52	0	0	0
26	0	SW2SVA	LinStatic	-0,015	0,777	0	0	0
26	0,1	SW2SVA	LinStatic	-0,015	0,777	0	0	0
26	0	SISMAVA	LinStatic	0,067	26,738	0	0	0
26	0,1	SISMAVA	LinStatic	0,067	26,738	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
26	0	LM71SVB	LinStatic	0,01	-0,52	0	0	0
26	0,1	LM71SVB	LinStatic	0,01	-0,52	0	0	0
26	0	SW2SVB	LinStatic	0,015	-0,777	0	0	0
26	0,1	SW2SVB	LinStatic	0,015	-0,777	0	0	0
26	0	SISMAVB	LinStatic	-0,067	-26,738	0	0	0
26	0,1	SISMAVB	LinStatic	-0,067	-26,738	0	0	0
26	0	LM71SX	LinStatic	-0,121	2,007	0	0	0
26	0,1	LM71SX	LinStatic	-0,121	2,007	0	0	0
26	0	LM71DX	LinStatic	0,617	-27,063	0	0	0
26	0,1	LM71DX	LinStatic	0,617	-27,063	0	0	0
27	0	PP	LinStatic	-27,114	2,667	0	0	0
27	0,0625	PP	LinStatic	-26,49	2,667	0	0	0
27	0,125	PP	LinStatic	-25,865	2,667	0	0	0
27	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
27	0,0625	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
27	0,125	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
27	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
27	0,0625	BALLAST	LinStatic	-9,738	-0,178	0	0	0
27	0,125	BALLAST	LinStatic	-9,738	-0,178	0	0	0
27	0	STERRASX	LinStatic	18,949	186,04	0	0	0
27	0,0625	STERRASX	LinStatic	18,949	178,546	0	0	0
27	0,125	STERRASX	LinStatic	18,949	171,086	0	0	0
27	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
27	0,0625	STERRADX	LinStatic	-54,133	-44,272	0	0	0
27	0,125	STERRADX	LinStatic	-54,133	-44,272	0	0	0
27	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
27	0,0625	TERMP	LinStatic	-0,782	-2,999	0	0	0
27	0,125	TERMP	LinStatic	-0,782	-2,999	0	0	0
27	0	TERMN	LinStatic	2,345	8,998	0	0	0
27	0,0625	TERMN	LinStatic	2,345	8,998	0	0	0
27	0,125	TERMN	LinStatic	2,345	8,998	0	0	0
27	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
27	0,0625	GRADTP	LinStatic	-7,84	6,958	0	0	0
27	0,125	GRADTP	LinStatic	-7,84	6,958	0	0	0
27	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
27	0,0625	GRADTN	LinStatic	7,84	-6,958	0	0	0
27	0,125	GRADTN	LinStatic	7,84	-6,958	0	0	0
27	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
27	0,0625	LM71C	LinStatic	-27,049	-0,496	0	0	0
27	0,125	LM71C	LinStatic	-27,049	-0,496	0	0	0
27	0	STLM71	LinStatic	2,664	23,714	0	0	0
27	0,0625	STLM71	LinStatic	2,664	22,826	0	0	0
27	0,125	STLM71	LinStatic	2,664	21,938	0	0	0
27	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
27	0,0625	AVVLM71	LinStatic	9,897	8,858	0	0	0
27	0,125	AVVLM71	LinStatic	9,897	8,858	0	0	0
27	0	SW2	LinStatic	-27,049	-0,496	0	0	0
27	0,0625	SW2	LinStatic	-27,049	-0,496	0	0	0
27	0,125	SW2	LinStatic	-27,049	-0,496	0	0	0
27	0	STSW2	LinStatic	2,664	23,714	0	0	0
27	0,0625	STSW2	LinStatic	2,664	22,826	0	0	0
27	0,125	STSW2	LinStatic	2,664	21,938	0	0	0
27	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
27	0,0625	FRENSW2	LinStatic	10,494	9,393	0	0	0
27	0,125	FRENSW2	LinStatic	10,494	9,393	0	0	0
27	0	SERP	LinStatic	0	0	0	0	0
27	0,0625	SERP	LinStatic	0	0	0	0	0
27	0,125	SERP	LinStatic	0	0	0	0	0
27	0	INCRTER	LinStatic	16,202	144,206	0	0	0
27	0,0625	INCRTER	LinStatic	16,202	138,805	0	0	0
27	0,125	INCRTER	LinStatic	16,202	133,404	0	0	0
27	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
27	0,0625	LM71SISO	LinStatic	1,996	1,787	0	0	0
27	0,125	LM71SISO	LinStatic	1,996	1,787	0	0	0
27	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
27	0,0625	SW2SISO	LinStatic	2,988	2,675	0	0	0
27	0,125	SW2SISO	LinStatic	2,988	2,675	0	0	0
27	0	SISMAO	LinStatic	5,239	8,742	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
27	0,0625	SISMAO	LinStatic	5,239	8,569	0	0	0
27	0,125	SISMAO	LinStatic	5,239	8,396	0	0	0
27	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
27	0,0625	LM71SVA	LinStatic	0,561	0,01	0	0	0
27	0,125	LM71SVA	LinStatic	0,561	0,01	0	0	0
27	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
27	0,0625	SW2SVA	LinStatic	0,839	0,015	0	0	0
27	0,125	SW2SVA	LinStatic	0,839	0,015	0	0	0
27	0	SISMAVA	LinStatic	28,766	-0,067	0	0	0
27	0,0625	SISMAVA	LinStatic	28,669	-0,067	0	0	0
27	0,125	SISMAVA	LinStatic	28,572	-0,067	0	0	0
27	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
27	0,0625	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
27	0,125	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
27	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
27	0,0625	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
27	0,125	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
27	0	SISMAVB	LinStatic	-28,766	0,067	0	0	0
27	0,0625	SISMAVB	LinStatic	-28,669	0,067	0	0	0
27	0,125	SISMAVB	LinStatic	-28,572	0,067	0	0	0
27	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
27	0,0625	LM71SX	LinStatic	-29,555	-0,617	0	0	0
27	0,125	LM71SX	LinStatic	-29,555	-0,617	0	0	0
27	0	LM71DX	LinStatic	2,506	0,121	0	0	0
27	0,0625	LM71DX	LinStatic	2,506	0,121	0	0	0
27	0,125	LM71DX	LinStatic	2,506	0,121	0	0	0
28	0	PP	LinStatic	-43,18	-1,265E-11	0	0	0
28	0,0625	PP	LinStatic	-43,649	-1,265E-11	0	0	0
28	0,125	PP	LinStatic	-44,117	-1,265E-11	0	0	0
28	0	REINTSUP	LinStatic	-388,659	-6,018E-11	0	0	0
28	0,0625	REINTSUP	LinStatic	-388,659	-6,018E-11	0	0	0
28	0,125	REINTSUP	LinStatic	-388,659	-6,018E-11	0	0	0
28	0	BALLAST	LinStatic	-25,165	-4,387E-12	0	0	0
28	0,0625	BALLAST	LinStatic	-25,165	-4,387E-12	0	0	0
28	0,125	BALLAST	LinStatic	-25,165	-4,387E-12	0	0	0
28	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
28	0,0625	STERRASX	LinStatic	35,184	-38,499	0	0	0
28	0,125	STERRASX	LinStatic	35,184	-38,499	0	0	0
28	0	STERRADX	LinStatic	35,184	38,499	0	0	0
28	0,0625	STERRADX	LinStatic	35,184	38,499	0	0	0
28	0,125	STERRADX	LinStatic	35,184	38,499	0	0	0
28	0	TERMP	LinStatic	1,563	-8,341E-13	0	0	0
28	0,0625	TERMP	LinStatic	1,563	-8,341E-13	0	0	0
28	0,125	TERMP	LinStatic	1,563	-8,341E-13	0	0	0
28	0	TERMN	LinStatic	-4,689	2,138E-12	0	0	0
28	0,0625	TERMN	LinStatic	-4,689	2,138E-12	0	0	0
28	0,125	TERMN	LinStatic	-4,689	2,138E-12	0	0	0
28	0	GRADTP	LinStatic	15,681	-2,99E-15	0	0	0
28	0,0625	GRADTP	LinStatic	15,681	-2,99E-15	0	0	0
28	0,125	GRADTP	LinStatic	15,681	-2,99E-15	0	0	0
28	0	GRADTN	LinStatic	-15,681	2,99E-15	0	0	0
28	0,0625	GRADTN	LinStatic	-15,681	2,99E-15	0	0	0
28	0,125	GRADTN	LinStatic	-15,681	2,99E-15	0	0	0
28	0	LM71C	LinStatic	-69,903	-1,198E-11	0	0	0
28	0,0625	LM71C	LinStatic	-69,903	-1,198E-11	0	0	0
28	0,125	LM71C	LinStatic	-69,903	-1,198E-11	0	0	0
28	0	STLM71	LinStatic	4,563	-5,169	0	0	0
28	0,0625	STLM71	LinStatic	4,563	-5,169	0	0	0
28	0,125	STLM71	LinStatic	4,563	-5,169	0	0	0
28	0	AVVLM71	LinStatic	-9,978E-11	-7,952	0	0	0
28	0,0625	AVVLM71	LinStatic	-9,978E-11	-7,952	0	0	0
28	0,125	AVVLM71	LinStatic	-9,978E-11	-7,952	0	0	0
28	0	SW2	LinStatic	-69,903	-1,149E-11	0	0	0
28	0,0625	SW2	LinStatic	-69,903	-1,149E-11	0	0	0
28	0,125	SW2	LinStatic	-69,903	-1,149E-11	0	0	0
28	0	STSW2	LinStatic	4,563	-5,169	0	0	0
28	0,0625	STSW2	LinStatic	4,563	-5,169	0	0	0
28	0,125	STSW2	LinStatic	4,563	-5,169	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
28	0	FRENSW2	LinStatic	-1,074E-10	-8,432	0	0	0
28	0,0625	FRENSW2	LinStatic	-1,074E-10	-8,432	0	0	0
28	0,125	FRENSW2	LinStatic	-1,074E-10	-8,432	0	0	0
28	0	SERP	LinStatic	0	0	0	0	0
28	0,0625	SERP	LinStatic	0	0	0	0	0
28	0,125	SERP	LinStatic	0	0	0	0	0
28	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
28	0,0625	INCRTER	LinStatic	27,749	-31,431	0	0	0
28	0,125	INCRTER	LinStatic	27,749	-31,431	0	0	0
28	0	LM71SISO	LinStatic	-1,993E-11	-1,604	0	0	0
28	0,0625	LM71SISO	LinStatic	-1,993E-11	-1,604	0	0	0
28	0,125	LM71SISO	LinStatic	-1,993E-11	-1,604	0	0	0
28	0	SW2SISO	LinStatic	-3,064E-11	-2,401	0	0	0
28	0,0625	SW2SISO	LinStatic	-3,064E-11	-2,401	0	0	0
28	0,125	SW2SISO	LinStatic	-3,064E-11	-2,401	0	0	0
28	0	SISMAO	LinStatic	-5,803E-11	-4,675	0	0	0
28	0,0625	SISMAO	LinStatic	-5,803E-11	-4,675	0	0	0
28	0,125	SISMAO	LinStatic	-5,803E-11	-4,675	0	0	0
28	0	LM71SVA	LinStatic	1,45	2,179E-13	0	0	0
28	0,0625	LM71SVA	LinStatic	1,45	2,179E-13	0	0	0
28	0,125	LM71SVA	LinStatic	1,45	2,179E-13	0	0	0
28	0	SW2SVA	LinStatic	2,167	3,449E-13	0	0	0
28	0,0625	SW2SVA	LinStatic	2,167	3,449E-13	0	0	0
28	0,125	SW2SVA	LinStatic	2,167	3,449E-13	0	0	0
28	0	SISMAVA	LinStatic	68,639	1,097E-11	0	0	0
28	0,0625	SISMAVA	LinStatic	68,639	1,097E-11	0	0	0
28	0,125	SISMAVA	LinStatic	68,639	1,097E-11	0	0	0
28	0	LM71SVB	LinStatic	-1,45	-2,179E-13	0	0	0
28	0,0625	LM71SVB	LinStatic	-1,45	-2,179E-13	0	0	0
28	0,125	LM71SVB	LinStatic	-1,45	-2,179E-13	0	0	0
28	0	SW2SVB	LinStatic	-2,167	-3,449E-13	0	0	0
28	0,0625	SW2SVB	LinStatic	-2,167	-3,449E-13	0	0	0
28	0,125	SW2SVB	LinStatic	-2,167	-3,449E-13	0	0	0
28	0	SISMAVB	LinStatic	-68,639	-1,097E-11	0	0	0
28	0,0625	SISMAVB	LinStatic	-68,639	-1,097E-11	0	0	0
28	0,125	SISMAVB	LinStatic	-68,639	-1,097E-11	0	0	0
28	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
28	0,0625	LM71SX	LinStatic	-34,951	-0,738	0	0	0
28	0,125	LM71SX	LinStatic	-34,951	-0,738	0	0	0
28	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
28	0,0625	LM71DX	LinStatic	-34,951	0,738	0	0	0
28	0,125	LM71DX	LinStatic	-34,951	0,738	0	0	0
29	0	PP	LinStatic	-27,114	-2,667	0	0	0
29	0,0625	PP	LinStatic	-26,49	-2,667	0	0	0
29	0,125	PP	LinStatic	-25,865	-2,667	0	0	0
29	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
29	0,0625	REINTSUP	LinStatic	-150,391	2,755	0	0	0
29	0,125	REINTSUP	LinStatic	-150,391	2,755	0	0	0
29	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
29	0,0625	BALLAST	LinStatic	-9,738	0,178	0	0	0
29	0,125	BALLAST	LinStatic	-9,738	0,178	0	0	0
29	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
29	0,0625	STERRASX	LinStatic	-54,133	44,272	0	0	0
29	0,125	STERRASX	LinStatic	-54,133	44,272	0	0	0
29	0	STERRADX	LinStatic	18,949	-186,04	0	0	0
29	0,0625	STERRADX	LinStatic	18,949	-178,546	0	0	0
29	0,125	STERRADX	LinStatic	18,949	-171,086	0	0	0
29	0	TERMP	LinStatic	-0,782	2,999	0	0	0
29	0,0625	TERMP	LinStatic	-0,782	2,999	0	0	0
29	0,125	TERMP	LinStatic	-0,782	2,999	0	0	0
29	0	TERMN	LinStatic	2,345	-8,998	0	0	0
29	0,0625	TERMN	LinStatic	2,345	-8,998	0	0	0
29	0,125	TERMN	LinStatic	2,345	-8,998	0	0	0
29	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
29	0,0625	GRADTP	LinStatic	-7,84	-6,958	0	0	0
29	0,125	GRADTP	LinStatic	-7,84	-6,958	0	0	0
29	0	GRADTN	LinStatic	7,84	6,958	0	0	0
29	0,0625	GRADTN	LinStatic	7,84	6,958	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
29	0,125	GRADTN	LinStatic	7,84	6,958	0	0	0
29	0	LM71C	LinStatic	-27,049	0,496	0	0	0
29	0,0625	LM71C	LinStatic	-27,049	0,496	0	0	0
29	0,125	LM71C	LinStatic	-27,049	0,496	0	0	0
29	0	STLM71	LinStatic	-7,228	5,931	0	0	0
29	0,0625	STLM71	LinStatic	-7,228	5,931	0	0	0
29	0,125	STLM71	LinStatic	-7,228	5,931	0	0	0
29	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
29	0,0625	AVVLM71	LinStatic	-9,897	8,858	0	0	0
29	0,125	AVVLM71	LinStatic	-9,897	8,858	0	0	0
29	0	SW2	LinStatic	-27,049	0,496	0	0	0
29	0,0625	SW2	LinStatic	-27,049	0,496	0	0	0
29	0,125	SW2	LinStatic	-27,049	0,496	0	0	0
29	0	STSW2	LinStatic	-7,228	5,931	0	0	0
29	0,0625	STSW2	LinStatic	-7,228	5,931	0	0	0
29	0,125	STSW2	LinStatic	-7,228	5,931	0	0	0
29	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
29	0,0625	FRENSW2	LinStatic	-10,494	9,393	0	0	0
29	0,125	FRENSW2	LinStatic	-10,494	9,393	0	0	0
29	0	SERP	LinStatic	0	0	0	0	0
29	0,0625	SERP	LinStatic	0	0	0	0	0
29	0,125	SERP	LinStatic	0	0	0	0	0
29	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
29	0,0625	INCRTER	LinStatic	-43,951	36,068	0	0	0
29	0,125	INCRTER	LinStatic	-43,951	36,068	0	0	0
29	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
29	0,0625	LM71SISO	LinStatic	-1,996	1,787	0	0	0
29	0,125	LM71SISO	LinStatic	-1,996	1,787	0	0	0
29	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
29	0,0625	SW2SISO	LinStatic	-2,988	2,675	0	0	0
29	0,125	SW2SISO	LinStatic	-2,988	2,675	0	0	0
29	0	SISMAO	LinStatic	-5,239	8,742	0	0	0
29	0,0625	SISMAO	LinStatic	-5,239	8,569	0	0	0
29	0,125	SISMAO	LinStatic	-5,239	8,396	0	0	0
29	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
29	0,0625	LM71SVA	LinStatic	0,561	-0,01	0	0	0
29	0,125	LM71SVA	LinStatic	0,561	-0,01	0	0	0
29	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
29	0,0625	SW2SVA	LinStatic	0,839	-0,015	0	0	0
29	0,125	SW2SVA	LinStatic	0,839	-0,015	0	0	0
29	0	SISMAVA	LinStatic	28,766	0,067	0	0	0
29	0,0625	SISMAVA	LinStatic	28,669	0,067	0	0	0
29	0,125	SISMAVA	LinStatic	28,572	0,067	0	0	0
29	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
29	0,0625	LM71SVB	LinStatic	-0,561	0,01	0	0	0
29	0,125	LM71SVB	LinStatic	-0,561	0,01	0	0	0
29	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
29	0,0625	SW2SVB	LinStatic	-0,839	0,015	0	0	0
29	0,125	SW2SVB	LinStatic	-0,839	0,015	0	0	0
29	0	SISMAVB	LinStatic	-28,766	-0,067	0	0	0
29	0,0625	SISMAVB	LinStatic	-28,669	-0,067	0	0	0
29	0,125	SISMAVB	LinStatic	-28,572	-0,067	0	0	0
29	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
29	0,0625	LM71SX	LinStatic	2,506	-0,121	0	0	0
29	0,125	LM71SX	LinStatic	2,506	-0,121	0	0	0
29	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
29	0,0625	LM71DX	LinStatic	-29,555	0,617	0	0	0
29	0,125	LM71DX	LinStatic	-29,555	0,617	0	0	0
30	0	PP	LinStatic	-25,865	2,667	0	0	0
30	0,0625	PP	LinStatic	-25,24	2,667	0	0	0
30	0,125	PP	LinStatic	-24,615	2,667	0	0	0
30	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
30	0,0625	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
30	0,125	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
30	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
30	0,0625	BALLAST	LinStatic	-9,738	-0,178	0	0	0
30	0,125	BALLAST	LinStatic	-9,738	-0,178	0	0	0
30	0	STERRASX	LinStatic	18,949	171,086	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
30	0,0625	STERRASX	LinStatic	18,949	163,659	0	0	0
30	0,125	STERRASX	LinStatic	18,949	156,265	0	0	0
30	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
30	0,0625	STERRADX	LinStatic	-54,133	-44,272	0	0	0
30	0,125	STERRADX	LinStatic	-54,133	-44,272	0	0	0
30	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
30	0,0625	TERMP	LinStatic	-0,782	-2,999	0	0	0
30	0,125	TERMP	LinStatic	-0,782	-2,999	0	0	0
30	0	TERMN	LinStatic	2,345	8,998	0	0	0
30	0,0625	TERMN	LinStatic	2,345	8,998	0	0	0
30	0,125	TERMN	LinStatic	2,345	8,998	0	0	0
30	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
30	0,0625	GRADTP	LinStatic	-7,84	6,958	0	0	0
30	0,125	GRADTP	LinStatic	-7,84	6,958	0	0	0
30	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
30	0,0625	GRADTN	LinStatic	7,84	-6,958	0	0	0
30	0,125	GRADTN	LinStatic	7,84	-6,958	0	0	0
30	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
30	0,0625	LM71C	LinStatic	-27,049	-0,496	0	0	0
30	0,125	LM71C	LinStatic	-27,049	-0,496	0	0	0
30	0	STLM71	LinStatic	2,664	21,938	0	0	0
30	0,0625	STLM71	LinStatic	2,664	21,05	0	0	0
30	0,125	STLM71	LinStatic	2,664	20,162	0	0	0
30	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
30	0,0625	AVVLM71	LinStatic	9,897	8,858	0	0	0
30	0,125	AVVLM71	LinStatic	9,897	8,858	0	0	0
30	0	SW2	LinStatic	-27,049	-0,496	0	0	0
30	0,0625	SW2	LinStatic	-27,049	-0,496	0	0	0
30	0,125	SW2	LinStatic	-27,049	-0,496	0	0	0
30	0	STSW2	LinStatic	2,664	21,938	0	0	0
30	0,0625	STSW2	LinStatic	2,664	21,05	0	0	0
30	0,125	STSW2	LinStatic	2,664	20,162	0	0	0
30	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
30	0,0625	FRENSW2	LinStatic	10,494	9,393	0	0	0
30	0,125	FRENSW2	LinStatic	10,494	9,393	0	0	0
30	0	SERP	LinStatic	0	0	0	0	0
30	0,0625	SERP	LinStatic	0	0	0	0	0
30	0,125	SERP	LinStatic	0	0	0	0	0
30	0	INCRTER	LinStatic	16,202	133,404	0	0	0
30	0,0625	INCRTER	LinStatic	16,202	128,004	0	0	0
30	0,125	INCRTER	LinStatic	16,202	122,603	0	0	0
30	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
30	0,0625	LM71SISO	LinStatic	1,996	1,787	0	0	0
30	0,125	LM71SISO	LinStatic	1,996	1,787	0	0	0
30	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
30	0,0625	SW2SISO	LinStatic	2,988	2,675	0	0	0
30	0,125	SW2SISO	LinStatic	2,988	2,675	0	0	0
30	0	SISMAO	LinStatic	5,239	8,396	0	0	0
30	0,0625	SISMAO	LinStatic	5,239	8,223	0	0	0
30	0,125	SISMAO	LinStatic	5,239	8,05	0	0	0
30	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
30	0,0625	LM71SVA	LinStatic	0,561	0,01	0	0	0
30	0,125	LM71SVA	LinStatic	0,561	0,01	0	0	0
30	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
30	0,0625	SW2SVA	LinStatic	0,839	0,015	0	0	0
30	0,125	SW2SVA	LinStatic	0,839	0,015	0	0	0
30	0	SISMAVA	LinStatic	28,572	-0,067	0	0	0
30	0,0625	SISMAVA	LinStatic	28,475	-0,067	0	0	0
30	0,125	SISMAVA	LinStatic	28,378	-0,067	0	0	0
30	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
30	0,0625	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
30	0,125	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
30	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
30	0,0625	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
30	0,125	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
30	0	SISMAVB	LinStatic	-28,572	0,067	0	0	0
30	0,0625	SISMAVB	LinStatic	-28,475	0,067	0	0	0
30	0,125	SISMAVB	LinStatic	-28,378	0,067	0	0	0



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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
30	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
30	0,0625	LM71SX	LinStatic	-29,555	-0,617	0	0	0
30	0,125	LM71SX	LinStatic	-29,555	-0,617	0	0	0
30	0	LM71DX	LinStatic	2,506	0,121	0	0	0
30	0,0625	LM71DX	LinStatic	2,506	0,121	0	0	0
30	0,125	LM71DX	LinStatic	2,506	0,121	0	0	0
31	0	PP	LinStatic	-42,243	-1,286E-11	0	0	0
31	0,0625	PP	LinStatic	-42,711	-1,286E-11	0	0	0
31	0,125	PP	LinStatic	-43,18	-1,286E-11	0	0	0
31	0	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
31	0,0625	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
31	0,125	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
31	0	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
31	0,0625	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
31	0,125	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
31	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
31	0,0625	STERRASX	LinStatic	35,184	-38,499	0	0	0
31	0,125	STERRASX	LinStatic	35,184	-38,499	0	0	0
31	0	STERRADX	LinStatic	35,184	38,499	0	0	0
31	0,0625	STERRADX	LinStatic	35,184	38,499	0	0	0
31	0,125	STERRADX	LinStatic	35,184	38,499	0	0	0
31	0	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
31	0,0625	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
31	0,125	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
31	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
31	0,0625	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
31	0,125	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
31	0	GRADTP	LinStatic	15,681	-3E-15	0	0	0
31	0,0625	GRADTP	LinStatic	15,681	-3E-15	0	0	0
31	0,125	GRADTP	LinStatic	15,681	-3E-15	0	0	0
31	0	GRADTN	LinStatic	-15,681	3E-15	0	0	0
31	0,0625	GRADTN	LinStatic	-15,681	3E-15	0	0	0
31	0,125	GRADTN	LinStatic	-15,681	3E-15	0	0	0
31	0	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
31	0,0625	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
31	0,125	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
31	0	STLM71	LinStatic	4,563	-5,169	0	0	0
31	0,0625	STLM71	LinStatic	4,563	-5,169	0	0	0
31	0,125	STLM71	LinStatic	4,563	-5,169	0	0	0
31	0	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
31	0,0625	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
31	0,125	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
31	0	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
31	0,0625	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
31	0,125	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
31	0	STSW2	LinStatic	4,563	-5,169	0	0	0
31	0,0625	STSW2	LinStatic	4,563	-5,169	0	0	0
31	0,125	STSW2	LinStatic	4,563	-5,169	0	0	0
31	0	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
31	0,0625	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
31	0,125	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
31	0	SERP	LinStatic	0	0	0	0	0
31	0,0625	SERP	LinStatic	0	0	0	0	0
31	0,125	SERP	LinStatic	0	0	0	0	0
31	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
31	0,0625	INCRTER	LinStatic	27,749	-31,431	0	0	0
31	0,125	INCRTER	LinStatic	27,749	-31,431	0	0	0
31	0	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
31	0,0625	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
31	0,125	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
31	0	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
31	0,0625	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
31	0,125	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
31	0	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
31	0,0625	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
31	0,125	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
31	0	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0
31	0,0625	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0



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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
31	0,125	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0
31	0	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
31	0,0625	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
31	0,125	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
31	0	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
31	0,0625	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
31	0,125	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
31	0	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
31	0,0625	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
31	0,125	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
31	0	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
31	0,0625	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
31	0,125	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
31	0	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
31	0,0625	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
31	0,125	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
31	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
31	0,0625	LM71SX	LinStatic	-34,951	-0,738	0	0	0
31	0,125	LM71SX	LinStatic	-34,951	-0,738	0	0	0
31	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
31	0,0625	LM71DX	LinStatic	-34,951	0,738	0	0	0
31	0,125	LM71DX	LinStatic	-34,951	0,738	0	0	0
32	0	PP	LinStatic	-25,865	-2,667	0	0	0
32	0,0625	PP	LinStatic	-25,24	-2,667	0	0	0
32	0,125	PP	LinStatic	-24,615	-2,667	0	0	0
32	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
32	0,0625	REINTSUP	LinStatic	-150,391	2,755	0	0	0
32	0,125	REINTSUP	LinStatic	-150,391	2,755	0	0	0
32	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
32	0,0625	BALLAST	LinStatic	-9,738	0,178	0	0	0
32	0,125	BALLAST	LinStatic	-9,738	0,178	0	0	0
32	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
32	0,0625	STERRASX	LinStatic	-54,133	44,272	0	0	0
32	0,125	STERRASX	LinStatic	-54,133	44,272	0	0	0
32	0	STERRADX	LinStatic	18,949	-171,086	0	0	0
32	0,0625	STERRADX	LinStatic	18,949	-163,659	0	0	0
32	0,125	STERRADX	LinStatic	18,949	-156,265	0	0	0
32	0	TERMP	LinStatic	-0,782	2,999	0	0	0
32	0,0625	TERMP	LinStatic	-0,782	2,999	0	0	0
32	0,125	TERMP	LinStatic	-0,782	2,999	0	0	0
32	0	TERMN	LinStatic	2,345	-8,998	0	0	0
32	0,0625	TERMN	LinStatic	2,345	-8,998	0	0	0
32	0,125	TERMN	LinStatic	2,345	-8,998	0	0	0
32	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
32	0,0625	GRADTP	LinStatic	-7,84	-6,958	0	0	0
32	0,125	GRADTP	LinStatic	-7,84	-6,958	0	0	0
32	0	GRADTN	LinStatic	7,84	6,958	0	0	0
32	0,0625	GRADTN	LinStatic	7,84	6,958	0	0	0
32	0,125	GRADTN	LinStatic	7,84	6,958	0	0	0
32	0	LM71C	LinStatic	-27,049	0,496	0	0	0
32	0,0625	LM71C	LinStatic	-27,049	0,496	0	0	0
32	0,125	LM71C	LinStatic	-27,049	0,496	0	0	0
32	0	STLM71	LinStatic	-7,228	5,931	0	0	0
32	0,0625	STLM71	LinStatic	-7,228	5,931	0	0	0
32	0,125	STLM71	LinStatic	-7,228	5,931	0	0	0
32	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
32	0,0625	AVVLM71	LinStatic	-9,897	8,858	0	0	0
32	0,125	AVVLM71	LinStatic	-9,897	8,858	0	0	0
32	0	SW2	LinStatic	-27,049	0,496	0	0	0
32	0,0625	SW2	LinStatic	-27,049	0,496	0	0	0
32	0,125	SW2	LinStatic	-27,049	0,496	0	0	0
32	0	STSW2	LinStatic	-7,228	5,931	0	0	0
32	0,0625	STSW2	LinStatic	-7,228	5,931	0	0	0
32	0,125	STSW2	LinStatic	-7,228	5,931	0	0	0
32	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
32	0,0625	FRENSW2	LinStatic	-10,494	9,393	0	0	0
32	0,125	FRENSW2	LinStatic	-10,494	9,393	0	0	0
32	0	SERP	LinStatic	0	0	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
32	0,0625	SERP	LinStatic	0	0	0	0	0
32	0,125	SERP	LinStatic	0	0	0	0	0
32	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
32	0,0625	INCRTER	LinStatic	-43,951	36,068	0	0	0
32	0,125	INCRTER	LinStatic	-43,951	36,068	0	0	0
32	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
32	0,0625	LM71SISO	LinStatic	-1,996	1,787	0	0	0
32	0,125	LM71SISO	LinStatic	-1,996	1,787	0	0	0
32	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
32	0,0625	SW2SISO	LinStatic	-2,988	2,675	0	0	0
32	0,125	SW2SISO	LinStatic	-2,988	2,675	0	0	0
32	0	SISMAO	LinStatic	-5,239	8,396	0	0	0
32	0,0625	SISMAO	LinStatic	-5,239	8,223	0	0	0
32	0,125	SISMAO	LinStatic	-5,239	8,05	0	0	0
32	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
32	0,0625	LM71SVA	LinStatic	0,561	-0,01	0	0	0
32	0,125	LM71SVA	LinStatic	0,561	-0,01	0	0	0
32	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
32	0,0625	SW2SVA	LinStatic	0,839	-0,015	0	0	0
32	0,125	SW2SVA	LinStatic	0,839	-0,015	0	0	0
32	0	SISMAVA	LinStatic	28,572	0,067	0	0	0
32	0,0625	SISMAVA	LinStatic	28,475	0,067	0	0	0
32	0,125	SISMAVA	LinStatic	28,378	0,067	0	0	0
32	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
32	0,0625	LM71SVB	LinStatic	-0,561	0,01	0	0	0
32	0,125	LM71SVB	LinStatic	-0,561	0,01	0	0	0
32	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
32	0,0625	SW2SVB	LinStatic	-0,839	0,015	0	0	0
32	0,125	SW2SVB	LinStatic	-0,839	0,015	0	0	0
32	0	SISMAVB	LinStatic	-28,572	-0,067	0	0	0
32	0,0625	SISMAVB	LinStatic	-28,475	-0,067	0	0	0
32	0,125	SISMAVB	LinStatic	-28,378	-0,067	0	0	0
32	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
32	0,0625	LM71SX	LinStatic	2,506	-0,121	0	0	0
32	0,125	LM71SX	LinStatic	2,506	-0,121	0	0	0
32	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
32	0,0625	LM71DX	LinStatic	-29,555	0,617	0	0	0
32	0,125	LM71DX	LinStatic	-29,555	0,617	0	0	0
33	0	PP	LinStatic	-24,615	2,667	0	0	0
33	0,25	PP	LinStatic	-22,116	2,667	0	0	0
33	0,5	PP	LinStatic	-19,617	2,667	0	0	0
33	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
33	0,25	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
33	0,5	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
33	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
33	0,25	BALLAST	LinStatic	-9,738	-0,178	0	0	0
33	0,5	BALLAST	LinStatic	-9,738	-0,178	0	0	0
33	0	STERRASX	LinStatic	18,949	156,265	0	0	0
33	0,25	STERRASX	LinStatic	18,949	127,023	0	0	0
33	0,5	STERRASX	LinStatic	18,949	98,314	0	0	0
33	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
33	0,25	STERRADX	LinStatic	-54,133	-44,272	0	0	0
33	0,5	STERRADX	LinStatic	-54,133	-44,272	0	0	0
33	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
33	0,25	TERMP	LinStatic	-0,782	-2,999	0	0	0
33	0,5	TERMP	LinStatic	-0,782	-2,999	0	0	0
33	0	TERMN	LinStatic	2,345	8,998	0	0	0
33	0,25	TERMN	LinStatic	2,345	8,998	0	0	0
33	0,5	TERMN	LinStatic	2,345	8,998	0	0	0
33	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
33	0,25	GRADTP	LinStatic	-7,84	6,958	0	0	0
33	0,5	GRADTP	LinStatic	-7,84	6,958	0	0	0
33	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
33	0,25	GRADTN	LinStatic	7,84	-6,958	0	0	0
33	0,5	GRADTN	LinStatic	7,84	-6,958	0	0	0
33	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
33	0,25	LM71C	LinStatic	-27,049	-0,496	0	0	0
33	0,5	LM71C	LinStatic	-27,049	-0,496	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
33	0	STLM71	LinStatic	2,664	20,162	0	0	0
33	0,25	STLM71	LinStatic	2,664	16,609	0	0	0
33	0,5	STLM71	LinStatic	2,664	13,057	0	0	0
33	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
33	0,25	AVVLM71	LinStatic	9,897	8,858	0	0	0
33	0,5	AVVLM71	LinStatic	9,897	8,858	0	0	0
33	0	SW2	LinStatic	-27,049	-0,496	0	0	0
33	0,25	SW2	LinStatic	-27,049	-0,496	0	0	0
33	0,5	SW2	LinStatic	-27,049	-0,496	0	0	0
33	0	STSW2	LinStatic	2,664	20,162	0	0	0
33	0,25	STSW2	LinStatic	2,664	16,609	0	0	0
33	0,5	STSW2	LinStatic	2,664	13,057	0	0	0
33	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
33	0,25	FRENSW2	LinStatic	10,494	9,393	0	0	0
33	0,5	FRENSW2	LinStatic	10,494	9,393	0	0	0
33	0	SERP	LinStatic	0	0	0	0	0
33	0,25	SERP	LinStatic	0	0	0	0	0
33	0,5	SERP	LinStatic	0	0	0	0	0
33	0	INCRTER	LinStatic	16,202	122,603	0	0	0
33	0,25	INCRTER	LinStatic	16,202	101,001	0	0	0
33	0,5	INCRTER	LinStatic	16,202	79,398	0	0	0
33	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
33	0,25	LM71SISO	LinStatic	1,996	1,787	0	0	0
33	0,5	LM71SISO	LinStatic	1,996	1,787	0	0	0
33	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
33	0,25	SW2SISO	LinStatic	2,988	2,675	0	0	0
33	0,5	SW2SISO	LinStatic	2,988	2,675	0	0	0
33	0	SISMAO	LinStatic	5,239	8,05	0	0	0
33	0,25	SISMAO	LinStatic	5,239	7,357	0	0	0
33	0,5	SISMAO	LinStatic	5,239	6,665	0	0	0
33	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
33	0,25	LM71SVA	LinStatic	0,561	0,01	0	0	0
33	0,5	LM71SVA	LinStatic	0,561	0,01	0	0	0
33	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
33	0,25	SW2SVA	LinStatic	0,839	0,015	0	0	0
33	0,5	SW2SVA	LinStatic	0,839	0,015	0	0	0
33	0	SISMAVA	LinStatic	28,378	-0,067	0	0	0
33	0,25	SISMAVA	LinStatic	27,991	-0,067	0	0	0
33	0,5	SISMAVA	LinStatic	27,603	-0,067	0	0	0
33	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
33	0,25	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
33	0,5	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
33	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
33	0,25	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
33	0,5	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
33	0	SISMAVB	LinStatic	-28,378	0,067	0	0	0
33	0,25	SISMAVB	LinStatic	-27,991	0,067	0	0	0
33	0,5	SISMAVB	LinStatic	-27,603	0,067	0	0	0
33	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
33	0,25	LM71SX	LinStatic	-29,555	-0,617	0	0	0
33	0,5	LM71SX	LinStatic	-29,555	-0,617	0	0	0
33	0	LM71DX	LinStatic	2,506	0,121	0	0	0
33	0,25	LM71DX	LinStatic	2,506	0,121	0	0	0
33	0,5	LM71DX	LinStatic	2,506	0,121	0	0	0
34	0	PP	LinStatic	-38,494	-1,286E-11	0	0	0
34	0,25	PP	LinStatic	-40,368	-1,286E-11	0	0	0
34	0,5	PP	LinStatic	-42,243	-1,286E-11	0	0	0
34	0	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
34	0,25	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
34	0,5	REINTSUP	LinStatic	-388,659	-6,101E-11	0	0	0
34	0	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
34	0,25	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
34	0,5	BALLAST	LinStatic	-25,165	-4,005E-12	0	0	0
34	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
34	0,25	STERRASX	LinStatic	35,184	-38,499	0	0	0
34	0,5	STERRASX	LinStatic	35,184	-38,499	0	0	0
34	0	STERRADX	LinStatic	35,184	38,499	0	0	0
34	0,25	STERRADX	LinStatic	35,184	38,499	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
34	0,5	STERRADX	LinStatic	35,184	38,499	0	0	0
34	0	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
34	0,25	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
34	0,5	TERMP	LinStatic	1,563	-8,333E-13	0	0	0
34	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
34	0,25	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
34	0,5	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
34	0	GRADTP	LinStatic	15,681	-3E-15	0	0	0
34	0,25	GRADTP	LinStatic	15,681	-3E-15	0	0	0
34	0,5	GRADTP	LinStatic	15,681	-3E-15	0	0	0
34	0	GRADTN	LinStatic	-15,681	3E-15	0	0	0
34	0,25	GRADTN	LinStatic	-15,681	3E-15	0	0	0
34	0,5	GRADTN	LinStatic	-15,681	3E-15	0	0	0
34	0	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
34	0,25	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
34	0,5	LM71C	LinStatic	-69,903	-1,112E-11	0	0	0
34	0	STLM71	LinStatic	4,563	-5,169	0	0	0
34	0,25	STLM71	LinStatic	4,563	-5,169	0	0	0
34	0,5	STLM71	LinStatic	4,563	-5,169	0	0	0
34	0	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
34	0,25	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
34	0,5	AVVLM71	LinStatic	-1,012E-10	-7,952	0	0	0
34	0	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
34	0,25	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
34	0,5	SW2	LinStatic	-69,903	-1,114E-11	0	0	0
34	0	STSW2	LinStatic	4,563	-5,169	0	0	0
34	0,25	STSW2	LinStatic	4,563	-5,169	0	0	0
34	0,5	STSW2	LinStatic	4,563	-5,169	0	0	0
34	0	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
34	0,25	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
34	0,5	FRENSW2	LinStatic	-1,08E-10	-8,432	0	0	0
34	0	SERP	LinStatic	0	0	0	0	0
34	0,25	SERP	LinStatic	0	0	0	0	0
34	0,5	SERP	LinStatic	0	0	0	0	0
34	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
34	0,25	INCRTER	LinStatic	27,749	-31,431	0	0	0
34	0,5	INCRTER	LinStatic	27,749	-31,431	0	0	0
34	0	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
34	0,25	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
34	0,5	LM71SISO	LinStatic	-2,012E-11	-1,604	0	0	0
34	0	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
34	0,25	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
34	0,5	SW2SISO	LinStatic	-3,042E-11	-2,401	0	0	0
34	0	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
34	0,25	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
34	0,5	SISMAO	LinStatic	-5,824E-11	-4,675	0	0	0
34	0	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0
34	0,25	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0
34	0,5	LM71SVA	LinStatic	1,45	2,258E-13	0	0	0
34	0	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
34	0,25	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
34	0,5	SW2SVA	LinStatic	2,167	3,522E-13	0	0	0
34	0	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
34	0,25	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
34	0,5	SISMAVA	LinStatic	68,639	1,201E-11	0	0	0
34	0	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
34	0,25	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
34	0,5	LM71SVB	LinStatic	-1,45	-2,258E-13	0	0	0
34	0	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
34	0,25	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
34	0,5	SW2SVB	LinStatic	-2,167	-3,522E-13	0	0	0
34	0	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
34	0,25	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
34	0,5	SISMAVB	LinStatic	-68,639	-1,201E-11	0	0	0
34	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
34	0,25	LM71SX	LinStatic	-34,951	-0,738	0	0	0
34	0,5	LM71SX	LinStatic	-34,951	-0,738	0	0	0
34	0	LM71DX	LinStatic	-34,951	0,738	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
34	0,25	LM71DX	LinStatic	-34,951	0,738	0	0	0
34	0,5	LM71DX	LinStatic	-34,951	0,738	0	0	0
35	0	PP	LinStatic	-24,615	-2,667	0	0	0
35	0,25	PP	LinStatic	-22,116	-2,667	0	0	0
35	0,5	PP	LinStatic	-19,617	-2,667	0	0	0
35	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
35	0,25	REINTSUP	LinStatic	-150,391	2,755	0	0	0
35	0,5	REINTSUP	LinStatic	-150,391	2,755	0	0	0
35	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
35	0,25	BALLAST	LinStatic	-9,738	0,178	0	0	0
35	0,5	BALLAST	LinStatic	-9,738	0,178	0	0	0
35	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
35	0,25	STERRASX	LinStatic	-54,133	44,272	0	0	0
35	0,5	STERRASX	LinStatic	-54,133	44,272	0	0	0
35	0	STERRADX	LinStatic	18,949	-156,265	0	0	0
35	0,25	STERRADX	LinStatic	18,949	-127,023	0	0	0
35	0,5	STERRADX	LinStatic	18,949	-98,314	0	0	0
35	0	TERMP	LinStatic	-0,782	2,999	0	0	0
35	0,25	TERMP	LinStatic	-0,782	2,999	0	0	0
35	0,5	TERMP	LinStatic	-0,782	2,999	0	0	0
35	0	TERMN	LinStatic	2,345	-8,998	0	0	0
35	0,25	TERMN	LinStatic	2,345	-8,998	0	0	0
35	0,5	TERMN	LinStatic	2,345	-8,998	0	0	0
35	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
35	0,25	GRADTP	LinStatic	-7,84	-6,958	0	0	0
35	0,5	GRADTP	LinStatic	-7,84	-6,958	0	0	0
35	0	GRADTN	LinStatic	7,84	6,958	0	0	0
35	0,25	GRADTN	LinStatic	7,84	6,958	0	0	0
35	0,5	GRADTN	LinStatic	7,84	6,958	0	0	0
35	0	LM71C	LinStatic	-27,049	0,496	0	0	0
35	0,25	LM71C	LinStatic	-27,049	0,496	0	0	0
35	0,5	LM71C	LinStatic	-27,049	0,496	0	0	0
35	0	STLM71	LinStatic	-7,228	5,931	0	0	0
35	0,25	STLM71	LinStatic	-7,228	5,931	0	0	0
35	0,5	STLM71	LinStatic	-7,228	5,931	0	0	0
35	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
35	0,25	AVVLM71	LinStatic	-9,897	8,858	0	0	0
35	0,5	AVVLM71	LinStatic	-9,897	8,858	0	0	0
35	0	SW2	LinStatic	-27,049	0,496	0	0	0
35	0,25	SW2	LinStatic	-27,049	0,496	0	0	0
35	0,5	SW2	LinStatic	-27,049	0,496	0	0	0
35	0	STSW2	LinStatic	-7,228	5,931	0	0	0
35	0,25	STSW2	LinStatic	-7,228	5,931	0	0	0
35	0,5	STSW2	LinStatic	-7,228	5,931	0	0	0
35	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
35	0,25	FRENSW2	LinStatic	-10,494	9,393	0	0	0
35	0,5	FRENSW2	LinStatic	-10,494	9,393	0	0	0
35	0	SERP	LinStatic	0	0	0	0	0
35	0,25	SERP	LinStatic	0	0	0	0	0
35	0,5	SERP	LinStatic	0	0	0	0	0
35	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
35	0,25	INCRTER	LinStatic	-43,951	36,068	0	0	0
35	0,5	INCRTER	LinStatic	-43,951	36,068	0	0	0
35	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
35	0,25	LM71SISO	LinStatic	-1,996	1,787	0	0	0
35	0,5	LM71SISO	LinStatic	-1,996	1,787	0	0	0
35	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
35	0,25	SW2SISO	LinStatic	-2,988	2,675	0	0	0
35	0,5	SW2SISO	LinStatic	-2,988	2,675	0	0	0
35	0	SISMAO	LinStatic	-5,239	8,05	0	0	0
35	0,25	SISMAO	LinStatic	-5,239	7,357	0	0	0
35	0,5	SISMAO	LinStatic	-5,239	6,665	0	0	0
35	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
35	0,25	LM71SVA	LinStatic	0,561	-0,01	0	0	0
35	0,5	LM71SVA	LinStatic	0,561	-0,01	0	0	0
35	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
35	0,25	SW2SVA	LinStatic	0,839	-0,015	0	0	0
35	0,5	SW2SVA	LinStatic	0,839	-0,015	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
35	0	SISMAVA	LinStatic	28,378	0,067	0	0	0
35	0,25	SISMAVA	LinStatic	27,991	0,067	0	0	0
35	0,5	SISMAVA	LinStatic	27,603	0,067	0	0	0
35	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
35	0,25	LM71SVB	LinStatic	-0,561	0,01	0	0	0
35	0,5	LM71SVB	LinStatic	-0,561	0,01	0	0	0
35	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
35	0,25	SW2SVB	LinStatic	-0,839	0,015	0	0	0
35	0,5	SW2SVB	LinStatic	-0,839	0,015	0	0	0
35	0	SISMAVB	LinStatic	-28,378	-0,067	0	0	0
35	0,25	SISMAVB	LinStatic	-27,991	-0,067	0	0	0
35	0,5	SISMAVB	LinStatic	-27,603	-0,067	0	0	0
35	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
35	0,25	LM71SX	LinStatic	2,506	-0,121	0	0	0
35	0,5	LM71SX	LinStatic	2,506	-0,121	0	0	0
35	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
35	0,25	LM71DX	LinStatic	-29,555	0,617	0	0	0
35	0,5	LM71DX	LinStatic	-29,555	0,617	0	0	0
36	0	PP	LinStatic	-19,617	2,667	0	0	0
36	0,25	PP	LinStatic	-17,117	2,667	0	0	0
36	0,5	PP	LinStatic	-14,618	2,667	0	0	0
36	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
36	0,25	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
36	0,5	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
36	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
36	0,25	BALLAST	LinStatic	-9,738	-0,178	0	0	0
36	0,5	BALLAST	LinStatic	-9,738	-0,178	0	0	0
36	0	STERRASX	LinStatic	18,949	98,314	0	0	0
36	0,25	STERRASX	LinStatic	18,949	70,138	0	0	0
36	0,5	STERRASX	LinStatic	18,949	42,495	0	0	0
36	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
36	0,25	STERRADX	LinStatic	-54,133	-44,272	0	0	0
36	0,5	STERRADX	LinStatic	-54,133	-44,272	0	0	0
36	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
36	0,25	TERMP	LinStatic	-0,782	-2,999	0	0	0
36	0,5	TERMP	LinStatic	-0,782	-2,999	0	0	0
36	0	TERMN	LinStatic	2,345	8,998	0	0	0
36	0,25	TERMN	LinStatic	2,345	8,998	0	0	0
36	0,5	TERMN	LinStatic	2,345	8,998	0	0	0
36	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
36	0,25	GRADTP	LinStatic	-7,84	6,958	0	0	0
36	0,5	GRADTP	LinStatic	-7,84	6,958	0	0	0
36	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
36	0,25	GRADTN	LinStatic	7,84	-6,958	0	0	0
36	0,5	GRADTN	LinStatic	7,84	-6,958	0	0	0
36	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
36	0,25	LM71C	LinStatic	-27,049	-0,496	0	0	0
36	0,5	LM71C	LinStatic	-27,049	-0,496	0	0	0
36	0	STLM71	LinStatic	2,664	13,057	0	0	0
36	0,25	STLM71	LinStatic	2,664	9,504	0	0	0
36	0,5	STLM71	LinStatic	2,664	5,952	0	0	0
36	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
36	0,25	AVVLM71	LinStatic	9,897	8,858	0	0	0
36	0,5	AVVLM71	LinStatic	9,897	8,858	0	0	0
36	0	SW2	LinStatic	-27,049	-0,496	0	0	0
36	0,25	SW2	LinStatic	-27,049	-0,496	0	0	0
36	0,5	SW2	LinStatic	-27,049	-0,496	0	0	0
36	0	STSW2	LinStatic	2,664	13,057	0	0	0
36	0,25	STSW2	LinStatic	2,664	9,504	0	0	0
36	0,5	STSW2	LinStatic	2,664	5,952	0	0	0
36	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
36	0,25	FRENSW2	LinStatic	10,494	9,393	0	0	0
36	0,5	FRENSW2	LinStatic	10,494	9,393	0	0	0
36	0	SERP	LinStatic	0	0	0	0	0
36	0,25	SERP	LinStatic	0	0	0	0	0
36	0,5	SERP	LinStatic	0	0	0	0	0
36	0	INCRTER	LinStatic	16,202	79,398	0	0	0
36	0,25	INCRTER	LinStatic	16,202	57,796	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
36	0,5	INCRTER	LinStatic	16,202	36,193	0	0	0
36	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
36	0,25	LM71SISO	LinStatic	1,996	1,787	0	0	0
36	0,5	LM71SISO	LinStatic	1,996	1,787	0	0	0
36	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
36	0,25	SW2SISO	LinStatic	2,988	2,675	0	0	0
36	0,5	SW2SISO	LinStatic	2,988	2,675	0	0	0
36	0	SISMAO	LinStatic	5,239	6,665	0	0	0
36	0,25	SISMAO	LinStatic	5,239	5,972	0	0	0
36	0,5	SISMAO	LinStatic	5,239	5,28	0	0	0
36	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
36	0,25	LM71SVA	LinStatic	0,561	0,01	0	0	0
36	0,5	LM71SVA	LinStatic	0,561	0,01	0	0	0
36	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
36	0,25	SW2SVA	LinStatic	0,839	0,015	0	0	0
36	0,5	SW2SVA	LinStatic	0,839	0,015	0	0	0
36	0	SISMAVA	LinStatic	27,603	-0,067	0	0	0
36	0,25	SISMAVA	LinStatic	27,216	-0,067	0	0	0
36	0,5	SISMAVA	LinStatic	26,828	-0,067	0	0	0
36	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
36	0,25	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
36	0,5	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
36	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
36	0,25	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
36	0,5	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
36	0	SISMAVB	LinStatic	-27,603	0,067	0	0	0
36	0,25	SISMAVB	LinStatic	-27,216	0,067	0	0	0
36	0,5	SISMAVB	LinStatic	-26,828	0,067	0	0	0
36	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
36	0,25	LM71SX	LinStatic	-29,555	-0,617	0	0	0
36	0,5	LM71SX	LinStatic	-29,555	-0,617	0	0	0
36	0	LM71DX	LinStatic	2,506	0,121	0	0	0
36	0,25	LM71DX	LinStatic	2,506	0,121	0	0	0
36	0,5	LM71DX	LinStatic	2,506	0,121	0	0	0
37	0	PP	LinStatic	-34,745	-1,183E-11	0	0	0
37	0,25	PP	LinStatic	-36,619	-1,183E-11	0	0	0
37	0,5	PP	LinStatic	-38,494	-1,183E-11	0	0	0
37	0	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
37	0,25	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
37	0,5	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
37	0	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
37	0,25	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
37	0,5	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
37	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
37	0,25	STERRASX	LinStatic	35,184	-38,499	0	0	0
37	0,5	STERRASX	LinStatic	35,184	-38,499	0	0	0
37	0	STERRADX	LinStatic	35,184	38,499	0	0	0
37	0,25	STERRADX	LinStatic	35,184	38,499	0	0	0
37	0,5	STERRADX	LinStatic	35,184	38,499	0	0	0
37	0	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
37	0,25	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
37	0,5	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
37	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
37	0,25	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
37	0,5	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
37	0	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
37	0,25	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
37	0,5	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
37	0	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
37	0,25	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
37	0,5	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
37	0	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
37	0,25	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
37	0,5	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
37	0	STLM71	LinStatic	4,563	-5,169	0	0	0
37	0,25	STLM71	LinStatic	4,563	-5,169	0	0	0
37	0,5	STLM71	LinStatic	4,563	-5,169	0	0	0
37	0	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
37	0,25	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
37	0,5	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
37	0	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
37	0,25	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
37	0,5	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
37	0	STSW2	LinStatic	4,563	-5,169	0	0	0
37	0,25	STSW2	LinStatic	4,563	-5,169	0	0	0
37	0,5	STSW2	LinStatic	4,563	-5,169	0	0	0
37	0	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
37	0,25	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
37	0,5	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
37	0	SERP	LinStatic	0	0	0	0	0
37	0,25	SERP	LinStatic	0	0	0	0	0
37	0,5	SERP	LinStatic	0	0	0	0	0
37	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
37	0,25	INCRTER	LinStatic	27,749	-31,431	0	0	0
37	0,5	INCRTER	LinStatic	27,749	-31,431	0	0	0
37	0	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
37	0,25	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
37	0,5	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
37	0	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
37	0,25	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
37	0,5	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
37	0	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
37	0,25	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
37	0,5	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
37	0	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
37	0,25	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
37	0,5	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
37	0	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
37	0,25	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
37	0,5	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
37	0	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
37	0,25	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
37	0,5	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
37	0	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
37	0,25	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
37	0,5	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
37	0	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
37	0,25	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
37	0,5	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
37	0	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
37	0,25	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
37	0,5	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
37	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
37	0,25	LM71SX	LinStatic	-34,951	-0,738	0	0	0
37	0,5	LM71SX	LinStatic	-34,951	-0,738	0	0	0
37	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
37	0,25	LM71DX	LinStatic	-34,951	0,738	0	0	0
37	0,5	LM71DX	LinStatic	-34,951	0,738	0	0	0
38	0	PP	LinStatic	-19,617	-2,667	0	0	0
38	0,25	PP	LinStatic	-17,117	-2,667	0	0	0
38	0,5	PP	LinStatic	-14,618	-2,667	0	0	0
38	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
38	0,25	REINTSUP	LinStatic	-150,391	2,755	0	0	0
38	0,5	REINTSUP	LinStatic	-150,391	2,755	0	0	0
38	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
38	0,25	BALLAST	LinStatic	-9,738	0,178	0	0	0
38	0,5	BALLAST	LinStatic	-9,738	0,178	0	0	0
38	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
38	0,25	STERRASX	LinStatic	-54,133	44,272	0	0	0
38	0,5	STERRASX	LinStatic	-54,133	44,272	0	0	0
38	0	STERRADX	LinStatic	18,949	-98,314	0	0	0
38	0,25	STERRADX	LinStatic	18,949	-70,138	0	0	0
38	0,5	STERRADX	LinStatic	18,949	-42,495	0	0	0
38	0	TERMP	LinStatic	-0,782	2,999	0	0	0
38	0,25	TERMP	LinStatic	-0,782	2,999	0	0	0
38	0,5	TERMP	LinStatic	-0,782	2,999	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
38	0	TERMN	LinStatic	2,345	-8,998	0	0	0
38	0,25	TERMN	LinStatic	2,345	-8,998	0	0	0
38	0,5	TERMN	LinStatic	2,345	-8,998	0	0	0
38	0	GRADTF	LinStatic	-7,84	-6,958	0	0	0
38	0,25	GRADTF	LinStatic	-7,84	-6,958	0	0	0
38	0,5	GRADTF	LinStatic	-7,84	-6,958	0	0	0
38	0	GRADTN	LinStatic	7,84	6,958	0	0	0
38	0,25	GRADTN	LinStatic	7,84	6,958	0	0	0
38	0,5	GRADTN	LinStatic	7,84	6,958	0	0	0
38	0	LM71C	LinStatic	-27,049	0,496	0	0	0
38	0,25	LM71C	LinStatic	-27,049	0,496	0	0	0
38	0,5	LM71C	LinStatic	-27,049	0,496	0	0	0
38	0	STLM71	LinStatic	-7,228	5,931	0	0	0
38	0,25	STLM71	LinStatic	-7,228	5,931	0	0	0
38	0,5	STLM71	LinStatic	-7,228	5,931	0	0	0
38	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
38	0,25	AVVLM71	LinStatic	-9,897	8,858	0	0	0
38	0,5	AVVLM71	LinStatic	-9,897	8,858	0	0	0
38	0	SW2	LinStatic	-27,049	0,496	0	0	0
38	0,25	SW2	LinStatic	-27,049	0,496	0	0	0
38	0,5	SW2	LinStatic	-27,049	0,496	0	0	0
38	0	STSW2	LinStatic	-7,228	5,931	0	0	0
38	0,25	STSW2	LinStatic	-7,228	5,931	0	0	0
38	0,5	STSW2	LinStatic	-7,228	5,931	0	0	0
38	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
38	0,25	FRENSW2	LinStatic	-10,494	9,393	0	0	0
38	0,5	FRENSW2	LinStatic	-10,494	9,393	0	0	0
38	0	SERP	LinStatic	0	0	0	0	0
38	0,25	SERP	LinStatic	0	0	0	0	0
38	0,5	SERP	LinStatic	0	0	0	0	0
38	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
38	0,25	INCRTER	LinStatic	-43,951	36,068	0	0	0
38	0,5	INCRTER	LinStatic	-43,951	36,068	0	0	0
38	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
38	0,25	LM71SISO	LinStatic	-1,996	1,787	0	0	0
38	0,5	LM71SISO	LinStatic	-1,996	1,787	0	0	0
38	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
38	0,25	SW2SISO	LinStatic	-2,988	2,675	0	0	0
38	0,5	SW2SISO	LinStatic	-2,988	2,675	0	0	0
38	0	SISMAO	LinStatic	-5,239	6,665	0	0	0
38	0,25	SISMAO	LinStatic	-5,239	5,972	0	0	0
38	0,5	SISMAO	LinStatic	-5,239	5,28	0	0	0
38	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
38	0,25	LM71SVA	LinStatic	0,561	-0,01	0	0	0
38	0,5	LM71SVA	LinStatic	0,561	-0,01	0	0	0
38	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
38	0,25	SW2SVA	LinStatic	0,839	-0,015	0	0	0
38	0,5	SW2SVA	LinStatic	0,839	-0,015	0	0	0
38	0	SISMAVA	LinStatic	27,603	0,067	0	0	0
38	0,25	SISMAVA	LinStatic	27,216	0,067	0	0	0
38	0,5	SISMAVA	LinStatic	26,828	0,067	0	0	0
38	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
38	0,25	LM71SVB	LinStatic	-0,561	0,01	0	0	0
38	0,5	LM71SVB	LinStatic	-0,561	0,01	0	0	0
38	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
38	0,25	SW2SVB	LinStatic	-0,839	0,015	0	0	0
38	0,5	SW2SVB	LinStatic	-0,839	0,015	0	0	0
38	0	SISMAVB	LinStatic	-27,603	-0,067	0	0	0
38	0,25	SISMAVB	LinStatic	-27,216	-0,067	0	0	0
38	0,5	SISMAVB	LinStatic	-26,828	-0,067	0	0	0
38	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
38	0,25	LM71SX	LinStatic	2,506	-0,121	0	0	0
38	0,5	LM71SX	LinStatic	2,506	-0,121	0	0	0
38	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
38	0,25	LM71DX	LinStatic	-29,555	0,617	0	0	0
38	0,5	LM71DX	LinStatic	-29,555	0,617	0	0	0
39	0	PP	LinStatic	-14,618	2,667	0	0	0
39	0,25	PP	LinStatic	-12,119	2,667	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
39	0,5	PP	LinStatic	-9,62	2,667	0	0	0
39	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
39	0,25	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
39	0,5	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
39	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
39	0,25	BALLAST	LinStatic	-9,738	-0,178	0	0	0
39	0,5	BALLAST	LinStatic	-9,738	-0,178	0	0	0
39	0	STERRASX	LinStatic	18,949	42,495	0	0	0
39	0,25	STERRASX	LinStatic	18,949	15,385	0	0	0
39	0,5	STERRASX	LinStatic	18,949	-11,192	0	0	0
39	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
39	0,25	STERRADX	LinStatic	-54,133	-44,272	0	0	0
39	0,5	STERRADX	LinStatic	-54,133	-44,272	0	0	0
39	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
39	0,25	TERMP	LinStatic	-0,782	-2,999	0	0	0
39	0,5	TERMP	LinStatic	-0,782	-2,999	0	0	0
39	0	TERMN	LinStatic	2,345	8,998	0	0	0
39	0,25	TERMN	LinStatic	2,345	8,998	0	0	0
39	0,5	TERMN	LinStatic	2,345	8,998	0	0	0
39	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
39	0,25	GRADTP	LinStatic	-7,84	6,958	0	0	0
39	0,5	GRADTP	LinStatic	-7,84	6,958	0	0	0
39	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
39	0,25	GRADTN	LinStatic	7,84	-6,958	0	0	0
39	0,5	GRADTN	LinStatic	7,84	-6,958	0	0	0
39	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
39	0,25	LM71C	LinStatic	-27,049	-0,496	0	0	0
39	0,5	LM71C	LinStatic	-27,049	-0,496	0	0	0
39	0	STLM71	LinStatic	2,664	5,952	0	0	0
39	0,25	STLM71	LinStatic	2,664	2,399	0	0	0
39	0,5	STLM71	LinStatic	2,664	-1,153	0	0	0
39	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
39	0,25	AVVLM71	LinStatic	9,897	8,858	0	0	0
39	0,5	AVVLM71	LinStatic	9,897	8,858	0	0	0
39	0	SW2	LinStatic	-27,049	-0,496	0	0	0
39	0,25	SW2	LinStatic	-27,049	-0,496	0	0	0
39	0,5	SW2	LinStatic	-27,049	-0,496	0	0	0
39	0	STSW2	LinStatic	2,664	5,952	0	0	0
39	0,25	STSW2	LinStatic	2,664	2,399	0	0	0
39	0,5	STSW2	LinStatic	2,664	-1,153	0	0	0
39	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
39	0,25	FRENSW2	LinStatic	10,494	9,393	0	0	0
39	0,5	FRENSW2	LinStatic	10,494	9,393	0	0	0
39	0	SERP	LinStatic	0	0	0	0	0
39	0,25	SERP	LinStatic	0	0	0	0	0
39	0,5	SERP	LinStatic	0	0	0	0	0
39	0	INCRTER	LinStatic	16,202	36,193	0	0	0
39	0,25	INCRTER	LinStatic	16,202	14,591	0	0	0
39	0,5	INCRTER	LinStatic	16,202	-7,012	0	0	0
39	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
39	0,25	LM71SISO	LinStatic	1,996	1,787	0	0	0
39	0,5	LM71SISO	LinStatic	1,996	1,787	0	0	0
39	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
39	0,25	SW2SISO	LinStatic	2,988	2,675	0	0	0
39	0,5	SW2SISO	LinStatic	2,988	2,675	0	0	0
39	0	SISMAO	LinStatic	5,239	5,28	0	0	0
39	0,25	SISMAO	LinStatic	5,239	4,587	0	0	0
39	0,5	SISMAO	LinStatic	5,239	3,895	0	0	0
39	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
39	0,25	LM71SVA	LinStatic	0,561	0,01	0	0	0
39	0,5	LM71SVA	LinStatic	0,561	0,01	0	0	0
39	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
39	0,25	SW2SVA	LinStatic	0,839	0,015	0	0	0
39	0,5	SW2SVA	LinStatic	0,839	0,015	0	0	0
39	0	SISMAVA	LinStatic	26,828	-0,067	0	0	0
39	0,25	SISMAVA	LinStatic	26,441	-0,067	0	0	0
39	0,5	SISMAVA	LinStatic	26,053	-0,067	0	0	0
39	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
39	0,25	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
39	0,5	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
39	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
39	0,25	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
39	0,5	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
39	0	SISMAVB	LinStatic	-26,828	0,067	0	0	0
39	0,25	SISMAVB	LinStatic	-26,441	0,067	0	0	0
39	0,5	SISMAVB	LinStatic	-26,053	0,067	0	0	0
39	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
39	0,25	LM71SX	LinStatic	-29,555	-0,617	0	0	0
39	0,5	LM71SX	LinStatic	-29,555	-0,617	0	0	0
39	0	LM71DX	LinStatic	2,506	0,121	0	0	0
39	0,25	LM71DX	LinStatic	2,506	0,121	0	0	0
39	0,5	LM71DX	LinStatic	2,506	0,121	0	0	0
40	0	PP	LinStatic	-30,996	-1,183E-11	0	0	0
40	0,25	PP	LinStatic	-32,87	-1,183E-11	0	0	0
40	0,5	PP	LinStatic	-34,745	-1,183E-11	0	0	0
40	0	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
40	0,25	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
40	0,5	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
40	0	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
40	0,25	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
40	0,5	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
40	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
40	0,25	STERRASX	LinStatic	35,184	-38,499	0	0	0
40	0,5	STERRASX	LinStatic	35,184	-38,499	0	0	0
40	0	STERRADX	LinStatic	35,184	38,499	0	0	0
40	0,25	STERRADX	LinStatic	35,184	38,499	0	0	0
40	0,5	STERRADX	LinStatic	35,184	38,499	0	0	0
40	0	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
40	0,25	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
40	0,5	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
40	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
40	0,25	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
40	0,5	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
40	0	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
40	0,25	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
40	0,5	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
40	0	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
40	0,25	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
40	0,5	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
40	0	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
40	0,25	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
40	0,5	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
40	0	STLM71	LinStatic	4,563	-5,169	0	0	0
40	0,25	STLM71	LinStatic	4,563	-5,169	0	0	0
40	0,5	STLM71	LinStatic	4,563	-5,169	0	0	0
40	0	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
40	0,25	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
40	0,5	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
40	0	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
40	0,25	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
40	0,5	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
40	0	STSW2	LinStatic	4,563	-5,169	0	0	0
40	0,25	STSW2	LinStatic	4,563	-5,169	0	0	0
40	0,5	STSW2	LinStatic	4,563	-5,169	0	0	0
40	0	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
40	0,25	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
40	0,5	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
40	0	SERP	LinStatic	0	0	0	0	0
40	0,25	SERP	LinStatic	0	0	0	0	0
40	0,5	SERP	LinStatic	0	0	0	0	0
40	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
40	0,25	INCRTER	LinStatic	27,749	-31,431	0	0	0
40	0,5	INCRTER	LinStatic	27,749	-31,431	0	0	0
40	0	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
40	0,25	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
40	0,5	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
40	0	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
40	0,25	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
40	0,5	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
40	0	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
40	0,25	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
40	0,5	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
40	0	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
40	0,25	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
40	0,5	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
40	0	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
40	0,25	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
40	0,5	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
40	0	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
40	0,25	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
40	0,5	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
40	0	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
40	0,25	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
40	0,5	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
40	0	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
40	0,25	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
40	0,5	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
40	0	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
40	0,25	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
40	0,5	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
40	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
40	0,25	LM71SX	LinStatic	-34,951	-0,738	0	0	0
40	0,5	LM71SX	LinStatic	-34,951	-0,738	0	0	0
40	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
40	0,25	LM71DX	LinStatic	-34,951	0,738	0	0	0
40	0,5	LM71DX	LinStatic	-34,951	0,738	0	0	0
41	0	PP	LinStatic	-14,618	-2,667	0	0	0
41	0,25	PP	LinStatic	-12,119	-2,667	0	0	0
41	0,5	PP	LinStatic	-9,62	-2,667	0	0	0
41	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
41	0,25	REINTSUP	LinStatic	-150,391	2,755	0	0	0
41	0,5	REINTSUP	LinStatic	-150,391	2,755	0	0	0
41	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
41	0,25	BALLAST	LinStatic	-9,738	0,178	0	0	0
41	0,5	BALLAST	LinStatic	-9,738	0,178	0	0	0
41	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
41	0,25	STERRASX	LinStatic	-54,133	44,272	0	0	0
41	0,5	STERRASX	LinStatic	-54,133	44,272	0	0	0
41	0	STERRADX	LinStatic	18,949	-42,495	0	0	0
41	0,25	STERRADX	LinStatic	18,949	-15,385	0	0	0
41	0,5	STERRADX	LinStatic	18,949	11,192	0	0	0
41	0	TERMP	LinStatic	-0,782	2,999	0	0	0
41	0,25	TERMP	LinStatic	-0,782	2,999	0	0	0
41	0,5	TERMP	LinStatic	-0,782	2,999	0	0	0
41	0	TERMN	LinStatic	2,345	-8,998	0	0	0
41	0,25	TERMN	LinStatic	2,345	-8,998	0	0	0
41	0,5	TERMN	LinStatic	2,345	-8,998	0	0	0
41	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
41	0,25	GRADTP	LinStatic	-7,84	-6,958	0	0	0
41	0,5	GRADTP	LinStatic	-7,84	-6,958	0	0	0
41	0	GRADTN	LinStatic	7,84	6,958	0	0	0
41	0,25	GRADTN	LinStatic	7,84	6,958	0	0	0
41	0,5	GRADTN	LinStatic	7,84	6,958	0	0	0
41	0	LM71C	LinStatic	-27,049	0,496	0	0	0
41	0,25	LM71C	LinStatic	-27,049	0,496	0	0	0
41	0,5	LM71C	LinStatic	-27,049	0,496	0	0	0
41	0	STLM71	LinStatic	-7,228	5,931	0	0	0
41	0,25	STLM71	LinStatic	-7,228	5,931	0	0	0
41	0,5	STLM71	LinStatic	-7,228	5,931	0	0	0
41	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
41	0,25	AVVLM71	LinStatic	-9,897	8,858	0	0	0
41	0,5	AVVLM71	LinStatic	-9,897	8,858	0	0	0
41	0	SW2	LinStatic	-27,049	0,496	0	0	0
41	0,25	SW2	LinStatic	-27,049	0,496	0	0	0

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41	0,5	SW2	LinStatic	-27,049	0,496	0	0	0
41	0	STSW2	LinStatic	-7,228	5,931	0	0	0
41	0,25	STSW2	LinStatic	-7,228	5,931	0	0	0
41	0,5	STSW2	LinStatic	-7,228	5,931	0	0	0
41	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
41	0,25	FRENSW2	LinStatic	-10,494	9,393	0	0	0
41	0,5	FRENSW2	LinStatic	-10,494	9,393	0	0	0
41	0	SERP	LinStatic	0	0	0	0	0
41	0,25	SERP	LinStatic	0	0	0	0	0
41	0,5	SERP	LinStatic	0	0	0	0	0
41	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
41	0,25	INCRTER	LinStatic	-43,951	36,068	0	0	0
41	0,5	INCRTER	LinStatic	-43,951	36,068	0	0	0
41	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
41	0,25	LM71SISO	LinStatic	-1,996	1,787	0	0	0
41	0,5	LM71SISO	LinStatic	-1,996	1,787	0	0	0
41	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
41	0,25	SW2SISO	LinStatic	-2,988	2,675	0	0	0
41	0,5	SW2SISO	LinStatic	-2,988	2,675	0	0	0
41	0	SISMAO	LinStatic	-5,239	5,28	0	0	0
41	0,25	SISMAO	LinStatic	-5,239	4,587	0	0	0
41	0,5	SISMAO	LinStatic	-5,239	3,895	0	0	0
41	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
41	0,25	LM71SVA	LinStatic	0,561	-0,01	0	0	0
41	0,5	LM71SVA	LinStatic	0,561	-0,01	0	0	0
41	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
41	0,25	SW2SVA	LinStatic	0,839	-0,015	0	0	0
41	0,5	SW2SVA	LinStatic	0,839	-0,015	0	0	0
41	0	SISMAVA	LinStatic	26,828	0,067	0	0	0
41	0,25	SISMAVA	LinStatic	26,441	0,067	0	0	0
41	0,5	SISMAVA	LinStatic	26,053	0,067	0	0	0
41	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
41	0,25	LM71SVB	LinStatic	-0,561	0,01	0	0	0
41	0,5	LM71SVB	LinStatic	-0,561	0,01	0	0	0
41	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
41	0,25	SW2SVB	LinStatic	-0,839	0,015	0	0	0
41	0,5	SW2SVB	LinStatic	-0,839	0,015	0	0	0
41	0	SISMAVB	LinStatic	-26,828	-0,067	0	0	0
41	0,25	SISMAVB	LinStatic	-26,441	-0,067	0	0	0
41	0,5	SISMAVB	LinStatic	-26,053	-0,067	0	0	0
41	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
41	0,25	LM71SX	LinStatic	2,506	-0,121	0	0	0
41	0,5	LM71SX	LinStatic	2,506	-0,121	0	0	0
41	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
41	0,25	LM71DX	LinStatic	-29,555	0,617	0	0	0
41	0,5	LM71DX	LinStatic	-29,555	0,617	0	0	0
42	0	PP	LinStatic	-9,62	2,667	0	0	0
42	0,25	PP	LinStatic	-7,12	2,667	0	0	0
42	0,5	PP	LinStatic	-4,621	2,667	0	0	0
42	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
42	0,25	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
42	0,5	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
42	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
42	0,25	BALLAST	LinStatic	-9,738	-0,178	0	0	0
42	0,5	BALLAST	LinStatic	-9,738	-0,178	0	0	0
42	0	STERRASX	LinStatic	18,949	-11,192	0	0	0
42	0,25	STERRASX	LinStatic	18,949	-37,236	0	0	0
42	0,5	STERRASX	LinStatic	18,949	-62,747	0	0	0
42	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
42	0,25	STERRADX	LinStatic	-54,133	-44,272	0	0	0
42	0,5	STERRADX	LinStatic	-54,133	-44,272	0	0	0
42	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
42	0,25	TERMP	LinStatic	-0,782	-2,999	0	0	0
42	0,5	TERMP	LinStatic	-0,782	-2,999	0	0	0
42	0	TERMN	LinStatic	2,345	8,998	0	0	0
42	0,25	TERMN	LinStatic	2,345	8,998	0	0	0
42	0,5	TERMN	LinStatic	2,345	8,998	0	0	0
42	0	GRADTP	LinStatic	-7,84	6,958	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
42	0,25	GRADTP	LinStatic	-7,84	6,958	0	0	0
42	0,5	GRADTP	LinStatic	-7,84	6,958	0	0	0
42	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
42	0,25	GRADTN	LinStatic	7,84	-6,958	0	0	0
42	0,5	GRADTN	LinStatic	7,84	-6,958	0	0	0
42	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
42	0,25	LM71C	LinStatic	-27,049	-0,496	0	0	0
42	0,5	LM71C	LinStatic	-27,049	-0,496	0	0	0
42	0	STLM71	LinStatic	2,664	-1,153	0	0	0
42	0,25	STLM71	LinStatic	2,664	-4,706	0	0	0
42	0,5	STLM71	LinStatic	2,664	-8,258	0	0	0
42	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
42	0,25	AVVLM71	LinStatic	9,897	8,858	0	0	0
42	0,5	AVVLM71	LinStatic	9,897	8,858	0	0	0
42	0	SW2	LinStatic	-27,049	-0,496	0	0	0
42	0,25	SW2	LinStatic	-27,049	-0,496	0	0	0
42	0,5	SW2	LinStatic	-27,049	-0,496	0	0	0
42	0	STSW2	LinStatic	2,664	-1,153	0	0	0
42	0,25	STSW2	LinStatic	2,664	-4,706	0	0	0
42	0,5	STSW2	LinStatic	2,664	-8,258	0	0	0
42	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
42	0,25	FRENSW2	LinStatic	10,494	9,393	0	0	0
42	0,5	FRENSW2	LinStatic	10,494	9,393	0	0	0
42	0	SERP	LinStatic	0	0	0	0	0
42	0,25	SERP	LinStatic	0	0	0	0	0
42	0,5	SERP	LinStatic	0	0	0	0	0
42	0	INCRTER	LinStatic	16,202	-7,012	0	0	0
42	0,25	INCRTER	LinStatic	16,202	-28,614	0	0	0
42	0,5	INCRTER	LinStatic	16,202	-50,217	0	0	0
42	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
42	0,25	LM71SISO	LinStatic	1,996	1,787	0	0	0
42	0,5	LM71SISO	LinStatic	1,996	1,787	0	0	0
42	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
42	0,25	SW2SISO	LinStatic	2,988	2,675	0	0	0
42	0,5	SW2SISO	LinStatic	2,988	2,675	0	0	0
42	0	SISMAO	LinStatic	5,239	3,895	0	0	0
42	0,25	SISMAO	LinStatic	5,239	3,202	0	0	0
42	0,5	SISMAO	LinStatic	5,239	2,51	0	0	0
42	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
42	0,25	LM71SVA	LinStatic	0,561	0,01	0	0	0
42	0,5	LM71SVA	LinStatic	0,561	0,01	0	0	0
42	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
42	0,25	SW2SVA	LinStatic	0,839	0,015	0	0	0
42	0,5	SW2SVA	LinStatic	0,839	0,015	0	0	0
42	0	SISMAVA	LinStatic	26,053	-0,067	0	0	0
42	0,25	SISMAVA	LinStatic	25,666	-0,067	0	0	0
42	0,5	SISMAVA	LinStatic	25,278	-0,067	0	0	0
42	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
42	0,25	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
42	0,5	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
42	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
42	0,25	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
42	0,5	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
42	0	SISMAVB	LinStatic	-26,053	0,067	0	0	0
42	0,25	SISMAVB	LinStatic	-25,666	0,067	0	0	0
42	0,5	SISMAVB	LinStatic	-25,278	0,067	0	0	0
42	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
42	0,25	LM71SX	LinStatic	-29,555	-0,617	0	0	0
42	0,5	LM71SX	LinStatic	-29,555	-0,617	0	0	0
42	0	LM71DX	LinStatic	2,506	0,121	0	0	0
42	0,25	LM71DX	LinStatic	2,506	0,121	0	0	0
42	0,5	LM71DX	LinStatic	2,506	0,121	0	0	0
43	0	PP	LinStatic	-27,247	-1,183E-11	0	0	0
43	0,25	PP	LinStatic	-29,122	-1,183E-11	0	0	0
43	0,5	PP	LinStatic	-30,996	-1,183E-11	0	0	0
43	0	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
43	0,25	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
43	0,5	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
43	0	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
43	0,25	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
43	0,5	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
43	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
43	0,25	STERRASX	LinStatic	35,184	-38,499	0	0	0
43	0,5	STERRASX	LinStatic	35,184	-38,499	0	0	0
43	0	STERRADX	LinStatic	35,184	38,499	0	0	0
43	0,25	STERRADX	LinStatic	35,184	38,499	0	0	0
43	0,5	STERRADX	LinStatic	35,184	38,499	0	0	0
43	0	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
43	0,25	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
43	0,5	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
43	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
43	0,25	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
43	0,5	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
43	0	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
43	0,25	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
43	0,5	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
43	0	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
43	0,25	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
43	0,5	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
43	0	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
43	0,25	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
43	0,5	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
43	0	STLM71	LinStatic	4,563	-5,169	0	0	0
43	0,25	STLM71	LinStatic	4,563	-5,169	0	0	0
43	0,5	STLM71	LinStatic	4,563	-5,169	0	0	0
43	0	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
43	0,25	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
43	0,5	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
43	0	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
43	0,25	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
43	0,5	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
43	0	STSW2	LinStatic	4,563	-5,169	0	0	0
43	0,25	STSW2	LinStatic	4,563	-5,169	0	0	0
43	0,5	STSW2	LinStatic	4,563	-5,169	0	0	0
43	0	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
43	0,25	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
43	0,5	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
43	0	SERP	LinStatic	0	0	0	0	0
43	0,25	SERP	LinStatic	0	0	0	0	0
43	0,5	SERP	LinStatic	0	0	0	0	0
43	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
43	0,25	INCRTER	LinStatic	27,749	-31,431	0	0	0
43	0,5	INCRTER	LinStatic	27,749	-31,431	0	0	0
43	0	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
43	0,25	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
43	0,5	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
43	0	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
43	0,25	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
43	0,5	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
43	0	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
43	0,25	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
43	0,5	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
43	0	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
43	0,25	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
43	0,5	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
43	0	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
43	0,25	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
43	0,5	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
43	0	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
43	0,25	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
43	0,5	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
43	0	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
43	0,25	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
43	0,5	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
43	0	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
43	0,25	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0

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43	0,5	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
43	0	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
43	0,25	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
43	0,5	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
43	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
43	0,25	LM71SX	LinStatic	-34,951	-0,738	0	0	0
43	0,5	LM71SX	LinStatic	-34,951	-0,738	0	0	0
43	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
43	0,25	LM71DX	LinStatic	-34,951	0,738	0	0	0
43	0,5	LM71DX	LinStatic	-34,951	0,738	0	0	0
44	0	PP	LinStatic	-9,62	-2,667	0	0	0
44	0,25	PP	LinStatic	-7,12	-2,667	0	0	0
44	0,5	PP	LinStatic	-4,621	-2,667	0	0	0
44	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
44	0,25	REINTSUP	LinStatic	-150,391	2,755	0	0	0
44	0,5	REINTSUP	LinStatic	-150,391	2,755	0	0	0
44	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
44	0,25	BALLAST	LinStatic	-9,738	0,178	0	0	0
44	0,5	BALLAST	LinStatic	-9,738	0,178	0	0	0
44	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
44	0,25	STERRASX	LinStatic	-54,133	44,272	0	0	0
44	0,5	STERRASX	LinStatic	-54,133	44,272	0	0	0
44	0	STERRADX	LinStatic	18,949	11,192	0	0	0
44	0,25	STERRADX	LinStatic	18,949	37,236	0	0	0
44	0,5	STERRADX	LinStatic	18,949	62,747	0	0	0
44	0	TERMP	LinStatic	-0,782	2,999	0	0	0
44	0,25	TERMP	LinStatic	-0,782	2,999	0	0	0
44	0,5	TERMP	LinStatic	-0,782	2,999	0	0	0
44	0	TERMN	LinStatic	2,345	-8,998	0	0	0
44	0,25	TERMN	LinStatic	2,345	-8,998	0	0	0
44	0,5	TERMN	LinStatic	2,345	-8,998	0	0	0
44	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
44	0,25	GRADTP	LinStatic	-7,84	-6,958	0	0	0
44	0,5	GRADTP	LinStatic	-7,84	-6,958	0	0	0
44	0	GRADTN	LinStatic	7,84	6,958	0	0	0
44	0,25	GRADTN	LinStatic	7,84	6,958	0	0	0
44	0,5	GRADTN	LinStatic	7,84	6,958	0	0	0
44	0	LM71C	LinStatic	-27,049	0,496	0	0	0
44	0,25	LM71C	LinStatic	-27,049	0,496	0	0	0
44	0,5	LM71C	LinStatic	-27,049	0,496	0	0	0
44	0	STLM71	LinStatic	-7,228	5,931	0	0	0
44	0,25	STLM71	LinStatic	-7,228	5,931	0	0	0
44	0,5	STLM71	LinStatic	-7,228	5,931	0	0	0
44	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
44	0,25	AVVLM71	LinStatic	-9,897	8,858	0	0	0
44	0,5	AVVLM71	LinStatic	-9,897	8,858	0	0	0
44	0	SW2	LinStatic	-27,049	0,496	0	0	0
44	0,25	SW2	LinStatic	-27,049	0,496	0	0	0
44	0,5	SW2	LinStatic	-27,049	0,496	0	0	0
44	0	STSW2	LinStatic	-7,228	5,931	0	0	0
44	0,25	STSW2	LinStatic	-7,228	5,931	0	0	0
44	0,5	STSW2	LinStatic	-7,228	5,931	0	0	0
44	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
44	0,25	FRENSW2	LinStatic	-10,494	9,393	0	0	0
44	0,5	FRENSW2	LinStatic	-10,494	9,393	0	0	0
44	0	SERP	LinStatic	0	0	0	0	0
44	0,25	SERP	LinStatic	0	0	0	0	0
44	0,5	SERP	LinStatic	0	0	0	0	0
44	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
44	0,25	INCRTER	LinStatic	-43,951	36,068	0	0	0
44	0,5	INCRTER	LinStatic	-43,951	36,068	0	0	0
44	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
44	0,25	LM71SISO	LinStatic	-1,996	1,787	0	0	0
44	0,5	LM71SISO	LinStatic	-1,996	1,787	0	0	0
44	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
44	0,25	SW2SISO	LinStatic	-2,988	2,675	0	0	0
44	0,5	SW2SISO	LinStatic	-2,988	2,675	0	0	0
44	0	SISMAO	LinStatic	-5,239	3,895	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
44	0,25	SISMAO	LinStatic	-5,239	3,202	0	0	0
44	0,5	SISMAO	LinStatic	-5,239	2,51	0	0	0
44	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
44	0,25	LM71SVA	LinStatic	0,561	-0,01	0	0	0
44	0,5	LM71SVA	LinStatic	0,561	-0,01	0	0	0
44	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
44	0,25	SW2SVA	LinStatic	0,839	-0,015	0	0	0
44	0,5	SW2SVA	LinStatic	0,839	-0,015	0	0	0
44	0	SISMAVA	LinStatic	26,053	0,067	0	0	0
44	0,25	SISMAVA	LinStatic	25,666	0,067	0	0	0
44	0,5	SISMAVA	LinStatic	25,278	0,067	0	0	0
44	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
44	0,25	LM71SVB	LinStatic	-0,561	0,01	0	0	0
44	0,5	LM71SVB	LinStatic	-0,561	0,01	0	0	0
44	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
44	0,25	SW2SVB	LinStatic	-0,839	0,015	0	0	0
44	0,5	SW2SVB	LinStatic	-0,839	0,015	0	0	0
44	0	SISMAVB	LinStatic	-26,053	-0,067	0	0	0
44	0,25	SISMAVB	LinStatic	-25,666	-0,067	0	0	0
44	0,5	SISMAVB	LinStatic	-25,278	-0,067	0	0	0
44	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
44	0,25	LM71SX	LinStatic	2,506	-0,121	0	0	0
44	0,5	LM71SX	LinStatic	2,506	-0,121	0	0	0
44	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
44	0,25	LM71DX	LinStatic	-29,555	0,617	0	0	0
44	0,5	LM71DX	LinStatic	-29,555	0,617	0	0	0
45	0	PP	LinStatic	-4,621	2,667	0	0	0
45	0,05	PP	LinStatic	-4,121	2,667	0	0	0
45	0,1	PP	LinStatic	-3,621	2,667	0	0	0
45	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
45	0,05	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
45	0,1	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
45	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
45	0,05	BALLAST	LinStatic	-9,738	-0,178	0	0	0
45	0,1	BALLAST	LinStatic	-9,738	-0,178	0	0	0
45	0	STERRASX	LinStatic	18,949	-62,747	0	0	0
45	0,05	STERRASX	LinStatic	18,949	-67,785	0	0	0
45	0,1	STERRASX	LinStatic	18,949	-72,802	0	0	0
45	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
45	0,05	STERRADX	LinStatic	-54,133	-44,272	0	0	0
45	0,1	STERRADX	LinStatic	-54,133	-44,272	0	0	0
45	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
45	0,05	TERMP	LinStatic	-0,782	-2,999	0	0	0
45	0,1	TERMP	LinStatic	-0,782	-2,999	0	0	0
45	0	TERMN	LinStatic	2,345	8,998	0	0	0
45	0,05	TERMN	LinStatic	2,345	8,998	0	0	0
45	0,1	TERMN	LinStatic	2,345	8,998	0	0	0
45	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
45	0,05	GRADTP	LinStatic	-7,84	6,958	0	0	0
45	0,1	GRADTP	LinStatic	-7,84	6,958	0	0	0
45	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
45	0,05	GRADTN	LinStatic	7,84	-6,958	0	0	0
45	0,1	GRADTN	LinStatic	7,84	-6,958	0	0	0
45	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
45	0,05	LM71C	LinStatic	-27,049	-0,496	0	0	0
45	0,1	LM71C	LinStatic	-27,049	-0,496	0	0	0
45	0	STLM71	LinStatic	2,664	-8,258	0	0	0
45	0,05	STLM71	LinStatic	2,664	-8,969	0	0	0
45	0,1	STLM71	LinStatic	2,664	-9,679	0	0	0
45	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
45	0,05	AVVLM71	LinStatic	9,897	8,858	0	0	0
45	0,1	AVVLM71	LinStatic	9,897	8,858	0	0	0
45	0	SW2	LinStatic	-27,049	-0,496	0	0	0
45	0,05	SW2	LinStatic	-27,049	-0,496	0	0	0
45	0,1	SW2	LinStatic	-27,049	-0,496	0	0	0
45	0	STSW2	LinStatic	2,664	-8,258	0	0	0
45	0,05	STSW2	LinStatic	2,664	-8,969	0	0	0
45	0,1	STSW2	LinStatic	2,664	-9,679	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
45	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
45	0,05	FRENSW2	LinStatic	10,494	9,393	0	0	0
45	0,1	FRENSW2	LinStatic	10,494	9,393	0	0	0
45	0	SERP	LinStatic	0	0	0	0	0
45	0,05	SERP	LinStatic	0	0	0	0	0
45	0,1	SERP	LinStatic	0	0	0	0	0
45	0	INCRTER	LinStatic	16,202	-50,217	0	0	0
45	0,05	INCRTER	LinStatic	16,202	-54,537	0	0	0
45	0,1	INCRTER	LinStatic	16,202	-58,858	0	0	0
45	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
45	0,05	LM71SISO	LinStatic	1,996	1,787	0	0	0
45	0,1	LM71SISO	LinStatic	1,996	1,787	0	0	0
45	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
45	0,05	SW2SISO	LinStatic	2,988	2,675	0	0	0
45	0,1	SW2SISO	LinStatic	2,988	2,675	0	0	0
45	0	SISMAO	LinStatic	5,239	2,51	0	0	0
45	0,05	SISMAO	LinStatic	5,239	2,371	0	0	0
45	0,1	SISMAO	LinStatic	5,239	2,233	0	0	0
45	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
45	0,05	LM71SVA	LinStatic	0,561	0,01	0	0	0
45	0,1	LM71SVA	LinStatic	0,561	0,01	0	0	0
45	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
45	0,05	SW2SVA	LinStatic	0,839	0,015	0	0	0
45	0,1	SW2SVA	LinStatic	0,839	0,015	0	0	0
45	0	SISMAVA	LinStatic	25,278	-0,067	0	0	0
45	0,05	SISMAVA	LinStatic	25,201	-0,067	0	0	0
45	0,1	SISMAVA	LinStatic	25,123	-0,067	0	0	0
45	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
45	0,05	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
45	0,1	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
45	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
45	0,05	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
45	0,1	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
45	0	SISMAVB	LinStatic	-25,278	0,067	0	0	0
45	0,05	SISMAVB	LinStatic	-25,201	0,067	0	0	0
45	0,1	SISMAVB	LinStatic	-25,123	0,067	0	0	0
45	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
45	0,05	LM71SX	LinStatic	-29,555	-0,617	0	0	0
45	0,1	LM71SX	LinStatic	-29,555	-0,617	0	0	0
45	0	LM71DX	LinStatic	2,506	0,121	0	0	0
45	0,05	LM71DX	LinStatic	2,506	0,121	0	0	0
45	0,1	LM71DX	LinStatic	2,506	0,121	0	0	0
46	0	PP	LinStatic	-26,497	-1,183E-11	0	0	0
46	0,05	PP	LinStatic	-26,872	-1,183E-11	0	0	0
46	0,1	PP	LinStatic	-27,247	-1,183E-11	0	0	0
46	0	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
46	0,05	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
46	0,1	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
46	0	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
46	0,05	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
46	0,1	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
46	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
46	0,05	STERRASX	LinStatic	35,184	-38,499	0	0	0
46	0,1	STERRASX	LinStatic	35,184	-38,499	0	0	0
46	0	STERRADX	LinStatic	35,184	38,499	0	0	0
46	0,05	STERRADX	LinStatic	35,184	38,499	0	0	0
46	0,1	STERRADX	LinStatic	35,184	38,499	0	0	0
46	0	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
46	0,05	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
46	0,1	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
46	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
46	0,05	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
46	0,1	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
46	0	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
46	0,05	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
46	0,1	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
46	0	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
46	0,05	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
46	0,1	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
46	0	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
46	0,05	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
46	0,1	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
46	0	STLM71	LinStatic	4,563	-5,169	0	0	0
46	0,05	STLM71	LinStatic	4,563	-5,169	0	0	0
46	0,1	STLM71	LinStatic	4,563	-5,169	0	0	0
46	0	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
46	0,05	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
46	0,1	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
46	0	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
46	0,05	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
46	0,1	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
46	0	STSW2	LinStatic	4,563	-5,169	0	0	0
46	0,05	STSW2	LinStatic	4,563	-5,169	0	0	0
46	0,1	STSW2	LinStatic	4,563	-5,169	0	0	0
46	0	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
46	0,05	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
46	0,1	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
46	0	SERP	LinStatic	0	0	0	0	0
46	0,05	SERP	LinStatic	0	0	0	0	0
46	0,1	SERP	LinStatic	0	0	0	0	0
46	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
46	0,05	INCRTER	LinStatic	27,749	-31,431	0	0	0
46	0,1	INCRTER	LinStatic	27,749	-31,431	0	0	0
46	0	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
46	0,05	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
46	0,1	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
46	0	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
46	0,05	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
46	0,1	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
46	0	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
46	0,05	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
46	0,1	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
46	0	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
46	0,05	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
46	0,1	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
46	0	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
46	0,05	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
46	0,1	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
46	0	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
46	0,05	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
46	0,1	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
46	0	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
46	0,05	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
46	0,1	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
46	0	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
46	0,05	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
46	0,1	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
46	0	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
46	0,05	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
46	0,1	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
46	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
46	0,05	LM71SX	LinStatic	-34,951	-0,738	0	0	0
46	0,1	LM71SX	LinStatic	-34,951	-0,738	0	0	0
46	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
46	0,05	LM71DX	LinStatic	-34,951	0,738	0	0	0
46	0,1	LM71DX	LinStatic	-34,951	0,738	0	0	0
47	0	PP	LinStatic	-4,621	-2,667	0	0	0
47	0,05	PP	LinStatic	-4,121	-2,667	0	0	0
47	0,1	PP	LinStatic	-3,621	-2,667	0	0	0
47	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
47	0,05	REINTSUP	LinStatic	-150,391	2,755	0	0	0
47	0,1	REINTSUP	LinStatic	-150,391	2,755	0	0	0
47	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
47	0,05	BALLAST	LinStatic	-9,738	0,178	0	0	0
47	0,1	BALLAST	LinStatic	-9,738	0,178	0	0	0
47	0	STERRASX	LinStatic	-54,133	44,272	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
47	0,05	STERRASX	LinStatic	-54,133	44,272	0	0	0
47	0,1	STERRASX	LinStatic	-54,133	44,272	0	0	0
47	0	STERRADX	LinStatic	18,949	62,747	0	0	0
47	0,05	STERRADX	LinStatic	18,949	67,785	0	0	0
47	0,1	STERRADX	LinStatic	18,949	72,802	0	0	0
47	0	TERMP	LinStatic	-0,782	2,999	0	0	0
47	0,05	TERMP	LinStatic	-0,782	2,999	0	0	0
47	0,1	TERMP	LinStatic	-0,782	2,999	0	0	0
47	0	TERMN	LinStatic	2,345	-8,998	0	0	0
47	0,05	TERMN	LinStatic	2,345	-8,998	0	0	0
47	0,1	TERMN	LinStatic	2,345	-8,998	0	0	0
47	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
47	0,05	GRADTP	LinStatic	-7,84	-6,958	0	0	0
47	0,1	GRADTP	LinStatic	-7,84	-6,958	0	0	0
47	0	GRADTN	LinStatic	7,84	6,958	0	0	0
47	0,05	GRADTN	LinStatic	7,84	6,958	0	0	0
47	0,1	GRADTN	LinStatic	7,84	6,958	0	0	0
47	0	LM71C	LinStatic	-27,049	0,496	0	0	0
47	0,05	LM71C	LinStatic	-27,049	0,496	0	0	0
47	0,1	LM71C	LinStatic	-27,049	0,496	0	0	0
47	0	STLM71	LinStatic	-7,228	5,931	0	0	0
47	0,05	STLM71	LinStatic	-7,228	5,931	0	0	0
47	0,1	STLM71	LinStatic	-7,228	5,931	0	0	0
47	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
47	0,05	AVVLM71	LinStatic	-9,897	8,858	0	0	0
47	0,1	AVVLM71	LinStatic	-9,897	8,858	0	0	0
47	0	SW2	LinStatic	-27,049	0,496	0	0	0
47	0,05	SW2	LinStatic	-27,049	0,496	0	0	0
47	0,1	SW2	LinStatic	-27,049	0,496	0	0	0
47	0	STSW2	LinStatic	-7,228	5,931	0	0	0
47	0,05	STSW2	LinStatic	-7,228	5,931	0	0	0
47	0,1	STSW2	LinStatic	-7,228	5,931	0	0	0
47	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
47	0,05	FRENSW2	LinStatic	-10,494	9,393	0	0	0
47	0,1	FRENSW2	LinStatic	-10,494	9,393	0	0	0
47	0	SERP	LinStatic	0	0	0	0	0
47	0,05	SERP	LinStatic	0	0	0	0	0
47	0,1	SERP	LinStatic	0	0	0	0	0
47	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
47	0,05	INCRTER	LinStatic	-43,951	36,068	0	0	0
47	0,1	INCRTER	LinStatic	-43,951	36,068	0	0	0
47	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
47	0,05	LM71SISO	LinStatic	-1,996	1,787	0	0	0
47	0,1	LM71SISO	LinStatic	-1,996	1,787	0	0	0
47	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
47	0,05	SW2SISO	LinStatic	-2,988	2,675	0	0	0
47	0,1	SW2SISO	LinStatic	-2,988	2,675	0	0	0
47	0	SISMAO	LinStatic	-5,239	2,51	0	0	0
47	0,05	SISMAO	LinStatic	-5,239	2,371	0	0	0
47	0,1	SISMAO	LinStatic	-5,239	2,233	0	0	0
47	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
47	0,05	LM71SVA	LinStatic	0,561	-0,01	0	0	0
47	0,1	LM71SVA	LinStatic	0,561	-0,01	0	0	0
47	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
47	0,05	SW2SVA	LinStatic	0,839	-0,015	0	0	0
47	0,1	SW2SVA	LinStatic	0,839	-0,015	0	0	0
47	0	SISMAVA	LinStatic	25,278	0,067	0	0	0
47	0,05	SISMAVA	LinStatic	25,201	0,067	0	0	0
47	0,1	SISMAVA	LinStatic	25,123	0,067	0	0	0
47	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
47	0,05	LM71SVB	LinStatic	-0,561	0,01	0	0	0
47	0,1	LM71SVB	LinStatic	-0,561	0,01	0	0	0
47	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
47	0,05	SW2SVB	LinStatic	-0,839	0,015	0	0	0
47	0,1	SW2SVB	LinStatic	-0,839	0,015	0	0	0
47	0	SISMAVB	LinStatic	-25,278	-0,067	0	0	0
47	0,05	SISMAVB	LinStatic	-25,201	-0,067	0	0	0
47	0,1	SISMAVB	LinStatic	-25,123	-0,067	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
47	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
47	0,05	LM71SX	LinStatic	2,506	-0,121	0	0	0
47	0,1	LM71SX	LinStatic	2,506	-0,121	0	0	0
47	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
47	0,05	LM71DX	LinStatic	-29,555	0,617	0	0	0
47	0,1	LM71DX	LinStatic	-29,555	0,617	0	0	0
48	0	PP	LinStatic	-3,621	2,667	0	0	0
48	0,05	PP	LinStatic	-3,121	2,667	0	0	0
48	0,1	PP	LinStatic	-2,622	2,667	0	0	0
48	0	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
48	0,05	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
48	0,1	REINTSUP	LinStatic	-150,391	-2,755	0	0	0
48	0	BALLAST	LinStatic	-9,738	-0,178	0	0	0
48	0,05	BALLAST	LinStatic	-9,738	-0,178	0	0	0
48	0,1	BALLAST	LinStatic	-9,738	-0,178	0	0	0
48	0	STERRASX	LinStatic	18,949	-72,802	0	0	0
48	0,05	STERRASX	LinStatic	18,949	-77,797	0	0	0
48	0,1	STERRASX	LinStatic	18,949	-82,772	0	0	0
48	0	STERRADX	LinStatic	-54,133	-44,272	0	0	0
48	0,05	STERRADX	LinStatic	-54,133	-44,272	0	0	0
48	0,1	STERRADX	LinStatic	-54,133	-44,272	0	0	0
48	0	TERMP	LinStatic	-0,782	-2,999	0	0	0
48	0,05	TERMP	LinStatic	-0,782	-2,999	0	0	0
48	0,1	TERMP	LinStatic	-0,782	-2,999	0	0	0
48	0	TERMN	LinStatic	2,345	8,998	0	0	0
48	0,05	TERMN	LinStatic	2,345	8,998	0	0	0
48	0,1	TERMN	LinStatic	2,345	8,998	0	0	0
48	0	GRADTP	LinStatic	-7,84	6,958	0	0	0
48	0,05	GRADTP	LinStatic	-7,84	6,958	0	0	0
48	0,1	GRADTP	LinStatic	-7,84	6,958	0	0	0
48	0	GRADTN	LinStatic	7,84	-6,958	0	0	0
48	0,05	GRADTN	LinStatic	7,84	-6,958	0	0	0
48	0,1	GRADTN	LinStatic	7,84	-6,958	0	0	0
48	0	LM71C	LinStatic	-27,049	-0,496	0	0	0
48	0,05	LM71C	LinStatic	-27,049	-0,496	0	0	0
48	0,1	LM71C	LinStatic	-27,049	-0,496	0	0	0
48	0	STLM71	LinStatic	2,664	-9,679	0	0	0
48	0,05	STLM71	LinStatic	2,664	-10,39	0	0	0
48	0,1	STLM71	LinStatic	2,664	-11,1	0	0	0
48	0	AVVLM71	LinStatic	9,897	8,858	0	0	0
48	0,05	AVVLM71	LinStatic	9,897	8,858	0	0	0
48	0,1	AVVLM71	LinStatic	9,897	8,858	0	0	0
48	0	SW2	LinStatic	-27,049	-0,496	0	0	0
48	0,05	SW2	LinStatic	-27,049	-0,496	0	0	0
48	0,1	SW2	LinStatic	-27,049	-0,496	0	0	0
48	0	STSW2	LinStatic	2,664	-9,679	0	0	0
48	0,05	STSW2	LinStatic	2,664	-10,39	0	0	0
48	0,1	STSW2	LinStatic	2,664	-11,1	0	0	0
48	0	FRENSW2	LinStatic	10,494	9,393	0	0	0
48	0,05	FRENSW2	LinStatic	10,494	9,393	0	0	0
48	0,1	FRENSW2	LinStatic	10,494	9,393	0	0	0
48	0	SERP	LinStatic	0	0	0	0	0
48	0,05	SERP	LinStatic	0	0	0	0	0
48	0,1	SERP	LinStatic	0	0	0	0	0
48	0	INCRTER	LinStatic	16,202	-58,858	0	0	0
48	0,05	INCRTER	LinStatic	16,202	-63,178	0	0	0
48	0,1	INCRTER	LinStatic	16,202	-67,499	0	0	0
48	0	LM71SISO	LinStatic	1,996	1,787	0	0	0
48	0,05	LM71SISO	LinStatic	1,996	1,787	0	0	0
48	0,1	LM71SISO	LinStatic	1,996	1,787	0	0	0
48	0	SW2SISO	LinStatic	2,988	2,675	0	0	0
48	0,05	SW2SISO	LinStatic	2,988	2,675	0	0	0
48	0,1	SW2SISO	LinStatic	2,988	2,675	0	0	0
48	0	SISMAO	LinStatic	5,239	2,233	0	0	0
48	0,05	SISMAO	LinStatic	5,239	2,094	0	0	0
48	0,1	SISMAO	LinStatic	5,239	1,956	0	0	0
48	0	LM71SVA	LinStatic	0,561	0,01	0	0	0
48	0,05	LM71SVA	LinStatic	0,561	0,01	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
48	0,1	LM71SVA	LinStatic	0,561	0,01	0	0	0
48	0	SW2SVA	LinStatic	0,839	0,015	0	0	0
48	0,05	SW2SVA	LinStatic	0,839	0,015	0	0	0
48	0,1	SW2SVA	LinStatic	0,839	0,015	0	0	0
48	0	SISMAVA	LinStatic	25,123	-0,067	0	0	0
48	0,05	SISMAVA	LinStatic	25,046	-0,067	0	0	0
48	0,1	SISMAVA	LinStatic	24,968	-0,067	0	0	0
48	0	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
48	0,05	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
48	0,1	LM71SVB	LinStatic	-0,561	-0,01	0	0	0
48	0	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
48	0,05	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
48	0,1	SW2SVB	LinStatic	-0,839	-0,015	0	0	0
48	0	SISMAVB	LinStatic	-25,123	0,067	0	0	0
48	0,05	SISMAVB	LinStatic	-25,046	0,067	0	0	0
48	0,1	SISMAVB	LinStatic	-24,968	0,067	0	0	0
48	0	LM71SX	LinStatic	-29,555	-0,617	0	0	0
48	0,05	LM71SX	LinStatic	-29,555	-0,617	0	0	0
48	0,1	LM71SX	LinStatic	-29,555	-0,617	0	0	0
48	0	LM71DX	LinStatic	2,506	0,121	0	0	0
48	0,05	LM71DX	LinStatic	2,506	0,121	0	0	0
48	0,1	LM71DX	LinStatic	2,506	0,121	0	0	0
49	0	PP	LinStatic	-25,748	-1,183E-11	0	0	0
49	0,05	PP	LinStatic	-26,122	-1,183E-11	0	0	0
49	0,1	PP	LinStatic	-26,497	-1,183E-11	0	0	0
49	0	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
49	0,05	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
49	0,1	REINTSUP	LinStatic	-388,659	-5,946E-11	0	0	0
49	0	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
49	0,05	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
49	0,1	BALLAST	LinStatic	-25,165	-3,857E-12	0	0	0
49	0	STERRASX	LinStatic	35,184	-38,499	0	0	0
49	0,05	STERRASX	LinStatic	35,184	-38,499	0	0	0
49	0,1	STERRASX	LinStatic	35,184	-38,499	0	0	0
49	0	STERRADX	LinStatic	35,184	38,499	0	0	0
49	0,05	STERRADX	LinStatic	35,184	38,499	0	0	0
49	0,1	STERRADX	LinStatic	35,184	38,499	0	0	0
49	0	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
49	0,05	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
49	0,1	TERMP	LinStatic	1,563	-8,335E-13	0	0	0
49	0	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
49	0,05	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
49	0,1	TERMN	LinStatic	-4,689	2,139E-12	0	0	0
49	0	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
49	0,05	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
49	0,1	GRADTP	LinStatic	15,681	-2,955E-15	0	0	0
49	0	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
49	0,05	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
49	0,1	GRADTN	LinStatic	-15,681	2,955E-15	0	0	0
49	0	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
49	0,05	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
49	0,1	LM71C	LinStatic	-69,903	-1,069E-11	0	0	0
49	0	STLM71	LinStatic	4,563	-5,169	0	0	0
49	0,05	STLM71	LinStatic	4,563	-5,169	0	0	0
49	0,1	STLM71	LinStatic	4,563	-5,169	0	0	0
49	0	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
49	0,05	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
49	0,1	AVVLM71	LinStatic	-1,008E-10	-7,952	0	0	0
49	0	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
49	0,05	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
49	0,1	SW2	LinStatic	-69,903	-1,069E-11	0	0	0
49	0	STSW2	LinStatic	4,563	-5,169	0	0	0
49	0,05	STSW2	LinStatic	4,563	-5,169	0	0	0
49	0,1	STSW2	LinStatic	4,563	-5,169	0	0	0
49	0	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
49	0,05	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
49	0,1	FRENSW2	LinStatic	-1,068E-10	-8,432	0	0	0
49	0	SERP	LinStatic	0	0	0	0	0

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49	0,05	SERP	LinStatic	0	0	0	0	0
49	0,1	SERP	LinStatic	0	0	0	0	0
49	0	INCRTER	LinStatic	27,749	-31,431	0	0	0
49	0,05	INCRTER	LinStatic	27,749	-31,431	0	0	0
49	0,1	INCRTER	LinStatic	27,749	-31,431	0	0	0
49	0	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
49	0,05	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
49	0,1	LM71SISO	LinStatic	-2,04E-11	-1,604	0	0	0
49	0	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
49	0,05	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
49	0,1	SW2SISO	LinStatic	-3,045E-11	-2,401	0	0	0
49	0	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
49	0,05	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
49	0,1	SISMAO	LinStatic	-5,958E-11	-4,675	0	0	0
49	0	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
49	0,05	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
49	0,1	LM71SVA	LinStatic	1,45	2,218E-13	0	0	0
49	0	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
49	0,05	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
49	0,1	SW2SVA	LinStatic	2,167	3,319E-13	0	0	0
49	0	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
49	0,05	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
49	0,1	SISMAVA	LinStatic	68,639	1,088E-11	0	0	0
49	0	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
49	0,05	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
49	0,1	LM71SVB	LinStatic	-1,45	-2,218E-13	0	0	0
49	0	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
49	0,05	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
49	0,1	SW2SVB	LinStatic	-2,167	-3,319E-13	0	0	0
49	0	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
49	0,05	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
49	0,1	SISMAVB	LinStatic	-68,639	-1,088E-11	0	0	0
49	0	LM71SX	LinStatic	-34,951	-0,738	0	0	0
49	0,05	LM71SX	LinStatic	-34,951	-0,738	0	0	0
49	0,1	LM71SX	LinStatic	-34,951	-0,738	0	0	0
49	0	LM71DX	LinStatic	-34,951	0,738	0	0	0
49	0,05	LM71DX	LinStatic	-34,951	0,738	0	0	0
49	0,1	LM71DX	LinStatic	-34,951	0,738	0	0	0
50	0	PP	LinStatic	-3,621	-2,667	0	0	0
50	0,05	PP	LinStatic	-3,121	-2,667	0	0	0
50	0,1	PP	LinStatic	-2,622	-2,667	0	0	0
50	0	REINTSUP	LinStatic	-150,391	2,755	0	0	0
50	0,05	REINTSUP	LinStatic	-150,391	2,755	0	0	0
50	0,1	REINTSUP	LinStatic	-150,391	2,755	0	0	0
50	0	BALLAST	LinStatic	-9,738	0,178	0	0	0
50	0,05	BALLAST	LinStatic	-9,738	0,178	0	0	0
50	0,1	BALLAST	LinStatic	-9,738	0,178	0	0	0
50	0	STERRASX	LinStatic	-54,133	44,272	0	0	0
50	0,05	STERRASX	LinStatic	-54,133	44,272	0	0	0
50	0,1	STERRASX	LinStatic	-54,133	44,272	0	0	0
50	0	STERRADX	LinStatic	18,949	72,802	0	0	0
50	0,05	STERRADX	LinStatic	18,949	77,797	0	0	0
50	0,1	STERRADX	LinStatic	18,949	82,772	0	0	0
50	0	TERMP	LinStatic	-0,782	2,999	0	0	0
50	0,05	TERMP	LinStatic	-0,782	2,999	0	0	0
50	0,1	TERMP	LinStatic	-0,782	2,999	0	0	0
50	0	TERMN	LinStatic	2,345	-8,998	0	0	0
50	0,05	TERMN	LinStatic	2,345	-8,998	0	0	0
50	0,1	TERMN	LinStatic	2,345	-8,998	0	0	0
50	0	GRADTP	LinStatic	-7,84	-6,958	0	0	0
50	0,05	GRADTP	LinStatic	-7,84	-6,958	0	0	0
50	0,1	GRADTP	LinStatic	-7,84	-6,958	0	0	0
50	0	GRADTN	LinStatic	7,84	6,958	0	0	0
50	0,05	GRADTN	LinStatic	7,84	6,958	0	0	0
50	0,1	GRADTN	LinStatic	7,84	6,958	0	0	0
50	0	LM71C	LinStatic	-27,049	0,496	0	0	0
50	0,05	LM71C	LinStatic	-27,049	0,496	0	0	0
50	0,1	LM71C	LinStatic	-27,049	0,496	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
50	0	STLM71	LinStatic	-7,228	5,931	0	0	0
50	0,05	STLM71	LinStatic	-7,228	5,931	0	0	0
50	0,1	STLM71	LinStatic	-7,228	5,931	0	0	0
50	0	AVVLM71	LinStatic	-9,897	8,858	0	0	0
50	0,05	AVVLM71	LinStatic	-9,897	8,858	0	0	0
50	0,1	AVVLM71	LinStatic	-9,897	8,858	0	0	0
50	0	SW2	LinStatic	-27,049	0,496	0	0	0
50	0,05	SW2	LinStatic	-27,049	0,496	0	0	0
50	0,1	SW2	LinStatic	-27,049	0,496	0	0	0
50	0	STSW2	LinStatic	-7,228	5,931	0	0	0
50	0,05	STSW2	LinStatic	-7,228	5,931	0	0	0
50	0,1	STSW2	LinStatic	-7,228	5,931	0	0	0
50	0	FRENSW2	LinStatic	-10,494	9,393	0	0	0
50	0,05	FRENSW2	LinStatic	-10,494	9,393	0	0	0
50	0,1	FRENSW2	LinStatic	-10,494	9,393	0	0	0
50	0	SERP	LinStatic	0	0	0	0	0
50	0,05	SERP	LinStatic	0	0	0	0	0
50	0,1	SERP	LinStatic	0	0	0	0	0
50	0	INCRTER	LinStatic	-43,951	36,068	0	0	0
50	0,05	INCRTER	LinStatic	-43,951	36,068	0	0	0
50	0,1	INCRTER	LinStatic	-43,951	36,068	0	0	0
50	0	LM71SISO	LinStatic	-1,996	1,787	0	0	0
50	0,05	LM71SISO	LinStatic	-1,996	1,787	0	0	0
50	0,1	LM71SISO	LinStatic	-1,996	1,787	0	0	0
50	0	SW2SISO	LinStatic	-2,988	2,675	0	0	0
50	0,05	SW2SISO	LinStatic	-2,988	2,675	0	0	0
50	0,1	SW2SISO	LinStatic	-2,988	2,675	0	0	0
50	0	SISMAO	LinStatic	-5,239	2,233	0	0	0
50	0,05	SISMAO	LinStatic	-5,239	2,094	0	0	0
50	0,1	SISMAO	LinStatic	-5,239	1,956	0	0	0
50	0	LM71SVA	LinStatic	0,561	-0,01	0	0	0
50	0,05	LM71SVA	LinStatic	0,561	-0,01	0	0	0
50	0,1	LM71SVA	LinStatic	0,561	-0,01	0	0	0
50	0	SW2SVA	LinStatic	0,839	-0,015	0	0	0
50	0,05	SW2SVA	LinStatic	0,839	-0,015	0	0	0
50	0,1	SW2SVA	LinStatic	0,839	-0,015	0	0	0
50	0	SISMAVA	LinStatic	25,123	0,067	0	0	0
50	0,05	SISMAVA	LinStatic	25,046	0,067	0	0	0
50	0,1	SISMAVA	LinStatic	24,968	0,067	0	0	0
50	0	LM71SVB	LinStatic	-0,561	0,01	0	0	0
50	0,05	LM71SVB	LinStatic	-0,561	0,01	0	0	0
50	0,1	LM71SVB	LinStatic	-0,561	0,01	0	0	0
50	0	SW2SVB	LinStatic	-0,839	0,015	0	0	0
50	0,05	SW2SVB	LinStatic	-0,839	0,015	0	0	0
50	0,1	SW2SVB	LinStatic	-0,839	0,015	0	0	0
50	0	SISMAVB	LinStatic	-25,123	-0,067	0	0	0
50	0,05	SISMAVB	LinStatic	-25,046	-0,067	0	0	0
50	0,1	SISMAVB	LinStatic	-24,968	-0,067	0	0	0
50	0	LM71SX	LinStatic	2,506	-0,121	0	0	0
50	0,05	LM71SX	LinStatic	2,506	-0,121	0	0	0
50	0,1	LM71SX	LinStatic	2,506	-0,121	0	0	0
50	0	LM71DX	LinStatic	-29,555	0,617	0	0	0
50	0,05	LM71DX	LinStatic	-29,555	0,617	0	0	0
50	0,1	LM71DX	LinStatic	-29,555	0,617	0	0	0
51	0	PP	LinStatic	2,667	-2,622	0	0	0
51	0,1	PP	LinStatic	2,667	-1,622	0	0	0
51	0	REINTSUP	LinStatic	-2,755	-150,391	0	0	0
51	0,1	REINTSUP	LinStatic	-2,755	-128,151	0	0	0
51	0	BALLAST	LinStatic	-0,178	-9,738	0	0	0
51	0,1	BALLAST	LinStatic	-0,178	-8,298	0	0	0
51	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
51	0,1	STERRASX	LinStatic	-82,772	18,949	0	0	0
51	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
51	0,1	STERRADX	LinStatic	-44,272	-54,133	0	0	0
51	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
51	0,1	TERMP	LinStatic	-2,999	-0,782	0	0	0
51	0	TERMN	LinStatic	8,998	2,345	0	0	0
51	0,1	TERMN	LinStatic	8,998	2,345	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
51	0	GRADTP	LinStatic	6,958	-7,84	0	0	0
51	0,1	GRADTP	LinStatic	6,958	-7,84	0	0	0
51	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
51	0,1	GRADTN	LinStatic	-6,958	7,84	0	0	0
51	0	LM71C	LinStatic	-0,496	-27,049	0	0	0
51	0,1	LM71C	LinStatic	-0,496	-23,049	0	0	0
51	0	STLM71	LinStatic	-11,1	2,664	0	0	0
51	0,1	STLM71	LinStatic	-11,1	2,664	0	0	0
51	0	AVVLM71	LinStatic	8,858	9,897	0	0	0
51	0,1	AVVLM71	LinStatic	8,03	9,897	0	0	0
51	0	SW2	LinStatic	-0,496	-27,049	0	0	0
51	0,1	SW2	LinStatic	-0,496	-23,049	0	0	0
51	0	STSW2	LinStatic	-11,1	2,664	0	0	0
51	0,1	STSW2	LinStatic	-11,1	2,664	0	0	0
51	0	FRENSW2	LinStatic	9,393	10,494	0	0	0
51	0,1	FRENSW2	LinStatic	8,515	10,494	0	0	0
51	0	SERP	LinStatic	0	0	0	0	0
51	0,1	SERP	LinStatic	0	0	0	0	0
51	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
51	0,1	INCRTER	LinStatic	-67,499	16,202	0	0	0
51	0	LM71SISO	LinStatic	1,787	1,996	0	0	0
51	0,1	LM71SISO	LinStatic	1,62	1,996	0	0	0
51	0	SW2SISO	LinStatic	2,675	2,988	0	0	0
51	0,1	SW2SISO	LinStatic	2,425	2,988	0	0	0
51	0	SISMAO	LinStatic	1,956	5,239	0	0	0
51	0,1	SISMAO	LinStatic	1,679	5,239	0	0	0
51	0	LM71SVA	LinStatic	0,01	0,561	0	0	0
51	0,1	LM71SVA	LinStatic	0,01	0,478	0	0	0
51	0	SW2SVA	LinStatic	0,015	0,839	0	0	0
51	0,1	SW2SVA	LinStatic	0,015	0,715	0	0	0
51	0	SISMAVA	LinStatic	-0,067	24,968	0	0	0
51	0,1	SISMAVA	LinStatic	-0,067	21,143	0	0	0
51	0	LM71SVB	LinStatic	-0,01	-0,561	0	0	0
51	0,1	LM71SVB	LinStatic	-0,01	-0,478	0	0	0
51	0	SW2SVB	LinStatic	-0,015	-0,839	0	0	0
51	0,1	SW2SVB	LinStatic	-0,015	-0,715	0	0	0
51	0	SISMAVB	LinStatic	0,067	-24,968	0	0	0
51	0,1	SISMAVB	LinStatic	0,067	-21,143	0	0	0
51	0	LM71SX	LinStatic	-0,617	-29,555	0	0	0
51	0,1	LM71SX	LinStatic	-0,617	-25,555	0	0	0
51	0	LM71DX	LinStatic	0,121	2,506	0	0	0
51	0,1	LM71DX	LinStatic	0,121	2,506	0	0	0
52	0	PP	LinStatic	2,667	-1,622	0	0	0
52	0,1	PP	LinStatic	2,667	-0,622	0	0	0
52	0	REINTSUP	LinStatic	-2,755	-128,151	0	0	0
52	0,1	REINTSUP	LinStatic	-2,755	-105,911	0	0	0
52	0	BALLAST	LinStatic	-0,178	-8,298	0	0	0
52	0,1	BALLAST	LinStatic	-0,178	-6,858	0	0	0
52	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
52	0,1	STERRASX	LinStatic	-82,772	18,949	0	0	0
52	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
52	0,1	STERRADX	LinStatic	-44,272	-54,133	0	0	0
52	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
52	0,1	TERMP	LinStatic	-2,999	-0,782	0	0	0
52	0	TERMN	LinStatic	8,998	2,345	0	0	0
52	0,1	TERMN	LinStatic	8,998	2,345	0	0	0
52	0	GRADTP	LinStatic	6,958	-7,84	0	0	0
52	0,1	GRADTP	LinStatic	6,958	-7,84	0	0	0
52	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
52	0,1	GRADTN	LinStatic	-6,958	7,84	0	0	0
52	0	LM71C	LinStatic	-0,496	-23,049	0	0	0
52	0,1	LM71C	LinStatic	-0,496	-19,049	0	0	0
52	0	STLM71	LinStatic	-11,1	2,664	0	0	0
52	0,1	STLM71	LinStatic	-11,1	2,664	0	0	0
52	0	AVVLM71	LinStatic	8,03	9,897	0	0	0
52	0,1	AVVLM71	LinStatic	7,202	9,897	0	0	0
52	0	SW2	LinStatic	-0,496	-23,049	0	0	0
52	0,1	SW2	LinStatic	-0,496	-19,049	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
52	0	STSW2	LinStatic	-11,1	2,664	0	0	0
52	0,1	STSW2	LinStatic	-11,1	2,664	0	0	0
52	0	FRENSW2	LinStatic	8,515	10,494	0	0	0
52	0,1	FRENSW2	LinStatic	7,637	10,494	0	0	0
52	0	SERP	LinStatic	0	0	0	0	0
52	0,1	SERP	LinStatic	0	0	0	0	0
52	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
52	0,1	INCRTER	LinStatic	-67,499	16,202	0	0	0
52	0	LM71SISO	LinStatic	1,62	1,996	0	0	0
52	0,1	LM71SISO	LinStatic	1,453	1,996	0	0	0
52	0	SW2SISO	LinStatic	2,425	2,988	0	0	0
52	0,1	SW2SISO	LinStatic	2,175	2,988	0	0	0
52	0	SISMAO	LinStatic	1,679	5,239	0	0	0
52	0,1	SISMAO	LinStatic	1,402	5,239	0	0	0
52	0	LM71SVA	LinStatic	0,01	0,478	0	0	0
52	0,1	LM71SVA	LinStatic	0,01	0,395	0	0	0
52	0	SW2SVA	LinStatic	0,015	0,715	0	0	0
52	0,1	SW2SVA	LinStatic	0,015	0,591	0	0	0
52	0	SISMAVA	LinStatic	-0,067	21,143	0	0	0
52	0,1	SISMAVA	LinStatic	-0,067	17,318	0	0	0
52	0	LM71SVB	LinStatic	-0,01	-0,478	0	0	0
52	0,1	LM71SVB	LinStatic	-0,01	-0,395	0	0	0
52	0	SW2SVB	LinStatic	-0,015	-0,715	0	0	0
52	0,1	SW2SVB	LinStatic	-0,015	-0,591	0	0	0
52	0	SISMAVB	LinStatic	0,067	-21,143	0	0	0
52	0,1	SISMAVB	LinStatic	0,067	-17,318	0	0	0
52	0	LM71SX	LinStatic	-0,617	-25,555	0	0	0
52	0,1	LM71SX	LinStatic	-0,617	-21,555	0	0	0
52	0	LM71DX	LinStatic	0,121	2,506	0	0	0
52	0,1	LM71DX	LinStatic	0,121	2,506	0	0	0
53	0	PP	LinStatic	2,667	-0,622	0	0	0
53	0,3	PP	LinStatic	2,667	2,377	0	0	0
53	0,6	PP	LinStatic	2,667	5,376	0	0	0
53	0	REINTSUP	LinStatic	-2,755	-105,911	0	0	0
53	0,3	REINTSUP	LinStatic	-2,755	-39,191	0	0	0
53	0,6	REINTSUP	LinStatic	-2,755	27,529	0	0	0
53	0	BALLAST	LinStatic	-0,178	-6,858	0	0	0
53	0,3	BALLAST	LinStatic	-0,178	-2,538	0	0	0
53	0,6	BALLAST	LinStatic	-0,178	1,782	0	0	0
53	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
53	0,3	STERRASX	LinStatic	-82,772	18,949	0	0	0
53	0,6	STERRASX	LinStatic	-82,772	18,949	0	0	0
53	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
53	0,3	STERRADX	LinStatic	-44,272	-54,133	0	0	0
53	0,6	STERRADX	LinStatic	-44,272	-54,133	0	0	0
53	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
53	0,3	TERMP	LinStatic	-2,999	-0,782	0	0	0
53	0,6	TERMP	LinStatic	-2,999	-0,782	0	0	0
53	0	TERMN	LinStatic	8,998	2,345	0	0	0
53	0,3	TERMN	LinStatic	8,998	2,345	0	0	0
53	0,6	TERMN	LinStatic	8,998	2,345	0	0	0
53	0	GRADTP	LinStatic	6,958	-7,84	0	0	0
53	0,3	GRADTP	LinStatic	6,958	-7,84	0	0	0
53	0,6	GRADTP	LinStatic	6,958	-7,84	0	0	0
53	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
53	0,3	GRADTN	LinStatic	-6,958	7,84	0	0	0
53	0,6	GRADTN	LinStatic	-6,958	7,84	0	0	0
53	0	LM71C	LinStatic	-0,496	-19,049	0	0	0
53	0,3	LM71C	LinStatic	-0,496	-7,049	0	0	0
53	0,6	LM71C	LinStatic	-0,496	4,951	0	0	0
53	0	STLM71	LinStatic	-11,1	2,664	0	0	0
53	0,3	STLM71	LinStatic	-11,1	2,664	0	0	0
53	0,6	STLM71	LinStatic	-11,1	2,664	0	0	0
53	0	AVVLM71	LinStatic	7,202	9,897	0	0	0
53	0,3	AVVLM71	LinStatic	4,718	9,897	0	0	0
53	0,6	AVVLM71	LinStatic	2,234	9,897	0	0	0
53	0	SW2	LinStatic	-0,496	-19,049	0	0	0
53	0,3	SW2	LinStatic	-0,496	-7,049	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
53	0,6	SW2	LinStatic	-0,496	4,951	0	0	0
53	0	STSW2	LinStatic	-11,1	2,664	0	0	0
53	0,3	STSW2	LinStatic	-11,1	2,664	0	0	0
53	0,6	STSW2	LinStatic	-11,1	2,664	0	0	0
53	0	FRENSW2	LinStatic	7,637	10,494	0	0	0
53	0,3	FRENSW2	LinStatic	5,003	10,494	0	0	0
53	0,6	FRENSW2	LinStatic	2,369	10,494	0	0	0
53	0	SERP	LinStatic	0	0	0	0	0
53	0,3	SERP	LinStatic	0	0	0	0	0
53	0,6	SERP	LinStatic	0	0	0	0	0
53	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
53	0,3	INCRTER	LinStatic	-67,499	16,202	0	0	0
53	0,6	INCRTER	LinStatic	-67,499	16,202	0	0	0
53	0	LM71SISO	LinStatic	1,453	1,996	0	0	0
53	0,3	LM71SISO	LinStatic	0,952	1,996	0	0	0
53	0,6	LM71SISO	LinStatic	0,451	1,996	0	0	0
53	0	SW2SISO	LinStatic	2,175	2,988	0	0	0
53	0,3	SW2SISO	LinStatic	1,425	2,988	0	0	0
53	0,6	SW2SISO	LinStatic	0,675	2,988	0	0	0
53	0	SISMAO	LinStatic	1,402	5,239	0	0	0
53	0,3	SISMAO	LinStatic	0,571	5,239	0	0	0
53	0,6	SISMAO	LinStatic	-0,26	5,239	0	0	0
53	0	LM71SVA	LinStatic	0,01	0,395	0	0	0
53	0,3	LM71SVA	LinStatic	0,01	0,146	0	0	0
53	0,6	LM71SVA	LinStatic	0,01	-0,103	0	0	0
53	0	SW2SVA	LinStatic	0,015	0,591	0	0	0
53	0,3	SW2SVA	LinStatic	0,015	0,219	0	0	0
53	0,6	SW2SVA	LinStatic	0,015	-0,153	0	0	0
53	0	SISMAVA	LinStatic	-0,067	17,318	0	0	0
53	0,3	SISMAVA	LinStatic	-0,067	5,843	0	0	0
53	0,6	SISMAVA	LinStatic	-0,067	-5,632	0	0	0
53	0	LM71SVB	LinStatic	-0,01	-0,395	0	0	0
53	0,3	LM71SVB	LinStatic	-0,01	-0,146	0	0	0
53	0,6	LM71SVB	LinStatic	-0,01	0,103	0	0	0
53	0	SW2SVB	LinStatic	-0,015	-0,591	0	0	0
53	0,3	SW2SVB	LinStatic	-0,015	-0,219	0	0	0
53	0,6	SW2SVB	LinStatic	-0,015	0,153	0	0	0
53	0	SISMAVB	LinStatic	0,067	-17,318	0	0	0
53	0,3	SISMAVB	LinStatic	0,067	-5,843	0	0	0
53	0,6	SISMAVB	LinStatic	0,067	5,632	0	0	0
53	0	LM71SX	LinStatic	-0,617	-21,555	0	0	0
53	0,3	LM71SX	LinStatic	-0,617	-9,555	0	0	0
53	0,6	LM71SX	LinStatic	-0,617	2,445	0	0	0
53	0	LM71DX	LinStatic	0,121	2,506	0	0	0
53	0,3	LM71DX	LinStatic	0,121	2,506	0	0	0
53	0,6	LM71DX	LinStatic	0,121	2,506	0	0	0
54	0	PP	LinStatic	2,667	5,376	0	0	0
54	0,3	PP	LinStatic	2,667	8,375	0	0	0
54	0,6	PP	LinStatic	2,667	11,374	0	0	0
54	0	REINTSUP	LinStatic	-2,755	27,529	0	0	0
54	0,3	REINTSUP	LinStatic	-2,755	94,249	0	0	0
54	0,6	REINTSUP	LinStatic	-2,755	160,969	0	0	0
54	0	BALLAST	LinStatic	-0,178	1,782	0	0	0
54	0,3	BALLAST	LinStatic	-0,178	6,102	0	0	0
54	0,6	BALLAST	LinStatic	-0,178	10,422	0	0	0
54	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
54	0,3	STERRASX	LinStatic	-82,772	18,949	0	0	0
54	0,6	STERRASX	LinStatic	-82,772	18,949	0	0	0
54	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
54	0,3	STERRADX	LinStatic	-44,272	-54,133	0	0	0
54	0,6	STERRADX	LinStatic	-44,272	-54,133	0	0	0
54	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
54	0,3	TERMP	LinStatic	-2,999	-0,782	0	0	0
54	0,6	TERMP	LinStatic	-2,999	-0,782	0	0	0
54	0	TERMN	LinStatic	8,998	2,345	0	0	0
54	0,3	TERMN	LinStatic	8,998	2,345	0	0	0
54	0,6	TERMN	LinStatic	8,998	2,345	0	0	0
54	0	GRADTP	LinStatic	6,958	-7,84	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
54	0,3	GRADTP	LinStatic	6,958	-7,84	0	0	0
54	0,6	GRADTP	LinStatic	6,958	-7,84	0	0	0
54	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
54	0,3	GRADTN	LinStatic	-6,958	7,84	0	0	0
54	0,6	GRADTN	LinStatic	-6,958	7,84	0	0	0
54	0	LM71C	LinStatic	-0,496	4,951	0	0	0
54	0,3	LM71C	LinStatic	-0,496	16,951	0	0	0
54	0,6	LM71C	LinStatic	-0,496	28,951	0	0	0
54	0	STLM71	LinStatic	-11,1	2,664	0	0	0
54	0,3	STLM71	LinStatic	-11,1	2,664	0	0	0
54	0,6	STLM71	LinStatic	-11,1	2,664	0	0	0
54	0	AVVLM71	LinStatic	2,234	9,897	0	0	0
54	0,3	AVVLM71	LinStatic	-0,25	9,897	0	0	0
54	0,6	AVVLM71	LinStatic	-2,734	9,897	0	0	0
54	0	SW2	LinStatic	-0,496	4,951	0	0	0
54	0,3	SW2	LinStatic	-0,496	16,951	0	0	0
54	0,6	SW2	LinStatic	-0,496	28,951	0	0	0
54	0	STSW2	LinStatic	-11,1	2,664	0	0	0
54	0,3	STSW2	LinStatic	-11,1	2,664	0	0	0
54	0,6	STSW2	LinStatic	-11,1	2,664	0	0	0
54	0	FRENSW2	LinStatic	2,369	10,494	0	0	0
54	0,3	FRENSW2	LinStatic	-0,265	10,494	0	0	0
54	0,6	FRENSW2	LinStatic	-2,899	10,494	0	0	0
54	0	SERP	LinStatic	0	0	0	0	0
54	0,3	SERP	LinStatic	0	0	0	0	0
54	0,6	SERP	LinStatic	0	0	0	0	0
54	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
54	0,3	INCRTER	LinStatic	-67,499	16,202	0	0	0
54	0,6	INCRTER	LinStatic	-67,499	16,202	0	0	0
54	0	LM71SISO	LinStatic	0,451	1,996	0	0	0
54	0,3	LM71SISO	LinStatic	-0,05	1,996	0	0	0
54	0,6	LM71SISO	LinStatic	-0,551	1,996	0	0	0
54	0	SW2SISO	LinStatic	0,675	2,988	0	0	0
54	0,3	SW2SISO	LinStatic	-0,075	2,988	0	0	0
54	0,6	SW2SISO	LinStatic	-0,825	2,988	0	0	0
54	0	SISMAO	LinStatic	-0,26	5,239	0	0	0
54	0,3	SISMAO	LinStatic	-1,091	5,239	0	0	0
54	0,6	SISMAO	LinStatic	-1,922	5,239	0	0	0
54	0	LM71SVA	LinStatic	0,01	-0,103	0	0	0
54	0,3	LM71SVA	LinStatic	0,01	-0,352	0	0	0
54	0,6	LM71SVA	LinStatic	0,01	-0,601	0	0	0
54	0	SW2SVA	LinStatic	0,015	-0,153	0	0	0
54	0,3	SW2SVA	LinStatic	0,015	-0,525	0	0	0
54	0,6	SW2SVA	LinStatic	0,015	-0,897	0	0	0
54	0	SISMAVA	LinStatic	-0,067	-5,632	0	0	0
54	0,3	SISMAVA	LinStatic	-0,067	-17,107	0	0	0
54	0,6	SISMAVA	LinStatic	-0,067	-28,582	0	0	0
54	0	LM71SVB	LinStatic	-0,01	0,103	0	0	0
54	0,3	LM71SVB	LinStatic	-0,01	0,352	0	0	0
54	0,6	LM71SVB	LinStatic	-0,01	0,601	0	0	0
54	0	SW2SVB	LinStatic	-0,015	0,153	0	0	0
54	0,3	SW2SVB	LinStatic	-0,015	0,525	0	0	0
54	0,6	SW2SVB	LinStatic	-0,015	0,897	0	0	0
54	0	SISMAVB	LinStatic	0,067	5,632	0	0	0
54	0,3	SISMAVB	LinStatic	0,067	17,107	0	0	0
54	0,6	SISMAVB	LinStatic	0,067	28,582	0	0	0
54	0	LM71SX	LinStatic	-0,617	2,445	0	0	0
54	0,3	LM71SX	LinStatic	-0,617	14,445	0	0	0
54	0,6	LM71SX	LinStatic	-0,617	26,445	0	0	0
54	0	LM71DX	LinStatic	0,121	2,506	0	0	0
54	0,3	LM71DX	LinStatic	0,121	2,506	0	0	0
54	0,6	LM71DX	LinStatic	0,121	2,506	0	0	0
55	0	PP	LinStatic	2,667	11,374	0	0	0
55	0,075	PP	LinStatic	2,667	12,124	0	0	0
55	0	REINTSUP	LinStatic	-2,755	160,969	0	0	0
55	0,075	REINTSUP	LinStatic	-2,755	177,649	0	0	0
55	0	BALLAST	LinStatic	-0,178	10,422	0	0	0
55	0,075	BALLAST	LinStatic	-0,178	11,502	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
55	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
55	0,075	STERRASX	LinStatic	-82,772	18,949	0	0	0
55	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
55	0,075	STERRADX	LinStatic	-44,272	-54,133	0	0	0
55	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
55	0,075	TERMP	LinStatic	-2,999	-0,782	0	0	0
55	0	TERMN	LinStatic	8,998	2,345	0	0	0
55	0,075	TERMN	LinStatic	8,998	2,345	0	0	0
55	0	GRADTP	LinStatic	6,958	-7,84	0	0	0
55	0,075	GRADTP	LinStatic	6,958	-7,84	0	0	0
55	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
55	0,075	GRADTN	LinStatic	-6,958	7,84	0	0	0
55	0	LM71C	LinStatic	-0,496	28,951	0	0	0
55	0,075	LM71C	LinStatic	-0,496	31,951	0	0	0
55	0	STLM71	LinStatic	-11,1	2,664	0	0	0
55	0,075	STLM71	LinStatic	-11,1	2,664	0	0	0
55	0	AVVLM71	LinStatic	-2,734	9,897	0	0	0
55	0,075	AVVLM71	LinStatic	-3,355	9,897	0	0	0
55	0	SW2	LinStatic	-0,496	28,951	0	0	0
55	0,075	SW2	LinStatic	-0,496	31,951	0	0	0
55	0	STSW2	LinStatic	-11,1	2,664	0	0	0
55	0,075	STSW2	LinStatic	-11,1	2,664	0	0	0
55	0	FRENSW2	LinStatic	-2,899	10,494	0	0	0
55	0,075	FRENSW2	LinStatic	-3,557	10,494	0	0	0
55	0	SERP	LinStatic	0	0	0	0	0
55	0,075	SERP	LinStatic	0	0	0	0	0
55	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
55	0,075	INCRTER	LinStatic	-67,499	16,202	0	0	0
55	0	LM71SISO	LinStatic	-0,551	1,996	0	0	0
55	0,075	LM71SISO	LinStatic	-0,677	1,996	0	0	0
55	0	SW2SISO	LinStatic	-0,825	2,988	0	0	0
55	0,075	SW2SISO	LinStatic	-1,013	2,988	0	0	0
55	0	SISMAO	LinStatic	-1,922	5,239	0	0	0
55	0,075	SISMAO	LinStatic	-2,13	5,239	0	0	0
55	0	LM71SVA	LinStatic	0,01	-0,601	0	0	0
55	0,075	LM71SVA	LinStatic	0,01	-0,663	0	0	0
55	0	SW2SVA	LinStatic	0,015	-0,897	0	0	0
55	0,075	SW2SVA	LinStatic	0,015	-0,99	0	0	0
55	0	SISMAVA	LinStatic	-0,067	-28,582	0	0	0
55	0,075	SISMAVA	LinStatic	-0,067	-31,451	0	0	0
55	0	LM71SVB	LinStatic	-0,01	0,601	0	0	0
55	0,075	LM71SVB	LinStatic	-0,01	0,663	0	0	0
55	0	SW2SVB	LinStatic	-0,015	0,897	0	0	0
55	0,075	SW2SVB	LinStatic	-0,015	0,99	0	0	0
55	0	SISMAVB	LinStatic	0,067	28,582	0	0	0
55	0,075	SISMAVB	LinStatic	0,067	31,451	0	0	0
55	0	LM71SX	LinStatic	-0,617	26,445	0	0	0
55	0,075	LM71SX	LinStatic	-0,617	29,445	0	0	0
55	0	LM71DX	LinStatic	0,121	2,506	0	0	0
55	0,075	LM71DX	LinStatic	0,121	2,506	0	0	0
56	0	PP	LinStatic	2,667	12,124	0	0	0
56	0,075	PP	LinStatic	2,667	12,874	0	0	0
56	0	REINTSUP	LinStatic	-2,755	177,649	0	0	0
56	0,075	REINTSUP	LinStatic	-2,755	194,329	0	0	0
56	0	BALLAST	LinStatic	-0,178	11,502	0	0	0
56	0,075	BALLAST	LinStatic	-0,178	12,582	0	0	0
56	0	STERRASX	LinStatic	-82,772	18,949	0	0	0
56	0,075	STERRASX	LinStatic	-82,772	18,949	0	0	0
56	0	STERRADX	LinStatic	-44,272	-54,133	0	0	0
56	0,075	STERRADX	LinStatic	-44,272	-54,133	0	0	0
56	0	TERMP	LinStatic	-2,999	-0,782	0	0	0
56	0,075	TERMP	LinStatic	-2,999	-0,782	0	0	0
56	0	TERMN	LinStatic	8,998	2,345	0	0	0
56	0,075	TERMN	LinStatic	8,998	2,345	0	0	0
56	0	GRADTP	LinStatic	6,958	-7,84	0	0	0
56	0,075	GRADTP	LinStatic	6,958	-7,84	0	0	0
56	0	GRADTN	LinStatic	-6,958	7,84	0	0	0
56	0,075	GRADTN	LinStatic	-6,958	7,84	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
56	0	LM71C	LinStatic	-0,496	31,951	0	0	0
56	0,075	LM71C	LinStatic	-0,496	34,951	0	0	0
56	0	STLM71	LinStatic	-11,1	2,664	0	0	0
56	0,075	STLM71	LinStatic	-11,1	2,664	0	0	0
56	0	AVVLM71	LinStatic	-3,355	9,897	0	0	0
56	0,075	AVVLM71	LinStatic	-3,976	9,897	0	0	0
56	0	SW2	LinStatic	-0,496	31,951	0	0	0
56	0,075	SW2	LinStatic	-0,496	34,951	0	0	0
56	0	STSW2	LinStatic	-11,1	2,664	0	0	0
56	0,075	STSW2	LinStatic	-11,1	2,664	0	0	0
56	0	FRENSW2	LinStatic	-3,557	10,494	0	0	0
56	0,075	FRENSW2	LinStatic	-4,216	10,494	0	0	0
56	0	SERP	LinStatic	0	0	0	0	0
56	0,075	SERP	LinStatic	0	0	0	0	0
56	0	INCRTER	LinStatic	-67,499	16,202	0	0	0
56	0,075	INCRTER	LinStatic	-67,499	16,202	0	0	0
56	0	LM71SISO	LinStatic	-0,677	1,996	0	0	0
56	0,075	LM71SISO	LinStatic	-0,802	1,996	0	0	0
56	0	SW2SISO	LinStatic	-1,013	2,988	0	0	0
56	0,075	SW2SISO	LinStatic	-1,2	2,988	0	0	0
56	0	SISMAO	LinStatic	-2,13	5,239	0	0	0
56	0,075	SISMAO	LinStatic	-2,338	5,239	0	0	0
56	0	LM71SVA	LinStatic	0,01	-0,663	0	0	0
56	0,075	LM71SVA	LinStatic	0,01	-0,725	0	0	0
56	0	SW2SVA	LinStatic	0,015	-0,99	0	0	0
56	0,075	SW2SVA	LinStatic	0,015	-1,083	0	0	0
56	0	SISMAVA	LinStatic	-0,067	-31,451	0	0	0
56	0,075	SISMAVA	LinStatic	-0,067	-34,319	0	0	0
56	0	LM71SVB	LinStatic	-0,01	0,663	0	0	0
56	0,075	LM71SVB	LinStatic	-0,01	0,725	0	0	0
56	0	SW2SVB	LinStatic	-0,015	0,99	0	0	0
56	0,075	SW2SVB	LinStatic	-0,015	1,083	0	0	0
56	0	SISMAVB	LinStatic	0,067	31,451	0	0	0
56	0,075	SISMAVB	LinStatic	0,067	34,319	0	0	0
56	0	LM71SX	LinStatic	-0,617	29,445	0	0	0
56	0,075	LM71SX	LinStatic	-0,617	32,445	0	0	0
56	0	LM71DX	LinStatic	0,121	2,506	0	0	0
56	0,075	LM71DX	LinStatic	0,121	2,506	0	0	0
57	0	PP	LinStatic	2,667	-12,874	0	0	0
57	0,075	PP	LinStatic	2,667	-12,124	0	0	0
57	0	REINTSUP	LinStatic	-2,755	-194,329	0	0	0
57	0,075	REINTSUP	LinStatic	-2,755	-177,649	0	0	0
57	0	BALLAST	LinStatic	-0,178	-12,582	0	0	0
57	0,075	BALLAST	LinStatic	-0,178	-11,502	0	0	0
57	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
57	0,075	STERRASX	LinStatic	-44,272	54,133	0	0	0
57	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
57	0,075	STERRADX	LinStatic	-82,772	-18,949	0	0	0
57	0	TERMP	LinStatic	-2,999	0,782	0	0	0
57	0,075	TERMP	LinStatic	-2,999	0,782	0	0	0
57	0	TERMN	LinStatic	8,998	-2,345	0	0	0
57	0,075	TERMN	LinStatic	8,998	-2,345	0	0	0
57	0	GRADTP	LinStatic	6,958	7,84	0	0	0
57	0,075	GRADTP	LinStatic	6,958	7,84	0	0	0
57	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
57	0,075	GRADTN	LinStatic	-6,958	-7,84	0	0	0
57	0	LM71C	LinStatic	-0,496	-34,951	0	0	0
57	0,075	LM71C	LinStatic	-0,496	-31,951	0	0	0
57	0	STLM71	LinStatic	-5,931	7,228	0	0	0
57	0,075	STLM71	LinStatic	-5,931	7,228	0	0	0
57	0	AVVLM71	LinStatic	3,976	9,897	0	0	0
57	0,075	AVVLM71	LinStatic	3,355	9,897	0	0	0
57	0	SW2	LinStatic	-0,496	-34,951	0	0	0
57	0,075	SW2	LinStatic	-0,496	-31,951	0	0	0
57	0	STSW2	LinStatic	-5,931	7,228	0	0	0
57	0,075	STSW2	LinStatic	-5,931	7,228	0	0	0
57	0	FRENSW2	LinStatic	4,216	10,494	0	0	0
57	0,075	FRENSW2	LinStatic	3,557	10,494	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
57	0	SERP	LinStatic	0	0	0	0	0
57	0,075	SERP	LinStatic	0	0	0	0	0
57	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
57	0,075	INCRTER	LinStatic	-36,068	43,951	0	0	0
57	0	LM71SISO	LinStatic	0,802	1,996	0	0	0
57	0,075	LM71SISO	LinStatic	0,677	1,996	0	0	0
57	0	SW2SISO	LinStatic	1,2	2,988	0	0	0
57	0,075	SW2SISO	LinStatic	1,013	2,988	0	0	0
57	0	SISMAO	LinStatic	2,338	5,239	0	0	0
57	0,075	SISMAO	LinStatic	2,13	5,239	0	0	0
57	0	LM71SVA	LinStatic	0,01	0,725	0	0	0
57	0,075	LM71SVA	LinStatic	0,01	0,663	0	0	0
57	0	SW2SVA	LinStatic	0,015	1,083	0	0	0
57	0,075	SW2SVA	LinStatic	0,015	0,99	0	0	0
57	0	SISMAVA	LinStatic	-0,067	34,319	0	0	0
57	0,075	SISMAVA	LinStatic	-0,067	31,451	0	0	0
57	0	LM71SVB	LinStatic	-0,01	-0,725	0	0	0
57	0,075	LM71SVB	LinStatic	-0,01	-0,663	0	0	0
57	0	SW2SVB	LinStatic	-0,015	-1,083	0	0	0
57	0,075	SW2SVB	LinStatic	-0,015	-0,99	0	0	0
57	0	SISMAVB	LinStatic	0,067	-34,319	0	0	0
57	0,075	SISMAVB	LinStatic	0,067	-31,451	0	0	0
57	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
57	0,075	LM71SX	LinStatic	0,121	-2,506	0	0	0
57	0	LM71DX	LinStatic	-0,617	-32,445	0	0	0
57	0,075	LM71DX	LinStatic	-0,617	-29,445	0	0	0
58	0	PP	LinStatic	2,667	-12,124	0	0	0
58	0,075	PP	LinStatic	2,667	-11,374	0	0	0
58	0	REINTSUP	LinStatic	-2,755	-177,649	0	0	0
58	0,075	REINTSUP	LinStatic	-2,755	-160,969	0	0	0
58	0	BALLAST	LinStatic	-0,178	-11,502	0	0	0
58	0,075	BALLAST	LinStatic	-0,178	-10,422	0	0	0
58	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
58	0,075	STERRASX	LinStatic	-44,272	54,133	0	0	0
58	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
58	0,075	STERRADX	LinStatic	-82,772	-18,949	0	0	0
58	0	TERMP	LinStatic	-2,999	0,782	0	0	0
58	0,075	TERMP	LinStatic	-2,999	0,782	0	0	0
58	0	TERMN	LinStatic	8,998	-2,345	0	0	0
58	0,075	TERMN	LinStatic	8,998	-2,345	0	0	0
58	0	GRADTP	LinStatic	6,958	7,84	0	0	0
58	0,075	GRADTP	LinStatic	6,958	7,84	0	0	0
58	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
58	0,075	GRADTN	LinStatic	-6,958	-7,84	0	0	0
58	0	LM71C	LinStatic	-0,496	-31,951	0	0	0
58	0,075	LM71C	LinStatic	-0,496	-28,951	0	0	0
58	0	STLM71	LinStatic	-5,931	7,228	0	0	0
58	0,075	STLM71	LinStatic	-5,931	7,228	0	0	0
58	0	AVVLM71	LinStatic	3,355	9,897	0	0	0
58	0,075	AVVLM71	LinStatic	2,734	9,897	0	0	0
58	0	SW2	LinStatic	-0,496	-31,951	0	0	0
58	0,075	SW2	LinStatic	-0,496	-28,951	0	0	0
58	0	STSW2	LinStatic	-5,931	7,228	0	0	0
58	0,075	STSW2	LinStatic	-5,931	7,228	0	0	0
58	0	FRENSW2	LinStatic	3,557	10,494	0	0	0
58	0,075	FRENSW2	LinStatic	2,899	10,494	0	0	0
58	0	SERP	LinStatic	0	0	0	0	0
58	0,075	SERP	LinStatic	0	0	0	0	0
58	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
58	0,075	INCRTER	LinStatic	-36,068	43,951	0	0	0
58	0	LM71SISO	LinStatic	0,677	1,996	0	0	0
58	0,075	LM71SISO	LinStatic	0,551	1,996	0	0	0
58	0	SW2SISO	LinStatic	1,013	2,988	0	0	0
58	0,075	SW2SISO	LinStatic	0,825	2,988	0	0	0
58	0	SISMAO	LinStatic	2,13	5,239	0	0	0
58	0,075	SISMAO	LinStatic	1,922	5,239	0	0	0
58	0	LM71SVA	LinStatic	0,01	0,663	0	0	0
58	0,075	LM71SVA	LinStatic	0,01	0,601	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
58	0	SW2SVA	LinStatic	0,015	0,99	0	0	0
58	0,075	SW2SVA	LinStatic	0,015	0,897	0	0	0
58	0	SISMAVA	LinStatic	-0,067	31,451	0	0	0
58	0,075	SISMAVA	LinStatic	-0,067	28,582	0	0	0
58	0	LM71SVB	LinStatic	-0,01	-0,663	0	0	0
58	0,075	LM71SVB	LinStatic	-0,01	-0,601	0	0	0
58	0	SW2SVB	LinStatic	-0,015	-0,99	0	0	0
58	0,075	SW2SVB	LinStatic	-0,015	-0,897	0	0	0
58	0	SISMAVB	LinStatic	0,067	-31,451	0	0	0
58	0,075	SISMAVB	LinStatic	0,067	-28,582	0	0	0
58	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
58	0,075	LM71SX	LinStatic	0,121	-2,506	0	0	0
58	0	LM71DX	LinStatic	-0,617	-29,445	0	0	0
58	0,075	LM71DX	LinStatic	-0,617	-26,445	0	0	0
59	0	PP	LinStatic	2,667	-11,374	0	0	0
59	0,3	PP	LinStatic	2,667	-8,375	0	0	0
59	0,6	PP	LinStatic	2,667	-5,376	0	0	0
59	0	REINTSUP	LinStatic	-2,755	-160,969	0	0	0
59	0,3	REINTSUP	LinStatic	-2,755	-94,249	0	0	0
59	0,6	REINTSUP	LinStatic	-2,755	-27,529	0	0	0
59	0	BALLAST	LinStatic	-0,178	-10,422	0	0	0
59	0,3	BALLAST	LinStatic	-0,178	-6,102	0	0	0
59	0,6	BALLAST	LinStatic	-0,178	-1,782	0	0	0
59	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
59	0,3	STERRASX	LinStatic	-44,272	54,133	0	0	0
59	0,6	STERRASX	LinStatic	-44,272	54,133	0	0	0
59	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
59	0,3	STERRADX	LinStatic	-82,772	-18,949	0	0	0
59	0,6	STERRADX	LinStatic	-82,772	-18,949	0	0	0
59	0	TERMP	LinStatic	-2,999	0,782	0	0	0
59	0,3	TERMP	LinStatic	-2,999	0,782	0	0	0
59	0,6	TERMP	LinStatic	-2,999	0,782	0	0	0
59	0	TERMN	LinStatic	8,998	-2,345	0	0	0
59	0,3	TERMN	LinStatic	8,998	-2,345	0	0	0
59	0,6	TERMN	LinStatic	8,998	-2,345	0	0	0
59	0	GRADTP	LinStatic	6,958	7,84	0	0	0
59	0,3	GRADTP	LinStatic	6,958	7,84	0	0	0
59	0,6	GRADTP	LinStatic	6,958	7,84	0	0	0
59	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
59	0,3	GRADTN	LinStatic	-6,958	-7,84	0	0	0
59	0,6	GRADTN	LinStatic	-6,958	-7,84	0	0	0
59	0	LM71C	LinStatic	-0,496	-28,951	0	0	0
59	0,3	LM71C	LinStatic	-0,496	-16,951	0	0	0
59	0,6	LM71C	LinStatic	-0,496	-4,951	0	0	0
59	0	STLM71	LinStatic	-5,931	7,228	0	0	0
59	0,3	STLM71	LinStatic	-5,931	7,228	0	0	0
59	0,6	STLM71	LinStatic	-5,931	7,228	0	0	0
59	0	AVVLM71	LinStatic	2,734	9,897	0	0	0
59	0,3	AVVLM71	LinStatic	0,25	9,897	0	0	0
59	0,6	AVVLM71	LinStatic	-2,234	9,897	0	0	0
59	0	SW2	LinStatic	-0,496	-28,951	0	0	0
59	0,3	SW2	LinStatic	-0,496	-16,951	0	0	0
59	0,6	SW2	LinStatic	-0,496	-4,951	0	0	0
59	0	STSW2	LinStatic	-5,931	7,228	0	0	0
59	0,3	STSW2	LinStatic	-5,931	7,228	0	0	0
59	0,6	STSW2	LinStatic	-5,931	7,228	0	0	0
59	0	FRENSW2	LinStatic	2,899	10,494	0	0	0
59	0,3	FRENSW2	LinStatic	0,265	10,494	0	0	0
59	0,6	FRENSW2	LinStatic	-2,369	10,494	0	0	0
59	0	SERP	LinStatic	0	0	0	0	0
59	0,3	SERP	LinStatic	0	0	0	0	0
59	0,6	SERP	LinStatic	0	0	0	0	0
59	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
59	0,3	INCRTER	LinStatic	-36,068	43,951	0	0	0
59	0,6	INCRTER	LinStatic	-36,068	43,951	0	0	0
59	0	LM71SISO	LinStatic	0,551	1,996	0	0	0
59	0,3	LM71SISO	LinStatic	0,05	1,996	0	0	0
59	0,6	LM71SISO	LinStatic	-0,451	1,996	0	0	0

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Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
59	0	SW2SISO	LinStatic	0,825	2,988	0	0	0
59	0,3	SW2SISO	LinStatic	0,075	2,988	0	0	0
59	0,6	SW2SISO	LinStatic	-0,675	2,988	0	0	0
59	0	SISMAO	LinStatic	1,922	5,239	0	0	0
59	0,3	SISMAO	LinStatic	1,091	5,239	0	0	0
59	0,6	SISMAO	LinStatic	0,26	5,239	0	0	0
59	0	LM71SVA	LinStatic	0,01	0,601	0	0	0
59	0,3	LM71SVA	LinStatic	0,01	0,352	0	0	0
59	0,6	LM71SVA	LinStatic	0,01	0,103	0	0	0
59	0	SW2SVA	LinStatic	0,015	0,897	0	0	0
59	0,3	SW2SVA	LinStatic	0,015	0,525	0	0	0
59	0,6	SW2SVA	LinStatic	0,015	0,153	0	0	0
59	0	SISMAVA	LinStatic	-0,067	28,582	0	0	0
59	0,3	SISMAVA	LinStatic	-0,067	17,107	0	0	0
59	0,6	SISMAVA	LinStatic	-0,067	5,632	0	0	0
59	0	LM71SVB	LinStatic	-0,01	-0,601	0	0	0
59	0,3	LM71SVB	LinStatic	-0,01	-0,352	0	0	0
59	0,6	LM71SVB	LinStatic	-0,01	-0,103	0	0	0
59	0	SW2SVB	LinStatic	-0,015	-0,897	0	0	0
59	0,3	SW2SVB	LinStatic	-0,015	-0,525	0	0	0
59	0,6	SW2SVB	LinStatic	-0,015	-0,153	0	0	0
59	0	SISMAVB	LinStatic	0,067	-28,582	0	0	0
59	0,3	SISMAVB	LinStatic	0,067	-17,107	0	0	0
59	0,6	SISMAVB	LinStatic	0,067	-5,632	0	0	0
59	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
59	0,3	LM71SX	LinStatic	0,121	-2,506	0	0	0
59	0,6	LM71SX	LinStatic	0,121	-2,506	0	0	0
59	0	LM71DX	LinStatic	-0,617	-26,445	0	0	0
59	0,3	LM71DX	LinStatic	-0,617	-14,445	0	0	0
59	0,6	LM71DX	LinStatic	-0,617	-2,445	0	0	0
60	0	PP	LinStatic	2,667	-5,376	0	0	0
60	0,3	PP	LinStatic	2,667	-2,377	0	0	0
60	0,6	PP	LinStatic	2,667	0,622	0	0	0
60	0	REINTSUP	LinStatic	-2,755	-27,529	0	0	0
60	0,3	REINTSUP	LinStatic	-2,755	39,191	0	0	0
60	0,6	REINTSUP	LinStatic	-2,755	105,911	0	0	0
60	0	BALLAST	LinStatic	-0,178	-1,782	0	0	0
60	0,3	BALLAST	LinStatic	-0,178	2,538	0	0	0
60	0,6	BALLAST	LinStatic	-0,178	6,858	0	0	0
60	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
60	0,3	STERRASX	LinStatic	-44,272	54,133	0	0	0
60	0,6	STERRASX	LinStatic	-44,272	54,133	0	0	0
60	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
60	0,3	STERRADX	LinStatic	-82,772	-18,949	0	0	0
60	0,6	STERRADX	LinStatic	-82,772	-18,949	0	0	0
60	0	TERMP	LinStatic	-2,999	0,782	0	0	0
60	0,3	TERMP	LinStatic	-2,999	0,782	0	0	0
60	0,6	TERMP	LinStatic	-2,999	0,782	0	0	0
60	0	TERMN	LinStatic	8,998	-2,345	0	0	0
60	0,3	TERMN	LinStatic	8,998	-2,345	0	0	0
60	0,6	TERMN	LinStatic	8,998	-2,345	0	0	0
60	0	GRADTP	LinStatic	6,958	7,84	0	0	0
60	0,3	GRADTP	LinStatic	6,958	7,84	0	0	0
60	0,6	GRADTP	LinStatic	6,958	7,84	0	0	0
60	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
60	0,3	GRADTN	LinStatic	-6,958	-7,84	0	0	0
60	0,6	GRADTN	LinStatic	-6,958	-7,84	0	0	0
60	0	LM71C	LinStatic	-0,496	-4,951	0	0	0
60	0,3	LM71C	LinStatic	-0,496	7,049	0	0	0
60	0,6	LM71C	LinStatic	-0,496	19,049	0	0	0
60	0	STLM71	LinStatic	-5,931	7,228	0	0	0
60	0,3	STLM71	LinStatic	-5,931	7,228	0	0	0
60	0,6	STLM71	LinStatic	-5,931	7,228	0	0	0
60	0	AVVLM71	LinStatic	-2,234	9,897	0	0	0
60	0,3	AVVLM71	LinStatic	-4,718	9,897	0	0	0
60	0,6	AVVLM71	LinStatic	-7,202	9,897	0	0	0
60	0	SW2	LinStatic	-0,496	-4,951	0	0	0
60	0,3	SW2	LinStatic	-0,496	7,049	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
60	0,6	SW2	LinStatic	-0,496	19,049	0	0	0
60	0	STSW2	LinStatic	-5,931	7,228	0	0	0
60	0,3	STSW2	LinStatic	-5,931	7,228	0	0	0
60	0,6	STSW2	LinStatic	-5,931	7,228	0	0	0
60	0	FRENSW2	LinStatic	-2,369	10,494	0	0	0
60	0,3	FRENSW2	LinStatic	-5,003	10,494	0	0	0
60	0,6	FRENSW2	LinStatic	-7,637	10,494	0	0	0
60	0	SERP	LinStatic	0	0	0	0	0
60	0,3	SERP	LinStatic	0	0	0	0	0
60	0,6	SERP	LinStatic	0	0	0	0	0
60	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
60	0,3	INCRTER	LinStatic	-36,068	43,951	0	0	0
60	0,6	INCRTER	LinStatic	-36,068	43,951	0	0	0
60	0	LM71SISO	LinStatic	-0,451	1,996	0	0	0
60	0,3	LM71SISO	LinStatic	-0,952	1,996	0	0	0
60	0,6	LM71SISO	LinStatic	-1,453	1,996	0	0	0
60	0	SW2SISO	LinStatic	-0,675	2,988	0	0	0
60	0,3	SW2SISO	LinStatic	-1,425	2,988	0	0	0
60	0,6	SW2SISO	LinStatic	-2,175	2,988	0	0	0
60	0	SISMAO	LinStatic	0,26	5,239	0	0	0
60	0,3	SISMAO	LinStatic	-0,571	5,239	0	0	0
60	0,6	SISMAO	LinStatic	-1,402	5,239	0	0	0
60	0	LM71SVA	LinStatic	0,01	0,103	0	0	0
60	0,3	LM71SVA	LinStatic	0,01	-0,146	0	0	0
60	0,6	LM71SVA	LinStatic	0,01	-0,395	0	0	0
60	0	SW2SVA	LinStatic	0,015	0,153	0	0	0
60	0,3	SW2SVA	LinStatic	0,015	-0,219	0	0	0
60	0,6	SW2SVA	LinStatic	0,015	-0,591	0	0	0
60	0	SISMAVA	LinStatic	-0,067	5,632	0	0	0
60	0,3	SISMAVA	LinStatic	-0,067	-5,843	0	0	0
60	0,6	SISMAVA	LinStatic	-0,067	-17,318	0	0	0
60	0	LM71SVB	LinStatic	-0,01	-0,103	0	0	0
60	0,3	LM71SVB	LinStatic	-0,01	0,146	0	0	0
60	0,6	LM71SVB	LinStatic	-0,01	0,395	0	0	0
60	0	SW2SVB	LinStatic	-0,015	-0,153	0	0	0
60	0,3	SW2SVB	LinStatic	-0,015	0,219	0	0	0
60	0,6	SW2SVB	LinStatic	-0,015	0,591	0	0	0
60	0	SISMAVB	LinStatic	0,067	-5,632	0	0	0
60	0,3	SISMAVB	LinStatic	0,067	5,843	0	0	0
60	0,6	SISMAVB	LinStatic	0,067	17,318	0	0	0
60	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
60	0,3	LM71SX	LinStatic	0,121	-2,506	0	0	0
60	0,6	LM71SX	LinStatic	0,121	-2,506	0	0	0
60	0	LM71DX	LinStatic	-0,617	-2,445	0	0	0
60	0,3	LM71DX	LinStatic	-0,617	9,555	0	0	0
60	0,6	LM71DX	LinStatic	-0,617	21,555	0	0	0
61	0	PP	LinStatic	2,667	0,622	0	0	0
61	0,1	PP	LinStatic	2,667	1,622	0	0	0
61	0	REINTSUP	LinStatic	-2,755	105,911	0	0	0
61	0,1	REINTSUP	LinStatic	-2,755	128,151	0	0	0
61	0	BALLAST	LinStatic	-0,178	6,858	0	0	0
61	0,1	BALLAST	LinStatic	-0,178	8,298	0	0	0
61	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
61	0,1	STERRASX	LinStatic	-44,272	54,133	0	0	0
61	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
61	0,1	STERRADX	LinStatic	-82,772	-18,949	0	0	0
61	0	TERMP	LinStatic	-2,999	0,782	0	0	0
61	0,1	TERMP	LinStatic	-2,999	0,782	0	0	0
61	0	TERMN	LinStatic	8,998	-2,345	0	0	0
61	0,1	TERMN	LinStatic	8,998	-2,345	0	0	0
61	0	GRADTP	LinStatic	6,958	7,84	0	0	0
61	0,1	GRADTP	LinStatic	6,958	7,84	0	0	0
61	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
61	0,1	GRADTN	LinStatic	-6,958	-7,84	0	0	0
61	0	LM71C	LinStatic	-0,496	19,049	0	0	0
61	0,1	LM71C	LinStatic	-0,496	23,049	0	0	0
61	0	STLM71	LinStatic	-5,931	7,228	0	0	0
61	0,1	STLM71	LinStatic	-5,931	7,228	0	0	0

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Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
61	0	AVVLM71	LinStatic	-7,202	9,897	0	0	0
61	0,1	AVVLM71	LinStatic	-8,03	9,897	0	0	0
61	0	SW2	LinStatic	-0,496	19,049	0	0	0
61	0,1	SW2	LinStatic	-0,496	23,049	0	0	0
61	0	STSW2	LinStatic	-5,931	7,228	0	0	0
61	0,1	STSW2	LinStatic	-5,931	7,228	0	0	0
61	0	FRENSW2	LinStatic	-7,637	10,494	0	0	0
61	0,1	FRENSW2	LinStatic	-8,515	10,494	0	0	0
61	0	SERP	LinStatic	0	0	0	0	0
61	0,1	SERP	LinStatic	0	0	0	0	0
61	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
61	0,1	INCRTER	LinStatic	-36,068	43,951	0	0	0
61	0	LM71SISO	LinStatic	-1,453	1,996	0	0	0
61	0,1	LM71SISO	LinStatic	-1,62	1,996	0	0	0
61	0	SW2SISO	LinStatic	-2,175	2,988	0	0	0
61	0,1	SW2SISO	LinStatic	-2,425	2,988	0	0	0
61	0	SISMAO	LinStatic	-1,402	5,239	0	0	0
61	0,1	SISMAO	LinStatic	-1,679	5,239	0	0	0
61	0	LM71SVA	LinStatic	0,01	-0,395	0	0	0
61	0,1	LM71SVA	LinStatic	0,01	-0,478	0	0	0
61	0	SW2SVA	LinStatic	0,015	-0,591	0	0	0
61	0,1	SW2SVA	LinStatic	0,015	-0,715	0	0	0
61	0	SISMAVA	LinStatic	-0,067	-17,318	0	0	0
61	0,1	SISMAVA	LinStatic	-0,067	-21,143	0	0	0
61	0	LM71SVB	LinStatic	-0,01	0,395	0	0	0
61	0,1	LM71SVB	LinStatic	-0,01	0,478	0	0	0
61	0	SW2SVB	LinStatic	-0,015	0,591	0	0	0
61	0,1	SW2SVB	LinStatic	-0,015	0,715	0	0	0
61	0	SISMAVB	LinStatic	0,067	17,318	0	0	0
61	0,1	SISMAVB	LinStatic	0,067	21,143	0	0	0
61	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
61	0,1	LM71SX	LinStatic	0,121	-2,506	0	0	0
61	0	LM71DX	LinStatic	-0,617	21,555	0	0	0
61	0,1	LM71DX	LinStatic	-0,617	25,555	0	0	0
62	0	PP	LinStatic	2,667	1,622	0	0	0
62	0,1	PP	LinStatic	2,667	2,622	0	0	0
62	0	REINTSUP	LinStatic	-2,755	128,151	0	0	0
62	0,1	REINTSUP	LinStatic	-2,755	150,391	0	0	0
62	0	BALLAST	LinStatic	-0,178	8,298	0	0	0
62	0,1	BALLAST	LinStatic	-0,178	9,738	0	0	0
62	0	STERRASX	LinStatic	-44,272	54,133	0	0	0
62	0,1	STERRASX	LinStatic	-44,272	54,133	0	0	0
62	0	STERRADX	LinStatic	-82,772	-18,949	0	0	0
62	0,1	STERRADX	LinStatic	-82,772	-18,949	0	0	0
62	0	TERMP	LinStatic	-2,999	0,782	0	0	0
62	0,1	TERMP	LinStatic	-2,999	0,782	0	0	0
62	0	TERMN	LinStatic	8,998	-2,345	0	0	0
62	0,1	TERMN	LinStatic	8,998	-2,345	0	0	0
62	0	GRADTP	LinStatic	6,958	7,84	0	0	0
62	0,1	GRADTP	LinStatic	6,958	7,84	0	0	0
62	0	GRADTN	LinStatic	-6,958	-7,84	0	0	0
62	0,1	GRADTN	LinStatic	-6,958	-7,84	0	0	0
62	0	LM71C	LinStatic	-0,496	23,049	0	0	0
62	0,1	LM71C	LinStatic	-0,496	27,049	0	0	0
62	0	STLM71	LinStatic	-5,931	7,228	0	0	0
62	0,1	STLM71	LinStatic	-5,931	7,228	0	0	0
62	0	AVVLM71	LinStatic	-8,03	9,897	0	0	0
62	0,1	AVVLM71	LinStatic	-8,858	9,897	0	0	0
62	0	SW2	LinStatic	-0,496	23,049	0	0	0
62	0,1	SW2	LinStatic	-0,496	27,049	0	0	0
62	0	STSW2	LinStatic	-5,931	7,228	0	0	0
62	0,1	STSW2	LinStatic	-5,931	7,228	0	0	0
62	0	FRENSW2	LinStatic	-8,515	10,494	0	0	0
62	0,1	FRENSW2	LinStatic	-9,393	10,494	0	0	0
62	0	SERP	LinStatic	0	0	0	0	0
62	0,1	SERP	LinStatic	0	0	0	0	0
62	0	INCRTER	LinStatic	-36,068	43,951	0	0	0
62	0,1	INCRTER	LinStatic	-36,068	43,951	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
62	0	LM71SISO	LinStatic	-1,62	1,996	0	0	0
62	0,1	LM71SISO	LinStatic	-1,787	1,996	0	0	0
62	0	SW2SISO	LinStatic	-2,425	2,988	0	0	0
62	0,1	SW2SISO	LinStatic	-2,675	2,988	0	0	0
62	0	SISMAO	LinStatic	-1,679	5,239	0	0	0
62	0,1	SISMAO	LinStatic	-1,956	5,239	0	0	0
62	0	LM71SVA	LinStatic	0,01	-0,478	0	0	0
62	0,1	LM71SVA	LinStatic	0,01	-0,561	0	0	0
62	0	SW2SVA	LinStatic	0,015	-0,715	0	0	0
62	0,1	SW2SVA	LinStatic	0,015	-0,839	0	0	0
62	0	SISMAVA	LinStatic	-0,067	-21,143	0	0	0
62	0,1	SISMAVA	LinStatic	-0,067	-24,968	0	0	0
62	0	LM71SVB	LinStatic	-0,01	0,478	0	0	0
62	0,1	LM71SVB	LinStatic	-0,01	0,561	0	0	0
62	0	SW2SVB	LinStatic	-0,015	0,715	0	0	0
62	0,1	SW2SVB	LinStatic	-0,015	0,839	0	0	0
62	0	SISMAVB	LinStatic	0,067	21,143	0	0	0
62	0,1	SISMAVB	LinStatic	0,067	24,968	0	0	0
62	0	LM71SX	LinStatic	0,121	-2,506	0	0	0
62	0,1	LM71SX	LinStatic	0,121	-2,506	0	0	0
62	0	LM71DX	LinStatic	-0,617	25,555	0	0	0
62	0,1	LM71DX	LinStatic	-0,617	29,555	0	0	0

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0	PP	4,5223	1-1	0
1	0,1	PP	1,9687	1-1	0,1
1	0	REINTSUP	9,55	1-1	0
1	0,1	REINTSUP	-4,3814	1-1	0,1
1	0	BALLAST	0,6183	1-1	0
1	0,1	BALLAST	-0,2837	1-1	0,1
1	0	STERRASX	100,8891	1-1	0
1	0,1	STERRASX	101,7908	1-1	0,1
1	0	STERRADX	-55,1153	1-1	0
1	0,1	STERRADX	-59,5359	1-1	0,1
1	0	TERMP	-3,9592	1-1	0
1	0,1	TERMP	-4,0371	1-1	0,1
1	0	TERMN	11,8776	1-1	0
1	0,1	TERMN	12,1113	1-1	0,1
1	0	GRADTP	5,6502	1-1	0
1	0,1	GRADTP	4,8663	1-1	0,1
1	0	GRADTN	-5,6502	1-1	0
1	0,1	GRADTN	-4,8663	1-1	0,1
1	0	LM71C	1,7176	1-1	0
1	0,1	LM71C	-0,788	1-1	0,1
1	0	STLM71	13,281	1-1	0
1	0,1	STLM71	13,4145	1-1	0,1
1	0	AVVLM71	11,0983	1-1	0
1	0,1	AVVLM71	11,8922	1-1	0,1
1	0	SW2	1,7176	1-1	0
1	0,1	SW2	-0,788	1-1	0,1
1	0	STSW2	13,281	1-1	0
1	0,1	STSW2	13,4145	1-1	0,1
1	0	FRENSW2	11,7685	1-1	0
1	0,1	FRENSW2	12,6103	1-1	0,1
1	0	SERP	0	1-1	0
1	0,1	SERP	0	1-1	0,1
1	0	INCRTER	80,7605	1-1	0
1	0,1	INCRTER	81,5728	1-1	0,1
1	0	LM71SISO	2,2384	1-1	0
1	0,1	LM71SISO	2,3985	1-1	0,1
1	0	SW2SISO	3,3509	1-1	0
1	0,1	SW2SISO	3,5906	1-1	0,1
1	0	SISMAO	7,7415	1-1	0
1	0,1	SISMAO	8,1481	1-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0	LM71SVA	-0,0356	1-1	0
1	0,1	LM71SVA	0,0164	1-1	0,1
1	0	SW2SVA	-0,0532	1-1	0
1	0,1	SW2SVA	0,0244	1-1	0,1
1	0	SISMAVA	-2,3937	1-1	0
1	0,1	SISMAVA	0,2801	1-1	0,1
1	0	LM71SVB	0,0356	1-1	0
1	0,1	LM71SVB	-0,0164	1-1	0,1
1	0	SW2SVB	0,0532	1-1	0
1	0,1	SW2SVB	-0,0244	1-1	0,1
1	0	SISMAVB	2,3937	1-1	0
1	0,1	SISMAVB	-0,2801	1-1	0,1
1	0	LM71SX	1,5489	1-1	0
1	0,1	LM71SX	-1,1574	1-1	0,1
1	0	LM71DX	0,1687	1-1	0
1	0,1	LM71DX	0,3694	1-1	0,1
2	0	PP	1,9687	2-1	0
2	0,1	PP	-0,2693	2-1	0,1
2	0	REINTSUP	-4,3814	2-1	0
2	0,1	REINTSUP	-16,0979	2-1	0,1
2	0	BALLAST	-0,2837	2-1	0
2	0,1	BALLAST	-1,0423	2-1	0,1
2	0	STERRASX	101,7908	2-1	0
2	0,1	STERRASX	100,835	2-1	0,1
2	0	STERRADX	-59,5359	2-1	0
2	0,1	STERRADX	-62,0999	2-1	0,1
2	0	TERMP	-4,0371	2-1	0
2	0,1	TERMP	-4,1145	2-1	0,1
2	0	TERMN	12,1113	2-1	0
2	0,1	TERMN	12,3436	2-1	0,1
2	0	GRADTP	4,8663	2-1	0
2	0,1	GRADTP	4,0827	2-1	0,1
2	0	GRADTN	-4,8663	2-1	0
2	0,1	GRADTN	-4,0827	2-1	0,1
2	0	LM71C	-0,788	2-1	0
2	0,1	LM71C	-2,8953	2-1	0,1
2	0	STLM71	13,4145	2-1	0
2	0,1	STLM71	13,2997	2-1	0,1
2	0	AVVLM71	11,8922	2-1	0
2	0,1	AVVLM71	12,3198	2-1	0,1
2	0	SW2	-0,788	2-1	0
2	0,1	SW2	-2,8953	2-1	0,1
2	0	STSW2	13,4145	2-1	0
2	0,1	STSW2	13,2997	2-1	0,1
2	0	FRENSW2	12,6103	2-1	0
2	0,1	FRENSW2	13,0638	2-1	0,1
2	0	SERP	0	2-1	0
2	0,1	SERP	0	2-1	0,1
2	0	INCRTER	81,5728	2-1	0
2	0,1	INCRTER	80,8743	2-1	0,1
2	0	LM71SISO	2,3985	2-1	0
2	0,1	LM71SISO	2,4848	2-1	0,1
2	0	SW2SISO	3,5906	2-1	0
2	0,1	SW2SISO	3,7198	2-1	0,1
2	0	SISMAO	8,1481	2-1	0
2	0,1	SISMAO	8,3354	2-1	0,1
2	0	LM71SVA	0,0164	2-1	0
2	0,1	LM71SVA	0,0601	2-1	0,1
2	0	SW2SVA	0,0244	2-1	0
2	0,1	SW2SVA	0,0898	2-1	0,1
2	0	SISMAVA	0,2801	2-1	0
2	0,1	SISMAVA	2,5485	2-1	0,1
2	0	LM71SVB	-0,0164	2-1	0
2	0,1	LM71SVB	-0,0601	2-1	0,1
2	0	SW2SVB	-0,0244	2-1	0
2	0,1	SW2SVB	-0,0898	2-1	0,1
2	0	SISMAVB	-0,2801	2-1	0
2	0,1	SISMAVB	-2,5485	2-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	0	LM71SX	-1,1574	2-1	0
2	0,1	LM71SX	-3,3848	2-1	0,1
2	0	LM71DX	0,3694	2-1	0
2	0,1	LM71DX	0,4895	2-1	0,1
3	0	PP	-0,2693	3-1	0
3	0,135	PP	-2,7901	3-1	0,135
3	0	REINTSUP	-16,0979	3-1	0
3	0,135	REINTSUP	-28,4027	3-1	0,135
3	0	BALLAST	-1,0423	3-1	0
3	0,135	BALLAST	-1,839	3-1	0,135
3	0	STERRASX	100,835	3-1	0
3	0,135	STERRASX	96,8028	3-1	0,135
3	0	STERRADX	-62,0999	3-1	0
3	0,135	STERRADX	-62,82	3-1	0,135
3	0	TERMP	-4,1145	3-1	0
3	0,135	TERMP	-4,2185	3-1	0,135
3	0	TERMN	12,3436	3-1	0
3	0,135	TERMN	12,6555	3-1	0,135
3	0	GRADTP	4,0827	3-1	0
3	0,135	GRADTP	3,0251	3-1	0,135
3	0	GRADTN	-4,0827	3-1	0
3	0,135	GRADTN	-3,0251	3-1	0,135
3	0	LM71C	-2,8953	3-1	0
3	0,135	LM71C	-5,1084	3-1	0,135
3	0	STLM71	13,2997	3-1	0
3	0,135	STLM71	12,7778	3-1	0,135
3	0	AVVLM71	12,3198	3-1	0
3	0,135	AVVLM71	12,3565	3-1	0,135
3	0	SW2	-2,8953	3-1	0
3	0,135	SW2	-5,1084	3-1	0,135
3	0	STSW2	13,2997	3-1	0
3	0,135	STSW2	12,7778	3-1	0,135
3	0	FRENSW2	13,0638	3-1	0
3	0,135	FRENSW2	13,1027	3-1	0,135
3	0	SERP	0	3-1	0
3	0,135	SERP	0	3-1	0,135
3	0	INCRTER	80,8743	3-1	0
3	0,135	INCRTER	77,7012	3-1	0,135
3	0	LM71SISO	2,4848	3-1	0
3	0,135	LM71SISO	2,4922	3-1	0,135
3	0	SW2SISO	3,7198	3-1	0
3	0,135	SW2SISO	3,7308	3-1	0,135
3	0	SISMAO	8,3354	3-1	0
3	0,135	SISMAO	8,2643	3-1	0,135
3	0	LM71SVA	0,0601	3-1	0
3	0,135	LM71SVA	0,106	3-1	0,135
3	0	SW2SVA	0,0898	3-1	0
3	0,135	SW2SVA	0,1584	3-1	0,135
3	0	SISMAVA	2,5485	3-1	0
3	0,135	SISMAVA	4,968	3-1	0,135
3	0	LM71SVB	-0,0601	3-1	0
3	0,135	LM71SVB	-0,106	3-1	0,135
3	0	SW2SVB	-0,0898	3-1	0
3	0,135	SW2SVB	-0,1584	3-1	0,135
3	0	SISMAVB	-2,5485	3-1	0
3	0,135	SISMAVB	-4,968	3-1	0,135
3	0	LM71SX	-3,3848	3-1	0
3	0,135	LM71SX	-5,6629	3-1	0,135
3	0	LM71DX	0,4895	3-1	0
3	0,135	LM71DX	0,5545	3-1	0,135
4	0	PP	-2,7901	4-1	0
4	0,135	PP	-4,7361	4-1	0,135
4	0	REINTSUP	-28,4027	4-1	0
4	0,135	REINTSUP	-36,6729	4-1	0,135
4	0	BALLAST	-1,839	4-1	0
4	0,135	BALLAST	-2,3745	4-1	0,135
4	0	STERRASX	96,8028	4-1	0
4	0,135	STERRASX	89,9368	4-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
4	0	STERRADX	-62,82	4-1	0
4	0,135	STERRADX	-60,7068	4-1	0,135
4	0	TERMP	-4,2185	4-1	0
4	0,135	TERMP	-4,322	4-1	0,135
4	0	TERMN	12,6555	4-1	0
4	0,135	TERMN	12,9661	4-1	0,135
4	0	GRADTP	3,0251	4-1	0
4	0,135	GRADTP	1,9679	4-1	0,135
4	0	GRADTN	-3,0251	4-1	0
4	0,135	GRADTN	-1,9679	4-1	0,135
4	0	LM71C	-5,1084	4-1	0
4	0,135	LM71C	-6,5958	4-1	0,135
4	0	STLM71	12,7778	4-1	0
4	0,135	STLM71	11,877	4-1	0,135
4	0	AVVLM71	12,3565	4-1	0
4	0,135	AVVLM71	11,8343	4-1	0,135
4	0	SW2	-5,1084	4-1	0
4	0,135	SW2	-6,5958	4-1	0,135
4	0	STSW2	12,7778	4-1	0
4	0,135	STSW2	11,877	4-1	0,135
4	0	FRENSW2	13,1027	4-1	0
4	0,135	FRENSW2	12,5489	4-1	0,135
4	0	SERP	0	4-1	0
4	0,135	SERP	0	4-1	0,135
4	0	INCRTER	77,7012	4-1	0
4	0,135	INCRTER	72,2232	4-1	0,135
4	0	LM71SISO	2,4922	4-1	0
4	0,135	LM71SISO	2,3869	4-1	0,135
4	0	SW2SISO	3,7308	4-1	0
4	0,135	SW2SISO	3,5732	4-1	0,135
4	0	SISMAO	8,2643	4-1	0
4	0,135	SISMAO	7,8586	4-1	0,135
4	0	LM71SVA	0,106	4-1	0
4	0,135	LM71SVA	0,1369	4-1	0,135
4	0	SW2SVA	0,1584	4-1	0
4	0,135	SW2SVA	0,2045	4-1	0,135
4	0	SISMAVA	4,968	4-1	0
4	0,135	SISMAVA	6,649	4-1	0,135
4	0	LM71SVB	-0,106	4-1	0
4	0,135	LM71SVB	-0,1369	4-1	0,135
4	0	SW2SVB	-0,1584	4-1	0
4	0,135	SW2SVB	-0,2045	4-1	0,135
4	0	SISMAVB	-4,968	4-1	0
4	0,135	SISMAVB	-6,649	4-1	0,135
4	0	LM71SX	-5,6629	4-1	0
4	0,135	LM71SX	-7,1511	4-1	0,135
4	0	LM71DX	0,5545	4-1	0
4	0,135	LM71DX	0,5553	4-1	0,135
5	0	PP	-4,7361	5-1	0
5	0,135	PP	-6,1077	5-1	0,135
5	0	REINTSUP	-36,6729	5-1	0
5	0,135	REINTSUP	-40,9094	5-1	0,135
5	0	BALLAST	-2,3745	5-1	0
5	0,135	BALLAST	-2,6488	5-1	0,135
5	0	STERRASX	89,9368	5-1	0
5	0,135	STERRASX	80,5534	5-1	0,135
5	0	STERRADX	-60,7068	5-1	0
5	0,135	STERRADX	-56,0759	5-1	0,135
5	0	TERMP	-4,322	5-1	0
5	0,135	TERMP	-4,4253	5-1	0,135
5	0	TERMN	12,9661	5-1	0
5	0,135	TERMN	13,2759	5-1	0,135
5	0	GRADTP	1,9679	5-1	0
5	0,135	GRADTP	0,9109	5-1	0,135
5	0	GRADTN	-1,9679	5-1	0
5	0,135	GRADTN	-0,9109	5-1	0,135
5	0	LM71C	-6,5958	5-1	0
5	0,135	LM71C	-7,3578	5-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
5	0	STLM71	11,877	5-1	0
5	0,135	STLM71	10,6394	5-1	0,135
5	0	AVVLM71	11,8343	5-1	0
5	0,135	AVVLM71	10,8155	5-1	0,135
5	0	SW2	-6,5958	5-1	0
5	0,135	SW2	-7,3578	5-1	0,135
5	0	STSW2	11,877	5-1	0
5	0,135	STSW2	10,6394	5-1	0,135
5	0	FRENSW2	12,5489	5-1	0
5	0,135	FRENSW2	11,4686	5-1	0,135
5	0	SERP	0	5-1	0
5	0,135	SERP	0	5-1	0,135
5	0	INCRTER	72,2232	5-1	0
5	0,135	INCRTER	64,6976	5-1	0,135
5	0	LM71SISO	2,3869	5-1	0
5	0,135	LM71SISO	2,1814	5-1	0,135
5	0	SW2SISO	3,5732	5-1	0
5	0,135	SW2SISO	3,2655	5-1	0,135
5	0	SISMAO	7,8586	5-1	0
5	0,135	SISMAO	7,1554	5-1	0,135
5	0	LM71SVA	0,1369	5-1	0
5	0,135	LM71SVA	0,1527	5-1	0,135
5	0	SW2SVA	0,2045	5-1	0
5	0,135	SW2SVA	0,2281	5-1	0,135
5	0	SISMAVA	6,649	5-1	0
5	0,135	SISMAVA	7,5919	5-1	0,135
5	0	LM71SVB	-0,1369	5-1	0
5	0,135	LM71SVB	-0,1527	5-1	0,135
5	0	SW2SVB	-0,2045	5-1	0
5	0,135	SW2SVB	-0,2281	5-1	0,135
5	0	SISMAVB	-6,649	5-1	0
5	0,135	SISMAVB	-7,5919	5-1	0,135
5	0	LM71SX	-7,1511	5-1	0
5	0,135	LM71SX	-7,8971	5-1	0,135
5	0	LM71DX	0,5553	5-1	0
5	0,135	LM71DX	0,5393	5-1	0,135
6	0	PP	-6,1077	6-1	0
6	0,135	PP	-6,9049	6-1	0,135
6	0	REINTSUP	-40,9094	6-1	0
6	0,135	REINTSUP	-41,113	6-1	0,135
6	0	BALLAST	-2,6488	6-1	0
6	0,135	BALLAST	-2,662	6-1	0,135
6	0	STERRASX	80,5534	6-1	0
6	0,135	STERRASX	68,9681	6-1	0,135
6	0	STERRADX	-56,0759	6-1	0
6	0,135	STERRADX	-49,2429	6-1	0,135
6	0	TERMP	-4,4253	6-1	0
6	0,135	TERMP	-4,5285	6-1	0,135
6	0	TERMN	13,2759	6-1	0
6	0,135	TERMN	13,5856	6-1	0,135
6	0	GRADTP	0,9109	6-1	0
6	0,135	GRADTP	-0,146	6-1	0,135
6	0	GRADTN	-0,9109	6-1	0
6	0,135	GRADTN	0,146	6-1	0,135
6	0	LM71C	-7,3578	6-1	0
6	0,135	LM71C	-7,3944	6-1	0,135
6	0	STLM71	10,6394	6-1	0
6	0,135	STLM71	9,1073	6-1	0,135
6	0	AVVLM71	10,8155	6-1	0
6	0,135	AVVLM71	9,3623	6-1	0,135
6	0	SW2	-7,3578	6-1	0
6	0,135	SW2	-7,3944	6-1	0,135
6	0	STSW2	10,6394	6-1	0
6	0,135	STSW2	9,1073	6-1	0,135
6	0	FRENSW2	11,4686	6-1	0
6	0,135	FRENSW2	9,9277	6-1	0,135
6	0	SERP	0	6-1	0
6	0,135	SERP	0	6-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
6	0	INCRTER	64,6976	6-1	0
6	0,135	INCRTER	55,381	6-1	0,135
6	0	LM71SISO	2,1814	6-1	0
6	0,135	LM71SISO	1,8883	6-1	0,135
6	0	SW2SISO	3,2655	6-1	0
6	0,135	SW2SISO	2,8268	6-1	0,135
6	0	SISMAO	7,1554	6-1	0
6	0,135	SISMAO	6,1921	6-1	0,135
6	0	LM71SVA	0,1527	6-1	0
6	0,135	LM71SVA	0,1534	6-1	0,135
6	0	SW2SVA	0,2281	6-1	0
6	0,135	SW2SVA	0,2292	6-1	0,135
6	0	SISMAVA	7,5919	6-1	0
6	0,135	SISMAVA	7,7966	6-1	0,135
6	0	LM71SVB	-0,1527	6-1	0
6	0,135	LM71SVB	-0,1534	6-1	0,135
6	0	SW2SVB	-0,2281	6-1	0
6	0,135	SW2SVB	-0,2292	6-1	0,135
6	0	SISMAVB	-7,5919	6-1	0
6	0,135	SISMAVB	-7,7966	6-1	0,135
6	0	LM71SX	-7,8971	6-1	0
6	0,135	LM71SX	-7,9484	6-1	0,135
6	0	LM71DX	0,5393	6-1	0
6	0,135	LM71DX	0,554	6-1	0,135
7	0	PP	-6,9049	7-1	0
7	0,135	PP	-7,128	7-1	0,135
7	0	REINTSUP	-41,113	7-1	0
7	0,135	REINTSUP	-37,2841	7-1	0,135
7	0	BALLAST	-2,662	7-1	0
7	0,135	BALLAST	-2,4141	7-1	0,135
7	0	STERRASX	68,9681	7-1	0
7	0,135	STERRASX	55,4961	7-1	0,135
7	0	STERRADX	-49,2429	7-1	0
7	0,135	STERRADX	-40,5227	7-1	0,135
7	0	TERMP	-4,5285	7-1	0
7	0,135	TERMP	-4,6318	7-1	0,135
7	0	TERMN	13,5856	7-1	0
7	0,135	TERMN	13,8955	7-1	0,135
7	0	GRADTP	-0,146	7-1	0
7	0,135	GRADTP	-1,2028	7-1	0,135
7	0	GRADTN	0,146	7-1	0
7	0,135	GRADTN	1,2028	7-1	0,135
7	0	LM71C	-7,3944	7-1	0
7	0,135	LM71C	-6,7058	7-1	0,135
7	0	STLM71	9,1073	7-1	0
7	0,135	STLM71	7,3229	7-1	0,135
7	0	AVVLM71	9,3623	7-1	0
7	0,135	AVVLM71	7,5369	7-1	0,135
7	0	SW2	-7,3944	7-1	0
7	0,135	SW2	-6,7058	7-1	0,135
7	0	STSW2	9,1073	7-1	0
7	0,135	STSW2	7,3229	7-1	0,135
7	0	FRENSW2	9,9277	7-1	0
7	0,135	FRENSW2	7,992	7-1	0,135
7	0	SERP	0	7-1	0
7	0,135	SERP	0	7-1	0,135
7	0	INCRTER	55,381	7-1	0
7	0,135	INCRTER	44,5299	7-1	0,135
7	0	LM71SISO	1,8883	7-1	0
7	0,135	LM71SISO	1,5201	7-1	0,135
7	0	SW2SISO	2,8268	7-1	0
7	0,135	SW2SISO	2,2756	7-1	0,135
7	0	SISMAO	6,1921	7-1	0
7	0,135	SISMAO	5,0058	7-1	0,135
7	0	LM71SVA	0,1534	7-1	0
7	0,135	LM71SVA	0,1391	7-1	0,135
7	0	SW2SVA	0,2292	7-1	0
7	0,135	SW2SVA	0,2079	7-1	0,135

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7	0	SISMAVA	7,7966	7-1	0
7	0,135	SISMAVA	7,2634	7-1	0,135
7	0	LM71SVB	-0,1534	7-1	0
7	0,135	LM71SVB	-0,1391	7-1	0,135
7	0	SW2SVB	-0,2292	7-1	0
7	0,135	SW2SVB	-0,2079	7-1	0,135
7	0	SISMAVB	-7,7966	7-1	0
7	0,135	SISMAVB	-7,2634	7-1	0,135
7	0	LM71SX	-7,9484	7-1	0
7	0,135	LM71SX	-7,3526	7-1	0,135
7	0	LM71DX	0,554	7-1	0
7	0,135	LM71DX	0,6468	7-1	0,135
8	0	PP	-7,128	8-1	0
8	0,135	PP	-6,7771	8-1	0,135
8	0	REINTSUP	-37,2841	8-1	0
8	0,135	REINTSUP	-29,4227	8-1	0,135
8	0	BALLAST	-2,4141	8-1	0
8	0,135	BALLAST	-1,9051	8-1	0,135
8	0	STERRASX	55,4961	8-1	0
8	0,135	STERRASX	40,4525	8-1	0,135
8	0	STERRADX	-40,5227	8-1	0
8	0,135	STERRADX	-30,2304	8-1	0,135
8	0	TERMP	-4,6318	8-1	0
8	0,135	TERMP	-4,7354	8-1	0,135
8	0	TERMN	13,8955	8-1	0
8	0,135	TERMN	14,2061	8-1	0,135
8	0	GRADTP	-1,2028	8-1	0
8	0,135	GRADTP	-2,2598	8-1	0,135
8	0	GRADTN	1,2028	8-1	0
8	0,135	GRADTN	2,2598	8-1	0,135
8	0	LM71C	-6,7058	8-1	0
8	0,135	LM71C	-5,2919	8-1	0,135
8	0	STLM71	7,3229	8-1	0
8	0,135	STLM71	5,3282	8-1	0,135
8	0	AVVLM71	7,5369	8-1	0
8	0,135	AVVLM71	5,4014	8-1	0,135
8	0	SW2	-6,7058	8-1	0
8	0,135	SW2	-5,2919	8-1	0,135
8	0	STSW2	7,3229	8-1	0
8	0,135	STSW2	5,3282	8-1	0,135
8	0	FRENSW2	7,992	8-1	0
8	0,135	FRENSW2	5,7275	8-1	0,135
8	0	SERP	0	8-1	0
8	0,135	SERP	0	8-1	0,135
8	0	INCRTER	44,5299	8-1	0
8	0,135	INCRTER	32,4003	8-1	0,135
8	0	LM71SISO	1,5201	8-1	0
8	0,135	LM71SISO	1,0894	8-1	0,135
8	0	SW2SISO	2,2756	8-1	0
8	0,135	SW2SISO	1,6309	8-1	0,135
8	0	SISMAO	5,0058	8-1	0
8	0,135	SISMAO	3,6339	8-1	0,135
8	0	LM71SVA	0,1391	8-1	0
8	0,135	LM71SVA	0,1098	8-1	0,135
8	0	SW2SVA	0,2079	8-1	0
8	0,135	SW2SVA	0,164	8-1	0,135
8	0	SISMAVA	7,2634	8-1	0
8	0,135	SISMAVA	5,9923	8-1	0,135
8	0	LM71SVB	-0,1391	8-1	0
8	0,135	LM71SVB	-0,1098	8-1	0,135
8	0	SW2SVB	-0,2079	8-1	0
8	0,135	SW2SVB	-0,164	8-1	0,135
8	0	SISMAVB	-7,2634	8-1	0
8	0,135	SISMAVB	-5,9923	8-1	0,135
8	0	LM71SX	-7,3526	8-1	0
8	0,135	LM71SX	-6,1571	8-1	0,135
8	0	LM71DX	0,6468	8-1	0
8	0,135	LM71DX	0,8652	8-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
9	0	PP	-6,7771	9-1	0
9	0,135	PP	-5,8523	9-1	0,135
9	0	REINTSUP	-29,4227	9-1	0
9	0,135	REINTSUP	-17,5289	9-1	0,135
9	0	BALLAST	-1,9051	9-1	0
9	0,135	BALLAST	-1,135	9-1	0,135
9	0	STERRASX	40,4525	9-1	0
9	0,135	STERRASX	24,1518	9-1	0,135
9	0	STERRADX	-30,2304	9-1	0
9	0,135	STERRADX	-18,6804	9-1	0,135
9	0	TERMP	-4,7354	9-1	0
9	0,135	TERMP	-4,8392	9-1	0,135
9	0	TERMN	14,2061	9-1	0
9	0,135	TERMN	14,5176	9-1	0,135
9	0	GRADTP	-2,2598	9-1	0
9	0,135	GRADTP	-3,3169	9-1	0,135
9	0	GRADTN	2,2598	9-1	0
9	0,135	GRADTN	3,3169	9-1	0,135
9	0	LM71C	-5,2919	9-1	0
9	0,135	LM71C	-3,1527	9-1	0,135
9	0	STLM71	5,3282	9-1	0
9	0,135	STLM71	3,1653	9-1	0,135
9	0	AVVLM71	5,4014	9-1	0
9	0,135	AVVLM71	3,0178	9-1	0,135
9	0	SW2	-5,2919	9-1	0
9	0,135	SW2	-3,1527	9-1	0,135
9	0	STSW2	5,3282	9-1	0
9	0,135	STSW2	3,1653	9-1	0,135
9	0	FRENSW2	5,7275	9-1	0
9	0,135	FRENSW2	3,2	9-1	0,135
9	0	SERP	0	9-1	0
9	0,135	SERP	0	9-1	0,135
9	0	INCRTER	32,4003	9-1	0
9	0,135	INCRTER	19,2482	9-1	0,135
9	0	LM71SISO	1,0894	9-1	0
9	0,135	LM71SISO	0,6087	9-1	0,135
9	0	SW2SISO	1,6309	9-1	0
9	0,135	SW2SISO	0,9112	9-1	0,135
9	0	SISMAO	3,6339	9-1	0
9	0,135	SISMAO	2,1134	9-1	0,135
9	0	LM71SVA	0,1098	9-1	0
9	0,135	LM71SVA	0,0654	9-1	0,135
9	0	SW2SVA	0,164	9-1	0
9	0,135	SW2SVA	0,0977	9-1	0,135
9	0	SISMAVA	5,9923	9-1	0
9	0,135	SISMAVA	3,9833	9-1	0,135
9	0	LM71SVB	-0,1098	9-1	0
9	0,135	LM71SVB	-0,0654	9-1	0,135
9	0	SW2SVB	-0,164	9-1	0
9	0,135	SW2SVB	-0,0977	9-1	0,135
9	0	SISMAVB	-5,9923	9-1	0
9	0,135	SISMAVB	-3,9833	9-1	0,135
9	0	LM71SX	-6,1571	9-1	0
9	0,135	LM71SX	-4,4094	9-1	0,135
9	0	LM71DX	0,8652	9-1	0
9	0,135	LM71DX	1,2567	9-1	0,135
10	0	PP	-5,8523	10-1	0
10	0,135	PP	-4,3537	10-1	0,135
10	0	REINTSUP	-17,5289	10-1	0
10	0,135	REINTSUP	-1,6024	10-1	0,135
10	0	BALLAST	-1,135	10-1	0
10	0,135	BALLAST	-0,1038	10-1	0,135
10	0	STERRASX	24,1518	10-1	0
10	0,135	STERRASX	6,9083	10-1	0,135
10	0	STERRADX	-18,6804	10-1	0
10	0,135	STERRADX	-6,1874	10-1	0,135
10	0	TERMP	-4,8392	10-1	0
10	0,135	TERMP	-4,9435	10-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
10	0	TERMN	14,5176	10-1	0
10	0,135	TERMN	14,8304	10-1	0,135
10	0	GRADTP	-3,3169	10-1	0
10	0,135	GRADTP	-4,3743	10-1	0,135
10	0	GRADTN	3,3169	10-1	0
10	0,135	GRADTN	4,3743	10-1	0,135
10	0	LM71C	-3,1527	10-1	0
10	0,135	LM71C	-0,2882	10-1	0,135
10	0	STLM71	3,1653	10-1	0
10	0,135	STLM71	0,8764	10-1	0,135
10	0	AVVLM71	3,0178	10-1	0
10	0,135	AVVLM71	0,4481	10-1	0,135
10	0	SW2	-3,1527	10-1	0
10	0,135	SW2	-0,2882	10-1	0,135
10	0	STSW2	3,1653	10-1	0
10	0,135	STSW2	0,8764	10-1	0,135
10	0	FRENSW2	3,2	10-1	0
10	0,135	FRENSW2	0,4752	10-1	0,135
10	0	SERP	0	10-1	0
10	0,135	SERP	0	10-1	0,135
10	0	INCRTER	19,2482	10-1	0
10	0,135	INCRTER	5,3294	10-1	0,135
10	0	LM71SISO	0,6087	10-1	0
10	0,135	LM71SISO	0,0904	10-1	0,135
10	0	SW2SISO	0,9112	10-1	0
10	0,135	SW2SISO	0,1353	10-1	0,135
10	0	SISMAO	2,1134	10-1	0
10	0,135	SISMAO	0,4814	10-1	0,135
10	0	LM71SVA	0,0654	10-1	0
10	0,135	LM71SVA	0,006	10-1	0,135
10	0	SW2SVA	0,0977	10-1	0
10	0,135	SW2SVA	0,0089	10-1	0,135
10	0	SISMAVA	3,9833	10-1	0
10	0,135	SISMAVA	1,2363	10-1	0,135
10	0	LM71SVB	-0,0654	10-1	0
10	0,135	LM71SVB	-0,006	10-1	0,135
10	0	SW2SVB	-0,0977	10-1	0
10	0,135	SW2SVB	-0,0089	10-1	0,135
10	0	SISMAVB	-3,9833	10-1	0
10	0,135	SISMAVB	-1,2363	10-1	0,135
10	0	LM71SX	-4,4094	10-1	0
10	0,135	LM71SX	-2,1568	10-1	0,135
10	0	LM71DX	1,2567	10-1	0
10	0,135	LM71DX	1,8686	10-1	0,135
11	0	PP	-4,3537	11-1	0
11	0,12	PP	-2,5002	11-1	0,12
11	0	REINTSUP	-1,6024	11-1	0
11	0,12	REINTSUP	16,1396	11-1	0,12
11	0	BALLAST	-0,1038	11-1	0
11	0,12	BALLAST	1,045	11-1	0,12
11	0	STERRASX	6,9083	11-1	0
11	0,12	STERRASX	-8,9778	11-1	0,12
11	0	STERRADX	-6,1874	11-1	0
11	0,12	STERRADX	5,4765	11-1	0,12
11	0	TERMP	-4,9435	11-1	0
11	0,12	TERMP	-5,0365	11-1	0,12
11	0	TERMN	14,8304	11-1	0
11	0,12	TERMN	15,1096	11-1	0,12
11	0	GRADTP	-4,3743	11-1	0
11	0,12	GRADTP	-5,3146	11-1	0,12
11	0	GRADTN	4,3743	11-1	0
11	0,12	GRADTN	5,3146	11-1	0,12
11	0	LM71C	-0,2882	11-1	0
11	0,12	LM71C	2,9028	11-1	0,12
11	0	STLM71	0,8764	11-1	0
11	0,12	STLM71	-1,2329	11-1	0,12
11	0	AVVLM71	0,4481	11-1	0
11	0,12	AVVLM71	-1,9463	11-1	0,12

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
11	0	SW2	-0,2882	11-1	0
11	0,12	SW2	2,9028	11-1	0,12
11	0	STSW2	0,8764	11-1	0
11	0,12	STSW2	-1,2329	11-1	0,12
11	0	FRENSW2	0,4752	11-1	0
11	0,12	FRENSW2	-2,0638	11-1	0,12
11	0	SERP	0	11-1	0
11	0,12	SERP	0	11-1	0,12
11	0	INCRTER	5,3294	11-1	0
11	0,12	INCRTER	-7,4974	11-1	0,12
11	0	LM71SISO	0,0904	11-1	0
11	0,12	LM71SISO	-0,3925	11-1	0,12
11	0	SW2SISO	0,1353	11-1	0
11	0,12	SW2SISO	-0,5876	11-1	0,12
11	0	SISMAO	0,4814	11-1	0
11	0,12	SISMAO	-1,0352	11-1	0,12
11	0	LM71SVA	0,006	11-1	0
11	0,12	LM71SVA	-0,0602	11-1	0,12
11	0	SW2SVA	0,0089	11-1	0
11	0,12	SW2SVA	-0,09	11-1	0,12
11	0	SISMAVA	1,2363	11-1	0
11	0,12	SISMAVA	-1,8615	11-1	0,12
11	0	LM71SVB	-0,006	11-1	0
11	0,12	LM71SVB	0,0602	11-1	0,12
11	0	SW2SVB	-0,0089	11-1	0
11	0,12	SW2SVB	0,09	11-1	0,12
11	0	SISMAVB	-1,2363	11-1	0
11	0,12	SISMAVB	1,8615	11-1	0,12
11	0	LM71SX	-2,1568	11-1	0
11	0,12	LM71SX	0,2521	11-1	0,12
11	0	LM71DX	1,8686	11-1	0
11	0,12	LM71DX	2,6507	11-1	0,12
12	0	PP	-2,5002	12-1	0
12	0,075	PP	-1,1115	12-1	0,075
12	0	REINTSUP	16,1396	12-1	0
12	0,075	REINTSUP	28,8467	12-1	0,075
12	0	BALLAST	1,045	12-1	0
12	0,075	BALLAST	1,8678	12-1	0,075
12	0	STERRASX	-8,9778	12-1	0
12	0,075	STERRASX	-19,0467	12-1	0,075
12	0	STERRADX	5,4765	12-1	0
12	0,075	STERRADX	12,9065	12-1	0,075
12	0	TERMP	-5,0365	12-1	0
12	0,075	TERMP	-5,0949	12-1	0,075
12	0	TERMN	15,1096	12-1	0
12	0,075	TERMN	15,2847	12-1	0,075
12	0	GRADTP	-5,3146	12-1	0
12	0,075	GRADTP	-5,9024	12-1	0,075
12	0	GRADTN	5,3146	12-1	0
12	0,075	GRADTN	5,9024	12-1	0,075
12	0	LM71C	2,9028	12-1	0
12	0,075	LM71C	5,1883	12-1	0,075
12	0	STLM71	-1,2329	12-1	0
12	0,075	STLM71	-2,57	12-1	0,075
12	0	AVVLM71	-1,9463	12-1	0
12	0,075	AVVLM71	-3,4704	12-1	0,075
12	0	SW2	2,9028	12-1	0
12	0,075	SW2	5,1883	12-1	0,075
12	0	STSW2	-1,2329	12-1	0
12	0,075	STSW2	-2,57	12-1	0,075
12	0	FRENSW2	-2,0638	12-1	0
12	0,075	FRENSW2	-3,68	12-1	0,075
12	0	SERP	0	12-1	0
12	0,075	SERP	0	12-1	0,075
12	0	INCRTER	-7,4974	12-1	0
12	0,075	INCRTER	-15,628	12-1	0,075
12	0	LM71SISO	-0,3925	12-1	0
12	0,075	LM71SISO	-0,6999	12-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
12	0	SW2SISO	-0,5876	12-1	0
12	0,075	SW2SISO	-1,0478	12-1	0,075
12	0	SISMAO	-1,0352	12-1	0
12	0,075	SISMAO	-1,9997	12-1	0,075
12	0	LM71SVA	-0,0602	12-1	0
12	0,075	LM71SVA	-0,1077	12-1	0,075
12	0	SW2SVA	-0,09	12-1	0
12	0,075	SW2SVA	-0,1608	12-1	0,075
12	0	SISMAVA	-1,8615	12-1	0
12	0,075	SISMAVA	-4,0937	12-1	0,075
12	0	LM71SVB	0,0602	12-1	0
12	0,075	LM71SVB	0,1077	12-1	0,075
12	0	SW2SVB	0,09	12-1	0
12	0,075	SW2SVB	0,1608	12-1	0,075
12	0	SISMAVB	1,8615	12-1	0
12	0,075	SISMAVB	4,0937	12-1	0,075
12	0	LM71SX	0,2521	12-1	0
12	0,075	LM71SX	1,9243	12-1	0,075
12	0	LM71DX	2,6507	12-1	0
12	0,075	LM71DX	3,2639	12-1	0,075
13	0	PP	-1,1115	13-1	0
13	0,075	PP	0,4543	13-1	0,075
13	0	REINTSUP	28,8467	13-1	0
13	0,075	REINTSUP	42,7988	13-1	0,075
13	0	BALLAST	1,8678	13-1	0
13	0,075	BALLAST	2,7711	13-1	0,075
13	0	STERRASX	-19,0467	13-1	0
13	0,075	STERRASX	-29,1695	13-1	0,075
13	0	STERRADX	12,9065	13-1	0
13	0,075	STERRADX	20,3905	13-1	0,075
13	0	TERMP	-5,0949	13-1	0
13	0,075	TERMP	-5,1534	13-1	0,075
13	0	TERMN	15,2847	13-1	0
13	0,075	TERMN	15,4603	13-1	0,075
13	0	GRADTP	-5,9024	13-1	0
13	0,075	GRADTP	-6,4904	13-1	0,075
13	0	GRADTN	5,9024	13-1	0
13	0,075	GRADTN	6,4904	13-1	0,075
13	0	LM71C	5,1883	13-1	0
13	0,075	LM71C	7,6976	13-1	0,075
13	0	STLM71	-2,57	13-1	0
13	0,075	STLM71	-3,9143	13-1	0,075
13	0	AVVLM71	-3,4704	13-1	0
13	0,075	AVVLM71	-5,0052	13-1	0,075
13	0	SW2	5,1883	13-1	0
13	0,075	SW2	7,6976	13-1	0,075
13	0	STSW2	-2,57	13-1	0
13	0,075	STSW2	-3,9143	13-1	0,075
13	0	FRENSW2	-3,68	13-1	0
13	0,075	FRENSW2	-5,3074	13-1	0,075
13	0	SERP	0	13-1	0
13	0,075	SERP	0	13-1	0,075
13	0	INCRTER	-15,628	13-1	0
13	0,075	INCRTER	-23,8025	13-1	0,075
13	0	LM71SISO	-0,6999	13-1	0
13	0,075	LM71SISO	-1,0095	13-1	0,075
13	0	SW2SISO	-1,0478	13-1	0
13	0,075	SW2SISO	-1,5112	13-1	0,075
13	0	SISMAO	-1,9997	13-1	0
13	0,075	SISMAO	-2,9705	13-1	0,075
13	0	LM71SVA	-0,1077	13-1	0
13	0,075	LM71SVA	-0,1597	13-1	0,075
13	0	SW2SVA	-0,1608	13-1	0
13	0,075	SW2SVA	-0,2386	13-1	0,075
13	0	SISMAVA	-4,0937	13-1	0
13	0,075	SISMAVA	-6,5537	13-1	0,075
13	0	LM71SVB	0,1077	13-1	0
13	0,075	LM71SVB	0,1597	13-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
13	0	SW2SVB	0,1608	13-1	0
13	0,075	SW2SVB	0,2386	13-1	0,075
13	0	SISMAVB	4,0937	13-1	0
13	0,075	SISMAVB	6,5537	13-1	0,075
13	0	LM71SX	1,9243	13-1	0
13	0,075	LM71SX	3,7166	13-1	0,075
13	0	LM71DX	3,2639	13-1	0
13	0,075	LM71DX	3,981	13-1	0,075
14	0	PP	0,4543	14-1	0
14	0,075	PP	-1,1115	14-1	0,075
14	0	REINTSUP	42,7988	14-1	0
14	0,075	REINTSUP	28,8467	14-1	0,075
14	0	BALLAST	2,7711	14-1	0
14	0,075	BALLAST	1,8678	14-1	0,075
14	0	STERRASX	20,3905	14-1	0
14	0,075	STERRASX	12,9065	14-1	0,075
14	0	STERRADX	-29,1695	14-1	0
14	0,075	STERRADX	-19,0467	14-1	0,075
14	0	TERMP	-5,1534	14-1	0
14	0,075	TERMP	-5,0949	14-1	0,075
14	0	TERMN	15,4603	14-1	0
14	0,075	TERMN	15,2847	14-1	0,075
14	0	GRADTP	-6,4904	14-1	0
14	0,075	GRADTP	-5,9024	14-1	0,075
14	0	GRADTN	6,4904	14-1	0
14	0,075	GRADTN	5,9024	14-1	0,075
14	0	LM71C	7,6976	14-1	0
14	0,075	LM71C	5,1883	14-1	0,075
14	0	STLM71	2,7343	14-1	0
14	0,075	STLM71	1,7323	14-1	0,075
14	0	AVVLM71	5,0052	14-1	0
14	0,075	AVVLM71	3,4704	14-1	0,075
14	0	SW2	7,6976	14-1	0
14	0,075	SW2	5,1883	14-1	0,075
14	0	STSW2	2,7343	14-1	0
14	0,075	STSW2	1,7323	14-1	0,075
14	0	FRENSW2	5,3074	14-1	0
14	0,075	FRENSW2	3,68	14-1	0,075
14	0	SERP	0	14-1	0
14	0,075	SERP	0	14-1	0,075
14	0	INCRTER	16,6273	14-1	0
14	0,075	INCRTER	10,5341	14-1	0,075
14	0	LM71SISO	1,0095	14-1	0
14	0,075	LM71SISO	0,6999	14-1	0,075
14	0	SW2SISO	1,5112	14-1	0
14	0,075	SW2SISO	1,0478	14-1	0,075
14	0	SISMAO	2,9705	14-1	0
14	0,075	SISMAO	1,9997	14-1	0,075
14	0	LM71SVA	-0,1597	14-1	0
14	0,075	LM71SVA	-0,1077	14-1	0,075
14	0	SW2SVA	-0,2386	14-1	0
14	0,075	SW2SVA	-0,1608	14-1	0,075
14	0	SISMAVA	-6,5537	14-1	0
14	0,075	SISMAVA	-4,0937	14-1	0,075
14	0	LM71SVB	0,1597	14-1	0
14	0,075	LM71SVB	0,1077	14-1	0,075
14	0	SW2SVB	0,2386	14-1	0
14	0,075	SW2SVB	0,1608	14-1	0,075
14	0	SISMAVB	6,5537	14-1	0
14	0,075	SISMAVB	4,0937	14-1	0,075
14	0	LM71SX	3,981	14-1	0
14	0,075	LM71SX	3,2639	14-1	0,075
14	0	LM71DX	3,7166	14-1	0
14	0,075	LM71DX	1,9243	14-1	0,075
15	0	PP	-1,1115	15-1	0
15	0,075	PP	-2,5002	15-1	0,075
15	0	REINTSUP	28,8467	15-1	0
15	0,075	REINTSUP	16,1396	15-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
15	0	BALLAST	1,8678	15-1	0
15	0,075	BALLAST	1,045	15-1	0,075
15	0	STERRASX	12,9065	15-1	0
15	0,075	STERRASX	5,4765	15-1	0,075
15	0	STERRADX	-19,0467	15-1	0
15	0,075	STERRADX	-8,9778	15-1	0,075
15	0	TERMP	-5,0949	15-1	0
15	0,075	TERMP	-5,0365	15-1	0,075
15	0	TERMN	15,2847	15-1	0
15	0,075	TERMN	15,1096	15-1	0,075
15	0	GRADTP	-5,9024	15-1	0
15	0,075	GRADTP	-5,3146	15-1	0,075
15	0	GRADTN	5,9024	15-1	0
15	0,075	GRADTN	5,3146	15-1	0,075
15	0	LM71C	5,1883	15-1	0
15	0,075	LM71C	2,9028	15-1	0,075
15	0	STLM71	1,7323	15-1	0
15	0,075	STLM71	0,7375	15-1	0,075
15	0	AVVLM71	3,4704	15-1	0
15	0,075	AVVLM71	1,9463	15-1	0,075
15	0	SW2	5,1883	15-1	0
15	0,075	SW2	2,9028	15-1	0,075
15	0	STSW2	1,7323	15-1	0
15	0,075	STSW2	0,7375	15-1	0,075
15	0	FRENSW2	3,68	15-1	0
15	0,075	FRENSW2	2,0638	15-1	0,075
15	0	SERP	0	15-1	0
15	0,075	SERP	0	15-1	0,075
15	0	INCRTER	10,5341	15-1	0
15	0,075	INCRTER	4,4846	15-1	0,075
15	0	LM71SISO	0,6999	15-1	0
15	0,075	LM71SISO	0,3925	15-1	0,075
15	0	SW2SISO	1,0478	15-1	0
15	0,075	SW2SISO	0,5876	15-1	0,075
15	0	SISMAO	1,9997	15-1	0
15	0,075	SISMAO	1,0352	15-1	0,075
15	0	LM71SVA	-0,1077	15-1	0
15	0,075	LM71SVA	-0,0602	15-1	0,075
15	0	SW2SVA	-0,1608	15-1	0
15	0,075	SW2SVA	-0,09	15-1	0,075
15	0	SISMAVA	-4,0937	15-1	0
15	0,075	SISMAVA	-1,8615	15-1	0,075
15	0	LM71SVB	0,1077	15-1	0
15	0,075	LM71SVB	0,0602	15-1	0,075
15	0	SW2SVB	0,1608	15-1	0
15	0,075	SW2SVB	0,09	15-1	0,075
15	0	SISMAVB	4,0937	15-1	0
15	0,075	SISMAVB	1,8615	15-1	0,075
15	0	LM71SXX	3,2639	15-1	0
15	0,075	LM71SXX	2,6507	15-1	0,075
15	0	LM71DX	1,9243	15-1	0
15	0,075	LM71DX	0,2521	15-1	0,075
16	0	PP	-2,5002	16-1	0
16	0,12	PP	-4,3537	16-1	0,12
16	0	REINTSUP	16,1396	16-1	0
16	0,12	REINTSUP	-1,6024	16-1	0,12
16	0	BALLAST	1,045	16-1	0
16	0,12	BALLAST	-0,1038	16-1	0,12
16	0	STERRASX	5,4765	16-1	0
16	0,12	STERRASX	-6,1874	16-1	0,12
16	0	STERRADX	-8,9778	16-1	0
16	0,12	STERRADX	6,9083	16-1	0,12
16	0	TERMP	-5,0365	16-1	0
16	0,12	TERMP	-4,9435	16-1	0,12
16	0	TERMN	15,1096	16-1	0
16	0,12	TERMN	14,8304	16-1	0,12
16	0	GRADTP	-5,3146	16-1	0
16	0,12	GRADTP	-4,3743	16-1	0,12

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
16	0	GRADTN	5,3146	16-1	0
16	0,12	GRADTN	4,3743	16-1	0,12
16	0	LM71C	2,9028	16-1	0
16	0,12	LM71C	-0,2882	16-1	0,12
16	0	STLM71	0,7375	16-1	0
16	0,12	STLM71	-0,8242	16-1	0,12
16	0	AVVLM71	1,9463	16-1	0
16	0,12	AVVLM71	-0,4481	16-1	0,12
16	0	SW2	2,9028	16-1	0
16	0,12	SW2	-0,2882	16-1	0,12
16	0	STSW2	0,7375	16-1	0
16	0,12	STSW2	-0,8242	16-1	0,12
16	0	FRENSW2	2,0638	16-1	0
16	0,12	FRENSW2	-0,4752	16-1	0,12
16	0	SERP	0	16-1	0
16	0,12	SERP	0	16-1	0,12
16	0	INCRTER	4,4846	16-1	0
16	0,12	INCRTER	-5,0121	16-1	0,12
16	0	LM71SISO	0,3925	16-1	0
16	0,12	LM71SISO	-0,0904	16-1	0,12
16	0	SW2SISO	0,5876	16-1	0
16	0,12	SW2SISO	-0,1353	16-1	0,12
16	0	SISMAO	1,0352	16-1	0
16	0,12	SISMAO	-0,4814	16-1	0,12
16	0	LM71SVA	-0,0602	16-1	0
16	0,12	LM71SVA	0,006	16-1	0,12
16	0	SW2SVA	-0,09	16-1	0
16	0,12	SW2SVA	0,0089	16-1	0,12
16	0	SISMAVA	-1,8615	16-1	0
16	0,12	SISMAVA	1,2363	16-1	0,12
16	0	LM71SVB	0,0602	16-1	0
16	0,12	LM71SVB	-0,006	16-1	0,12
16	0	SW2SVB	0,09	16-1	0
16	0,12	SW2SVB	-0,0089	16-1	0,12
16	0	SISMAVB	1,8615	16-1	0
16	0,12	SISMAVB	-1,2363	16-1	0,12
16	0	LM71SX	2,6507	16-1	0
16	0,12	LM71SX	1,8686	16-1	0,12
16	0	LM71DX	0,2521	16-1	0
16	0,12	LM71DX	-2,1568	16-1	0,12
17	0	PP	-4,3537	17-1	0
17	0,135	PP	-5,8523	17-1	0,135
17	0	REINTSUP	-1,6024	17-1	0
17	0,135	REINTSUP	-17,5289	17-1	0,135
17	0	BALLAST	-0,1038	17-1	0
17	0,135	BALLAST	-1,135	17-1	0,135
17	0	STERRASX	-6,1874	17-1	0
17	0,135	STERRASX	-18,6804	17-1	0,135
17	0	STERRADX	6,9083	17-1	0
17	0,135	STERRADX	24,1518	17-1	0,135
17	0	TERMP	-4,9435	17-1	0
17	0,135	TERMP	-4,8392	17-1	0,135
17	0	TERMN	14,8304	17-1	0
17	0,135	TERMN	14,5176	17-1	0,135
17	0	GRADTP	-4,3743	17-1	0
17	0,135	GRADTP	-3,3169	17-1	0,135
17	0	GRADTN	4,3743	17-1	0
17	0,135	GRADTN	3,3169	17-1	0,135
17	0	LM71C	-0,2882	17-1	0
17	0,135	LM71C	-3,1527	17-1	0,135
17	0	STLM71	-0,8242	17-1	0
17	0,135	STLM71	-2,4971	17-1	0,135
17	0	AVVLM71	-0,4481	17-1	0
17	0,135	AVVLM71	-3,0178	17-1	0,135
17	0	SW2	-0,2882	17-1	0
17	0,135	SW2	-3,1527	17-1	0,135
17	0	STSW2	-0,8242	17-1	0
17	0,135	STSW2	-2,4971	17-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
17	0	FRENSW2	-0,4752	17-1	0
17	0,135	FRENSW2	-3,2	17-1	0,135
17	0	SERP	0	17-1	0
17	0,135	SERP	0	17-1	0,135
17	0	INCRTER	-5,0121	17-1	0
17	0,135	INCRTER	-15,1845	17-1	0,135
17	0	LM71SISO	-0,0904	17-1	0
17	0,135	LM71SISO	-0,6087	17-1	0,135
17	0	SW2SISO	-0,1353	17-1	0
17	0,135	SW2SISO	-0,9112	17-1	0,135
17	0	SISMAO	-0,4814	17-1	0
17	0,135	SISMAO	-2,1134	17-1	0,135
17	0	LM71SVA	0,006	17-1	0
17	0,135	LM71SVA	0,0654	17-1	0,135
17	0	SW2SVA	0,0089	17-1	0
17	0,135	SW2SVA	0,0977	17-1	0,135
17	0	SISMAVA	1,2363	17-1	0
17	0,135	SISMAVA	3,9833	17-1	0,135
17	0	LM71SVB	-0,006	17-1	0
17	0,135	LM71SVB	-0,0654	17-1	0,135
17	0	SW2SVB	-0,0089	17-1	0
17	0,135	SW2SVB	-0,0977	17-1	0,135
17	0	SISMAVB	-1,2363	17-1	0
17	0,135	SISMAVB	-3,9833	17-1	0,135
17	0	LM71SX	1,8686	17-1	0
17	0,135	LM71SX	1,2567	17-1	0,135
17	0	LM71DX	-2,1568	17-1	0
17	0,135	LM71DX	-4,4094	17-1	0,135
18	0	PP	-5,8523	18-1	0
18	0,135	PP	-6,7771	18-1	0,135
18	0	REINTSUP	-17,5289	18-1	0
18	0,135	REINTSUP	-29,4227	18-1	0,135
18	0	BALLAST	-1,135	18-1	0
18	0,135	BALLAST	-1,9051	18-1	0,135
18	0	STERRASX	-18,6804	18-1	0
18	0,135	STERRASX	-30,2304	18-1	0,135
18	0	STERRADX	24,1518	18-1	0
18	0,135	STERRADX	40,4525	18-1	0,135
18	0	TERMP	-4,8392	18-1	0
18	0,135	TERMP	-4,7354	18-1	0,135
18	0	TERMN	14,5176	18-1	0
18	0,135	TERMN	14,2061	18-1	0,135
18	0	GRADTP	-3,3169	18-1	0
18	0,135	GRADTP	-2,2598	18-1	0,135
18	0	GRADTN	3,3169	18-1	0
18	0,135	GRADTN	2,2598	18-1	0,135
18	0	LM71C	-3,1527	18-1	0
18	0,135	LM71C	-5,2919	18-1	0,135
18	0	STLM71	-2,4971	18-1	0
18	0,135	STLM71	-4,0437	18-1	0,135
18	0	AVVLM71	-3,0178	18-1	0
18	0,135	AVVLM71	-5,4014	18-1	0,135
18	0	SW2	-3,1527	18-1	0
18	0,135	SW2	-5,2919	18-1	0,135
18	0	STSW2	-2,4971	18-1	0
18	0,135	STSW2	-4,0437	18-1	0,135
18	0	FRENSW2	-3,2	18-1	0
18	0,135	FRENSW2	-5,7275	18-1	0,135
18	0	SERP	0	18-1	0
18	0,135	SERP	0	18-1	0,135
18	0	INCRTER	-15,1845	18-1	0
18	0,135	INCRTER	-24,5898	18-1	0,135
18	0	LM71SISO	-0,6087	18-1	0
18	0,135	LM71SISO	-1,0894	18-1	0,135
18	0	SW2SISO	-0,9112	18-1	0
18	0,135	SW2SISO	-1,6309	18-1	0,135
18	0	SISMAO	-2,1134	18-1	0
18	0,135	SISMAO	-3,6339	18-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
18	0	LM71SVA	0,0654	18-1	0
18	0,135	LM71SVA	0,1098	18-1	0,135
18	0	SW2SVA	0,0977	18-1	0
18	0,135	SW2SVA	0,164	18-1	0,135
18	0	SISMAVA	3,9833	18-1	0
18	0,135	SISMAVA	5,9923	18-1	0,135
18	0	LM71SVB	-0,0654	18-1	0
18	0,135	LM71SVB	-0,1098	18-1	0,135
18	0	SW2SVB	-0,0977	18-1	0
18	0,135	SW2SVB	-0,164	18-1	0,135
18	0	SISMAVB	-3,9833	18-1	0
18	0,135	SISMAVB	-5,9923	18-1	0,135
18	0	LM71SX	1,2567	18-1	0
18	0,135	LM71SX	0,8652	18-1	0,135
18	0	LM71DX	-4,4094	18-1	0
18	0,135	LM71DX	-6,1571	18-1	0,135
19	0	PP	-6,7771	19-1	0
19	0,135	PP	-7,128	19-1	0,135
19	0	REINTSUP	-29,4227	19-1	0
19	0,135	REINTSUP	-37,2841	19-1	0,135
19	0	BALLAST	-1,9051	19-1	0
19	0,135	BALLAST	-2,4141	19-1	0,135
19	0	STERRASX	-30,2304	19-1	0
19	0,135	STERRASX	-40,5227	19-1	0,135
19	0	STERRADX	40,4525	19-1	0
19	0,135	STERRADX	55,4961	19-1	0,135
19	0	TERMP	-4,7354	19-1	0
19	0,135	TERMP	-4,6318	19-1	0,135
19	0	TERMN	14,2061	19-1	0
19	0,135	TERMN	13,8955	19-1	0,135
19	0	GRADTP	-2,2598	19-1	0
19	0,135	GRADTP	-1,2028	19-1	0,135
19	0	GRADTN	2,2598	19-1	0
19	0,135	GRADTN	1,2028	19-1	0,135
19	0	LM71C	-5,2919	19-1	0
19	0,135	LM71C	-6,7058	19-1	0,135
19	0	STLM71	-4,0437	19-1	0
19	0,135	STLM71	-5,4222	19-1	0,135
19	0	AVVLM71	-5,4014	19-1	0
19	0,135	AVVLM71	-7,5369	19-1	0,135
19	0	SW2	-5,2919	19-1	0
19	0,135	SW2	-6,7058	19-1	0,135
19	0	STSW2	-4,0437	19-1	0
19	0,135	STSW2	-5,4222	19-1	0,135
19	0	FRENSW2	-5,7275	19-1	0
19	0,135	FRENSW2	-7,992	19-1	0,135
19	0	SERP	0	19-1	0
19	0,135	SERP	0	19-1	0,135
19	0	INCRTER	-24,5898	19-1	0
19	0,135	INCRTER	-32,9722	19-1	0,135
19	0	LM71SISO	-1,0894	19-1	0
19	0,135	LM71SISO	-1,5201	19-1	0,135
19	0	SW2SISO	-1,6309	19-1	0
19	0,135	SW2SISO	-2,2756	19-1	0,135
19	0	SISMAO	-3,6339	19-1	0
19	0,135	SISMAO	-5,0058	19-1	0,135
19	0	LM71SVA	0,1098	19-1	0
19	0,135	LM71SVA	0,1391	19-1	0,135
19	0	SW2SVA	0,164	19-1	0
19	0,135	SW2SVA	0,2079	19-1	0,135
19	0	SISMAVA	5,9923	19-1	0
19	0,135	SISMAVA	7,2634	19-1	0,135
19	0	LM71SVB	-0,1098	19-1	0
19	0,135	LM71SVB	-0,1391	19-1	0,135
19	0	SW2SVB	-0,164	19-1	0
19	0,135	SW2SVB	-0,2079	19-1	0,135
19	0	SISMAVB	-5,9923	19-1	0
19	0,135	SISMAVB	-7,2634	19-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
19	0	LM71SX	0,8652	19-1	0
19	0,135	LM71SX	0,6468	19-1	0,135
19	0	LM71DX	-6,1571	19-1	0
19	0,135	LM71DX	-7,3526	19-1	0,135
20	0	PP	-7,128	20-1	0
20	0,135	PP	-6,9049	20-1	0,135
20	0	REINTSUP	-37,2841	20-1	0
20	0,135	REINTSUP	-41,113	20-1	0,135
20	0	BALLAST	-2,4141	20-1	0
20	0,135	BALLAST	-2,662	20-1	0,135
20	0	STERRASX	-40,5227	20-1	0
20	0,135	STERRASX	-49,2429	20-1	0,135
20	0	STERRADX	55,4961	20-1	0
20	0,135	STERRADX	68,9681	20-1	0,135
20	0	TERMP	-4,6318	20-1	0
20	0,135	TERMP	-4,5285	20-1	0,135
20	0	TERMN	13,8955	20-1	0
20	0,135	TERMN	13,5856	20-1	0,135
20	0	GRADTP	-1,2028	20-1	0
20	0,135	GRADTP	-0,146	20-1	0,135
20	0	GRADTN	1,2028	20-1	0
20	0,135	GRADTN	0,146	20-1	0,135
20	0	LM71C	-6,7058	20-1	0
20	0,135	LM71C	-7,3944	20-1	0,135
20	0	STLM71	-5,4222	20-1	0
20	0,135	STLM71	-6,5904	20-1	0,135
20	0	AVVLM71	-7,5369	20-1	0
20	0,135	AVVLM71	-9,3623	20-1	0,135
20	0	SW2	-6,7058	20-1	0
20	0,135	SW2	-7,3944	20-1	0,135
20	0	STSW2	-5,4222	20-1	0
20	0,135	STSW2	-6,5904	20-1	0,135
20	0	FRENSW2	-7,992	20-1	0
20	0,135	FRENSW2	-9,9277	20-1	0,135
20	0	SERP	0	20-1	0
20	0,135	SERP	0	20-1	0,135
20	0	INCRTER	-32,9722	20-1	0
20	0,135	INCRTER	-40,0758	20-1	0,135
20	0	LM71SISO	-1,5201	20-1	0
20	0,135	LM71SISO	-1,8883	20-1	0,135
20	0	SW2SISO	-2,2756	20-1	0
20	0,135	SW2SISO	-2,8268	20-1	0,135
20	0	SISMAO	-5,0058	20-1	0
20	0,135	SISMAO	-6,1921	20-1	0,135
20	0	LM71SVA	0,1391	20-1	0
20	0,135	LM71SVA	0,1534	20-1	0,135
20	0	SW2SVA	0,2079	20-1	0
20	0,135	SW2SVA	0,2292	20-1	0,135
20	0	SISMAVA	7,2634	20-1	0
20	0,135	SISMAVA	7,7966	20-1	0,135
20	0	LM71SVB	-0,1391	20-1	0
20	0,135	LM71SVB	-0,1534	20-1	0,135
20	0	SW2SVB	-0,2079	20-1	0
20	0,135	SW2SVB	-0,2292	20-1	0,135
20	0	SISMAVB	-7,2634	20-1	0
20	0,135	SISMAVB	-7,7966	20-1	0,135
20	0	LM71SX	0,6468	20-1	0
20	0,135	LM71SX	0,554	20-1	0,135
20	0	LM71DX	-7,3526	20-1	0
20	0,135	LM71DX	-7,9484	20-1	0,135
21	0	PP	-6,9049	21-1	0
21	0,135	PP	-6,1077	21-1	0,135
21	0	REINTSUP	-41,113	21-1	0
21	0,135	REINTSUP	-40,9094	21-1	0,135
21	0	BALLAST	-2,662	21-1	0
21	0,135	BALLAST	-2,6488	21-1	0,135
21	0	STERRASX	-49,2429	21-1	0
21	0,135	STERRASX	-56,0759	21-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
21	0	STERRADX	68,9681	21-1	0
21	0,135	STERRADX	80,5534	21-1	0,135
21	0	TERMP	-4,5285	21-1	0
21	0,135	TERMP	-4,4253	21-1	0,135
21	0	TERMN	13,5856	21-1	0
21	0,135	TERMN	13,2759	21-1	0,135
21	0	GRADTP	-0,146	21-1	0
21	0,135	GRADTP	0,9109	21-1	0,135
21	0	GRADTN	0,146	21-1	0
21	0,135	GRADTN	-0,9109	21-1	0,135
21	0	LM71C	-7,3944	21-1	0
21	0,135	LM71C	-7,3578	21-1	0,135
21	0	STLM71	-6,5904	21-1	0
21	0,135	STLM71	-7,5062	21-1	0,135
21	0	AVVLM71	-9,3623	21-1	0
21	0,135	AVVLM71	-10,8155	21-1	0,135
21	0	SW2	-7,3944	21-1	0
21	0,135	SW2	-7,3578	21-1	0,135
21	0	STSW2	-6,5904	21-1	0
21	0,135	STSW2	-7,5062	21-1	0,135
21	0	FRENSW2	-9,9277	21-1	0
21	0,135	FRENSW2	-11,4686	21-1	0,135
21	0	SERP	0	21-1	0
21	0,135	SERP	0	21-1	0,135
21	0	INCRTER	-40,0758	21-1	0
21	0,135	INCRTER	-45,6445	21-1	0,135
21	0	LM71SISO	-1,8883	21-1	0
21	0,135	LM71SISO	-2,1814	21-1	0,135
21	0	SW2SISO	-2,8268	21-1	0
21	0,135	SW2SISO	-3,2655	21-1	0,135
21	0	SISMAO	-6,1921	21-1	0
21	0,135	SISMAO	-7,1554	21-1	0,135
21	0	LM71SVA	0,1534	21-1	0
21	0,135	LM71SVA	0,1527	21-1	0,135
21	0	SW2SVA	0,2292	21-1	0
21	0,135	SW2SVA	0,2281	21-1	0,135
21	0	SISMAVA	7,7966	21-1	0
21	0,135	SISMAVA	7,5919	21-1	0,135
21	0	LM71SVB	-0,1534	21-1	0
21	0,135	LM71SVB	-0,1527	21-1	0,135
21	0	SW2SVB	-0,2292	21-1	0
21	0,135	SW2SVB	-0,2281	21-1	0,135
21	0	SISMAVB	-7,7966	21-1	0
21	0,135	SISMAVB	-7,5919	21-1	0,135
21	0	LM71SX	0,554	21-1	0
21	0,135	LM71SX	0,5393	21-1	0,135
21	0	LM71DX	-7,9484	21-1	0
21	0,135	LM71DX	-7,8971	21-1	0,135
22	0	PP	-6,1077	22-1	0
22	0,135	PP	-4,7361	22-1	0,135
22	0	REINTSUP	-40,9094	22-1	0
22	0,135	REINTSUP	-36,6729	22-1	0,135
22	0	BALLAST	-2,6488	22-1	0
22	0,135	BALLAST	-2,3745	22-1	0,135
22	0	STERRASX	-56,0759	22-1	0
22	0,135	STERRASX	-60,7068	22-1	0,135
22	0	STERRADX	80,5534	22-1	0
22	0,135	STERRADX	89,9368	22-1	0,135
22	0	TERMP	-4,4253	22-1	0
22	0,135	TERMP	-4,322	22-1	0,135
22	0	TERMN	13,2759	22-1	0
22	0,135	TERMN	12,9661	22-1	0,135
22	0	GRADTP	0,9109	22-1	0
22	0,135	GRADTP	1,9679	22-1	0,135
22	0	GRADTN	-0,9109	22-1	0
22	0,135	GRADTN	-1,9679	22-1	0,135
22	0	LM71C	-7,3578	22-1	0
22	0,135	LM71C	-6,5958	22-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
22	0	STLM71	-7,5062	22-1	0
22	0,135	STLM71	-8,1274	22-1	0,135
22	0	AVVLM71	-10,8155	22-1	0
22	0,135	AVVLM71	-11,8343	22-1	0,135
22	0	SW2	-7,3578	22-1	0
22	0,135	SW2	-6,5958	22-1	0,135
22	0	STSW2	-7,5062	22-1	0
22	0,135	STSW2	-8,1274	22-1	0,135
22	0	FRENSW2	-11,4686	22-1	0
22	0,135	FRENSW2	-12,5489	22-1	0,135
22	0	SERP	0	22-1	0
22	0,135	SERP	0	22-1	0,135
22	0	INCRTER	-45,6445	22-1	0
22	0,135	INCRTER	-49,4219	22-1	0,135
22	0	LM71SISO	-2,1814	22-1	0
22	0,135	LM71SISO	-2,3869	22-1	0,135
22	0	SW2SISO	-3,2655	22-1	0
22	0,135	SW2SISO	-3,5732	22-1	0,135
22	0	SISMAO	-7,1554	22-1	0
22	0,135	SISMAO	-7,8586	22-1	0,135
22	0	LM71SVA	0,1527	22-1	0
22	0,135	LM71SVA	0,1369	22-1	0,135
22	0	SW2SVA	0,2281	22-1	0
22	0,135	SW2SVA	0,2045	22-1	0,135
22	0	SISMAVA	7,5919	22-1	0
22	0,135	SISMAVA	6,649	22-1	0,135
22	0	LM71SVB	-0,1527	22-1	0
22	0,135	LM71SVB	-0,1369	22-1	0,135
22	0	SW2SVB	-0,2281	22-1	0
22	0,135	SW2SVB	-0,2045	22-1	0,135
22	0	SISMAVB	-7,5919	22-1	0
22	0,135	SISMAVB	-6,649	22-1	0,135
22	0	LM71SX	0,5393	22-1	0
22	0,135	LM71SX	0,5553	22-1	0,135
22	0	LM71DX	-7,8971	22-1	0
22	0,135	LM71DX	-7,1511	22-1	0,135
23	0	PP	-4,7361	23-1	0
23	0,135	PP	-2,7901	23-1	0,135
23	0	REINTSUP	-36,6729	23-1	0
23	0,135	REINTSUP	-28,4027	23-1	0,135
23	0	BALLAST	-2,3745	23-1	0
23	0,135	BALLAST	-1,839	23-1	0,135
23	0	STERRASX	-60,7068	23-1	0
23	0,135	STERRASX	-62,82	23-1	0,135
23	0	STERRADX	89,9368	23-1	0
23	0,135	STERRADX	96,8028	23-1	0,135
23	0	TERMP	-4,322	23-1	0
23	0,135	TERMP	-4,2185	23-1	0,135
23	0	TERMN	12,9661	23-1	0
23	0,135	TERMN	12,6555	23-1	0,135
23	0	GRADTP	1,9679	23-1	0
23	0,135	GRADTP	3,0251	23-1	0,135
23	0	GRADTN	-1,9679	23-1	0
23	0,135	GRADTN	-3,0251	23-1	0,135
23	0	LM71C	-6,5958	23-1	0
23	0,135	LM71C	-5,1084	23-1	0,135
23	0	STLM71	-8,1274	23-1	0
23	0,135	STLM71	-8,4118	23-1	0,135
23	0	AVVLM71	-11,8343	23-1	0
23	0,135	AVVLM71	-12,3565	23-1	0,135
23	0	SW2	-6,5958	23-1	0
23	0,135	SW2	-5,1084	23-1	0,135
23	0	STSW2	-8,1274	23-1	0
23	0,135	STSW2	-8,4118	23-1	0,135
23	0	FRENSW2	-12,5489	23-1	0
23	0,135	FRENSW2	-13,1027	23-1	0,135
23	0	SERP	0	23-1	0
23	0,135	SERP	0	23-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
23	0	INCRTER	-49,4219	23-1	0
23	0,135	INCRTER	-51,1516	23-1	0,135
23	0	LM71SISO	-2,3869	23-1	0
23	0,135	LM71SISO	-2,4922	23-1	0,135
23	0	SW2SISO	-3,5732	23-1	0
23	0,135	SW2SISO	-3,7308	23-1	0,135
23	0	SISMAO	-7,8586	23-1	0
23	0,135	SISMAO	-8,2643	23-1	0,135
23	0	LM71SVA	0,1369	23-1	0
23	0,135	LM71SVA	0,106	23-1	0,135
23	0	SW2SVA	0,2045	23-1	0
23	0,135	SW2SVA	0,1584	23-1	0,135
23	0	SISMAVA	6,649	23-1	0
23	0,135	SISMAVA	4,968	23-1	0,135
23	0	LM71SVB	-0,1369	23-1	0
23	0,135	LM71SVB	-0,106	23-1	0,135
23	0	SW2SVB	-0,2045	23-1	0
23	0,135	SW2SVB	-0,1584	23-1	0,135
23	0	SISMAVB	-6,649	23-1	0
23	0,135	SISMAVB	-4,968	23-1	0,135
23	0	LM71SX	0,5553	23-1	0
23	0,135	LM71SX	0,5545	23-1	0,135
23	0	LM71DX	-7,1511	23-1	0
23	0,135	LM71DX	-5,6629	23-1	0,135
24	0	PP	-2,7901	24-1	0
24	0,135	PP	-0,2693	24-1	0,135
24	0	REINTSUP	-28,4027	24-1	0
24	0,135	REINTSUP	-16,0979	24-1	0,135
24	0	BALLAST	-1,839	24-1	0
24	0,135	BALLAST	-1,0423	24-1	0,135
24	0	STERRASX	-62,82	24-1	0
24	0,135	STERRASX	-62,0999	24-1	0,135
24	0	STERRADX	96,8028	24-1	0
24	0,135	STERRADX	100,835	24-1	0,135
24	0	TERMP	-4,2185	24-1	0
24	0,135	TERMP	-4,1145	24-1	0,135
24	0	TERMN	12,6555	24-1	0
24	0,135	TERMN	12,3436	24-1	0,135
24	0	GRADTP	3,0251	24-1	0
24	0,135	GRADTP	4,0827	24-1	0,135
24	0	GRADTN	-3,0251	24-1	0
24	0,135	GRADTN	-4,0827	24-1	0,135
24	0	LM71C	-5,1084	24-1	0
24	0,135	LM71C	-2,8953	24-1	0,135
24	0	STLM71	-8,4118	24-1	0
24	0,135	STLM71	-8,3173	24-1	0,135
24	0	AVVLM71	-12,3565	24-1	0
24	0,135	AVVLM71	-12,3198	24-1	0,135
24	0	SW2	-5,1084	24-1	0
24	0,135	SW2	-2,8953	24-1	0,135
24	0	STSW2	-8,4118	24-1	0
24	0,135	STSW2	-8,3173	24-1	0,135
24	0	FRENSW2	-13,1027	24-1	0
24	0,135	FRENSW2	-13,0638	24-1	0,135
24	0	SERP	0	24-1	0
24	0,135	SERP	0	24-1	0,135
24	0	INCRTER	-51,1516	24-1	0
24	0,135	INCRTER	-50,5767	24-1	0,135
24	0	LM71SISO	-2,4922	24-1	0
24	0,135	LM71SISO	-2,4848	24-1	0,135
24	0	SW2SISO	-3,7308	24-1	0
24	0,135	SW2SISO	-3,7198	24-1	0,135
24	0	SISMAO	-8,2643	24-1	0
24	0,135	SISMAO	-8,3354	24-1	0,135
24	0	LM71SVA	0,106	24-1	0
24	0,135	LM71SVA	0,0601	24-1	0,135
24	0	SW2SVA	0,1584	24-1	0
24	0,135	SW2SVA	0,0898	24-1	0,135

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
24	0	SISMAVA	4,968	24-1	0
24	0,135	SISMAVA	2,5485	24-1	0,135
24	0	LM71SVB	-0,106	24-1	0
24	0,135	LM71SVB	-0,0601	24-1	0,135
24	0	SW2SVB	-0,1584	24-1	0
24	0,135	SW2SVB	-0,0898	24-1	0,135
24	0	SISMAVB	-4,968	24-1	0
24	0,135	SISMAVB	-2,5485	24-1	0,135
24	0	LM71SX	0,5545	24-1	0
24	0,135	LM71SX	0,4895	24-1	0,135
24	0	LM71DX	-5,6629	24-1	0
24	0,135	LM71DX	-3,3848	24-1	0,135
25	0	PP	-0,2693	25-1	0
25	0,1	PP	1,9687	25-1	0,1
25	0	REINTSUP	-16,0979	25-1	0
25	0,1	REINTSUP	-4,3814	25-1	0,1
25	0	BALLAST	-1,0423	25-1	0
25	0,1	BALLAST	-0,2837	25-1	0,1
25	0	STERRASX	-62,0999	25-1	0
25	0,1	STERRASX	-59,5359	25-1	0,1
25	0	STERRADX	100,835	25-1	0
25	0,1	STERRADX	101,7908	25-1	0,1
25	0	TERMP	-4,1145	25-1	0
25	0,1	TERMP	-4,0371	25-1	0,1
25	0	TERMN	12,3436	25-1	0
25	0,1	TERMN	12,1113	25-1	0,1
25	0	GRADTP	4,0827	25-1	0
25	0,1	GRADTP	4,8663	25-1	0,1
25	0	GRADTN	-4,0827	25-1	0
25	0,1	GRADTN	-4,8663	25-1	0,1
25	0	LM71C	-2,8953	25-1	0
25	0,1	LM71C	-0,788	25-1	0,1
25	0	STLM71	-8,3173	25-1	0
25	0,1	STLM71	-7,9756	25-1	0,1
25	0	AVVLM71	-12,3198	25-1	0
25	0,1	AVVLM71	-11,8922	25-1	0,1
25	0	SW2	-2,8953	25-1	0
25	0,1	SW2	-0,788	25-1	0,1
25	0	STSW2	-8,3173	25-1	0
25	0,1	STSW2	-7,9756	25-1	0,1
25	0	FRENSW2	-13,0638	25-1	0
25	0,1	FRENSW2	-12,6103	25-1	0,1
25	0	SERP	0	25-1	0
25	0,1	SERP	0	25-1	0,1
25	0	INCRTER	-50,5767	25-1	0
25	0,1	INCRTER	-48,4993	25-1	0,1
25	0	LM71SISO	-2,4848	25-1	0
25	0,1	LM71SISO	-2,3985	25-1	0,1
25	0	SW2SISO	-3,7198	25-1	0
25	0,1	SW2SISO	-3,5906	25-1	0,1
25	0	SISMAO	-8,3354	25-1	0
25	0,1	SISMAO	-8,1481	25-1	0,1
25	0	LM71SVA	0,0601	25-1	0
25	0,1	LM71SVA	0,0164	25-1	0,1
25	0	SW2SVA	0,0898	25-1	0
25	0,1	SW2SVA	0,0244	25-1	0,1
25	0	SISMAVA	2,5485	25-1	0
25	0,1	SISMAVA	0,2801	25-1	0,1
25	0	LM71SVB	-0,0601	25-1	0
25	0,1	LM71SVB	-0,0164	25-1	0,1
25	0	SW2SVB	-0,0898	25-1	0
25	0,1	SW2SVB	-0,0244	25-1	0,1
25	0	SISMAVB	-2,5485	25-1	0
25	0,1	SISMAVB	-0,2801	25-1	0,1
25	0	LM71SX	0,4895	25-1	0
25	0,1	LM71SX	0,3694	25-1	0,1
25	0	LM71DX	-3,3848	25-1	0
25	0,1	LM71DX	-1,1574	25-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
26	0	PP	1,9687	26-1	0
26	0,1	PP	4,5223	26-1	0,1
26	0	REINTSUP	-4,3814	26-1	0
26	0,1	REINTSUP	9,55	26-1	0,1
26	0	BALLAST	-0,2837	26-1	0
26	0,1	BALLAST	0,6183	26-1	0,1
26	0	STERRASX	-59,5359	26-1	0
26	0,1	STERRASX	-55,1153	26-1	0,1
26	0	STERRADX	101,7908	26-1	0
26	0,1	STERRADX	100,8891	26-1	0,1
26	0	TERMP	-4,0371	26-1	0
26	0,1	TERMP	-3,9592	26-1	0,1
26	0	TERMN	12,1113	26-1	0
26	0,1	TERMN	11,8776	26-1	0,1
26	0	GRADTP	4,8663	26-1	0
26	0,1	GRADTP	5,6502	26-1	0,1
26	0	GRADTN	-4,8663	26-1	0
26	0,1	GRADTN	-5,6502	26-1	0,1
26	0	LM71C	-0,788	26-1	0
26	0,1	LM71C	1,7176	26-1	0,1
26	0	STLM71	-7,9756	26-1	0
26	0,1	STLM71	-7,3857	26-1	0,1
26	0	AVVLM71	-11,8922	26-1	0
26	0,1	AVVLM71	-11,0983	26-1	0,1
26	0	SW2	-0,788	26-1	0
26	0,1	SW2	1,7176	26-1	0,1
26	0	STSW2	-7,9756	26-1	0
26	0,1	STSW2	-7,3857	26-1	0,1
26	0	FRENSW2	-12,6103	26-1	0
26	0,1	FRENSW2	-11,7685	26-1	0,1
26	0	SERP	0	26-1	0
26	0,1	SERP	0	26-1	0,1
26	0	INCRTER	-48,4993	26-1	0
26	0,1	INCRTER	-44,9117	26-1	0,1
26	0	LM71SISO	-2,3985	26-1	0
26	0,1	LM71SISO	-2,2384	26-1	0,1
26	0	SW2SISO	-3,5906	26-1	0
26	0,1	SW2SISO	-3,3509	26-1	0,1
26	0	SISMAO	-8,1481	26-1	0
26	0,1	SISMAO	-7,7415	26-1	0,1
26	0	LM71SVA	0,0164	26-1	0
26	0,1	LM71SVA	-0,0356	26-1	0,1
26	0	SW2SVA	0,0244	26-1	0
26	0,1	SW2SVA	-0,0532	26-1	0,1
26	0	SISMAVA	0,2801	26-1	0
26	0,1	SISMAVA	-2,3937	26-1	0,1
26	0	LM71SVB	-0,0164	26-1	0
26	0,1	LM71SVB	0,0356	26-1	0,1
26	0	SW2SVB	-0,0244	26-1	0
26	0,1	SW2SVB	0,0532	26-1	0,1
26	0	SISMAVB	-0,2801	26-1	0
26	0,1	SISMAVB	2,3937	26-1	0,1
26	0	LM71SX	0,3694	26-1	0
26	0,1	LM71SX	0,1687	26-1	0,1
26	0	LM71DX	-1,1574	26-1	0
26	0,1	LM71DX	1,5489	26-1	0,1
27	0	PP	4,5223	27-1	0
27	0,0625	PP	4,3556	27-1	0,0625
27	0,125	PP	4,1889	27-1	0,125
27	0	REINTSUP	9,55	27-1	0
27	0,0625	REINTSUP	9,7222	27-1	0,0625
27	0,125	REINTSUP	9,8944	27-1	0,125
27	0	BALLAST	0,6183	27-1	0
27	0,0625	BALLAST	0,6295	27-1	0,0625
27	0,125	BALLAST	0,6406	27-1	0,125
27	0	STERRASX	100,8891	27-1	0
27	0,0625	STERRASX	89,496	27-1	0,0625
27	0,125	STERRASX	78,5702	27-1	0,125

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
27	0	STERRADX	-55,1153	27-1	0
27	0,0625	STERRADX	-52,3482	27-1	0,0625
27	0,125	STERRADX	-49,5812	27-1	0,125
27	0	TERMP	-3,9592	27-1	0
27	0,0625	TERMP	-3,7718	27-1	0,0625
27	0,125	TERMP	-3,5843	27-1	0,125
27	0	TERMN	11,8776	27-1	0
27	0,0625	TERMN	11,3153	27-1	0,0625
27	0,125	TERMN	10,7529	27-1	0,125
27	0	GRADTP	5,6502	27-1	0
27	0,0625	GRADTP	5,2154	27-1	0,0625
27	0,125	GRADTP	4,7805	27-1	0,125
27	0	GRADTN	-5,6502	27-1	0
27	0,0625	GRADTN	-5,2154	27-1	0,0625
27	0,125	GRADTN	-4,7805	27-1	0,125
27	0	LM71C	1,7176	27-1	0
27	0,0625	LM71C	1,7486	27-1	0,0625
27	0,125	LM71C	1,7796	27-1	0,125
27	0	STLM71	13,281	27-1	0
27	0,0625	STLM71	11,8266	27-1	0,0625
27	0,125	STLM71	10,4277	27-1	0,125
27	0	AVVLM71	11,0983	27-1	0
27	0,0625	AVVLM71	10,5447	27-1	0,0625
27	0,125	AVVLM71	9,9911	27-1	0,125
27	0	SW2	1,7176	27-1	0
27	0,0625	SW2	1,7486	27-1	0,0625
27	0,125	SW2	1,7796	27-1	0,125
27	0	STSW2	13,281	27-1	0
27	0,0625	STSW2	11,8266	27-1	0,0625
27	0,125	STSW2	10,4277	27-1	0,125
27	0	FRENSW2	11,7685	27-1	0
27	0,0625	FRENSW2	11,1814	27-1	0,0625
27	0,125	FRENSW2	10,5944	27-1	0,125
27	0	SERP	0	27-1	0
27	0,0625	SERP	0	27-1	0,0625
27	0,125	SERP	0	27-1	0,125
27	0	INCRTER	80,7605	27-1	0
27	0,0625	INCRTER	71,9164	27-1	0,0625
27	0,125	INCRTER	63,4099	27-1	0,125
27	0	LM71SISO	2,2384	27-1	0
27	0,0625	LM71SISO	2,1268	27-1	0,0625
27	0,125	LM71SISO	2,0151	27-1	0,125
27	0	SW2SISO	3,3509	27-1	0
27	0,0625	SW2SISO	3,1838	27-1	0,0625
27	0,125	SW2SISO	3,0166	27-1	0,125
27	0	SISMAO	7,7415	27-1	0
27	0,0625	SISMAO	7,2005	27-1	0,0625
27	0,125	SISMAO	6,6703	27-1	0,125
27	0	LM71SVA	-0,0356	27-1	0
27	0,0625	LM71SVA	-0,0363	27-1	0,0625
27	0,125	LM71SVA	-0,0369	27-1	0,125
27	0	SW2SVA	-0,0532	27-1	0
27	0,0625	SW2SVA	-0,0542	27-1	0,0625
27	0,125	SW2SVA	-0,0552	27-1	0,125
27	0	SISMAVA	-2,3937	27-1	0
27	0,0625	SISMAVA	-2,3896	27-1	0,0625
27	0,125	SISMAVA	-2,3854	27-1	0,125
27	0	LM71SVB	0,0356	27-1	0
27	0,0625	LM71SVB	0,0363	27-1	0,0625
27	0,125	LM71SVB	0,0369	27-1	0,125
27	0	SW2SVB	0,0532	27-1	0
27	0,0625	SW2SVB	0,0542	27-1	0,0625
27	0,125	SW2SVB	0,0552	27-1	0,125
27	0	SISMAVB	2,3937	27-1	0
27	0,0625	SISMAVB	2,3896	27-1	0,0625
27	0,125	SISMAVB	2,3854	27-1	0,125
27	0	LM71SX	1,5489	27-1	0
27	0,0625	LM71SX	1,5875	27-1	0,0625

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
27	0,125	LM71SX	1,626	27-1	0,125
27	0	LM71DX	0,1687	27-1	0
27	0,0625	LM71DX	0,1611	27-1	0,0625
27	0,125	LM71DX	0,1535	27-1	0,125
28	0	PP	1,769E-11	28-1	0
28	0,0625	PP	1,848E-11	28-1	0,0625
28	0,125	PP	1,927E-11	28-1	0,125
28	0	REINTSUP	8,807E-11	28-1	0
28	0,0625	REINTSUP	9,183E-11	28-1	0,0625
28	0,125	REINTSUP	9,56E-11	28-1	0,125
28	0	BALLAST	5,789E-12	28-1	0
28	0,0625	BALLAST	6,063E-12	28-1	0,0625
28	0,125	BALLAST	6,337E-12	28-1	0,125
28	0	STERRASX	44,7476	28-1	0
28	0,0625	STERRASX	47,1538	28-1	0,0625
28	0,125	STERRASX	49,56	28-1	0,125
28	0	STERRADX	-44,7476	28-1	0
28	0,0625	STERRADX	-47,1538	28-1	0,0625
28	0,125	STERRADX	-49,56	28-1	0,125
28	0	TERMP	9,486E-13	28-1	0
28	0,0625	TERMP	1,001E-12	28-1	0,0625
28	0,125	TERMP	1,053E-12	28-1	0,125
28	0	TERMN	-2,436E-12	28-1	0
28	0,0625	TERMN	-2,569E-12	28-1	0,0625
28	0,125	TERMN	-2,703E-12	28-1	0,125
28	0	GRADTP	5,65E-15	28-1	0
28	0,0625	GRADTP	5,837E-15	28-1	0,0625
28	0,125	GRADTP	6,024E-15	28-1	0,125
28	0	GRADTN	-5,65E-15	28-1	0
28	0,0625	GRADTN	-5,837E-15	28-1	0,0625
28	0,125	GRADTN	-6,024E-15	28-1	0,125
28	0	LM71C	1,619E-11	28-1	0
28	0,0625	LM71C	1,694E-11	28-1	0,0625
28	0,125	LM71C	1,769E-11	28-1	0,125
28	0	STLM71	6,0025	28-1	0
28	0,0625	STLM71	6,3256	28-1	0,0625
28	0,125	STLM71	6,6486	28-1	0,125
28	0	AVVLM71	9,0163	28-1	0
28	0,0625	AVVLM71	9,5133	28-1	0,0625
28	0,125	AVVLM71	10,0103	28-1	0,125
28	0	SW2	1,617E-11	28-1	0
28	0,0625	SW2	1,689E-11	28-1	0,0625
28	0,125	SW2	1,76E-11	28-1	0,125
28	0	STSW2	6,0025	28-1	0
28	0,0625	STSW2	6,3256	28-1	0,0625
28	0,125	STSW2	6,6486	28-1	0,125
28	0	FRENSW2	9,5608	28-1	0
28	0,0625	FRENSW2	10,0878	28-1	0,0625
28	0,125	FRENSW2	10,6148	28-1	0,125
28	0	SERP	0	28-1	0
28	0,0625	SERP	0	28-1	0,0625
28	0,125	SERP	0	28-1	0,125
28	0	INCRTER	36,5009	28-1	0
28	0,0625	INCRTER	38,4654	28-1	0,0625
28	0,125	INCRTER	40,4298	28-1	0,125
28	0	LM71SISO	1,8185	28-1	0
28	0,0625	LM71SISO	1,9188	28-1	0,0625
28	0,125	LM71SISO	2,019	28-1	0,125
28	0	SW2SISO	2,7223	28-1	0
28	0,0625	SW2SISO	2,8724	28-1	0,0625
28	0,125	SW2SISO	3,0224	28-1	0,125
28	0	SISMAO	5,3565	28-1	0
28	0,0625	SISMAO	5,6487	28-1	0,0625
28	0,125	SISMAO	5,9409	28-1	0,125
28	0	LM71SVA	-3,288E-13	28-1	0
28	0,0625	LM71SVA	-3,424E-13	28-1	0,0625
28	0,125	LM71SVA	-3,56E-13	28-1	0,125
28	0	SW2SVA	-4,991E-13	28-1	0

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28	0,0625	SW2SVA	-5,206E-13	28-1	0,0625
28	0,125	SW2SVA	-5,422E-13	28-1	0,125
28	0	SISMAVA	-1,636E-11	28-1	0
28	0,0625	SISMAVA	-1,705E-11	28-1	0,0625
28	0,125	SISMAVA	-1,773E-11	28-1	0,125
28	0	LM71SVB	3,288E-13	28-1	0
28	0,0625	LM71SVB	3,424E-13	28-1	0,0625
28	0,125	LM71SVB	3,56E-13	28-1	0,125
28	0	SW2SVB	4,991E-13	28-1	0
28	0,0625	SW2SVB	5,206E-13	28-1	0,0625
28	0,125	SW2SVB	5,422E-13	28-1	0,125
28	0	SISMAVB	1,636E-11	28-1	0
28	0,0625	SISMAVB	1,705E-11	28-1	0,0625
28	0,125	SISMAVB	1,773E-11	28-1	0,125
28	0	LM71SX	0,1721	28-1	0
28	0,0625	LM71SX	0,2183	28-1	0,0625
28	0,125	LM71SX	0,2644	28-1	0,125
28	0	LM71DX	-0,1721	28-1	0
28	0,0625	LM71DX	-0,2183	28-1	0,0625
28	0,125	LM71DX	-0,2644	28-1	0,125
29	0	PP	-4,5223	29-1	0
29	0,0625	PP	-4,3556	29-1	0,0625
29	0,125	PP	-4,1889	29-1	0,125
29	0	REINTSUP	-9,55	29-1	0
29	0,0625	REINTSUP	-9,7222	29-1	0,0625
29	0,125	REINTSUP	-9,8944	29-1	0,125
29	0	BALLAST	-0,6183	29-1	0
29	0,0625	BALLAST	-0,6295	29-1	0,0625
29	0,125	BALLAST	-0,6406	29-1	0,125
29	0	STERRASX	55,1153	29-1	0
29	0,0625	STERRASX	52,3482	29-1	0,0625
29	0,125	STERRASX	49,5812	29-1	0,125
29	0	STERRADX	-100,8891	29-1	0
29	0,0625	STERRADX	-89,496	29-1	0,0625
29	0,125	STERRADX	-78,5702	29-1	0,125
29	0	TERMP	3,9592	29-1	0
29	0,0625	TERMP	3,7718	29-1	0,0625
29	0,125	TERMP	3,5843	29-1	0,125
29	0	TERMN	-11,8776	29-1	0
29	0,0625	TERMN	-11,3153	29-1	0,0625
29	0,125	TERMN	-10,7529	29-1	0,125
29	0	GRADTP	-5,6502	29-1	0
29	0,0625	GRADTP	-5,2154	29-1	0,0625
29	0,125	GRADTP	-4,7805	29-1	0,125
29	0	GRADTN	5,6502	29-1	0
29	0,0625	GRADTN	5,2154	29-1	0,0625
29	0,125	GRADTN	4,7805	29-1	0,125
29	0	LM71C	-1,7176	29-1	0
29	0,0625	LM71C	-1,7486	29-1	0,0625
29	0,125	LM71C	-1,7796	29-1	0,125
29	0	STLM71	7,3857	29-1	0
29	0,0625	STLM71	7,015	29-1	0,0625
29	0,125	STLM71	6,6443	29-1	0,125
29	0	AVVLM71	11,0983	29-1	0
29	0,0625	AVVLM71	10,5447	29-1	0,0625
29	0,125	AVVLM71	9,9911	29-1	0,125
29	0	SW2	-1,7176	29-1	0
29	0,0625	SW2	-1,7486	29-1	0,0625
29	0,125	SW2	-1,7796	29-1	0,125
29	0	STSW2	7,3857	29-1	0
29	0,0625	STSW2	7,015	29-1	0,0625
29	0,125	STSW2	6,6443	29-1	0,125
29	0	FRENSW2	11,7685	29-1	0
29	0,0625	FRENSW2	11,1814	29-1	0,0625
29	0,125	FRENSW2	10,5944	29-1	0,125
29	0	SERP	0	29-1	0
29	0,0625	SERP	0	29-1	0,0625
29	0,125	SERP	0	29-1	0,125

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
29	0	INCRTER	44,9117	29-1	0
29	0,0625	INCRTER	42,6574	29-1	0,0625
29	0,125	INCRTER	40,4032	29-1	0,125
29	0	LM71SISO	2,2384	29-1	0
29	0,0625	LM71SISO	2,1268	29-1	0,0625
29	0,125	LM71SISO	2,0151	29-1	0,125
29	0	SW2SISO	3,3509	29-1	0
29	0,0625	SW2SISO	3,1838	29-1	0,0625
29	0,125	SW2SISO	3,0166	29-1	0,125
29	0	SISMAO	7,7415	29-1	0
29	0,0625	SISMAO	7,2005	29-1	0,0625
29	0,125	SISMAO	6,6703	29-1	0,125
29	0	LM71SVA	0,0356	29-1	0
29	0,0625	LM71SVA	0,0363	29-1	0,0625
29	0,125	LM71SVA	0,0369	29-1	0,125
29	0	SW2SVA	0,0532	29-1	0
29	0,0625	SW2SVA	0,0542	29-1	0,0625
29	0,125	SW2SVA	0,0552	29-1	0,125
29	0	SISMAVA	2,3937	29-1	0
29	0,0625	SISMAVA	2,3896	29-1	0,0625
29	0,125	SISMAVA	2,3854	29-1	0,125
29	0	LM71SVB	-0,0356	29-1	0
29	0,0625	LM71SVB	-0,0363	29-1	0,0625
29	0,125	LM71SVB	-0,0369	29-1	0,125
29	0	SW2SVB	-0,0532	29-1	0
29	0,0625	SW2SVB	-0,0542	29-1	0,0625
29	0,125	SW2SVB	-0,0552	29-1	0,125
29	0	SISMAVB	-2,3937	29-1	0
29	0,0625	SISMAVB	-2,3896	29-1	0,0625
29	0,125	SISMAVB	-2,3854	29-1	0,125
29	0	LM71SX	-0,1687	29-1	0
29	0,0625	LM71SX	-0,1611	29-1	0,0625
29	0,125	LM71SX	-0,1535	29-1	0,125
29	0	LM71DX	-1,5489	29-1	0
29	0,0625	LM71DX	-1,5875	29-1	0,0625
29	0,125	LM71DX	-1,626	29-1	0,125
30	0	PP	4,1889	30-1	0
30	0,0625	PP	4,0223	30-1	0,0625
30	0,125	PP	3,8556	30-1	0,125
30	0	REINTSUP	9,8944	30-1	0
30	0,0625	REINTSUP	10,0666	30-1	0,0625
30	0,125	REINTSUP	10,2388	30-1	0,125
30	0	BALLAST	0,6406	30-1	0
30	0,0625	BALLAST	0,6518	30-1	0,0625
30	0,125	BALLAST	0,6629	30-1	0,125
30	0	STERRASX	78,5702	30-1	0
30	0,0625	STERRASX	68,1096	30-1	0,0625
30	0,125	STERRASX	58,1121	30-1	0,125
30	0	STERRADX	-49,5812	30-1	0
30	0,0625	STERRADX	-46,8142	30-1	0,0625
30	0,125	STERRADX	-44,0471	30-1	0,125
30	0	TERMP	-3,5843	30-1	0
30	0,0625	TERMP	-3,3969	30-1	0,0625
30	0,125	TERMP	-3,2094	30-1	0,125
30	0	TERMN	10,7529	30-1	0
30	0,0625	TERMN	10,1906	30-1	0,0625
30	0,125	TERMN	9,6282	30-1	0,125
30	0	GRADTP	4,7805	30-1	0
30	0,0625	GRADTP	4,3456	30-1	0,0625
30	0,125	GRADTP	3,9107	30-1	0,125
30	0	GRADTN	-4,7805	30-1	0
30	0,0625	GRADTN	-4,3456	30-1	0,0625
30	0,125	GRADTN	-3,9107	30-1	0,125
30	0	LM71C	1,7796	30-1	0
30	0,0625	LM71C	1,8105	30-1	0,0625
30	0,125	LM71C	1,8415	30-1	0,125
30	0	STLM71	10,4277	30-1	0
30	0,0625	STLM71	9,0843	30-1	0,0625

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
30	0,125	STLM71	7,7964	30-1	0,125
30	0	AVVLM71	9,9911	30-1	0
30	0,0625	AVVLM71	9,4374	30-1	0,0625
30	0,125	AVVLM71	8,8838	30-1	0,125
30	0	SW2	1,7796	30-1	0
30	0,0625	SW2	1,8105	30-1	0,0625
30	0,125	SW2	1,8415	30-1	0,125
30	0	STSW2	10,4277	30-1	0
30	0,0625	STSW2	9,0843	30-1	0,0625
30	0,125	STSW2	7,7964	30-1	0,125
30	0	FRENSW2	10,5944	30-1	0
30	0,0625	FRENSW2	10,0073	30-1	0,0625
30	0,125	FRENSW2	9,4203	30-1	0,125
30	0	SERP	0	30-1	0
30	0,0625	SERP	0	30-1	0,0625
30	0,125	SERP	0	30-1	0,125
30	0	INCRTER	63,4099	30-1	0
30	0,0625	INCRTER	55,2409	30-1	0,0625
30	0,125	INCRTER	47,4094	30-1	0,125
30	0	LM71SISO	2,0151	30-1	0
30	0,0625	LM71SISO	1,9034	30-1	0,0625
30	0,125	LM71SISO	1,7918	30-1	0,125
30	0	SW2SISO	3,0166	30-1	0
30	0,0625	SW2SISO	2,8495	30-1	0,0625
30	0,125	SW2SISO	2,6823	30-1	0,125
30	0	SISMAO	6,6703	30-1	0
30	0,0625	SISMAO	6,151	30-1	0,0625
30	0,125	SISMAO	5,6424	30-1	0,125
30	0	LM71SVA	-0,0369	30-1	0
30	0,0625	LM71SVA	-0,0376	30-1	0,0625
30	0,125	LM71SVA	-0,0382	30-1	0,125
30	0	SW2SVA	-0,0552	30-1	0
30	0,0625	SW2SVA	-0,0561	30-1	0,0625
30	0,125	SW2SVA	-0,0571	30-1	0,125
30	0	SISMAVA	-2,3854	30-1	0
30	0,0625	SISMAVA	-2,3812	30-1	0,0625
30	0,125	SISMAVA	-2,3771	30-1	0,125
30	0	LM71SVB	0,0369	30-1	0
30	0,0625	LM71SVB	0,0376	30-1	0,0625
30	0,125	LM71SVB	0,0382	30-1	0,125
30	0	SW2SVB	0,0552	30-1	0
30	0,0625	SW2SVB	0,0561	30-1	0,0625
30	0,125	SW2SVB	0,0571	30-1	0,125
30	0	SISMAVB	2,3854	30-1	0
30	0,0625	SISMAVB	2,3812	30-1	0,0625
30	0,125	SISMAVB	2,3771	30-1	0,125
30	0	LM71SX	1,626	30-1	0
30	0,0625	LM71SX	1,6646	30-1	0,0625
30	0,125	LM71SX	1,7031	30-1	0,125
30	0	LM71DX	0,1535	30-1	0
30	0,0625	LM71DX	0,146	30-1	0,0625
30	0,125	LM71DX	0,1384	30-1	0,125
31	0	PP	1,632E-11	31-1	0
31	0,0625	PP	1,712E-11	31-1	0,0625
31	0,125	PP	1,793E-11	31-1	0,125
31	0	REINTSUP	8,093E-11	31-1	0
31	0,0625	REINTSUP	8,474E-11	31-1	0,0625
31	0,125	REINTSUP	8,855E-11	31-1	0,125
31	0	BALLAST	5,26E-12	31-1	0
31	0,0625	BALLAST	5,511E-12	31-1	0,0625
31	0,125	BALLAST	5,761E-12	31-1	0,125
31	0	STERRASX	39,9352	31-1	0
31	0,0625	STERRASX	42,3414	31-1	0,0625
31	0,125	STERRASX	44,7476	31-1	0,125
31	0	STERRADX	-39,9352	31-1	0
31	0,0625	STERRADX	-42,3414	31-1	0,0625
31	0,125	STERRADX	-44,7476	31-1	0,125
31	0	TERMP	8,444E-13	31-1	0

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31	0,0625	TERMP	8,965E-13	31-1	0,0625
31	0,125	TERMP	9,486E-13	31-1	0,125
31	0	TERMN	-2,168E-12	31-1	0
31	0,0625	TERMN	-2,302E-12	31-1	0,0625
31	0,125	TERMN	-2,436E-12	31-1	0,125
31	0	GRADTP	5,245E-15	31-1	0
31	0,0625	GRADTP	5,433E-15	31-1	0,0625
31	0,125	GRADTP	5,62E-15	31-1	0,125
31	0	GRADTN	-5,245E-15	31-1	0
31	0,0625	GRADTN	-5,433E-15	31-1	0,0625
31	0,125	GRADTN	-5,62E-15	31-1	0,125
31	0	LM71C	1,46E-11	31-1	0
31	0,0625	LM71C	1,529E-11	31-1	0,0625
31	0,125	LM71C	1,599E-11	31-1	0,125
31	0	STLM71	5,3564	31-1	0
31	0,0625	STLM71	5,6795	31-1	0,0625
31	0,125	STLM71	6,0025	31-1	0,125
31	0	AVVLM71	8,0224	31-1	0
31	0,0625	AVVLM71	8,5194	31-1	0,0625
31	0,125	AVVLM71	9,0163	31-1	0,125
31	0	SW2	1,46E-11	31-1	0
31	0,0625	SW2	1,529E-11	31-1	0,0625
31	0,125	SW2	1,599E-11	31-1	0,125
31	0	STSW2	5,3564	31-1	0
31	0,0625	STSW2	5,6795	31-1	0,0625
31	0,125	STSW2	6,0025	31-1	0,125
31	0	FRENSW2	8,5068	31-1	0
31	0,0625	FRENSW2	9,0338	31-1	0,0625
31	0,125	FRENSW2	9,5608	31-1	0,125
31	0	SERP	0	31-1	0
31	0,0625	SERP	0	31-1	0,0625
31	0,125	SERP	0	31-1	0,125
31	0	INCRTER	32,572	31-1	0
31	0,0625	INCRTER	34,5365	31-1	0,0625
31	0,125	INCRTER	36,5009	31-1	0,125
31	0	LM71SISO	1,618	31-1	0
31	0,0625	LM71SISO	1,7183	31-1	0,0625
31	0,125	LM71SISO	1,8185	31-1	0,125
31	0	SW2SISO	2,4222	31-1	0
31	0,0625	SW2SISO	2,5723	31-1	0,0625
31	0,125	SW2SISO	2,7223	31-1	0,125
31	0	SISMAO	4,7721	31-1	0
31	0,0625	SISMAO	5,0643	31-1	0,0625
31	0,125	SISMAO	5,3565	31-1	0,125
31	0	LM71SVA	-3,011E-13	31-1	0
31	0,0625	LM71SVA	-3,152E-13	31-1	0,0625
31	0,125	LM71SVA	-3,293E-13	31-1	0,125
31	0	SW2SVA	-4,552E-13	31-1	0
31	0,0625	SW2SVA	-4,772E-13	31-1	0,0625
31	0,125	SW2SVA	-4,992E-13	31-1	0,125
31	0	SISMAVA	-1,507E-11	31-1	0
31	0,0625	SISMAVA	-1,582E-11	31-1	0,0625
31	0,125	SISMAVA	-1,657E-11	31-1	0,125
31	0	LM71SVB	3,011E-13	31-1	0
31	0,0625	LM71SVB	3,152E-13	31-1	0,0625
31	0,125	LM71SVB	3,293E-13	31-1	0,125
31	0	SW2SVB	4,552E-13	31-1	0
31	0,0625	SW2SVB	4,772E-13	31-1	0,0625
31	0,125	SW2SVB	4,992E-13	31-1	0,125
31	0	SISMAVB	1,507E-11	31-1	0
31	0,0625	SISMAVB	1,582E-11	31-1	0,0625
31	0,125	SISMAVB	1,657E-11	31-1	0,125
31	0	LM71SX	0,0799	31-1	0
31	0,0625	LM71SX	0,126	31-1	0,0625
31	0,125	LM71SX	0,1721	31-1	0,125
31	0	LM71DX	-0,0799	31-1	0
31	0,0625	LM71DX	-0,126	31-1	0,0625
31	0,125	LM71DX	-0,1721	31-1	0,125

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32	0	PP	-4,1889	32-1	0
32	0,0625	PP	-4,0223	32-1	0,0625
32	0,125	PP	-3,8556	32-1	0,125
32	0	REINTSUP	-9,8944	32-1	0
32	0,0625	REINTSUP	-10,0666	32-1	0,0625
32	0,125	REINTSUP	-10,2388	32-1	0,125
32	0	BALLAST	-0,6406	32-1	0
32	0,0625	BALLAST	-0,6518	32-1	0,0625
32	0,125	BALLAST	-0,6629	32-1	0,125
32	0	STERRASX	49,5812	32-1	0
32	0,0625	STERRASX	46,8142	32-1	0,0625
32	0,125	STERRASX	44,0471	32-1	0,125
32	0	STERRADX	-78,5702	32-1	0
32	0,0625	STERRADX	-68,1096	32-1	0,0625
32	0,125	STERRADX	-58,1121	32-1	0,125
32	0	TERMP	3,5843	32-1	0
32	0,0625	TERMP	3,3969	32-1	0,0625
32	0,125	TERMP	3,2094	32-1	0,125
32	0	TERMN	-10,7529	32-1	0
32	0,0625	TERMN	-10,1906	32-1	0,0625
32	0,125	TERMN	-9,6282	32-1	0,125
32	0	GRADTP	-4,7805	32-1	0
32	0,0625	GRADTP	-4,3456	32-1	0,0625
32	0,125	GRADTP	-3,9107	32-1	0,125
32	0	GRADTN	4,7805	32-1	0
32	0,0625	GRADTN	4,3456	32-1	0,0625
32	0,125	GRADTN	3,9107	32-1	0,125
32	0	LM71C	-1,7796	32-1	0
32	0,0625	LM71C	-1,8105	32-1	0,0625
32	0,125	LM71C	-1,8415	32-1	0,125
32	0	STLM71	6,6443	32-1	0
32	0,0625	STLM71	6,2735	32-1	0,0625
32	0,125	STLM71	5,9028	32-1	0,125
32	0	AVVLM71	9,9911	32-1	0
32	0,0625	AVVLM71	9,4374	32-1	0,0625
32	0,125	AVVLM71	8,8838	32-1	0,125
32	0	SW2	-1,7796	32-1	0
32	0,0625	SW2	-1,8105	32-1	0,0625
32	0,125	SW2	-1,8415	32-1	0,125
32	0	STSW2	6,6443	32-1	0
32	0,0625	STSW2	6,2735	32-1	0,0625
32	0,125	STSW2	5,9028	32-1	0,125
32	0	FRENSW2	10,5944	32-1	0
32	0,0625	FRENSW2	10,0073	32-1	0,0625
32	0,125	FRENSW2	9,4203	32-1	0,125
32	0	SERP	0	32-1	0
32	0,0625	SERP	0	32-1	0,0625
32	0,125	SERP	0	32-1	0,125
32	0	INCRTER	40,4032	32-1	0
32	0,0625	INCRTER	38,149	32-1	0,0625
32	0,125	INCRTER	35,8948	32-1	0,125
32	0	LM71SISO	2,0151	32-1	0
32	0,0625	LM71SISO	1,9034	32-1	0,0625
32	0,125	LM71SISO	1,7918	32-1	0,125
32	0	SW2SISO	3,0166	32-1	0
32	0,0625	SW2SISO	2,8495	32-1	0,0625
32	0,125	SW2SISO	2,6823	32-1	0,125
32	0	SISMAO	6,6703	32-1	0
32	0,0625	SISMAO	6,151	32-1	0,0625
32	0,125	SISMAO	5,6424	32-1	0,125
32	0	LM71SVA	0,0369	32-1	0
32	0,0625	LM71SVA	0,0376	32-1	0,0625
32	0,125	LM71SVA	0,0382	32-1	0,125
32	0	SW2SVA	0,0552	32-1	0
32	0,0625	SW2SVA	0,0561	32-1	0,0625
32	0,125	SW2SVA	0,0571	32-1	0,125
32	0	SISMAVA	2,3854	32-1	0
32	0,0625	SISMAVA	2,3812	32-1	0,0625

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
32	0,125	SISMAVA	2,3771	32-1	0,125
32	0	LM71SVB	-0,0369	32-1	0
32	0,0625	LM71SVB	-0,0376	32-1	0,0625
32	0,125	LM71SVB	-0,0382	32-1	0,125
32	0	SW2SVB	-0,0552	32-1	0
32	0,0625	SW2SVB	-0,0561	32-1	0,0625
32	0,125	SW2SVB	-0,0571	32-1	0,125
32	0	SISMAVB	-2,3854	32-1	0
32	0,0625	SISMAVB	-2,3812	32-1	0,0625
32	0,125	SISMAVB	-2,3771	32-1	0,125
32	0	LM71SX	-0,1535	32-1	0
32	0,0625	LM71SX	-0,146	32-1	0,0625
32	0,125	LM71SX	-0,1384	32-1	0,125
32	0	LM71DX	-1,626	32-1	0
32	0,0625	LM71DX	-1,6646	32-1	0,0625
32	0,125	LM71DX	-1,7031	32-1	0,125
33	0	PP	3,8556	33-1	0
33	0,25	PP	3,189	33-1	0,25
33	0,5	PP	2,5223	33-1	0,5
33	0	REINTSUP	10,2388	33-1	0
33	0,25	REINTSUP	10,9276	33-1	0,25
33	0,5	REINTSUP	11,6165	33-1	0,5
33	0	BALLAST	0,6629	33-1	0
33	0,25	BALLAST	0,7075	33-1	0,25
33	0,5	BALLAST	0,7521	33-1	0,5
33	0	STERRASX	58,1121	33-1	0
33	0,25	STERRASX	22,7123	33-1	0,25
33	0,5	STERRASX	-5,4437	33-1	0,5
33	0	STERRADX	-44,0471	33-1	0
33	0,25	STERRADX	-32,979	33-1	0,25
33	0,5	STERRADX	-21,9109	33-1	0,5
33	0	TERMP	-3,2094	33-1	0
33	0,25	TERMP	-2,4596	33-1	0,25
33	0,5	TERMP	-1,7098	33-1	0,5
33	0	TERMN	9,6282	33-1	0
33	0,25	TERMN	7,3788	33-1	0,25
33	0,5	TERMN	5,1293	33-1	0,5
33	0	GRADTP	3,9107	33-1	0
33	0,25	GRADTP	2,1712	33-1	0,25
33	0,5	GRADTP	0,4316	33-1	0,5
33	0	GRADTN	-3,9107	33-1	0
33	0,25	GRADTN	-2,1712	33-1	0,25
33	0,5	GRADTN	-0,4316	33-1	0,5
33	0	LM71C	1,8415	33-1	0
33	0,25	LM71C	1,9654	33-1	0,25
33	0,5	LM71C	2,0893	33-1	0,5
33	0	STLM71	7,7964	33-1	0
33	0,25	STLM71	3,2	33-1	0,25
33	0,5	STLM71	-0,5083	33-1	0,5
33	0	AVVLM71	8,8838	33-1	0
33	0,25	AVVLM71	6,6693	33-1	0,25
33	0,5	AVVLM71	4,4548	33-1	0,5
33	0	SW2	1,8415	33-1	0
33	0,25	SW2	1,9654	33-1	0,25
33	0,5	SW2	2,0893	33-1	0,5
33	0	STSW2	7,7964	33-1	0
33	0,25	STSW2	3,2	33-1	0,25
33	0,5	STSW2	-0,5083	33-1	0,5
33	0	FRENSW2	9,4203	33-1	0
33	0,25	FRENSW2	7,072	33-1	0,25
33	0,5	FRENSW2	4,7238	33-1	0,5
33	0	SERP	0	33-1	0
33	0,25	SERP	0	33-1	0,25
33	0,5	SERP	0	33-1	0,5
33	0	INCRTER	47,4094	33-1	0
33	0,25	INCRTER	19,4589	33-1	0,25
33	0,5	INCRTER	-3,091	33-1	0,5
33	0	LM71SISO	1,7918	33-1	0

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
33	0,25	LM71SISO	1,3451	33-1	0,25
33	0,5	LM71SISO	0,8985	33-1	0,5
33	0	SW2SISO	2,6823	33-1	0
33	0,25	SW2SISO	2,0137	33-1	0,25
33	0,5	SW2SISO	1,345	33-1	0,5
33	0	SISMAO	5,6424	33-1	0
33	0,25	SISMAO	3,7165	33-1	0,25
33	0,5	SISMAO	1,9638	33-1	0,5
33	0	LM71SVA	-0,0382	33-1	0
33	0,25	LM71SVA	-0,0408	33-1	0,25
33	0,5	LM71SVA	-0,0434	33-1	0,5
33	0	SW2SVA	-0,0571	33-1	0
33	0,25	SW2SVA	-0,0609	33-1	0,25
33	0,5	SW2SVA	-0,0648	33-1	0,5
33	0	SISMAVA	-2,3771	33-1	0
33	0,25	SISMAVA	-2,3605	33-1	0,25
33	0,5	SISMAVA	-2,3438	33-1	0,5
33	0	LM71SVB	0,0382	33-1	0
33	0,25	LM71SVB	0,0408	33-1	0,25
33	0,5	LM71SVB	0,0434	33-1	0,5
33	0	SW2SVB	0,0571	33-1	0
33	0,25	SW2SVB	0,0609	33-1	0,25
33	0,5	SW2SVB	0,0648	33-1	0,5
33	0	SISMAVB	2,3771	33-1	0
33	0,25	SISMAVB	2,3605	33-1	0,25
33	0,5	SISMAVB	2,3438	33-1	0,5
33	0	LM71SX	1,7031	33-1	0
33	0,25	LM71SX	1,8573	33-1	0,25
33	0,5	LM71SX	2,0115	33-1	0,5
33	0	LM71DX	0,1384	33-1	0
33	0,25	LM71DX	0,1081	33-1	0,25
33	0,5	LM71DX	0,0778	33-1	0,5
34	0	PP	9,888E-12	34-1	0
34	0,25	PP	1,31E-11	34-1	0,25
34	0,5	PP	1,632E-11	34-1	0,5
34	0	REINTSUP	5,042E-11	34-1	0
34	0,25	REINTSUP	6,567E-11	34-1	0,25
34	0,5	REINTSUP	8,093E-11	34-1	0,5
34	0	BALLAST	3,258E-12	34-1	0
34	0,25	BALLAST	4,259E-12	34-1	0,25
34	0,5	BALLAST	5,26E-12	34-1	0,5
34	0	STERRASX	20,6856	34-1	0
34	0,25	STERRASX	30,3104	34-1	0,25
34	0,5	STERRASX	39,9352	34-1	0,5
34	0	STERRADX	-20,6856	34-1	0
34	0,25	STERRADX	-30,3104	34-1	0,25
34	0,5	STERRADX	-39,9352	34-1	0,5
34	0	TERMP	4,277E-13	34-1	0
34	0,25	TERMP	6,361E-13	34-1	0,25
34	0,5	TERMP	8,444E-13	34-1	0,5
34	0	TERMN	-1,099E-12	34-1	0
34	0,25	TERMN	-1,634E-12	34-1	0,25
34	0,5	TERMN	-2,168E-12	34-1	0,5
34	0	GRADTF	3,745E-15	34-1	0
34	0,25	GRADTF	4,495E-15	34-1	0,25
34	0,5	GRADTF	5,245E-15	34-1	0,5
34	0	GRADTN	-3,745E-15	34-1	0
34	0,25	GRADTN	-4,495E-15	34-1	0,25
34	0,5	GRADTN	-5,245E-15	34-1	0,5
34	0	LM71C	9,034E-12	34-1	0
34	0,25	LM71C	1,181E-11	34-1	0,25
34	0,5	LM71C	1,46E-11	34-1	0,5
34	0	STLM71	2,772	34-1	0
34	0,25	STLM71	4,0642	34-1	0,25
34	0,5	STLM71	5,3564	34-1	0,5
34	0	AVVLM71	4,0465	34-1	0
34	0,25	AVVLM71	6,0344	34-1	0,25
34	0,5	AVVLM71	8,0224	34-1	0,5

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34	0	SW2	9,027E-12	34-1	0
34	0,25	SW2	1,181E-11	34-1	0,25
34	0,5	SW2	1,46E-11	34-1	0,5
34	0	STSW2	2,772	34-1	0
34	0,25	STSW2	4,0642	34-1	0,25
34	0,5	STSW2	5,3564	34-1	0,5
34	0	FRENSW2	4,2908	34-1	0
34	0,25	FRENSW2	6,3988	34-1	0,25
34	0,5	FRENSW2	8,5068	34-1	0,5
34	0	SERP	0	34-1	0
34	0,25	SERP	0	34-1	0,25
34	0,5	SERP	0	34-1	0,5
34	0	INCRTER	16,8564	34-1	0
34	0,25	INCRTER	24,7142	34-1	0,25
34	0,5	INCRTER	32,572	34-1	0,5
34	0	LM71SISO	0,8161	34-1	0
34	0,25	LM71SISO	1,2171	34-1	0,25
34	0,5	LM71SISO	1,618	34-1	0,5
34	0	SW2SISO	1,2218	34-1	0
34	0,25	SW2SISO	1,822	34-1	0,25
34	0,5	SW2SISO	2,4222	34-1	0,5
34	0	SISMAO	2,4344	34-1	0
34	0,25	SISMAO	3,6033	34-1	0,25
34	0,5	SISMAO	4,7721	34-1	0,5
34	0	LM71SVA	-1,882E-13	34-1	0
34	0,25	LM71SVA	-2,447E-13	34-1	0,25
34	0,5	LM71SVA	-3,011E-13	34-1	0,5
34	0	SW2SVA	-2,791E-13	34-1	0
34	0,25	SW2SVA	-3,671E-13	34-1	0,25
34	0,5	SW2SVA	-4,552E-13	34-1	0,5
34	0	SISMAVA	-9,067E-12	34-1	0
34	0,25	SISMAVA	-1,207E-11	34-1	0,25
34	0,5	SISMAVA	-1,507E-11	34-1	0,5
34	0	LM71SVB	1,882E-13	34-1	0
34	0,25	LM71SVB	2,447E-13	34-1	0,25
34	0,5	LM71SVB	3,011E-13	34-1	0,5
34	0	SW2SVB	2,791E-13	34-1	0
34	0,25	SW2SVB	3,671E-13	34-1	0,25
34	0,5	SW2SVB	4,552E-13	34-1	0,5
34	0	SISMAVB	9,067E-12	34-1	0
34	0,25	SISMAVB	1,207E-11	34-1	0,25
34	0,5	SISMAVB	1,507E-11	34-1	0,5
34	0	LM71SX	-0,289	34-1	0
34	0,25	LM71SX	-0,1046	34-1	0,25
34	0,5	LM71SX	0,0799	34-1	0,5
34	0	LM71DX	0,289	34-1	0
34	0,25	LM71DX	0,1046	34-1	0,25
34	0,5	LM71DX	-0,0799	34-1	0,5
35	0	PP	-3,8556	35-1	0
35	0,25	PP	-3,189	35-1	0,25
35	0,5	PP	-2,5223	35-1	0,5
35	0	REINTSUP	-10,2388	35-1	0
35	0,25	REINTSUP	-10,9276	35-1	0,25
35	0,5	REINTSUP	-11,6165	35-1	0,5
35	0	BALLAST	-0,6629	35-1	0
35	0,25	BALLAST	-0,7075	35-1	0,25
35	0,5	BALLAST	-0,7521	35-1	0,5
35	0	STERRASX	44,0471	35-1	0
35	0,25	STERRASX	32,979	35-1	0,25
35	0,5	STERRASX	21,9109	35-1	0,5
35	0	STERRADX	-58,1121	35-1	0
35	0,25	STERRADX	-22,7123	35-1	0,25
35	0,5	STERRADX	5,4437	35-1	0,5
35	0	TERMP	3,2094	35-1	0
35	0,25	TERMP	2,4596	35-1	0,25
35	0,5	TERMP	1,7098	35-1	0,5
35	0	TERMN	-9,6282	35-1	0
35	0,25	TERMN	-7,3788	35-1	0,25

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
35	0,5	TERMN	-5,1293	35-1	0,5
35	0	GRADTP	-3,9107	35-1	0
35	0,25	GRADTP	-2,1712	35-1	0,25
35	0,5	GRADTP	-0,4316	35-1	0,5
35	0	GRADTN	3,9107	35-1	0
35	0,25	GRADTN	2,1712	35-1	0,25
35	0,5	GRADTN	0,4316	35-1	0,5
35	0	LM71C	-1,8415	35-1	0
35	0,25	LM71C	-1,9654	35-1	0,25
35	0,5	LM71C	-2,0893	35-1	0,5
35	0	STLM71	5,9028	35-1	0
35	0,25	STLM71	4,42	35-1	0,25
35	0,5	STLM71	2,9372	35-1	0,5
35	0	AVVLM71	8,8838	35-1	0
35	0,25	AVVLM71	6,6693	35-1	0,25
35	0,5	AVVLM71	4,4548	35-1	0,5
35	0	SW2	-1,8415	35-1	0
35	0,25	SW2	-1,9654	35-1	0,25
35	0,5	SW2	-2,0893	35-1	0,5
35	0	STSW2	5,9028	35-1	0
35	0,25	STSW2	4,42	35-1	0,25
35	0,5	STSW2	2,9372	35-1	0,5
35	0	FRENSW2	9,4203	35-1	0
35	0,25	FRENSW2	7,072	35-1	0,25
35	0,5	FRENSW2	4,7238	35-1	0,5
35	0	SERP	0	35-1	0
35	0,25	SERP	0	35-1	0,25
35	0,5	SERP	0	35-1	0,5
35	0	INCRTER	35,8948	35-1	0
35	0,25	INCRTER	26,8779	35-1	0,25
35	0,5	INCRTER	17,861	35-1	0,5
35	0	LM71SISO	1,7918	35-1	0
35	0,25	LM71SISO	1,3451	35-1	0,25
35	0,5	LM71SISO	0,8985	35-1	0,5
35	0	SW2SISO	2,6823	35-1	0
35	0,25	SW2SISO	2,0137	35-1	0,25
35	0,5	SW2SISO	1,345	35-1	0,5
35	0	SISMAO	5,6424	35-1	0
35	0,25	SISMAO	3,7165	35-1	0,25
35	0,5	SISMAO	1,9638	35-1	0,5
35	0	LM71SVA	0,0382	35-1	0
35	0,25	LM71SVA	0,0408	35-1	0,25
35	0,5	LM71SVA	0,0434	35-1	0,5
35	0	SW2SVA	0,0571	35-1	0
35	0,25	SW2SVA	0,0609	35-1	0,25
35	0,5	SW2SVA	0,0648	35-1	0,5
35	0	SISMAVA	2,3771	35-1	0
35	0,25	SISMAVA	2,3605	35-1	0,25
35	0,5	SISMAVA	2,3438	35-1	0,5
35	0	LM71SVB	-0,0382	35-1	0
35	0,25	LM71SVB	-0,0408	35-1	0,25
35	0,5	LM71SVB	-0,0434	35-1	0,5
35	0	SW2SVB	-0,0571	35-1	0
35	0,25	SW2SVB	-0,0609	35-1	0,25
35	0,5	SW2SVB	-0,0648	35-1	0,5
35	0	SISMAVB	-2,3771	35-1	0
35	0,25	SISMAVB	-2,3605	35-1	0,25
35	0,5	SISMAVB	-2,3438	35-1	0,5
35	0	LM71SX	-0,1384	35-1	0
35	0,25	LM71SX	-0,1081	35-1	0,25
35	0,5	LM71SX	-0,0778	35-1	0,5
35	0	LM71DX	-1,7031	35-1	0
35	0,25	LM71DX	-1,8573	35-1	0,25
35	0,5	LM71DX	-2,0115	35-1	0,5
36	0	PP	2,5223	36-1	0
36	0,25	PP	1,8557	36-1	0,25
36	0,5	PP	1,189	36-1	0,5
36	0	REINTSUP	11,6165	36-1	0

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36	0,25	REINTSUP	12,3053	36-1	0,25
36	0,5	REINTSUP	12,9941	36-1	0,5
36	0	BALLAST	0,7521	36-1	0
36	0,25	BALLAST	0,7967	36-1	0,25
36	0,5	BALLAST	0,8413	36-1	0,5
36	0	STERRASX	-5,4437	36-1	0
36	0,25	STERRASX	-26,4891	36-1	0,25
36	0,5	STERRASX	-40,5571	36-1	0,5
36	0	STERRADX	-21,9109	36-1	0
36	0,25	STERRADX	-10,8428	36-1	0,25
36	0,5	STERRADX	0,2254	36-1	0,5
36	0	TERMP	-1,7098	36-1	0
36	0,25	TERMP	-0,96	36-1	0,25
36	0,5	TERMP	-0,2102	36-1	0,5
36	0	TERMN	5,1293	36-1	0
36	0,25	TERMN	2,8799	36-1	0,25
36	0,5	TERMN	0,6305	36-1	0,5
36	0	GRADTP	0,4316	36-1	0
36	0,25	GRADTP	-1,3079	36-1	0,25
36	0,5	GRADTP	-3,0475	36-1	0,5
36	0	GRADTN	-0,4316	36-1	0
36	0,25	GRADTN	1,3079	36-1	0,25
36	0,5	GRADTN	3,0475	36-1	0,5
36	0	LM71C	2,0893	36-1	0
36	0,25	LM71C	2,2132	36-1	0,25
36	0,5	LM71C	2,3371	36-1	0,5
36	0	STLM71	-0,5083	36-1	0
36	0,25	STLM71	-3,3285	36-1	0,25
36	0,5	STLM71	-5,2605	36-1	0,5
36	0	AVVLM71	4,4548	36-1	0
36	0,25	AVVLM71	2,2402	36-1	0,25
36	0,5	AVVLM71	0,0257	36-1	0,5
36	0	SW2	2,0893	36-1	0
36	0,25	SW2	2,2132	36-1	0,25
36	0,5	SW2	2,3371	36-1	0,5
36	0	STSW2	-0,5083	36-1	0
36	0,25	STSW2	-3,3285	36-1	0,25
36	0,5	STSW2	-5,2605	36-1	0,5
36	0	FRENSW2	4,7238	36-1	0
36	0,25	FRENSW2	2,3755	36-1	0,25
36	0,5	FRENSW2	0,0273	36-1	0,5
36	0	SERP	0	36-1	0
36	0,25	SERP	0	36-1	0,25
36	0,5	SERP	0	36-1	0,5
36	0	INCRTER	-3,091	36-1	0
36	0,25	INCRTER	-20,2402	36-1	0,25
36	0,5	INCRTER	-31,9888	36-1	0,5
36	0	LM71SISO	0,8985	36-1	0
36	0,25	LM71SISO	0,4518	36-1	0,25
36	0,5	LM71SISO	0,0052	36-1	0,5
36	0	SW2SISO	1,345	36-1	0
36	0,25	SW2SISO	0,6764	36-1	0,25
36	0,5	SW2SISO	0,0078	36-1	0,5
36	0	SISMAO	1,9638	36-1	0
36	0,25	SISMAO	0,3841	36-1	0,25
36	0,5	SISMAO	-1,0224	36-1	0,5
36	0	LM71SVA	-0,0434	36-1	0
36	0,25	LM71SVA	-0,0459	36-1	0,25
36	0,5	LM71SVA	-0,0485	36-1	0,5
36	0	SW2SVA	-0,0648	36-1	0
36	0,25	SW2SVA	-0,0686	36-1	0,25
36	0,5	SW2SVA	-0,0724	36-1	0,5
36	0	SISMAVA	-2,3438	36-1	0
36	0,25	SISMAVA	-2,3272	36-1	0,25
36	0,5	SISMAVA	-2,3105	36-1	0,5
36	0	LM71SVB	0,0434	36-1	0
36	0,25	LM71SVB	0,0459	36-1	0,25
36	0,5	LM71SVB	0,0485	36-1	0,5

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
36	0	SW2SVB	0,0648	36-1	0
36	0,25	SW2SVB	0,0686	36-1	0,25
36	0,5	SW2SVB	0,0724	36-1	0,5
36	0	SISMAVB	2,3438	36-1	0
36	0,25	SISMAVB	2,3272	36-1	0,25
36	0,5	SISMAVB	2,3105	36-1	0,5
36	0	LM71SX	2,0115	36-1	0
36	0,25	LM71SX	2,1657	36-1	0,25
36	0,5	LM71SX	2,3198	36-1	0,5
36	0	LM71DX	0,0778	36-1	0
36	0,25	LM71DX	0,0475	36-1	0,25
36	0,5	LM71DX	0,0172	36-1	0,5
37	0	PP	4,204E-12	37-1	0
37	0,25	PP	7,161E-12	37-1	0,25
37	0,5	PP	1,012E-11	37-1	0,5
37	0	REINTSUP	2,112E-11	37-1	0
37	0,25	REINTSUP	3,599E-11	37-1	0,25
37	0,5	REINTSUP	5,085E-11	37-1	0,5
37	0	BALLAST	1,37E-12	37-1	0
37	0,25	BALLAST	2,334E-12	37-1	0,25
37	0,5	BALLAST	3,298E-12	37-1	0,5
37	0	STERRASX	1,436	37-1	0
37	0,25	STERRASX	11,0608	37-1	0,25
37	0,5	STERRASX	20,6856	37-1	0,5
37	0	STERRADX	-1,436	37-1	0
37	0,25	STERRADX	-11,0608	37-1	0,25
37	0,5	STERRADX	-20,6856	37-1	0,5
37	0	TERMP	1,089E-14	37-1	0
37	0,25	TERMP	2,193E-13	37-1	0,25
37	0,5	TERMP	4,276E-13	37-1	0,5
37	0	TERMN	-2,959E-14	37-1	0
37	0,25	TERMN	-5,643E-13	37-1	0,25
37	0,5	TERMN	-1,099E-12	37-1	0,5
37	0	GRADTF	2,241E-15	37-1	0
37	0,25	GRADTF	2,98E-15	37-1	0,25
37	0,5	GRADTF	3,719E-15	37-1	0,5
37	0	GRADTN	-2,241E-15	37-1	0
37	0,25	GRADTN	-2,98E-15	37-1	0,25
37	0,5	GRADTN	-3,719E-15	37-1	0,5
37	0	LM71C	3,797E-12	37-1	0
37	0,25	LM71C	6,469E-12	37-1	0,25
37	0,5	LM71C	9,141E-12	37-1	0,5
37	0	STLM71	0,1876	37-1	0
37	0,25	STLM71	1,4798	37-1	0,25
37	0,5	STLM71	2,772	37-1	0,5
37	0	AVVLM71	0,0706	37-1	0
37	0,25	AVVLM71	2,0585	37-1	0,25
37	0,5	AVVLM71	4,0465	37-1	0,5
37	0	SW2	3,8E-12	37-1	0
37	0,25	SW2	6,473E-12	37-1	0,25
37	0,5	SW2	9,146E-12	37-1	0,5
37	0	STSW2	0,1876	37-1	0
37	0,25	STSW2	1,4798	37-1	0,25
37	0,5	STSW2	2,772	37-1	0,5
37	0	FRENSW2	0,0748	37-1	0
37	0,25	FRENSW2	2,1828	37-1	0,25
37	0,5	FRENSW2	4,2908	37-1	0,5
37	0	SERP	0	37-1	0
37	0,25	SERP	0	37-1	0,25
37	0,5	SERP	0	37-1	0,5
37	0	INCRTER	1,1408	37-1	0
37	0,25	INCRTER	8,9986	37-1	0,25
37	0,5	INCRTER	16,8564	37-1	0,5
37	0	LM71SISO	0,0142	37-1	0
37	0,25	LM71SISO	0,4152	37-1	0,25
37	0,5	LM71SISO	0,8161	37-1	0,5
37	0	SW2SISO	0,0213	37-1	0
37	0,25	SW2SISO	0,6215	37-1	0,25

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
37	0,5	SW2SISO	1,2218	37-1	0,5
37	0	SISMAO	0,0967	37-1	0
37	0,25	SISMAO	1,2656	37-1	0,25
37	0,5	SISMAO	2,4344	37-1	0,5
37	0	LM71SVA	-7,887E-14	37-1	0
37	0,25	LM71SVA	-1,343E-13	37-1	0,25
37	0,5	LM71SVA	-1,898E-13	37-1	0,5
37	0	SW2SVA	-1,179E-13	37-1	0
37	0,25	SW2SVA	-2,008E-13	37-1	0,25
37	0,5	SW2SVA	-2,838E-13	37-1	0,5
37	0	SISMAVA	-3,867E-12	37-1	0
37	0,25	SISMAVA	-6,588E-12	37-1	0,25
37	0,5	SISMAVA	-9,31E-12	37-1	0,5
37	0	LM71SVB	7,887E-14	37-1	0
37	0,25	LM71SVB	1,343E-13	37-1	0,25
37	0,5	LM71SVB	1,898E-13	37-1	0,5
37	0	SW2SVB	1,179E-13	37-1	0
37	0,25	SW2SVB	2,008E-13	37-1	0,25
37	0,5	SW2SVB	2,838E-13	37-1	0,5
37	0	SISMAVB	3,867E-12	37-1	0
37	0,25	SISMAVB	6,588E-12	37-1	0,25
37	0,5	SISMAVB	9,31E-12	37-1	0,5
37	0	LM71SX	-0,658	37-1	0
37	0,25	LM71SX	-0,4735	37-1	0,25
37	0,5	LM71SX	-0,289	37-1	0,5
37	0	LM71DX	0,658	37-1	0
37	0,25	LM71DX	0,4735	37-1	0,25
37	0,5	LM71DX	0,289	37-1	0,5
38	0	PP	-2,5223	38-1	0
38	0,25	PP	-1,8557	38-1	0,25
38	0,5	PP	-1,189	38-1	0,5
38	0	REINTSUP	-11,6165	38-1	0
38	0,25	REINTSUP	-12,3053	38-1	0,25
38	0,5	REINTSUP	-12,9941	38-1	0,5
38	0	BALLAST	-0,7521	38-1	0
38	0,25	BALLAST	-0,7967	38-1	0,25
38	0,5	BALLAST	-0,8413	38-1	0,5
38	0	STERRASX	21,9109	38-1	0
38	0,25	STERRASX	10,8428	38-1	0,25
38	0,5	STERRASX	-0,2254	38-1	0,5
38	0	STERRADX	5,4437	38-1	0
38	0,25	STERRADX	26,4891	38-1	0,25
38	0,5	STERRADX	40,5571	38-1	0,5
38	0	TERMP	1,7098	38-1	0
38	0,25	TERMP	0,96	38-1	0,25
38	0,5	TERMP	0,2102	38-1	0,5
38	0	TERMN	-5,1293	38-1	0
38	0,25	TERMN	-2,8799	38-1	0,25
38	0,5	TERMN	-0,6305	38-1	0,5
38	0	GRADTP	-0,4316	38-1	0
38	0,25	GRADTP	1,3079	38-1	0,25
38	0,5	GRADTP	3,0475	38-1	0,5
38	0	GRADTN	0,4316	38-1	0
38	0,25	GRADTN	-1,3079	38-1	0,25
38	0,5	GRADTN	-3,0475	38-1	0,5
38	0	LM71C	-2,0893	38-1	0
38	0,25	LM71C	-2,2132	38-1	0,25
38	0,5	LM71C	-2,3371	38-1	0,5
38	0	STLM71	2,9372	38-1	0
38	0,25	STLM71	1,4544	38-1	0,25
38	0,5	STLM71	-0,0284	38-1	0,5
38	0	AVVLM71	4,4548	38-1	0
38	0,25	AVVLM71	2,2402	38-1	0,25
38	0,5	AVVLM71	0,0257	38-1	0,5
38	0	SW2	-2,0893	38-1	0
38	0,25	SW2	-2,2132	38-1	0,25
38	0,5	SW2	-2,3371	38-1	0,5
38	0	STSW2	2,9372	38-1	0

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38	0,25	STSW2	1,4544	38-1	0,25
38	0,5	STSW2	-0,0284	38-1	0,5
38	0	FRENSW2	4,7238	38-1	0
38	0,25	FRENSW2	2,3755	38-1	0,25
38	0,5	FRENSW2	0,0273	38-1	0,5
38	0	SERP	0	38-1	0
38	0,25	SERP	0	38-1	0,25
38	0,5	SERP	0	38-1	0,5
38	0	INCRTER	17,861	38-1	0
38	0,25	INCRTER	8,8441	38-1	0,25
38	0,5	INCRTER	-0,1727	38-1	0,5
38	0	LM71SISO	0,8985	38-1	0
38	0,25	LM71SISO	0,4518	38-1	0,25
38	0,5	LM71SISO	0,0052	38-1	0,5
38	0	SW2SISO	1,345	38-1	0
38	0,25	SW2SISO	0,6764	38-1	0,25
38	0,5	SW2SISO	0,0078	38-1	0,5
38	0	SISMAO	1,9638	38-1	0
38	0,25	SISMAO	0,3841	38-1	0,25
38	0,5	SISMAO	-1,0224	38-1	0,5
38	0	LM71SVA	0,0434	38-1	0
38	0,25	LM71SVA	0,0459	38-1	0,25
38	0,5	LM71SVA	0,0485	38-1	0,5
38	0	SW2SVA	0,0648	38-1	0
38	0,25	SW2SVA	0,0686	38-1	0,25
38	0,5	SW2SVA	0,0724	38-1	0,5
38	0	SISMAVA	2,3438	38-1	0
38	0,25	SISMAVA	2,3272	38-1	0,25
38	0,5	SISMAVA	2,3105	38-1	0,5
38	0	LM71SVB	-0,0434	38-1	0
38	0,25	LM71SVB	-0,0459	38-1	0,25
38	0,5	LM71SVB	-0,0485	38-1	0,5
38	0	SW2SVB	-0,0648	38-1	0
38	0,25	SW2SVB	-0,0686	38-1	0,25
38	0,5	SW2SVB	-0,0724	38-1	0,5
38	0	SISMAVB	-2,3438	38-1	0
38	0,25	SISMAVB	-2,3272	38-1	0,25
38	0,5	SISMAVB	-2,3105	38-1	0,5
38	0	LM71SX	-0,0778	38-1	0
38	0,25	LM71SX	-0,0475	38-1	0,25
38	0,5	LM71SX	-0,0172	38-1	0,5
38	0	LM71DX	-2,0115	38-1	0
38	0,25	LM71DX	-2,1657	38-1	0,25
38	0,5	LM71DX	-2,3198	38-1	0,5
39	0	PP	1,189	39-1	0
39	0,25	PP	0,5224	39-1	0,25
39	0,5	PP	-0,1443	39-1	0,5
39	0	REINTSUP	12,9941	39-1	0
39	0,25	REINTSUP	13,683	39-1	0,25
39	0,5	REINTSUP	14,3718	39-1	0,5
39	0	BALLAST	0,8413	39-1	0
39	0,25	BALLAST	0,8859	39-1	0,25
39	0,5	BALLAST	0,9305	39-1	0,5
39	0	STERRASX	-40,5571	39-1	0
39	0,25	STERRASX	-47,7809	39-1	0,25
39	0,5	STERRASX	-48,2939	39-1	0,5
39	0	STERRADX	0,2254	39-1	0
39	0,25	STERRADX	11,2935	39-1	0,25
39	0,5	STERRADX	22,3616	39-1	0,5
39	0	TERMP	-0,2102	39-1	0
39	0,25	TERMP	0,5397	39-1	0,25
39	0,5	TERMP	1,2895	39-1	0,5
39	0	TERMN	0,6305	39-1	0
39	0,25	TERMN	-1,619	39-1	0,25
39	0,5	TERMN	-3,8684	39-1	0,5
39	0	GRADTP	-3,0475	39-1	0
39	0,25	GRADTP	-4,787	39-1	0,25
39	0,5	GRADTP	-6,5265	39-1	0,5

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
39	0	GRADTN	3,0475	39-1	0
39	0,25	GRADTN	4,787	39-1	0,25
39	0,5	GRADTN	6,5265	39-1	0,5
39	0	LM71C	2,3371	39-1	0
39	0,25	LM71C	2,461	39-1	0,25
39	0,5	LM71C	2,5849	39-1	0,5
39	0	STLM71	-5,2605	39-1	0
39	0,25	STLM71	-6,3044	39-1	0,25
39	0,5	STLM71	-6,4602	39-1	0,5
39	0	AVVLM71	0,0257	39-1	0
39	0,25	AVVLM71	-2,1888	39-1	0,25
39	0,5	AVVLM71	-4,4033	39-1	0,5
39	0	SW2	2,3371	39-1	0
39	0,25	SW2	2,461	39-1	0,25
39	0,5	SW2	2,5849	39-1	0,5
39	0	STSW2	-5,2605	39-1	0
39	0,25	STSW2	-6,3044	39-1	0,25
39	0,5	STSW2	-6,4602	39-1	0,5
39	0	FRENSW2	0,0273	39-1	0
39	0,25	FRENSW2	-2,321	39-1	0,25
39	0,5	FRENSW2	-4,6692	39-1	0,5
39	0	SERP	0	39-1	0
39	0,25	SERP	0	39-1	0,25
39	0,5	SERP	0	39-1	0,5
39	0	INCRTER	-31,9888	39-1	0
39	0,25	INCRTER	-38,3368	39-1	0,25
39	0,5	INCRTER	-39,2842	39-1	0,5
39	0	LM71SISO	0,0052	39-1	0
39	0,25	LM71SISO	-0,4415	39-1	0,25
39	0,5	LM71SISO	-0,8881	39-1	0,5
39	0	SW2SISO	0,0078	39-1	0
39	0,25	SW2SISO	-0,6609	39-1	0,25
39	0,5	SW2SISO	-1,3295	39-1	0,5
39	0	SISMAO	-1,0224	39-1	0
39	0,25	SISMAO	-2,2558	39-1	0,25
39	0,5	SISMAO	-3,316	39-1	0,5
39	0	LM71SVA	-0,0485	39-1	0
39	0,25	LM71SVA	-0,0511	39-1	0,25
39	0,5	LM71SVA	-0,0536	39-1	0,5
39	0	SW2SVA	-0,0724	39-1	0
39	0,25	SW2SVA	-0,0763	39-1	0,25
39	0,5	SW2SVA	-0,0801	39-1	0,5
39	0	SISMAVA	-2,3105	39-1	0
39	0,25	SISMAVA	-2,2939	39-1	0,25
39	0,5	SISMAVA	-2,2773	39-1	0,5
39	0	LM71SVB	0,0485	39-1	0
39	0,25	LM71SVB	0,0511	39-1	0,25
39	0,5	LM71SVB	0,0536	39-1	0,5
39	0	SW2SVB	0,0724	39-1	0
39	0,25	SW2SVB	0,0763	39-1	0,25
39	0,5	SW2SVB	0,0801	39-1	0,5
39	0	SISMAVB	2,3105	39-1	0
39	0,25	SISMAVB	2,2939	39-1	0,25
39	0,5	SISMAVB	2,2773	39-1	0,5
39	0	LM71SX	2,3198	39-1	0
39	0,25	LM71SX	2,474	39-1	0,25
39	0,5	LM71SX	2,6282	39-1	0,5
39	0	LM71DX	0,0172	39-1	0
39	0,25	LM71DX	-0,013	39-1	0,25
39	0,5	LM71DX	-0,0433	39-1	0,5
40	0	PP	-1,71E-12	40-1	0
40	0,25	PP	1,247E-12	40-1	0,25
40	0,5	PP	4,204E-12	40-1	0,5
40	0	REINTSUP	-8,611E-12	40-1	0
40	0,25	REINTSUP	6,255E-12	40-1	0,25
40	0,5	REINTSUP	2,112E-11	40-1	0,5
40	0	BALLAST	-5,584E-13	40-1	0
40	0,25	BALLAST	4,058E-13	40-1	0,25

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40	0,5	BALLAST	1,37E-12	40-1	0,5
40	0	STERRASX	-17,8136	40-1	0
40	0,25	STERRASX	-8,1888	40-1	0,25
40	0,5	STERRASX	1,436	40-1	0,5
40	0	STERRADX	17,8136	40-1	0
40	0,25	STERRADX	8,1888	40-1	0,25
40	0,5	STERRADX	-1,436	40-1	0,5
40	0	TERMP	-4,059E-13	40-1	0
40	0,25	TERMP	-1,975E-13	40-1	0,25
40	0,5	TERMP	1,089E-14	40-1	0,5
40	0	TERMN	1,04E-12	40-1	0
40	0,25	TERMN	5,051E-13	40-1	0,25
40	0,5	TERMN	-2,959E-14	40-1	0,5
40	0	GRADTP	7,639E-16	40-1	0
40	0,25	GRADTP	1,503E-15	40-1	0,25
40	0,5	GRADTP	2,241E-15	40-1	0,5
40	0	GRADTN	-7,639E-16	40-1	0
40	0,25	GRADTN	-1,503E-15	40-1	0,25
40	0,5	GRADTN	-2,241E-15	40-1	0,5
40	0	LM71C	-1,546E-12	40-1	0
40	0,25	LM71C	1,126E-12	40-1	0,25
40	0,5	LM71C	3,797E-12	40-1	0,5
40	0	STLM71	-2,3968	40-1	0
40	0,25	STLM71	-1,1046	40-1	0,25
40	0,5	STLM71	0,1876	40-1	0,5
40	0	AVVLM71	-3,9054	40-1	0
40	0,25	AVVLM71	-1,9174	40-1	0,25
40	0,5	AVVLM71	0,0706	40-1	0,5
40	0	SW2	-1,546E-12	40-1	0
40	0,25	SW2	1,127E-12	40-1	0,25
40	0,5	SW2	3,8E-12	40-1	0,5
40	0	STSW2	-2,3968	40-1	0
40	0,25	STSW2	-1,1046	40-1	0,25
40	0,5	STSW2	0,1876	40-1	0,5
40	0	FRENSW2	-4,1412	40-1	0
40	0,25	FRENSW2	-2,0332	40-1	0,25
40	0,5	FRENSW2	0,0748	40-1	0,5
40	0	SERP	0	40-1	0
40	0,25	SERP	0	40-1	0,25
40	0,5	SERP	0	40-1	0,5
40	0	INCRTER	-14,5748	40-1	0
40	0,25	INCRTER	-6,717	40-1	0,25
40	0,5	INCRTER	1,1408	40-1	0,5
40	0	LM71SISO	-0,7877	40-1	0
40	0,25	LM71SISO	-0,3867	40-1	0,25
40	0,5	LM71SISO	0,0142	40-1	0,5
40	0	SW2SISO	-1,1792	40-1	0
40	0,25	SW2SISO	-0,5789	40-1	0,25
40	0,5	SW2SISO	0,0213	40-1	0,5
40	0	SISMAO	-2,2409	40-1	0
40	0,25	SISMAO	-1,0721	40-1	0,25
40	0,5	SISMAO	0,0967	40-1	0,5
40	0	LM71SVA	3,203E-14	40-1	0
40	0,25	LM71SVA	-2,342E-14	40-1	0,25
40	0,5	LM71SVA	-7,887E-14	40-1	0,5
40	0	SW2SVA	4,81E-14	40-1	0
40	0,25	SW2SVA	-3,488E-14	40-1	0,25
40	0,5	SW2SVA	-1,179E-13	40-1	0,5
40	0	SISMAVA	1,575E-12	40-1	0
40	0,25	SISMAVA	-1,146E-12	40-1	0,25
40	0,5	SISMAVA	-3,867E-12	40-1	0,5
40	0	LM71SVB	-3,203E-14	40-1	0
40	0,25	LM71SVB	2,342E-14	40-1	0,25
40	0,5	LM71SVB	7,887E-14	40-1	0,5
40	0	SW2SVB	-4,81E-14	40-1	0
40	0,25	SW2SVB	3,488E-14	40-1	0,25
40	0,5	SW2SVB	1,179E-13	40-1	0,5
40	0	SISMAVB	-1,575E-12	40-1	0

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40	0,25	SISMAVB	1,146E-12	40-1	0,25
40	0,5	SISMAVB	3,867E-12	40-1	0,5
40	0	LM71SX	-1,0269	40-1	0
40	0,25	LM71SX	-0,8424	40-1	0,25
40	0,5	LM71SX	-0,658	40-1	0,5
40	0	LM71DX	1,0269	40-1	0
40	0,25	LM71DX	0,8424	40-1	0,25
40	0,5	LM71DX	0,658	40-1	0,5
41	0	PP	-1,189	41-1	0
41	0,25	PP	-0,5224	41-1	0,25
41	0,5	PP	0,1443	41-1	0,5
41	0	REINTSUP	-12,9941	41-1	0
41	0,25	REINTSUP	-13,683	41-1	0,25
41	0,5	REINTSUP	-14,3718	41-1	0,5
41	0	BALLAST	-0,8413	41-1	0
41	0,25	BALLAST	-0,8859	41-1	0,25
41	0,5	BALLAST	-0,9305	41-1	0,5
41	0	STERRASX	-0,2254	41-1	0
41	0,25	STERRASX	-11,2935	41-1	0,25
41	0,5	STERRASX	-22,3616	41-1	0,5
41	0	STERRADX	40,5571	41-1	0
41	0,25	STERRADX	47,7809	41-1	0,25
41	0,5	STERRADX	48,2939	41-1	0,5
41	0	TERMP	0,2102	41-1	0
41	0,25	TERMP	-0,5397	41-1	0,25
41	0,5	TERMP	-1,2895	41-1	0,5
41	0	TERMN	-0,6305	41-1	0
41	0,25	TERMN	1,619	41-1	0,25
41	0,5	TERMN	3,8684	41-1	0,5
41	0	GRADTF	3,0475	41-1	0
41	0,25	GRADTF	4,787	41-1	0,25
41	0,5	GRADTF	6,5265	41-1	0,5
41	0	GRADTN	-3,0475	41-1	0
41	0,25	GRADTN	-4,787	41-1	0,25
41	0,5	GRADTN	-6,5265	41-1	0,5
41	0	LM71C	-2,3371	41-1	0
41	0,25	LM71C	-2,461	41-1	0,25
41	0,5	LM71C	-2,5849	41-1	0,5
41	0	STLM71	-0,0284	41-1	0
41	0,25	STLM71	-1,5112	41-1	0,25
41	0,5	STLM71	-2,994	41-1	0,5
41	0	AVVLM71	0,0257	41-1	0
41	0,25	AVVLM71	-2,1888	41-1	0,25
41	0,5	AVVLM71	-4,4033	41-1	0,5
41	0	SW2	-2,3371	41-1	0
41	0,25	SW2	-2,461	41-1	0,25
41	0,5	SW2	-2,5849	41-1	0,5
41	0	STSW2	-0,0284	41-1	0
41	0,25	STSW2	-1,5112	41-1	0,25
41	0,5	STSW2	-2,994	41-1	0,5
41	0	FRENSW2	0,0273	41-1	0
41	0,25	FRENSW2	-2,321	41-1	0,25
41	0,5	FRENSW2	-4,6692	41-1	0,5
41	0	SERP	0	41-1	0
41	0,25	SERP	0	41-1	0,25
41	0,5	SERP	0	41-1	0,5
41	0	INCRTER	-0,1727	41-1	0
41	0,25	INCRTER	-9,1896	41-1	0,25
41	0,5	INCRTER	-18,2065	41-1	0,5
41	0	LM71SISO	0,0052	41-1	0
41	0,25	LM71SISO	-0,4415	41-1	0,25
41	0,5	LM71SISO	-0,8881	41-1	0,5
41	0	SW2SISO	0,0078	41-1	0
41	0,25	SW2SISO	-0,6609	41-1	0,25
41	0,5	SW2SISO	-1,3295	41-1	0,5
41	0	SISMAO	-1,0224	41-1	0
41	0,25	SISMAO	-2,2558	41-1	0,25
41	0,5	SISMAO	-3,316	41-1	0,5

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
41	0	LM71SVA	0,0485	41-1	0
41	0,25	LM71SVA	0,0511	41-1	0,25
41	0,5	LM71SVA	0,0536	41-1	0,5
41	0	SW2SVA	0,0724	41-1	0
41	0,25	SW2SVA	0,0763	41-1	0,25
41	0,5	SW2SVA	0,0801	41-1	0,5
41	0	SISMAVA	2,3105	41-1	0
41	0,25	SISMAVA	2,2939	41-1	0,25
41	0,5	SISMAVA	2,2773	41-1	0,5
41	0	LM71SVB	-0,0485	41-1	0
41	0,25	LM71SVB	-0,0511	41-1	0,25
41	0,5	LM71SVB	-0,0536	41-1	0,5
41	0	SW2SVB	-0,0724	41-1	0
41	0,25	SW2SVB	-0,0763	41-1	0,25
41	0,5	SW2SVB	-0,0801	41-1	0,5
41	0	SISMAVB	-2,3105	41-1	0
41	0,25	SISMAVB	-2,2939	41-1	0,25
41	0,5	SISMAVB	-2,2773	41-1	0,5
41	0	LM71SX	-0,0172	41-1	0
41	0,25	LM71SX	0,013	41-1	0,25
41	0,5	LM71SX	0,0433	41-1	0,5
41	0	LM71DX	-2,3198	41-1	0
41	0,25	LM71DX	-2,474	41-1	0,25
41	0,5	LM71DX	-2,6282	41-1	0,5
42	0	PP	-0,1443	42-1	0
42	0,25	PP	-0,8109	42-1	0,25
42	0,5	PP	-1,4776	42-1	0,5
42	0	REINTSUP	14,3718	42-1	0
42	0,25	REINTSUP	15,0606	42-1	0,25
42	0,5	REINTSUP	15,7494	42-1	0,5
42	0	BALLAST	0,9305	42-1	0
42	0,25	BALLAST	0,9751	42-1	0,25
42	0,5	BALLAST	1,0197	42-1	0,5
42	0	STERRASX	-48,2939	42-1	0
42	0,25	STERRASX	-42,2293	42-1	0,25
42	0,5	STERRASX	-29,7203	42-1	0,5
42	0	STERRADX	22,3616	42-1	0
42	0,25	STERRADX	33,4297	42-1	0,25
42	0,5	STERRADX	44,4979	42-1	0,5
42	0	TERMP	1,2895	42-1	0
42	0,25	TERMP	2,0393	42-1	0,25
42	0,5	TERMP	2,7891	42-1	0,5
42	0	TERMN	-3,8684	42-1	0
42	0,25	TERMN	-6,1178	42-1	0,25
42	0,5	TERMN	-8,3673	42-1	0,5
42	0	GRADTP	-6,5265	42-1	0
42	0,25	GRADTP	-8,2661	42-1	0,25
42	0,5	GRADTP	-10,0056	42-1	0,5
42	0	GRADTN	6,5265	42-1	0
42	0,25	GRADTN	8,2661	42-1	0,25
42	0,5	GRADTN	10,0056	42-1	0,5
42	0	LM71C	2,5849	42-1	0
42	0,25	LM71C	2,7087	42-1	0,25
42	0,5	LM71C	2,8326	42-1	0,5
42	0	STLM71	-6,4602	42-1	0
42	0,25	STLM71	-5,7279	42-1	0,25
42	0,5	STLM71	-4,1074	42-1	0,5
42	0	AVVLM71	-4,4033	42-1	0
42	0,25	AVVLM71	-6,6179	42-1	0,25
42	0,5	AVVLM71	-8,8324	42-1	0,5
42	0	SW2	2,5849	42-1	0
42	0,25	SW2	2,7087	42-1	0,25
42	0,5	SW2	2,8326	42-1	0,5
42	0	STSW2	-6,4602	42-1	0
42	0,25	STSW2	-5,7279	42-1	0,25
42	0,5	STSW2	-4,1074	42-1	0,5
42	0	FRENSW2	-4,6692	42-1	0
42	0,25	FRENSW2	-7,0175	42-1	0,25

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
42	0,5	FRENSW2	-9,3657	42-1	0,5
42	0	SERP	0	42-1	0
42	0,25	SERP	0	42-1	0,25
42	0,5	SERP	0	42-1	0,5
42	0	INCRTER	-39,2842	42-1	0
42	0,25	INCRTER	-34,831	42-1	0,25
42	0,5	INCRTER	-24,9771	42-1	0,5
42	0	LM71SISO	-0,8881	42-1	0
42	0,25	LM71SISO	-1,3348	42-1	0,25
42	0,5	LM71SISO	-1,7814	42-1	0,5
42	0	SW2SISO	-1,3295	42-1	0
42	0,25	SW2SISO	-1,9981	42-1	0,25
42	0,5	SW2SISO	-2,6668	42-1	0,5
42	0	SISMAO	-3,316	42-1	0
42	0,25	SISMAO	-4,2032	42-1	0,25
42	0,5	SISMAO	-4,9172	42-1	0,5
42	0	LM71SVA	-0,0536	42-1	0
42	0,25	LM71SVA	-0,0562	42-1	0,25
42	0,5	LM71SVA	-0,0588	42-1	0,5
42	0	SW2SVA	-0,0801	42-1	0
42	0,25	SW2SVA	-0,084	42-1	0,25
42	0,5	SW2SVA	-0,0878	42-1	0,5
42	0	SISMAVA	-2,2773	42-1	0
42	0,25	SISMAVA	-2,2606	42-1	0,25
42	0,5	SISMAVA	-2,244	42-1	0,5
42	0	LM71SVB	0,0536	42-1	0
42	0,25	LM71SVB	0,0562	42-1	0,25
42	0,5	LM71SVB	0,0588	42-1	0,5
42	0	SW2SVB	0,0801	42-1	0
42	0,25	SW2SVB	0,084	42-1	0,25
42	0,5	SW2SVB	0,0878	42-1	0,5
42	0	SISMAVB	2,2773	42-1	0
42	0,25	SISMAVB	2,2606	42-1	0,25
42	0,5	SISMAVB	2,244	42-1	0,5
42	0	LM71SX	2,6282	42-1	0
42	0,25	LM71SX	2,7824	42-1	0,25
42	0,5	LM71SX	2,9366	42-1	0,5
42	0	LM71DX	-0,0433	42-1	0
42	0,25	LM71DX	-0,0736	42-1	0,25
42	0,5	LM71DX	-0,1039	42-1	0,5
43	0	PP	-7,624E-12	43-1	0
43	0,25	PP	-4,667E-12	43-1	0,25
43	0,5	PP	-1,71E-12	43-1	0,5
43	0	REINTSUP	-3,834E-11	43-1	0
43	0,25	REINTSUP	-2,348E-11	43-1	0,25
43	0,5	REINTSUP	-8,611E-12	43-1	0,5
43	0	BALLAST	-2,487E-12	43-1	0
43	0,25	BALLAST	-1,523E-12	43-1	0,25
43	0,5	BALLAST	-5,584E-13	43-1	0,5
43	0	STERRASX	-37,0632	43-1	0
43	0,25	STERRASX	-27,4384	43-1	0,25
43	0,5	STERRASX	-17,8136	43-1	0,5
43	0	STERRADX	37,0632	43-1	0
43	0,25	STERRADX	27,4384	43-1	0,25
43	0,5	STERRADX	17,8136	43-1	0,5
43	0	TERMP	-8,226E-13	43-1	0
43	0,25	TERMP	-6,142E-13	43-1	0,25
43	0,5	TERMP	-4,059E-13	43-1	0,5
43	0	TERMN	2,109E-12	43-1	0
43	0,25	TERMN	1,575E-12	43-1	0,25
43	0,5	TERMN	1,04E-12	43-1	0,5
43	0	GRADTP	-7,135E-16	43-1	0
43	0,25	GRADTP	2,519E-17	43-1	0,25
43	0,5	GRADTP	7,639E-16	43-1	0,5
43	0	GRADTN	7,135E-16	43-1	0
43	0,25	GRADTN	-2,519E-17	43-1	0,25
43	0,5	GRADTN	-7,639E-16	43-1	0,5
43	0	LM71C	-6,89E-12	43-1	0

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43	0,25	LM71C	-4,218E-12	43-1	0,25
43	0,5	LM71C	-1,546E-12	43-1	0,5
43	0	STLM71	-4,9812	43-1	0
43	0,25	STLM71	-3,689	43-1	0,25
43	0,5	STLM71	-2,3968	43-1	0,5
43	0	AVVLM71	-7,8813	43-1	0
43	0,25	AVVLM71	-5,8933	43-1	0,25
43	0,5	AVVLM71	-3,9054	43-1	0,5
43	0	SW2	-6,891E-12	43-1	0
43	0,25	SW2	-4,218E-12	43-1	0,25
43	0,5	SW2	-1,546E-12	43-1	0,5
43	0	STSW2	-4,9812	43-1	0
43	0,25	STSW2	-3,689	43-1	0,25
43	0,5	STSW2	-2,3968	43-1	0,5
43	0	FRENSW2	-8,3572	43-1	0
43	0,25	FRENSW2	-6,2492	43-1	0,25
43	0,5	FRENSW2	-4,1412	43-1	0,5
43	0	SERP	0	43-1	0
43	0,25	SERP	0	43-1	0,25
43	0,5	SERP	0	43-1	0,5
43	0	INCRTER	-30,2905	43-1	0
43	0,25	INCRTER	-22,4326	43-1	0,25
43	0,5	INCRTER	-14,5748	43-1	0,5
43	0	LM71SISO	-1,5896	43-1	0
43	0,25	LM71SISO	-1,1886	43-1	0,25
43	0,5	LM71SISO	-0,7877	43-1	0,5
43	0	SW2SISO	-2,3796	43-1	0
43	0,25	SW2SISO	-1,7794	43-1	0,25
43	0,5	SW2SISO	-1,1792	43-1	0,5
43	0	SISMAO	-4,5786	43-1	0
43	0,25	SISMAO	-3,4098	43-1	0,25
43	0,5	SISMAO	-2,2409	43-1	0,5
43	0	LM71SVA	1,429E-13	43-1	0
43	0,25	LM71SVA	8,749E-14	43-1	0,25
43	0,5	LM71SVA	3,203E-14	43-1	0,5
43	0	SW2SVA	2,141E-13	43-1	0
43	0,25	SW2SVA	1,311E-13	43-1	0,25
43	0,5	SW2SVA	4,81E-14	43-1	0,5
43	0	SISMAVA	7,018E-12	43-1	0
43	0,25	SISMAVA	4,297E-12	43-1	0,25
43	0,5	SISMAVA	1,575E-12	43-1	0,5
43	0	LM71SVB	-1,429E-13	43-1	0
43	0,25	LM71SVB	-8,749E-14	43-1	0,25
43	0,5	LM71SVB	-3,203E-14	43-1	0,5
43	0	SW2SVB	-2,141E-13	43-1	0
43	0,25	SW2SVB	-1,311E-13	43-1	0,25
43	0,5	SW2SVB	-4,81E-14	43-1	0,5
43	0	SISMAVB	-7,018E-12	43-1	0
43	0,25	SISMAVB	-4,297E-12	43-1	0,25
43	0,5	SISMAVB	-1,575E-12	43-1	0,5
43	0	LM71SX	-1,3958	43-1	0
43	0,25	LM71SX	-1,2114	43-1	0,25
43	0,5	LM71SX	-1,0269	43-1	0,5
43	0	LM71DX	1,3958	43-1	0
43	0,25	LM71DX	1,2114	43-1	0,25
43	0,5	LM71DX	1,0269	43-1	0,5
44	0	PP	0,1443	44-1	0
44	0,25	PP	0,8109	44-1	0,25
44	0,5	PP	1,4776	44-1	0,5
44	0	REINTSUP	-14,3718	44-1	0
44	0,25	REINTSUP	-15,0606	44-1	0,25
44	0,5	REINTSUP	-15,7494	44-1	0,5
44	0	BALLAST	-0,9305	44-1	0
44	0,25	BALLAST	-0,9751	44-1	0,25
44	0,5	BALLAST	-1,0197	44-1	0,5
44	0	STERRASX	-22,3616	44-1	0
44	0,25	STERRASX	-33,4297	44-1	0,25
44	0,5	STERRASX	-44,4979	44-1	0,5

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44	0	STERRADX	48,2939	44-1	0
44	0,25	STERRADX	42,2293	44-1	0,25
44	0,5	STERRADX	29,7203	44-1	0,5
44	0	TERMP	-1,2895	44-1	0
44	0,25	TERMP	-2,0393	44-1	0,25
44	0,5	TERMP	-2,7891	44-1	0,5
44	0	TERMN	3,8684	44-1	0
44	0,25	TERMN	6,1178	44-1	0,25
44	0,5	TERMN	8,3673	44-1	0,5
44	0	GRADTP	6,5265	44-1	0
44	0,25	GRADTP	8,2661	44-1	0,25
44	0,5	GRADTP	10,0056	44-1	0,5
44	0	GRADTN	-6,5265	44-1	0
44	0,25	GRADTN	-8,2661	44-1	0,25
44	0,5	GRADTN	-10,0056	44-1	0,5
44	0	LM71C	-2,5849	44-1	0
44	0,25	LM71C	-2,7087	44-1	0,25
44	0,5	LM71C	-2,8326	44-1	0,5
44	0	STLM71	-2,994	44-1	0
44	0,25	STLM71	-4,4768	44-1	0,25
44	0,5	STLM71	-5,9597	44-1	0,5
44	0	AVVLM71	-4,4033	44-1	0
44	0,25	AVVLM71	-6,6179	44-1	0,25
44	0,5	AVVLM71	-8,8324	44-1	0,5
44	0	SW2	-2,5849	44-1	0
44	0,25	SW2	-2,7087	44-1	0,25
44	0,5	SW2	-2,8326	44-1	0,5
44	0	STSW2	-2,994	44-1	0
44	0,25	STSW2	-4,4768	44-1	0,25
44	0,5	STSW2	-5,9597	44-1	0,5
44	0	FRENSW2	-4,6692	44-1	0
44	0,25	FRENSW2	-7,0175	44-1	0,25
44	0,5	FRENSW2	-9,3657	44-1	0,5
44	0	SERP	0	44-1	0
44	0,25	SERP	0	44-1	0,25
44	0,5	SERP	0	44-1	0,5
44	0	INCRTER	-18,2065	44-1	0
44	0,25	INCRTER	-27,2234	44-1	0,25
44	0,5	INCRTER	-36,2403	44-1	0,5
44	0	LM71SISO	-0,8881	44-1	0
44	0,25	LM71SISO	-1,3348	44-1	0,25
44	0,5	LM71SISO	-1,7814	44-1	0,5
44	0	SW2SISO	-1,3295	44-1	0
44	0,25	SW2SISO	-1,9981	44-1	0,25
44	0,5	SW2SISO	-2,6668	44-1	0,5
44	0	SISMAO	-3,316	44-1	0
44	0,25	SISMAO	-4,2032	44-1	0,25
44	0,5	SISMAO	-4,9172	44-1	0,5
44	0	LM71SVA	0,0536	44-1	0
44	0,25	LM71SVA	0,0562	44-1	0,25
44	0,5	LM71SVA	0,0588	44-1	0,5
44	0	SW2SVA	0,0801	44-1	0
44	0,25	SW2SVA	0,084	44-1	0,25
44	0,5	SW2SVA	0,0878	44-1	0,5
44	0	SISMAVA	2,2773	44-1	0
44	0,25	SISMAVA	2,2606	44-1	0,25
44	0,5	SISMAVA	2,244	44-1	0,5
44	0	LM71SVB	-0,0536	44-1	0
44	0,25	LM71SVB	-0,0562	44-1	0,25
44	0,5	LM71SVB	-0,0588	44-1	0,5
44	0	SW2SVB	-0,0801	44-1	0
44	0,25	SW2SVB	-0,084	44-1	0,25
44	0,5	SW2SVB	-0,0878	44-1	0,5
44	0	SISMAVB	-2,2773	44-1	0
44	0,25	SISMAVB	-2,2606	44-1	0,25
44	0,5	SISMAVB	-2,244	44-1	0,5
44	0	LM71SX	0,0433	44-1	0
44	0,25	LM71SX	0,0736	44-1	0,25

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
44	0,5	LM71SX	0,1039	44-1	0,5
44	0	LM71DX	-2,6282	44-1	0
44	0,25	LM71DX	-2,7824	44-1	0,25
44	0,5	LM71DX	-2,9366	44-1	0,5
45	0	PP	-1,4776	45-1	0
45	0,05	PP	-1,6109	45-1	0,05
45	0,1	PP	-1,7442	45-1	0,1
45	0	REINTSUP	15,7494	45-1	0
45	0,05	REINTSUP	15,8872	45-1	0,05
45	0,1	REINTSUP	16,025	45-1	0,1
45	0	BALLAST	1,0197	45-1	0
45	0,05	BALLAST	1,0287	45-1	0,05
45	0,1	BALLAST	1,0376	45-1	0,1
45	0	STERRASX	-29,7203	45-1	0
45	0,05	STERRASX	-26,4569	45-1	0,05
45	0,1	STERRASX	-22,9421	45-1	0,1
45	0	STERRADX	44,4979	45-1	0
45	0,05	STERRADX	46,7115	45-1	0,05
45	0,1	STERRADX	48,9251	45-1	0,1
45	0	TERMP	2,7891	45-1	0
45	0,05	TERMP	2,9391	45-1	0,05
45	0,1	TERMP	3,089	45-1	0,1
45	0	TERMN	-8,3673	45-1	0
45	0,05	TERMN	-8,8172	45-1	0,05
45	0,1	TERMN	-9,267	45-1	0,1
45	0	GRADTF	-10,0056	45-1	0
45	0,05	GRADTF	-10,3535	45-1	0,05
45	0,1	GRADTF	-10,7014	45-1	0,1
45	0	GRADTN	10,0056	45-1	0
45	0,05	GRADTN	10,3535	45-1	0,05
45	0,1	GRADTN	10,7014	45-1	0,1
45	0	LM71C	2,8326	45-1	0
45	0,05	LM71C	2,8574	45-1	0,05
45	0,1	LM71C	2,8822	45-1	0,1
45	0	STLM71	-4,1074	45-1	0
45	0,05	STLM71	-3,6768	45-1	0,05
45	0,1	STLM71	-3,2106	45-1	0,1
45	0	AVVLM71	-8,8324	45-1	0
45	0,05	AVVLM71	-9,2753	45-1	0,05
45	0,1	AVVLM71	-9,7182	45-1	0,1
45	0	SW2	2,8326	45-1	0
45	0,05	SW2	2,8574	45-1	0,05
45	0,1	SW2	2,8822	45-1	0,1
45	0	STSW2	-4,1074	45-1	0
45	0,05	STSW2	-3,6768	45-1	0,05
45	0,1	STSW2	-3,2106	45-1	0,1
45	0	FRENSW2	-9,3657	45-1	0
45	0,05	FRENSW2	-9,8354	45-1	0,05
45	0,1	FRENSW2	-10,305	45-1	0,1
45	0	SERP	0	45-1	0
45	0,05	SERP	0	45-1	0,05
45	0,1	SERP	0	45-1	0,1
45	0	INCRTER	-24,9771	45-1	0
45	0,05	INCRTER	-22,3582	45-1	0,05
45	0,1	INCRTER	-19,5234	45-1	0,1
45	0	LM71SISO	-1,7814	45-1	0
45	0,05	LM71SISO	-1,8707	45-1	0,05
45	0,1	LM71SISO	-1,9601	45-1	0,1
45	0	SW2SISO	-2,6668	45-1	0
45	0,05	SW2SISO	-2,8005	45-1	0,05
45	0,1	SW2SISO	-2,9342	45-1	0,1
45	0	SISMAO	-4,9172	45-1	0
45	0,05	SISMAO	-5,0392	45-1	0,05
45	0,1	SISMAO	-5,1543	45-1	0,1
45	0	LM71SVA	-0,0588	45-1	0
45	0,05	LM71SVA	-0,0593	45-1	0,05
45	0,1	LM71SVA	-0,0598	45-1	0,1
45	0	SW2SVA	-0,0878	45-1	0

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
45	0,05	SW2SVA	-0,0886	45-1	0,05
45	0,1	SW2SVA	-0,0893	45-1	0,1
45	0	SISMAVA	-2,244	45-1	0
45	0,05	SISMAVA	-2,2407	45-1	0,05
45	0,1	SISMAVA	-2,2373	45-1	0,1
45	0	LM71SVB	0,0588	45-1	0
45	0,05	LM71SVB	0,0593	45-1	0,05
45	0,1	LM71SVB	0,0598	45-1	0,1
45	0	SW2SVB	0,0878	45-1	0
45	0,05	SW2SVB	0,0886	45-1	0,05
45	0,1	SW2SVB	0,0893	45-1	0,1
45	0	SISMAVB	2,244	45-1	0
45	0,05	SISMAVB	2,2407	45-1	0,05
45	0,1	SISMAVB	2,2373	45-1	0,1
45	0	LM71SX	2,9366	45-1	0
45	0,05	LM71SX	2,9674	45-1	0,05
45	0,1	LM71SX	2,9982	45-1	0,1
45	0	LM71DX	-0,1039	45-1	0
45	0,05	LM71DX	-0,11	45-1	0,05
45	0,1	LM71DX	-0,116	45-1	0,1
46	0	PP	-8,807E-12	46-1	0
46	0,05	PP	-8,216E-12	46-1	0,05
46	0,1	PP	-7,624E-12	46-1	0,1
46	0	REINTSUP	-4,429E-11	46-1	0
46	0,05	REINTSUP	-4,132E-11	46-1	0,05
46	0,1	REINTSUP	-3,834E-11	46-1	0,1
46	0	BALLAST	-2,872E-12	46-1	0
46	0,05	BALLAST	-2,68E-12	46-1	0,05
46	0,1	BALLAST	-2,487E-12	46-1	0,1
46	0	STERRASX	-40,9131	46-1	0
46	0,05	STERRASX	-38,9881	46-1	0,05
46	0,1	STERRASX	-37,0632	46-1	0,1
46	0	STERRADX	40,9131	46-1	0
46	0,05	STERRADX	38,9881	46-1	0,05
46	0,1	STERRADX	37,0632	46-1	0,1
46	0	TERMP	-9,06E-13	46-1	0
46	0,05	TERMP	-8,643E-13	46-1	0,05
46	0,1	TERMP	-8,226E-13	46-1	0,1
46	0	TERMN	2,323E-12	46-1	0
46	0,05	TERMN	2,216E-12	46-1	0,05
46	0,1	TERMN	2,109E-12	46-1	0,1
46	0	GRADTP	-1,009E-15	46-1	0
46	0,05	GRADTP	-8,613E-16	46-1	0,05
46	0,1	GRADTP	-7,135E-16	46-1	0,1
46	0	GRADTN	1,009E-15	46-1	0
46	0,05	GRADTN	8,613E-16	46-1	0,05
46	0,1	GRADTN	7,135E-16	46-1	0,1
46	0	LM71C	-7,959E-12	46-1	0
46	0,05	LM71C	-7,424E-12	46-1	0,05
46	0,1	LM71C	-6,89E-12	46-1	0,1
46	0	STLM71	-5,4981	46-1	0
46	0,05	STLM71	-5,2397	46-1	0,05
46	0,1	STLM71	-4,9812	46-1	0,1
46	0	AVVLM71	-8,6764	46-1	0
46	0,05	AVVLM71	-8,2789	46-1	0,05
46	0,1	AVVLM71	-7,8813	46-1	0,1
46	0	SW2	-7,961E-12	46-1	0
46	0,05	SW2	-7,426E-12	46-1	0,05
46	0,1	SW2	-6,891E-12	46-1	0,1
46	0	STSW2	-5,4981	46-1	0
46	0,05	STSW2	-5,2397	46-1	0,05
46	0,1	STSW2	-4,9812	46-1	0,1
46	0	FRENSW2	-9,2004	46-1	0
46	0,05	FRENSW2	-8,7788	46-1	0,05
46	0,1	FRENSW2	-8,3572	46-1	0,1
46	0	SERP	0	46-1	0
46	0,05	SERP	0	46-1	0,05
46	0,1	SERP	0	46-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
46	0	INCRTER	-33,4336	46-1	0
46	0,05	INCRTER	-31,862	46-1	0,05
46	0,1	INCRTER	-30,2905	46-1	0,1
46	0	LM71SISO	-1,75	46-1	0
46	0,05	LM71SISO	-1,6698	46-1	0,05
46	0,1	LM71SISO	-1,5896	46-1	0,1
46	0	SW2SISO	-2,6197	46-1	0
46	0,05	SW2SISO	-2,4997	46-1	0,05
46	0,1	SW2SISO	-2,3796	46-1	0,1
46	0	SISMAO	-5,0462	46-1	0
46	0,05	SISMAO	-4,8124	46-1	0,05
46	0,1	SISMAO	-4,5786	46-1	0,1
46	0	LM71SVA	1,651E-13	46-1	0
46	0,05	LM71SVA	1,54E-13	46-1	0,05
46	0,1	LM71SVA	1,429E-13	46-1	0,1
46	0	SW2SVA	2,473E-13	46-1	0
46	0,05	SW2SVA	2,307E-13	46-1	0,05
46	0,1	SW2SVA	2,141E-13	46-1	0,1
46	0	SISMAVA	8,106E-12	46-1	0
46	0,05	SISMAVA	7,562E-12	46-1	0,05
46	0,1	SISMAVA	7,018E-12	46-1	0,1
46	0	LM71SVB	-1,651E-13	46-1	0
46	0,05	LM71SVB	-1,54E-13	46-1	0,05
46	0,1	LM71SVB	-1,429E-13	46-1	0,1
46	0	SW2SVB	-2,473E-13	46-1	0
46	0,05	SW2SVB	-2,307E-13	46-1	0,05
46	0,1	SW2SVB	-2,141E-13	46-1	0,1
46	0	SISMAVB	-8,106E-12	46-1	0
46	0,05	SISMAVB	-7,562E-12	46-1	0,05
46	0,1	SISMAVB	-7,018E-12	46-1	0,1
46	0	LM71SX	-1,4696	46-1	0
46	0,05	LM71SX	-1,4327	46-1	0,05
46	0,1	LM71SX	-1,3958	46-1	0,1
46	0	LM71DX	1,4696	46-1	0
46	0,05	LM71DX	1,4327	46-1	0,05
46	0,1	LM71DX	1,3958	46-1	0,1
47	0	PP	1,4776	47-1	0
47	0,05	PP	1,6109	47-1	0,05
47	0,1	PP	1,7442	47-1	0,1
47	0	REINTSUP	-15,7494	47-1	0
47	0,05	REINTSUP	-15,8872	47-1	0,05
47	0,1	REINTSUP	-16,025	47-1	0,1
47	0	BALLAST	-1,0197	47-1	0
47	0,05	BALLAST	-1,0287	47-1	0,05
47	0,1	BALLAST	-1,0376	47-1	0,1
47	0	STERRASX	-44,4979	47-1	0
47	0,05	STERRASX	-46,7115	47-1	0,05
47	0,1	STERRASX	-48,9251	47-1	0,1
47	0	STERRADX	29,7203	47-1	0
47	0,05	STERRADX	26,4569	47-1	0,05
47	0,1	STERRADX	22,9421	47-1	0,1
47	0	TERMP	-2,7891	47-1	0
47	0,05	TERMP	-2,9391	47-1	0,05
47	0,1	TERMP	-3,089	47-1	0,1
47	0	TERMN	8,3673	47-1	0
47	0,05	TERMN	8,8172	47-1	0,05
47	0,1	TERMN	9,267	47-1	0,1
47	0	GRADTP	10,0056	47-1	0
47	0,05	GRADTP	10,3535	47-1	0,05
47	0,1	GRADTP	10,7014	47-1	0,1
47	0	GRADTN	-10,0056	47-1	0
47	0,05	GRADTN	-10,3535	47-1	0,05
47	0,1	GRADTN	-10,7014	47-1	0,1
47	0	LM71C	-2,8326	47-1	0
47	0,05	LM71C	-2,8574	47-1	0,05
47	0,1	LM71C	-2,8822	47-1	0,1
47	0	STLM71	-5,9597	47-1	0
47	0,05	STLM71	-6,2562	47-1	0,05

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
47	0,1	STLM71	-6,5528	47-1	0,1
47	0	AVVLM71	-8,8324	47-1	0
47	0,05	AVVLM71	-9,2753	47-1	0,05
47	0,1	AVVLM71	-9,7182	47-1	0,1
47	0	SW2	-2,8326	47-1	0
47	0,05	SW2	-2,8574	47-1	0,05
47	0,1	SW2	-2,8822	47-1	0,1
47	0	STSW2	-5,9597	47-1	0
47	0,05	STSW2	-6,2562	47-1	0,05
47	0,1	STSW2	-6,5528	47-1	0,1
47	0	FRENSW2	-9,3657	47-1	0
47	0,05	FRENSW2	-9,8354	47-1	0,05
47	0,1	FRENSW2	-10,305	47-1	0,1
47	0	SERP	0	47-1	0
47	0,05	SERP	0	47-1	0,05
47	0,1	SERP	0	47-1	0,1
47	0	INCRTER	-36,2403	47-1	0
47	0,05	INCRTER	-38,0436	47-1	0,05
47	0,1	INCRTER	-39,847	47-1	0,1
47	0	LM71SISO	-1,7814	47-1	0
47	0,05	LM71SISO	-1,8707	47-1	0,05
47	0,1	LM71SISO	-1,9601	47-1	0,1
47	0	SW2SISO	-2,6668	47-1	0
47	0,05	SW2SISO	-2,8005	47-1	0,05
47	0,1	SW2SISO	-2,9342	47-1	0,1
47	0	SISMAO	-4,9172	47-1	0
47	0,05	SISMAO	-5,0392	47-1	0,05
47	0,1	SISMAO	-5,1543	47-1	0,1
47	0	LM71SVA	0,0588	47-1	0
47	0,05	LM71SVA	0,0593	47-1	0,05
47	0,1	LM71SVA	0,0598	47-1	0,1
47	0	SW2SVA	0,0878	47-1	0
47	0,05	SW2SVA	0,0886	47-1	0,05
47	0,1	SW2SVA	0,0893	47-1	0,1
47	0	SISMAVA	2,244	47-1	0
47	0,05	SISMAVA	2,2407	47-1	0,05
47	0,1	SISMAVA	2,2373	47-1	0,1
47	0	LM71SVB	-0,0588	47-1	0
47	0,05	LM71SVB	-0,0593	47-1	0,05
47	0,1	LM71SVB	-0,0598	47-1	0,1
47	0	SW2SVB	-0,0878	47-1	0
47	0,05	SW2SVB	-0,0886	47-1	0,05
47	0,1	SW2SVB	-0,0893	47-1	0,1
47	0	SISMAVB	-2,244	47-1	0
47	0,05	SISMAVB	-2,2407	47-1	0,05
47	0,1	SISMAVB	-2,2373	47-1	0,1
47	0	LM71SX	0,1039	47-1	0
47	0,05	LM71SX	0,11	47-1	0,05
47	0,1	LM71SX	0,116	47-1	0,1
47	0	LM71DX	-2,9366	47-1	0
47	0,05	LM71DX	-2,9674	47-1	0,05
47	0,1	LM71DX	-2,9982	47-1	0,1
48	0	PP	-1,7442	48-1	0
48	0,05	PP	-1,8776	48-1	0,05
48	0,1	PP	-2,0109	48-1	0,1
48	0	REINTSUP	16,025	48-1	0
48	0,05	REINTSUP	16,1627	48-1	0,05
48	0,1	REINTSUP	16,3005	48-1	0,1
48	0	BALLAST	1,0376	48-1	0
48	0,05	BALLAST	1,0465	48-1	0,05
48	0,1	BALLAST	1,0554	48-1	0,1
48	0	STERRASX	-22,9421	48-1	0
48	0,05	STERRASX	-19,1771	48-1	0,05
48	0,1	STERRASX	-15,1627	48-1	0,1
48	0	STERRADX	48,9251	48-1	0
48	0,05	STERRADX	51,1387	48-1	0,05
48	0,1	STERRADX	53,3524	48-1	0,1
48	0	TERMP	3,089	48-1	0

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
48	0,05	TERMP	3,239	48-1	0,05
48	0,1	TERMP	3,3889	48-1	0,1
48	0	TERMN	-9,267	48-1	0
48	0,05	TERMN	-9,7169	48-1	0,05
48	0,1	TERMN	-10,1668	48-1	0,1
48	0	GRADTP	-10,7014	48-1	0
48	0,05	GRADTP	-11,0493	48-1	0,05
48	0,1	GRADTP	-11,3972	48-1	0,1
48	0	GRADTN	10,7014	48-1	0
48	0,05	GRADTN	11,0493	48-1	0,05
48	0,1	GRADTN	11,3972	48-1	0,1
48	0	LM71C	2,8822	48-1	0
48	0,05	LM71C	2,907	48-1	0,05
48	0,1	LM71C	2,9317	48-1	0,1
48	0	STLM71	-3,2106	48-1	0
48	0,05	STLM71	-2,7089	48-1	0,05
48	0,1	STLM71	-2,1716	48-1	0,1
48	0	AVVLM71	-9,7182	48-1	0
48	0,05	AVVLM71	-10,1611	48-1	0,05
48	0,1	AVVLM71	-10,604	48-1	0,1
48	0	SW2	2,8822	48-1	0
48	0,05	SW2	2,907	48-1	0,05
48	0,1	SW2	2,9317	48-1	0,1
48	0	STSW2	-3,2106	48-1	0
48	0,05	STSW2	-2,7089	48-1	0,05
48	0,1	STSW2	-2,1716	48-1	0,1
48	0	FRENSW2	-10,305	48-1	0
48	0,05	FRENSW2	-10,7747	48-1	0,05
48	0,1	FRENSW2	-11,2443	48-1	0,1
48	0	SERP	0	48-1	0
48	0,05	SERP	0	48-1	0,05
48	0,1	SERP	0	48-1	0,1
48	0	INCRTER	-19,5234	48-1	0
48	0,05	INCRTER	-16,4725	48-1	0,05
48	0,1	INCRTER	-13,2055	48-1	0,1
48	0	LM71SISO	-1,9601	48-1	0
48	0,05	LM71SISO	-2,0494	48-1	0,05
48	0,1	LM71SISO	-2,1387	48-1	0,1
48	0	SW2SISO	-2,9342	48-1	0
48	0,05	SW2SISO	-3,068	48-1	0,05
48	0,1	SW2SISO	-3,2017	48-1	0,1
48	0	SISMAO	-5,1543	48-1	0
48	0,05	SISMAO	-5,2625	48-1	0,05
48	0,1	SISMAO	-5,3638	48-1	0,1
48	0	LM71SVA	-0,0598	48-1	0
48	0,05	LM71SVA	-0,0603	48-1	0,05
48	0,1	LM71SVA	-0,0608	48-1	0,1
48	0	SW2SVA	-0,0893	48-1	0
48	0,05	SW2SVA	-0,0901	48-1	0,05
48	0,1	SW2SVA	-0,0909	48-1	0,1
48	0	SISMAVA	-2,2373	48-1	0
48	0,05	SISMAVA	-2,234	48-1	0,05
48	0,1	SISMAVA	-2,2307	48-1	0,1
48	0	LM71SVB	0,0598	48-1	0
48	0,05	LM71SVB	0,0603	48-1	0,05
48	0,1	LM71SVB	0,0608	48-1	0,1
48	0	SW2SVB	0,0893	48-1	0
48	0,05	SW2SVB	0,0901	48-1	0,05
48	0,1	SW2SVB	0,0909	48-1	0,1
48	0	SISMAVB	2,2373	48-1	0
48	0,05	SISMAVB	2,234	48-1	0,05
48	0,1	SISMAVB	2,2307	48-1	0,1
48	0	LM71SX	2,9982	48-1	0
48	0,05	LM71SX	3,0291	48-1	0,05
48	0,1	LM71SX	3,0599	48-1	0,1
48	0	LM71DX	-0,116	48-1	0
48	0,05	LM71DX	-0,1221	48-1	0,05
48	0,1	LM71DX	-0,1281	48-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
49	0	PP	-9,99E-12	49-1	0
49	0,05	PP	-9,398E-12	49-1	0,05
49	0,1	PP	-8,807E-12	49-1	0,1
49	0	REINTSUP	-5,024E-11	49-1	0
49	0,05	REINTSUP	-4,726E-11	49-1	0,05
49	0,1	REINTSUP	-4,429E-11	49-1	0,1
49	0	BALLAST	-3,258E-12	49-1	0
49	0,05	BALLAST	-3,065E-12	49-1	0,05
49	0,1	BALLAST	-2,872E-12	49-1	0,1
49	0	STERRASX	-44,763	49-1	0
49	0,05	STERRASX	-42,838	49-1	0,05
49	0,1	STERRASX	-40,9131	49-1	0,1
49	0	STERRADX	44,763	49-1	0
49	0,05	STERRADX	42,838	49-1	0,05
49	0,1	STERRADX	40,9131	49-1	0,1
49	0	TERMP	-9,893E-13	49-1	0
49	0,05	TERMP	-9,477E-13	49-1	0,05
49	0,1	TERMP	-9,06E-13	49-1	0,1
49	0	TERMN	2,537E-12	49-1	0
49	0,05	TERMN	2,43E-12	49-1	0,05
49	0,1	TERMN	2,323E-12	49-1	0,1
49	0	GRADTP	-1,304E-15	49-1	0
49	0,05	GRADTP	-1,157E-15	49-1	0,05
49	0,1	GRADTP	-1,009E-15	49-1	0,1
49	0	GRADTN	1,304E-15	49-1	0
49	0,05	GRADTN	1,157E-15	49-1	0,05
49	0,1	GRADTN	1,009E-15	49-1	0,1
49	0	LM71C	-9,028E-12	49-1	0
49	0,05	LM71C	-8,493E-12	49-1	0,05
49	0,1	LM71C	-7,959E-12	49-1	0,1
49	0	STLM71	-6,015	49-1	0
49	0,05	STLM71	-5,7565	49-1	0,05
49	0,1	STLM71	-5,4981	49-1	0,1
49	0	AVVLM71	-9,4716	49-1	0
49	0,05	AVVLM71	-9,074	49-1	0,05
49	0,1	AVVLM71	-8,6764	49-1	0,1
49	0	SW2	-9,03E-12	49-1	0
49	0,05	SW2	-8,495E-12	49-1	0,05
49	0,1	SW2	-7,961E-12	49-1	0,1
49	0	STSW2	-6,015	49-1	0
49	0,05	STSW2	-5,7565	49-1	0,05
49	0,1	STSW2	-5,4981	49-1	0,1
49	0	FRENSW2	-10,0436	49-1	0
49	0,05	FRENSW2	-9,622	49-1	0,05
49	0,1	FRENSW2	-9,2004	49-1	0,1
49	0	SERP	0	49-1	0
49	0,05	SERP	0	49-1	0,05
49	0,1	SERP	0	49-1	0,1
49	0	INCRTER	-36,5767	49-1	0
49	0,05	INCRTER	-35,0051	49-1	0,05
49	0,1	INCRTER	-33,4336	49-1	0,1
49	0	LM71SISO	-1,9103	49-1	0
49	0,05	LM71SISO	-1,8301	49-1	0,05
49	0,1	LM71SISO	-1,75	49-1	0,1
49	0	SW2SISO	-2,8598	49-1	0
49	0,05	SW2SISO	-2,7397	49-1	0,05
49	0,1	SW2SISO	-2,6197	49-1	0,1
49	0	SISMAO	-5,5137	49-1	0
49	0,05	SISMAO	-5,2799	49-1	0,05
49	0,1	SISMAO	-5,0462	49-1	0,1
49	0	LM71SVA	1,873E-13	49-1	0
49	0,05	LM71SVA	1,762E-13	49-1	0,05
49	0,1	LM71SVA	1,651E-13	49-1	0,1
49	0	SW2SVA	2,804E-13	49-1	0
49	0,05	SW2SVA	2,639E-13	49-1	0,05
49	0,1	SW2SVA	2,473E-13	49-1	0,1
49	0	SISMAVA	9,195E-12	49-1	0
49	0,05	SISMAVA	8,651E-12	49-1	0,05

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49	0,1	SISMAVA	8,106E-12	49-1	0,1
49	0	LM71SVB	-1,873E-13	49-1	0
49	0,05	LM71SVB	-1,762E-13	49-1	0,05
49	0,1	LM71SVB	-1,651E-13	49-1	0,1
49	0	SW2SVB	-2,804E-13	49-1	0
49	0,05	SW2SVB	-2,639E-13	49-1	0,05
49	0,1	SW2SVB	-2,473E-13	49-1	0,1
49	0	SISMAVB	-9,195E-12	49-1	0
49	0,05	SISMAVB	-8,651E-12	49-1	0,05
49	0,1	SISMAVB	-8,106E-12	49-1	0,1
49	0	LM71SX	-1,5434	49-1	0
49	0,05	LM71SX	-1,5065	49-1	0,05
49	0,1	LM71SX	-1,4696	49-1	0,1
49	0	LM71DX	1,5434	49-1	0
49	0,05	LM71DX	1,5065	49-1	0,05
49	0,1	LM71DX	1,4696	49-1	0,1
50	0	PP	1,7442	50-1	0
50	0,05	PP	1,8776	50-1	0,05
50	0,1	PP	2,0109	50-1	0,1
50	0	REINTSUP	-16,025	50-1	0
50	0,05	REINTSUP	-16,1627	50-1	0,05
50	0,1	REINTSUP	-16,3005	50-1	0,1
50	0	BALLAST	-1,0376	50-1	0
50	0,05	BALLAST	-1,0465	50-1	0,05
50	0,1	BALLAST	-1,0554	50-1	0,1
50	0	STERRASX	-48,9251	50-1	0
50	0,05	STERRASX	-51,1387	50-1	0,05
50	0,1	STERRASX	-53,3524	50-1	0,1
50	0	STERRADX	22,9421	50-1	0
50	0,05	STERRADX	19,1771	50-1	0,05
50	0,1	STERRADX	15,1627	50-1	0,1
50	0	TERMP	-3,089	50-1	0
50	0,05	TERMP	-3,239	50-1	0,05
50	0,1	TERMP	-3,3889	50-1	0,1
50	0	TERMN	9,267	50-1	0
50	0,05	TERMN	9,7169	50-1	0,05
50	0,1	TERMN	10,1668	50-1	0,1
50	0	GRADTP	10,7014	50-1	0
50	0,05	GRADTP	11,0493	50-1	0,05
50	0,1	GRADTP	11,3972	50-1	0,1
50	0	GRADTN	-10,7014	50-1	0
50	0,05	GRADTN	-11,0493	50-1	0,05
50	0,1	GRADTN	-11,3972	50-1	0,1
50	0	LM71C	-2,8822	50-1	0
50	0,05	LM71C	-2,907	50-1	0,05
50	0,1	LM71C	-2,9317	50-1	0,1
50	0	STLM71	-6,5528	50-1	0
50	0,05	STLM71	-6,8493	50-1	0,05
50	0,1	STLM71	-7,1459	50-1	0,1
50	0	AVVLM71	-9,7182	50-1	0
50	0,05	AVVLM71	-10,1611	50-1	0,05
50	0,1	AVVLM71	-10,604	50-1	0,1
50	0	SW2	-2,8822	50-1	0
50	0,05	SW2	-2,907	50-1	0,05
50	0,1	SW2	-2,9317	50-1	0,1
50	0	STSW2	-6,5528	50-1	0
50	0,05	STSW2	-6,8493	50-1	0,05
50	0,1	STSW2	-7,1459	50-1	0,1
50	0	FRENSW2	-10,305	50-1	0
50	0,05	FRENSW2	-10,7747	50-1	0,05
50	0,1	FRENSW2	-11,2443	50-1	0,1
50	0	SERP	0	50-1	0
50	0,05	SERP	0	50-1	0,05
50	0,1	SERP	0	50-1	0,1
50	0	INCRTER	-39,847	50-1	0
50	0,05	INCRTER	-41,6504	50-1	0,05
50	0,1	INCRTER	-43,4538	50-1	0,1
50	0	LM71SISO	-1,9601	50-1	0

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
50	0,05	LM71SISO	-2,0494	50-1	0,05
50	0,1	LM71SISO	-2,1387	50-1	0,1
50	0	SW2SISO	-2,9342	50-1	0
50	0,05	SW2SISO	-3,068	50-1	0,05
50	0,1	SW2SISO	-3,2017	50-1	0,1
50	0	SISMAO	-5,1543	50-1	0
50	0,05	SISMAO	-5,2625	50-1	0,05
50	0,1	SISMAO	-5,3638	50-1	0,1
50	0	LM71SVA	0,0598	50-1	0
50	0,05	LM71SVA	0,0603	50-1	0,05
50	0,1	LM71SVA	0,0608	50-1	0,1
50	0	SW2SVA	0,0893	50-1	0
50	0,05	SW2SVA	0,0901	50-1	0,05
50	0,1	SW2SVA	0,0909	50-1	0,1
50	0	SISMAVA	2,2373	50-1	0
50	0,05	SISMAVA	2,234	50-1	0,05
50	0,1	SISMAVA	2,2307	50-1	0,1
50	0	LM71SVB	-0,0598	50-1	0
50	0,05	LM71SVB	-0,0603	50-1	0,05
50	0,1	LM71SVB	-0,0608	50-1	0,1
50	0	SW2SVB	-0,0893	50-1	0
50	0,05	SW2SVB	-0,0901	50-1	0,05
50	0,1	SW2SVB	-0,0909	50-1	0,1
50	0	SISMAVB	-2,2373	50-1	0
50	0,05	SISMAVB	-2,234	50-1	0,05
50	0,1	SISMAVB	-2,2307	50-1	0,1
50	0	LM71SX	0,116	50-1	0
50	0,05	LM71SX	0,1221	50-1	0,05
50	0,1	LM71SX	0,1281	50-1	0,1
50	0	LM71DX	-2,9982	50-1	0
50	0,05	LM71DX	-3,0291	50-1	0,05
50	0,1	LM71DX	-3,0599	50-1	0,1
51	0	PP	2,0109	51-1	0
51	0,1	PP	2,2231	51-1	0,1
51	0	REINTSUP	-16,3005	51-1	0
51	0,1	REINTSUP	-2,3735	51-1	0,1
51	0	BALLAST	-1,0554	51-1	0
51	0,1	BALLAST	-0,1537	51-1	0,1
51	0	STERRASX	15,1627	51-1	0
51	0,1	STERRASX	13,2678	51-1	0,1
51	0	STERRADX	-53,3524	51-1	0
51	0,1	STERRADX	-47,939	51-1	0,1
51	0	TERMP	-3,3889	51-1	0
51	0,1	TERMP	-3,3108	51-1	0,1
51	0	TERMN	10,1668	51-1	0
51	0,1	TERMN	9,9324	51-1	0,1
51	0	GRADTP	11,3972	51-1	0
51	0,1	GRADTP	12,1813	51-1	0,1
51	0	GRADTN	-11,3972	51-1	0
51	0,1	GRADTN	-12,1813	51-1	0,1
51	0	LM71C	-2,9317	51-1	0
51	0,1	LM71C	-0,4269	51-1	0,1
51	0	STLM71	2,1716	51-1	0
51	0,1	STLM71	1,9052	51-1	0,1
51	0	AVVLM71	10,604	51-1	0
51	0,1	AVVLM71	9,6143	51-1	0,1
51	0	SW2	-2,9317	51-1	0
51	0,1	SW2	-0,4269	51-1	0,1
51	0	STSW2	2,1716	51-1	0
51	0,1	STSW2	1,9052	51-1	0,1
51	0	FRENSW2	11,2443	51-1	0
51	0,1	FRENSW2	10,1949	51-1	0,1
51	0	SERP	0	51-1	0
51	0,1	SERP	0	51-1	0,1
51	0	INCRTER	13,2055	51-1	0
51	0,1	INCRTER	11,5854	51-1	0,1
51	0	LM71SISO	2,1387	51-1	0
51	0,1	LM71SISO	1,9391	51-1	0,1

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51	0	SW2SISO	3,2017	51-1	0
51	0,1	SW2SISO	2,9029	51-1	0,1
51	0	SISMAO	5,3638	51-1	0
51	0,1	SISMAO	4,8399	51-1	0,1
51	0	LM71SVA	0,0608	51-1	0
51	0,1	LM71SVA	0,0089	51-1	0,1
51	0	SW2SVA	0,0909	51-1	0
51	0,1	SW2SVA	0,0132	51-1	0,1
51	0	SISMAVA	2,2307	51-1	0
51	0,1	SISMAVA	-0,0749	51-1	0,1
51	0	LM71SVB	-0,0608	51-1	0
51	0,1	LM71SVB	-0,0089	51-1	0,1
51	0	SW2SVB	-0,0909	51-1	0
51	0,1	SW2SVB	-0,0132	51-1	0,1
51	0	SISMAVB	-2,2307	51-1	0
51	0,1	SISMAVB	0,0749	51-1	0,1
51	0	LM71SX	-3,0599	51-1	0
51	0,1	LM71SX	-0,3044	51-1	0,1
51	0	LM71DX	0,1281	51-1	0
51	0,1	LM71DX	-0,1225	51-1	0,1
52	0	PP	2,2231	52-1	0
52	0,1	PP	2,3353	52-1	0,1
52	0	REINTSUP	-2,3735	52-1	0
52	0,1	REINTSUP	9,3296	52-1	0,1
52	0	BALLAST	-0,1537	52-1	0
52	0,1	BALLAST	0,6041	52-1	0,1
52	0	STERRASX	13,2678	52-1	0
52	0,1	STERRASX	11,3729	52-1	0,1
52	0	STERRADX	-47,939	52-1	0
52	0,1	STERRADX	-42,5257	52-1	0,1
52	0	TERMP	-3,3108	52-1	0
52	0,1	TERMP	-3,2326	52-1	0,1
52	0	TERMN	9,9324	52-1	0
52	0,1	TERMN	9,6979	52-1	0,1
52	0	GRADTP	12,1813	52-1	0
52	0,1	GRADTP	12,9653	52-1	0,1
52	0	GRADTN	-12,1813	52-1	0
52	0,1	GRADTN	-12,9653	52-1	0,1
52	0	LM71C	-0,4269	52-1	0
52	0,1	LM71C	1,678	52-1	0,1
52	0	STLM71	1,9052	52-1	0
52	0,1	STLM71	1,6388	52-1	0,1
52	0	AVVLM71	9,6143	52-1	0
52	0,1	AVVLM71	8,6247	52-1	0,1
52	0	SW2	-0,4269	52-1	0
52	0,1	SW2	1,678	52-1	0,1
52	0	STSW2	1,9052	52-1	0
52	0,1	STSW2	1,6388	52-1	0,1
52	0	FRENSW2	10,1949	52-1	0
52	0,1	FRENSW2	9,1455	52-1	0,1
52	0	SERP	0	52-1	0
52	0,1	SERP	0	52-1	0,1
52	0	INCRTER	11,5854	52-1	0
52	0,1	INCRTER	9,9652	52-1	0,1
52	0	LM71SISO	1,9391	52-1	0
52	0,1	LM71SISO	1,7395	52-1	0,1
52	0	SW2SISO	2,9029	52-1	0
52	0,1	SW2SISO	2,6041	52-1	0,1
52	0	SISMAO	4,8399	52-1	0
52	0,1	SISMAO	4,316	52-1	0,1
52	0	LM71SVA	0,0089	52-1	0
52	0,1	LM71SVA	-0,0348	52-1	0,1
52	0	SW2SVA	0,0132	52-1	0
52	0,1	SW2SVA	-0,052	52-1	0,1
52	0	SISMAVA	-0,0749	52-1	0
52	0,1	SISMAVA	-1,9979	52-1	0,1
52	0	LM71SVB	-0,0089	52-1	0
52	0,1	LM71SVB	0,0348	52-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
52	0	SW2SVB	-0,0132	52-1	0
52	0,1	SW2SVB	0,052	52-1	0,1
52	0	SISMAVB	0,0749	52-1	0
52	0,1	SISMAVB	1,9979	52-1	0,1
52	0	LM71SX	-0,3044	52-1	0
52	0,1	LM71SX	2,0511	52-1	0,1
52	0	LM71DX	-0,1225	52-1	0
52	0,1	LM71DX	-0,3731	52-1	0,1
53	0	PP	2,3353	53-1	0
53	0,3	PP	2,0721	53-1	0,3
53	0,6	PP	0,9091	53-1	0,6
53	0	REINTSUP	9,3296	53-1	0
53	0,3	REINTSUP	31,0948	53-1	0,3
53	0,6	REINTSUP	32,844	53-1	0,6
53	0	BALLAST	0,6041	53-1	0
53	0,3	BALLAST	2,0133	53-1	0,3
53	0,6	BALLAST	2,1266	53-1	0,6
53	0	STERRASX	11,3729	53-1	0
53	0,3	STERRASX	5,6881	53-1	0,3
53	0,6	STERRASX	0,0034	53-1	0,6
53	0	STERRADX	-42,5257	53-1	0
53	0,3	STERRADX	-26,2856	53-1	0,3
53	0,6	STERRADX	-10,0456	53-1	0,6
53	0	TERMP	-3,2326	53-1	0
53	0,3	TERMP	-2,9982	53-1	0,3
53	0,6	TERMP	-2,7637	53-1	0,6
53	0	TERMN	9,6979	53-1	0
53	0,3	TERMN	8,9945	53-1	0,3
53	0,6	TERMN	8,2912	53-1	0,6
53	0	GRADTF	12,9653	53-1	0
53	0,3	GRADTF	15,3175	53-1	0,3
53	0,6	GRADTF	17,6696	53-1	0,6
53	0	GRADTN	-12,9653	53-1	0
53	0,3	GRADTN	-15,3175	53-1	0,3
53	0,6	GRADTN	-17,6696	53-1	0,6
53	0	LM71C	1,678	53-1	0
53	0,3	LM71C	5,5926	53-1	0,3
53	0,6	LM71C	5,9072	53-1	0,6
53	0	STLM71	1,6388	53-1	0
53	0,3	STLM71	0,8395	53-1	0,3
53	0,6	STLM71	0,0402	53-1	0,6
53	0	AVVLM71	8,6247	53-1	0
53	0,3	AVVLM71	5,6557	53-1	0,3
53	0,6	AVVLM71	2,6867	53-1	0,6
53	0	SW2	1,678	53-1	0
53	0,3	SW2	5,5926	53-1	0,3
53	0,6	SW2	5,9072	53-1	0,6
53	0	STSW2	1,6388	53-1	0
53	0,3	STSW2	0,8395	53-1	0,3
53	0,6	STSW2	0,0402	53-1	0,6
53	0	FRENSW2	9,1455	53-1	0
53	0,3	FRENSW2	5,9972	53-1	0,3
53	0,6	FRENSW2	2,8489	53-1	0,6
53	0	SERP	0	53-1	0
53	0,3	SERP	0	53-1	0,3
53	0,6	SERP	0	53-1	0,6
53	0	INCRTER	9,9652	53-1	0
53	0,3	INCRTER	5,1048	53-1	0,3
53	0,6	INCRTER	0,2443	53-1	0,6
53	0	LM71SISO	1,7395	53-1	0
53	0,3	LM71SISO	1,1407	53-1	0,3
53	0,6	LM71SISO	0,5419	53-1	0,6
53	0	SW2SISO	2,6041	53-1	0
53	0,3	SW2SISO	1,7076	53-1	0,3
53	0,6	SW2SISO	0,8112	53-1	0,6
53	0	SISMAO	4,316	53-1	0
53	0,3	SISMAO	2,7442	53-1	0,3
53	0,6	SISMAO	1,1725	53-1	0,6

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
53	0	LM71SVA	-0,0348	53-1	0
53	0,3	LM71SVA	-0,116	53-1	0,3
53	0,6	LM71SVA	-0,1226	53-1	0,6
53	0	SW2SVA	-0,052	53-1	0
53	0,3	SW2SVA	-0,1734	53-1	0,3
53	0,6	SW2SVA	-0,1831	53-1	0,6
53	0	SISMAVA	-1,9979	53-1	0
53	0,3	SISMAVA	-5,4721	53-1	0,3
53	0,6	SISMAVA	-5,5037	53-1	0,6
53	0	LM71SVB	0,0348	53-1	0
53	0,3	LM71SVB	0,116	53-1	0,3
53	0,6	LM71SVB	0,1226	53-1	0,6
53	0	SW2SVB	0,052	53-1	0
53	0,3	SW2SVB	0,1734	53-1	0,3
53	0,6	SW2SVB	0,1831	53-1	0,6
53	0	SISMAVB	1,9979	53-1	0
53	0,3	SISMAVB	5,4721	53-1	0,3
53	0,6	SISMAVB	5,5037	53-1	0,6
53	0	LM71SX	2,0511	53-1	0
53	0,3	LM71SX	6,7175	53-1	0,3
53	0,6	LM71SX	7,784	53-1	0,6
53	0	LM71DX	-0,3731	53-1	0
53	0,3	LM71DX	-1,1249	53-1	0,3
53	0,6	LM71DX	-1,8768	53-1	0,6
54	0	PP	0,9091	54-1	0
54	0,3	PP	-1,1535	54-1	0,3
54	0,6	PP	-4,1159	54-1	0,6
54	0	REINTSUP	32,844	54-1	0
54	0,3	REINTSUP	14,5772	54-1	0,3
54	0,6	REINTSUP	-23,7056	54-1	0,6
54	0	BALLAST	2,1266	54-1	0
54	0,3	BALLAST	0,9438	54-1	0,3
54	0,6	BALLAST	-1,5349	54-1	0,6
54	0	STERRASX	0,0034	54-1	0
54	0,3	STERRASX	-5,6814	54-1	0,3
54	0,6	STERRASX	-11,3661	54-1	0,6
54	0	STERRADX	-10,0456	54-1	0
54	0,3	STERRADX	6,1944	54-1	0,3
54	0,6	STERRADX	22,4345	54-1	0,6
54	0	TERMP	-2,7637	54-1	0
54	0,3	TERMP	-2,5293	54-1	0,3
54	0,6	TERMP	-2,2948	54-1	0,6
54	0	TERMN	8,2912	54-1	0
54	0,3	TERMN	7,5878	54-1	0,3
54	0,6	TERMN	6,8844	54-1	0,6
54	0	GRADTP	17,6696	54-1	0
54	0,3	GRADTP	20,0218	54-1	0,3
54	0,6	GRADTP	22,3739	54-1	0,6
54	0	GRADTN	-17,6696	54-1	0
54	0,3	GRADTN	-20,0218	54-1	0,3
54	0,6	GRADTN	-22,3739	54-1	0,6
54	0	LM71C	5,9072	54-1	0
54	0,3	LM71C	2,6218	54-1	0,3
54	0,6	LM71C	-4,2636	54-1	0,6
54	0	STLM71	0,0402	54-1	0
54	0,3	STLM71	-0,7591	54-1	0,3
54	0,6	STLM71	-1,5584	54-1	0,6
54	0	AVVLM71	2,6867	54-1	0
54	0,3	AVVLM71	-0,2823	54-1	0,3
54	0,6	AVVLM71	-3,2513	54-1	0,6
54	0	SW2	5,9072	54-1	0
54	0,3	SW2	2,6218	54-1	0,3
54	0,6	SW2	-4,2636	54-1	0,6
54	0	STSW2	0,0402	54-1	0
54	0,3	STSW2	-0,7591	54-1	0,3
54	0,6	STSW2	-1,5584	54-1	0,6
54	0	FRENSW2	2,8489	54-1	0
54	0,3	FRENSW2	-0,2994	54-1	0,3

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
54	0,6	FRENSW2	-3,4476	54-1	0,6
54	0	SERP	0	54-1	0
54	0,3	SERP	0	54-1	0,3
54	0,6	SERP	0	54-1	0,6
54	0	INCRTER	0,2443	54-1	0
54	0,3	INCRTER	-4,6162	54-1	0,3
54	0,6	INCRTER	-9,4766	54-1	0,6
54	0	LM71SISO	0,5419	54-1	0
54	0,3	LM71SISO	-0,0569	54-1	0,3
54	0,6	LM71SISO	-0,6558	54-1	0,6
54	0	SW2SISO	0,8112	54-1	0
54	0,3	SW2SISO	-0,0852	54-1	0,3
54	0,6	SW2SISO	-0,9817	54-1	0,6
54	0	SISMAO	1,1725	54-1	0
54	0,3	SISMAO	-0,3992	54-1	0,3
54	0,6	SISMAO	-1,971	54-1	0,6
54	0	LM71SVA	-0,1226	54-1	0
54	0,3	LM71SVA	-0,0544	54-1	0,3
54	0,6	LM71SVA	0,0885	54-1	0,6
54	0	SW2SVA	-0,1831	54-1	0
54	0,3	SW2SVA	-0,0813	54-1	0,3
54	0,6	SW2SVA	0,1322	54-1	0,6
54	0	SISMAVA	-5,5037	54-1	0
54	0,3	SISMAVA	-2,0929	54-1	0,3
54	0,6	SISMAVA	4,7604	54-1	0,6
54	0	LM71SVB	0,1226	54-1	0
54	0,3	LM71SVB	0,0544	54-1	0,3
54	0,6	LM71SVB	-0,0885	54-1	0,6
54	0	SW2SVB	0,1831	54-1	0
54	0,3	SW2SVB	0,0813	54-1	0,3
54	0,6	SW2SVB	-0,1322	54-1	0,6
54	0	SISMAVB	5,5037	54-1	0
54	0,3	SISMAVB	2,0929	54-1	0,3
54	0,6	SISMAVB	-4,7604	54-1	0,6
54	0	LM71SX	7,784	54-1	0
54	0,3	LM71SX	5,2504	54-1	0,3
54	0,6	LM71SX	-0,8831	54-1	0,6
54	0	LM71DX	-1,8768	54-1	0
54	0,3	LM71DX	-2,6287	54-1	0,3
54	0,6	LM71DX	-3,3805	54-1	0,6
55	0	PP	-4,1159	55-1	0
55	0,075	PP	-4,9971	55-1	0,075
55	0	REINTSUP	-23,7056	55-1	0
55	0,075	REINTSUP	-36,4039	55-1	0,075
55	0	BALLAST	-1,5349	55-1	0
55	0,075	BALLAST	-2,3571	55-1	0,075
55	0	STERRASX	-11,3661	55-1	0
55	0,075	STERRASX	-12,7873	55-1	0,075
55	0	STERRADX	22,4345	55-1	0
55	0,075	STERRADX	26,4945	55-1	0,075
55	0	TERMP	-2,2948	55-1	0
55	0,075	TERMP	-2,2362	55-1	0,075
55	0	TERMN	6,8844	55-1	0
55	0,075	TERMN	6,7086	55-1	0,075
55	0	GRADTP	22,3739	55-1	0
55	0,075	GRADTP	22,962	55-1	0,075
55	0	GRADTN	-22,3739	55-1	0
55	0,075	GRADTN	-22,962	55-1	0,075
55	0	LM71C	-4,2636	55-1	0
55	0,075	LM71C	-6,5475	55-1	0,075
55	0	STLM71	-1,5584	55-1	0
55	0,075	STLM71	-1,7582	55-1	0,075
55	0	AVVLM71	-3,2513	55-1	0
55	0,075	AVVLM71	-3,9936	55-1	0,075
55	0	SW2	-4,2636	55-1	0
55	0,075	SW2	-6,5475	55-1	0,075
55	0	STSW2	-1,5584	55-1	0
55	0,075	STSW2	-1,7582	55-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
55	0	FRENSW2	-3,4476	55-1	0
55	0,075	FRENSW2	-4,2347	55-1	0,075
55	0	SERP	0	55-1	0
55	0,075	SERP	0	55-1	0,075
55	0	INCRTER	-9,4766	55-1	0
55	0,075	INCRTER	-10,6917	55-1	0,075
55	0	LM71SISO	-0,6558	55-1	0
55	0,075	LM71SISO	-0,8055	55-1	0,075
55	0	SW2SISO	-0,9817	55-1	0
55	0,075	SW2SISO	-1,2058	55-1	0,075
55	0	SISMAO	-1,971	55-1	0
55	0,075	SISMAO	-2,3639	55-1	0,075
55	0	LM71SVA	0,0885	55-1	0
55	0,075	LM71SVA	0,1359	55-1	0,075
55	0	SW2SVA	0,1322	55-1	0
55	0,075	SW2SVA	0,203	55-1	0,075
55	0	SISMAVA	4,7604	55-1	0
55	0,075	SISMAVA	7,0117	55-1	0,075
55	0	LM71SVB	-0,0885	55-1	0
55	0,075	LM71SVB	-0,1359	55-1	0,075
55	0	SW2SVB	-0,1322	55-1	0
55	0,075	SW2SVB	-0,203	55-1	0,075
55	0	SISMAVB	-4,7604	55-1	0
55	0,075	SISMAVB	-7,0117	55-1	0,075
55	0	LM71SX	-0,8831	55-1	0
55	0,075	LM71SX	-2,979	55-1	0,075
55	0	LM71DX	-3,3805	55-1	0
55	0,075	LM71DX	-3,5685	55-1	0,075
56	0	PP	-4,9971	56-1	0
56	0,075	PP	-5,9345	56-1	0,075
56	0	REINTSUP	-36,4039	56-1	0
56	0,075	REINTSUP	-50,3531	56-1	0,075
56	0	BALLAST	-2,3571	56-1	0
56	0,075	BALLAST	-3,2603	56-1	0,075
56	0	STERRASX	-12,7873	56-1	0
56	0,075	STERRASX	-14,2085	56-1	0,075
56	0	STERRADX	26,4945	56-1	0
56	0,075	STERRADX	30,5545	56-1	0,075
56	0	TERMP	-2,2362	56-1	0
56	0,075	TERMP	-2,1776	56-1	0,075
56	0	TERMN	6,7086	56-1	0
56	0,075	TERMN	6,5328	56-1	0,075
56	0	GRADTP	22,962	56-1	0
56	0,075	GRADTP	23,55	56-1	0,075
56	0	GRADTN	-22,962	56-1	0
56	0,075	GRADTN	-23,55	56-1	0,075
56	0	LM71C	-6,5475	56-1	0
56	0,075	LM71C	-9,0563	56-1	0,075
56	0	STLM71	-1,7582	56-1	0
56	0,075	STLM71	-1,9581	56-1	0,075
56	0	AVVLM71	-3,9936	56-1	0
56	0,075	AVVLM71	-4,7358	56-1	0,075
56	0	SW2	-6,5475	56-1	0
56	0,075	SW2	-9,0563	56-1	0,075
56	0	STSW2	-1,7582	56-1	0
56	0,075	STSW2	-1,9581	56-1	0,075
56	0	FRENSW2	-4,2347	56-1	0
56	0,075	FRENSW2	-5,0218	56-1	0,075
56	0	SERP	0	56-1	0
56	0,075	SERP	0	56-1	0,075
56	0	INCRTER	-10,6917	56-1	0
56	0,075	INCRTER	-11,9068	56-1	0,075
56	0	LM71SISO	-0,8055	56-1	0
56	0,075	LM71SISO	-0,9552	56-1	0,075
56	0	SW2SISO	-1,2058	56-1	0
56	0,075	SW2SISO	-1,4299	56-1	0,075
56	0	SISMAO	-2,3639	56-1	0
56	0,075	SISMAO	-2,7568	56-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
56	0	LM71SVA	0,1359	56-1	0
56	0,075	LM71SVA	0,1879	56-1	0,075
56	0	SW2SVA	0,203	56-1	0
56	0,075	SW2SVA	0,2807	56-1	0,075
56	0	SISMAVA	7,0117	56-1	0
56	0,075	SISMAVA	9,478	56-1	0,075
56	0	LM71SVB	-0,1359	56-1	0
56	0,075	LM71SVB	-0,1879	56-1	0,075
56	0	SW2SVB	-0,203	56-1	0
56	0,075	SW2SVB	-0,2807	56-1	0,075
56	0	SISMAVB	-7,0117	56-1	0
56	0,075	SISMAVB	-9,478	56-1	0,075
56	0	LM71SX	-2,979	56-1	0
56	0,075	LM71SX	-5,2999	56-1	0,075
56	0	LM71DX	-3,5685	56-1	0
56	0,075	LM71DX	-3,7564	56-1	0,075
57	0	PP	-5,9345	57-1	0
57	0,075	PP	-4,9971	57-1	0,075
57	0	REINTSUP	-50,3531	57-1	0
57	0,075	REINTSUP	-36,4039	57-1	0,075
57	0	BALLAST	-3,2603	57-1	0
57	0,075	BALLAST	-2,3571	57-1	0,075
57	0	STERRASX	30,5545	57-1	0
57	0,075	STERRASX	26,4945	57-1	0,075
57	0	STERRADX	-14,2085	57-1	0
57	0,075	STERRADX	-12,7873	57-1	0,075
57	0	TERMP	-2,1776	57-1	0
57	0,075	TERMP	-2,2362	57-1	0,075
57	0	TERMN	6,5328	57-1	0
57	0,075	TERMN	6,7086	57-1	0,075
57	0	GRADTP	23,55	57-1	0
57	0,075	GRADTP	22,962	57-1	0,075
57	0	GRADTN	-23,55	57-1	0
57	0,075	GRADTN	-22,962	57-1	0,075
57	0	LM71C	-9,0563	57-1	0
57	0,075	LM71C	-6,5475	57-1	0,075
57	0	STLM71	4,0569	57-1	0
57	0,075	STLM71	3,5148	57-1	0,075
57	0	AVVLM71	4,7358	57-1	0
57	0,075	AVVLM71	3,9936	57-1	0,075
57	0	SW2	-9,0563	57-1	0
57	0,075	SW2	-6,5475	57-1	0,075
57	0	STSW2	4,0569	57-1	0
57	0,075	STSW2	3,5148	57-1	0,075
57	0	FRENSW2	5,0218	57-1	0
57	0,075	FRENSW2	4,2347	57-1	0,075
57	0	SERP	0	57-1	0
57	0,075	SERP	0	57-1	0,075
57	0	INCRTER	24,6699	57-1	0
57	0,075	INCRTER	21,3736	57-1	0,075
57	0	LM71SISO	0,9552	57-1	0
57	0,075	LM71SISO	0,8055	57-1	0,075
57	0	SW2SISO	1,4299	57-1	0
57	0,075	SW2SISO	1,2058	57-1	0,075
57	0	SISMAO	2,7568	57-1	0
57	0,075	SISMAO	2,3639	57-1	0,075
57	0	LM71SVA	0,1879	57-1	0
57	0,075	LM71SVA	0,1359	57-1	0,075
57	0	SW2SVA	0,2807	57-1	0
57	0,075	SW2SVA	0,203	57-1	0,075
57	0	SISMAVA	9,478	57-1	0
57	0,075	SISMAVA	7,0117	57-1	0,075
57	0	LM71SVB	-0,1879	57-1	0
57	0,075	LM71SVB	-0,1359	57-1	0,075
57	0	SW2SVB	-0,2807	57-1	0
57	0,075	SW2SVB	-0,203	57-1	0,075
57	0	SISMAVB	-9,478	57-1	0
57	0,075	SISMAVB	-7,0117	57-1	0,075

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
57	0	LM71SX	-3,7564	57-1	0
57	0,075	LM71SX	-3,5685	57-1	0,075
57	0	LM71DX	-5,2999	57-1	0
57	0,075	LM71DX	-2,979	57-1	0,075
58	0	PP	-4,9971	58-1	0
58	0,075	PP	-4,1159	58-1	0,075
58	0	REINTSUP	-36,4039	58-1	0
58	0,075	REINTSUP	-23,7056	58-1	0,075
58	0	BALLAST	-2,3571	58-1	0
58	0,075	BALLAST	-1,5349	58-1	0,075
58	0	STERRASX	26,4945	58-1	0
58	0,075	STERRASX	22,4345	58-1	0,075
58	0	STERRADX	-12,7873	58-1	0
58	0,075	STERRADX	-11,3661	58-1	0,075
58	0	TERMP	-2,2362	58-1	0
58	0,075	TERMP	-2,2948	58-1	0,075
58	0	TERMN	6,7086	58-1	0
58	0,075	TERMN	6,8844	58-1	0,075
58	0	GRADTP	22,962	58-1	0
58	0,075	GRADTP	22,3739	58-1	0,075
58	0	GRADTN	-22,962	58-1	0
58	0,075	GRADTN	-22,3739	58-1	0,075
58	0	LM71C	-6,5475	58-1	0
58	0,075	LM71C	-4,2636	58-1	0,075
58	0	STLM71	3,5148	58-1	0
58	0,075	STLM71	2,9728	58-1	0,075
58	0	AVVLM71	3,9936	58-1	0
58	0,075	AVVLM71	3,2513	58-1	0,075
58	0	SW2	-6,5475	58-1	0
58	0,075	SW2	-4,2636	58-1	0,075
58	0	STSW2	3,5148	58-1	0
58	0,075	STSW2	2,9728	58-1	0,075
58	0	FRENSW2	4,2347	58-1	0
58	0,075	FRENSW2	3,4476	58-1	0,075
58	0	SERP	0	58-1	0
58	0,075	SERP	0	58-1	0,075
58	0	INCRTER	21,3736	58-1	0
58	0,075	INCRTER	18,0772	58-1	0,075
58	0	LM71SISO	0,8055	58-1	0
58	0,075	LM71SISO	0,6558	58-1	0,075
58	0	SW2SISO	1,2058	58-1	0
58	0,075	SW2SISO	0,9817	58-1	0,075
58	0	SISMAO	2,3639	58-1	0
58	0,075	SISMAO	1,971	58-1	0,075
58	0	LM71SVA	0,1359	58-1	0
58	0,075	LM71SVA	0,0885	58-1	0,075
58	0	SW2SVA	0,203	58-1	0
58	0,075	SW2SVA	0,1322	58-1	0,075
58	0	SISMAVA	7,0117	58-1	0
58	0,075	SISMAVA	4,7604	58-1	0,075
58	0	LM71SVB	-0,1359	58-1	0
58	0,075	LM71SVB	-0,0885	58-1	0,075
58	0	SW2SVB	-0,203	58-1	0
58	0,075	SW2SVB	-0,1322	58-1	0,075
58	0	SISMAVB	-7,0117	58-1	0
58	0,075	SISMAVB	-4,7604	58-1	0,075
58	0	LM71SX	-3,5685	58-1	0
58	0,075	LM71SX	-3,3805	58-1	0,075
58	0	LM71DX	-2,979	58-1	0
58	0,075	LM71DX	-0,8831	58-1	0,075
59	0	PP	-4,1159	59-1	0
59	0,3	PP	-1,1535	59-1	0,3
59	0,6	PP	0,9091	59-1	0,6
59	0	REINTSUP	-23,7056	59-1	0
59	0,3	REINTSUP	14,5772	59-1	0,3
59	0,6	REINTSUP	32,844	59-1	0,6
59	0	BALLAST	-1,5349	59-1	0
59	0,3	BALLAST	0,9438	59-1	0,3

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
59	0,6	BALLAST	2,1266	59-1	0,6
59	0	STERRASX	22,4345	59-1	0
59	0,3	STERRASX	6,1944	59-1	0,3
59	0,6	STERRASX	-10,0456	59-1	0,6
59	0	STERRADX	-11,3661	59-1	0
59	0,3	STERRADX	-5,6814	59-1	0,3
59	0,6	STERRADX	0,0034	59-1	0,6
59	0	TERMP	-2,2948	59-1	0
59	0,3	TERMP	-2,5293	59-1	0,3
59	0,6	TERMP	-2,7637	59-1	0,6
59	0	TERMN	6,8844	59-1	0
59	0,3	TERMN	7,5878	59-1	0,3
59	0,6	TERMN	8,2912	59-1	0,6
59	0	GRADTP	22,3739	59-1	0
59	0,3	GRADTP	20,0218	59-1	0,3
59	0,6	GRADTP	17,6696	59-1	0,6
59	0	GRADTN	-22,3739	59-1	0
59	0,3	GRADTN	-20,0218	59-1	0,3
59	0,6	GRADTN	-17,6696	59-1	0,6
59	0	LM71C	-4,2636	59-1	0
59	0,3	LM71C	2,6218	59-1	0,3
59	0,6	LM71C	5,9072	59-1	0,6
59	0	STLM71	2,9728	59-1	0
59	0,3	STLM71	0,8045	59-1	0,3
59	0,6	STLM71	-1,3638	59-1	0,6
59	0	AVVLM71	3,2513	59-1	0
59	0,3	AVVLM71	0,2823	59-1	0,3
59	0,6	AVVLM71	-2,6867	59-1	0,6
59	0	SW2	-4,2636	59-1	0
59	0,3	SW2	2,6218	59-1	0,3
59	0,6	SW2	5,9072	59-1	0,6
59	0	STSW2	2,9728	59-1	0
59	0,3	STSW2	0,8045	59-1	0,3
59	0,6	STSW2	-1,3638	59-1	0,6
59	0	FRENSW2	3,4476	59-1	0
59	0,3	FRENSW2	0,2994	59-1	0,3
59	0,6	FRENSW2	-2,8489	59-1	0,6
59	0	SERP	0	59-1	0
59	0,3	SERP	0	59-1	0,3
59	0,6	SERP	0	59-1	0,6
59	0	INCRTER	18,0772	59-1	0
59	0,3	INCRTER	4,892	59-1	0,3
59	0,6	INCRTER	-8,2932	59-1	0,6
59	0	LM71SISO	0,6558	59-1	0
59	0,3	LM71SISO	0,0569	59-1	0,3
59	0,6	LM71SISO	-0,5419	59-1	0,6
59	0	SW2SISO	0,9817	59-1	0
59	0,3	SW2SISO	0,0852	59-1	0,3
59	0,6	SW2SISO	-0,8112	59-1	0,6
59	0	SISMAO	1,971	59-1	0
59	0,3	SISMAO	0,3992	59-1	0,3
59	0,6	SISMAO	-1,1725	59-1	0,6
59	0	LM71SVA	0,0885	59-1	0
59	0,3	LM71SVA	-0,0544	59-1	0,3
59	0,6	LM71SVA	-0,1226	59-1	0,6
59	0	SW2SVA	0,1322	59-1	0
59	0,3	SW2SVA	-0,0813	59-1	0,3
59	0,6	SW2SVA	-0,1831	59-1	0,6
59	0	SISMAVA	4,7604	59-1	0
59	0,3	SISMAVA	-2,0929	59-1	0,3
59	0,6	SISMAVA	-5,5037	59-1	0,6
59	0	LM71SVB	-0,0885	59-1	0
59	0,3	LM71SVB	0,0544	59-1	0,3
59	0,6	LM71SVB	0,1226	59-1	0,6
59	0	SW2SVB	-0,1322	59-1	0
59	0,3	SW2SVB	0,0813	59-1	0,3
59	0,6	SW2SVB	0,1831	59-1	0,6
59	0	SISMAVB	-4,7604	59-1	0

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
59	0,3	SISMAVB	2,0929	59-1	0,3
59	0,6	SISMAVB	5,5037	59-1	0,6
59	0	LM71SX	-3,3805	59-1	0
59	0,3	LM71SX	-2,6287	59-1	0,3
59	0,6	LM71SX	-1,8768	59-1	0,6
59	0	LM71DX	-0,8831	59-1	0
59	0,3	LM71DX	5,2504	59-1	0,3
59	0,6	LM71DX	7,784	59-1	0,6
60	0	PP	0,9091	60-1	0
60	0,3	PP	2,0721	60-1	0,3
60	0,6	PP	2,3353	60-1	0,6
60	0	REINTSUP	32,844	60-1	0
60	0,3	REINTSUP	31,0948	60-1	0,3
60	0,6	REINTSUP	9,3296	60-1	0,6
60	0	BALLAST	2,1266	60-1	0
60	0,3	BALLAST	2,0133	60-1	0,3
60	0,6	BALLAST	0,6041	60-1	0,6
60	0	STERRASX	-10,0456	60-1	0
60	0,3	STERRASX	-26,2856	60-1	0,3
60	0,6	STERRASX	-42,5257	60-1	0,6
60	0	STERRADX	0,0034	60-1	0
60	0,3	STERRADX	5,6881	60-1	0,3
60	0,6	STERRADX	11,3729	60-1	0,6
60	0	TERMP	-2,7637	60-1	0
60	0,3	TERMP	-2,9982	60-1	0,3
60	0,6	TERMP	-3,2326	60-1	0,6
60	0	TERMN	8,2912	60-1	0
60	0,3	TERMN	8,9945	60-1	0,3
60	0,6	TERMN	9,6979	60-1	0,6
60	0	GRADTF	17,6696	60-1	0
60	0,3	GRADTF	15,3175	60-1	0,3
60	0,6	GRADTF	12,9653	60-1	0,6
60	0	GRADTN	-17,6696	60-1	0
60	0,3	GRADTN	-15,3175	60-1	0,3
60	0,6	GRADTN	-12,9653	60-1	0,6
60	0	LM71C	5,9072	60-1	0
60	0,3	LM71C	5,5926	60-1	0,3
60	0,6	LM71C	1,678	60-1	0,6
60	0	STLM71	-1,3638	60-1	0
60	0,3	STLM71	-3,5321	60-1	0,3
60	0,6	STLM71	-5,7004	60-1	0,6
60	0	AVVLM71	-2,6867	60-1	0
60	0,3	AVVLM71	-5,6557	60-1	0,3
60	0,6	AVVLM71	-8,6247	60-1	0,6
60	0	SW2	5,9072	60-1	0
60	0,3	SW2	5,5926	60-1	0,3
60	0,6	SW2	1,678	60-1	0,6
60	0	STSW2	-1,3638	60-1	0
60	0,3	STSW2	-3,5321	60-1	0,3
60	0,6	STSW2	-5,7004	60-1	0,6
60	0	FRENSW2	-2,8489	60-1	0
60	0,3	FRENSW2	-5,9972	60-1	0,3
60	0,6	FRENSW2	-9,1455	60-1	0,6
60	0	SERP	0	60-1	0
60	0,3	SERP	0	60-1	0,3
60	0,6	SERP	0	60-1	0,6
60	0	INCRTER	-8,2932	60-1	0
60	0,3	INCRTER	-21,4784	60-1	0,3
60	0,6	INCRTER	-34,6636	60-1	0,6
60	0	LM71SISO	-0,5419	60-1	0
60	0,3	LM71SISO	-1,1407	60-1	0,3
60	0,6	LM71SISO	-1,7395	60-1	0,6
60	0	SW2SISO	-0,8112	60-1	0
60	0,3	SW2SISO	-1,7076	60-1	0,3
60	0,6	SW2SISO	-2,6041	60-1	0,6
60	0	SISMAO	-1,1725	60-1	0
60	0,3	SISMAO	-2,7442	60-1	0,3
60	0,6	SISMAO	-4,316	60-1	0,6

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
60	0	LM71SVA	-0,1226	60-1	0
60	0,3	LM71SVA	-0,116	60-1	0,3
60	0,6	LM71SVA	-0,0348	60-1	0,6
60	0	SW2SVA	-0,1831	60-1	0
60	0,3	SW2SVA	-0,1734	60-1	0,3
60	0,6	SW2SVA	-0,052	60-1	0,6
60	0	SISMAVA	-5,5037	60-1	0
60	0,3	SISMAVA	-5,4721	60-1	0,3
60	0,6	SISMAVA	-1,9979	60-1	0,6
60	0	LM71SVB	0,1226	60-1	0
60	0,3	LM71SVB	0,116	60-1	0,3
60	0,6	LM71SVB	0,0348	60-1	0,6
60	0	SW2SVB	0,1831	60-1	0
60	0,3	SW2SVB	0,1734	60-1	0,3
60	0,6	SW2SVB	0,052	60-1	0,6
60	0	SISMAVB	5,5037	60-1	0
60	0,3	SISMAVB	5,4721	60-1	0,3
60	0,6	SISMAVB	1,9979	60-1	0,6
60	0	LM71SX	-1,8768	60-1	0
60	0,3	LM71SX	-1,1249	60-1	0,3
60	0,6	LM71SX	-0,3731	60-1	0,6
60	0	LM71DX	7,784	60-1	0
60	0,3	LM71DX	6,7175	60-1	0,3
60	0,6	LM71DX	2,0511	60-1	0,6
61	0	PP	2,3353	61-1	0
61	0,1	PP	2,2231	61-1	0,1
61	0	REINTSUP	9,3296	61-1	0
61	0,1	REINTSUP	-2,3735	61-1	0,1
61	0	BALLAST	0,6041	61-1	0
61	0,1	BALLAST	-0,1537	61-1	0,1
61	0	STERRASX	-42,5257	61-1	0
61	0,1	STERRASX	-47,939	61-1	0,1
61	0	STERRADX	11,3729	61-1	0
61	0,1	STERRADX	13,2678	61-1	0,1
61	0	TERMP	-3,2326	61-1	0
61	0,1	TERMP	-3,3108	61-1	0,1
61	0	TERMN	9,6979	61-1	0
61	0,1	TERMN	9,9324	61-1	0,1
61	0	GRADTP	12,9653	61-1	0
61	0,1	GRADTP	12,1813	61-1	0,1
61	0	GRADTN	-12,9653	61-1	0
61	0,1	GRADTN	-12,1813	61-1	0,1
61	0	LM71C	1,678	61-1	0
61	0,1	LM71C	-0,4269	61-1	0,1
61	0	STLM71	-5,7004	61-1	0
61	0,1	STLM71	-6,4231	61-1	0,1
61	0	AVVLM71	-8,6247	61-1	0
61	0,1	AVVLM71	-9,6143	61-1	0,1
61	0	SW2	1,678	61-1	0
61	0,1	SW2	-0,4269	61-1	0,1
61	0	STSW2	-5,7004	61-1	0
61	0,1	STSW2	-6,4231	61-1	0,1
61	0	FRENSW2	-9,1455	61-1	0
61	0,1	FRENSW2	-10,1949	61-1	0,1
61	0	SERP	0	61-1	0
61	0,1	SERP	0	61-1	0,1
61	0	INCRTER	-34,6636	61-1	0
61	0,1	INCRTER	-39,0587	61-1	0,1
61	0	LM71SISO	-1,7395	61-1	0
61	0,1	LM71SISO	-1,9391	61-1	0,1
61	0	SW2SISO	-2,6041	61-1	0
61	0,1	SW2SISO	-2,9029	61-1	0,1
61	0	SISMAO	-4,316	61-1	0
61	0,1	SISMAO	-4,8399	61-1	0,1
61	0	LM71SVA	-0,0348	61-1	0
61	0,1	LM71SVA	0,0089	61-1	0,1
61	0	SW2SVA	-0,052	61-1	0
61	0,1	SW2SVA	0,0132	61-1	0,1

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Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
61	0	SISMAVA	-1,9979	61-1	0
61	0,1	SISMAVA	-0,0749	61-1	0,1
61	0	LM71SVB	0,0348	61-1	0
61	0,1	LM71SVB	-0,0089	61-1	0,1
61	0	SW2SVB	0,052	61-1	0
61	0,1	SW2SVB	-0,0132	61-1	0,1
61	0	SISMAVB	1,9979	61-1	0
61	0,1	SISMAVB	0,0749	61-1	0,1
61	0	LM71SX	-0,3731	61-1	0
61	0,1	LM71SX	-0,1225	61-1	0,1
61	0	LM71DX	2,0511	61-1	0
61	0,1	LM71DX	-0,3044	61-1	0,1
62	0	PP	2,2231	62-1	0
62	0,1	PP	2,0109	62-1	0,1
62	0	REINTSUP	-2,3735	62-1	0
62	0,1	REINTSUP	-16,3005	62-1	0,1
62	0	BALLAST	-0,1537	62-1	0
62	0,1	BALLAST	-1,0554	62-1	0,1
62	0	STERRASX	-47,939	62-1	0
62	0,1	STERRASX	-53,3524	62-1	0,1
62	0	STERRADX	13,2678	62-1	0
62	0,1	STERRADX	15,1627	62-1	0,1
62	0	TERMP	-3,3108	62-1	0
62	0,1	TERMP	-3,3889	62-1	0,1
62	0	TERMN	9,9324	62-1	0
62	0,1	TERMN	10,1668	62-1	0,1
62	0	GRADTP	12,1813	62-1	0
62	0,1	GRADTP	11,3972	62-1	0,1
62	0	GRADTN	-12,1813	62-1	0
62	0,1	GRADTN	-11,3972	62-1	0,1
62	0	LM71C	-0,4269	62-1	0
62	0,1	LM71C	-2,9317	62-1	0,1
62	0	STLM71	-6,4231	62-1	0
62	0,1	STLM71	-7,1459	62-1	0,1
62	0	AVVLM71	-9,6143	62-1	0
62	0,1	AVVLM71	-10,604	62-1	0,1
62	0	SW2	-0,4269	62-1	0
62	0,1	SW2	-2,9317	62-1	0,1
62	0	STSW2	-6,4231	62-1	0
62	0,1	STSW2	-7,1459	62-1	0,1
62	0	FRENSW2	-10,1949	62-1	0
62	0,1	FRENSW2	-11,2443	62-1	0,1
62	0	SERP	0	62-1	0
62	0,1	SERP	0	62-1	0,1
62	0	INCRTER	-39,0587	62-1	0
62	0,1	INCRTER	-43,4538	62-1	0,1
62	0	LM71SISO	-1,9391	62-1	0
62	0,1	LM71SISO	-2,1387	62-1	0,1
62	0	SW2SISO	-2,9029	62-1	0
62	0,1	SW2SISO	-3,2017	62-1	0,1
62	0	SISMAO	-4,8399	62-1	0
62	0,1	SISMAO	-5,3638	62-1	0,1
62	0	LM71SVA	0,0089	62-1	0
62	0,1	LM71SVA	0,0608	62-1	0,1
62	0	SW2SVA	0,0132	62-1	0
62	0,1	SW2SVA	0,0909	62-1	0,1
62	0	SISMAVA	-0,0749	62-1	0
62	0,1	SISMAVA	2,2307	62-1	0,1
62	0	LM71SVB	-0,0089	62-1	0
62	0,1	LM71SVB	-0,0608	62-1	0,1
62	0	SW2SVB	-0,0132	62-1	0
62	0,1	SW2SVB	-0,0909	62-1	0,1
62	0	SISMAVB	0,0749	62-1	0
62	0,1	SISMAVB	-2,2307	62-1	0,1
62	0	LM71SX	-0,1225	62-1	0
62	0,1	LM71SX	0,1281	62-1	0,1
62	0	LM71DX	-0,3044	62-1	0
62	0,1	LM71DX	-3,0599	62-1	0,1

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Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
27	INCRTER	GLOBAL	Force	X	RelDist	0
27	SISMAO	GLOBAL	Force	X	RelDist	0
27	SISMAVA	GLOBAL	Force	Z	RelDist	0
27	SISMAVB	GLOBAL	Force	Z	RelDist	0
27	STERRASX	GLOBAL	Force	X	RelDist	0
27	STSW2	GLOBAL	Force	X	RelDist	0
27	STLM71	GLOBAL	Force	X	RelDist	0
29	SISMAO	GLOBAL	Force	X	RelDist	0
29	SISMAVA	GLOBAL	Force	Z	RelDist	0
29	SISMAVB	GLOBAL	Force	Z	RelDist	0
29	STERRADX	GLOBAL	Force	X	RelDist	0
30	INCRTER	GLOBAL	Force	X	RelDist	0
30	SISMAO	GLOBAL	Force	X	RelDist	0
30	SISMAVA	GLOBAL	Force	Z	RelDist	0
30	SISMAVB	GLOBAL	Force	Z	RelDist	0
30	STERRASX	GLOBAL	Force	X	RelDist	0
30	STSW2	GLOBAL	Force	X	RelDist	0
30	STLM71	GLOBAL	Force	X	RelDist	0
32	SISMAO	GLOBAL	Force	X	RelDist	0
32	SISMAVA	GLOBAL	Force	Z	RelDist	0
32	SISMAVB	GLOBAL	Force	Z	RelDist	0
32	STERRADX	GLOBAL	Force	X	RelDist	0
33	INCRTER	GLOBAL	Force	X	RelDist	0
33	INCRTER	GLOBAL	Force	X	RelDist	0,5
33	SISMAO	GLOBAL	Force	X	RelDist	0
33	SISMAO	GLOBAL	Force	X	RelDist	0,5
33	SISMAVA	GLOBAL	Force	Z	RelDist	0
33	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
33	SISMAVB	GLOBAL	Force	Z	RelDist	0
33	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
33	STERRASX	GLOBAL	Force	X	RelDist	0
33	STSW2	GLOBAL	Force	X	RelDist	0
33	STSW2	GLOBAL	Force	X	RelDist	0,5
33	STLM71	GLOBAL	Force	X	RelDist	0
35	SISMAO	GLOBAL	Force	X	RelDist	0
35	SISMAO	GLOBAL	Force	X	RelDist	0,5
35	SISMAVA	GLOBAL	Force	Z	RelDist	0
35	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
35	SISMAVB	GLOBAL	Force	Z	RelDist	0
35	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
35	STERRADX	GLOBAL	Force	X	RelDist	0
36	INCRTER	GLOBAL	Force	X	RelDist	0
36	INCRTER	GLOBAL	Force	X	RelDist	0,5
36	SISMAO	GLOBAL	Force	X	RelDist	0
36	SISMAO	GLOBAL	Force	X	RelDist	0,5
36	SISMAVA	GLOBAL	Force	Z	RelDist	0
36	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
36	SISMAVB	GLOBAL	Force	Z	RelDist	0
36	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
36	STERRASX	GLOBAL	Force	X	RelDist	0
36	STSW2	GLOBAL	Force	X	RelDist	0
36	STSW2	GLOBAL	Force	X	RelDist	0,5
36	STLM71	GLOBAL	Force	X	RelDist	0
38	SISMAO	GLOBAL	Force	X	RelDist	0
38	SISMAO	GLOBAL	Force	X	RelDist	0,5
38	SISMAVA	GLOBAL	Force	Z	RelDist	0
38	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
38	SISMAVB	GLOBAL	Force	Z	RelDist	0
38	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
38	STERRADX	GLOBAL	Force	X	RelDist	0
39	INCRTER	GLOBAL	Force	X	RelDist	0
39	INCRTER	GLOBAL	Force	X	RelDist	0,5
39	SISMAO	GLOBAL	Force	X	RelDist	0
39	SISMAO	GLOBAL	Force	X	RelDist	0,5
39	SISMAVA	GLOBAL	Force	Z	RelDist	0
39	SISMAVA	GLOBAL	Force	Z	RelDist	0,5



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39	SISMAVB	GLOBAL	Force	Z	RelDist	0
39	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
39	STERRASX	GLOBAL	Force	X	RelDist	0
39	STSW2	GLOBAL	Force	X	RelDist	0
39	STSW2	GLOBAL	Force	X	RelDist	0,5
39	STLM71	GLOBAL	Force	X	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0,5
41	SISMAVA	GLOBAL	Force	Z	RelDist	0
41	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
41	SISMAVB	GLOBAL	Force	Z	RelDist	0
41	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
41	STERRADX	GLOBAL	Force	X	RelDist	0
42	INCRTER	GLOBAL	Force	X	RelDist	0
42	INCRTER	GLOBAL	Force	X	RelDist	0,5
42	SISMAO	GLOBAL	Force	X	RelDist	0
42	SISMAO	GLOBAL	Force	X	RelDist	0,5
42	SISMAVA	GLOBAL	Force	Z	RelDist	0
42	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
42	SISMAVB	GLOBAL	Force	Z	RelDist	0
42	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
42	STERRASX	GLOBAL	Force	X	RelDist	0
42	STSW2	GLOBAL	Force	X	RelDist	0
42	STSW2	GLOBAL	Force	X	RelDist	0,5
42	STLM71	GLOBAL	Force	X	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0,5
44	SISMAVA	GLOBAL	Force	Z	RelDist	0
44	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
44	SISMAVB	GLOBAL	Force	Z	RelDist	0
44	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
44	STERRADX	GLOBAL	Force	X	RelDist	0
45	INCRTER	GLOBAL	Force	X	RelDist	0
45	SISMAO	GLOBAL	Force	X	RelDist	0
45	SISMAVA	GLOBAL	Force	Z	RelDist	0
45	SISMAVB	GLOBAL	Force	Z	RelDist	0
45	STERRASX	GLOBAL	Force	X	RelDist	0
45	STSW2	GLOBAL	Force	X	RelDist	0
45	STLM71	GLOBAL	Force	X	RelDist	0
47	SISMAO	GLOBAL	Force	X	RelDist	0
47	SISMAVA	GLOBAL	Force	Z	RelDist	0
47	SISMAVB	GLOBAL	Force	Z	RelDist	0
47	STERRADX	GLOBAL	Force	X	RelDist	0
48	INCRTER	GLOBAL	Force	X	RelDist	0
48	SISMAO	GLOBAL	Force	X	RelDist	0
48	SISMAVA	GLOBAL	Force	Z	RelDist	0
48	SISMAVB	GLOBAL	Force	Z	RelDist	0
48	STERRASX	GLOBAL	Force	X	RelDist	0
48	STSW2	GLOBAL	Force	X	RelDist	0
48	STLM71	GLOBAL	Force	X	RelDist	0
50	SISMAO	GLOBAL	Force	X	RelDist	0
50	SISMAVA	GLOBAL	Force	Z	RelDist	0
50	SISMAVB	GLOBAL	Force	Z	RelDist	0
50	STERRADX	GLOBAL	Force	X	RelDist	0
51	AVVLM71	GLOBAL	Force	X	RelDist	0
51	BALLAST	GLOBAL	Force	Gravity	RelDist	0
51	FRENSW2	GLOBAL	Force	X	RelDist	0
51	LM71SISO	GLOBAL	Force	X	RelDist	0
51	LM71SVA	GLOBAL	Force	Z	RelDist	0
51	LM71SVB	GLOBAL	Force	Z	RelDist	0
51	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
51	SISMAO	GLOBAL	Force	X	RelDist	0
51	SISMAVA	GLOBAL	Force	Z	RelDist	0
51	SISMAVB	GLOBAL	Force	Z	RelDist	0
51	SW2SISO	GLOBAL	Force	X	RelDist	0
51	SW2SVA	GLOBAL	Force	Z	RelDist	0
51	SW2SVB	GLOBAL	Force	Z	RelDist	0
51	SW2	GLOBAL	Force	Gravity	RelDist	0



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51	LM71SX	GLOBAL	Force	Gravity	RelDist	0
51	LM71C	GLOBAL	Force	Gravity	RelDist	0
52	AVVLM71	GLOBAL	Force	X	RelDist	0
52	BALLAST	GLOBAL	Force	Gravity	RelDist	0
52	FRENSW2	GLOBAL	Force	X	RelDist	0
52	LM71SISO	GLOBAL	Force	X	RelDist	0
52	LM71SVA	GLOBAL	Force	Z	RelDist	0
52	LM71SVB	GLOBAL	Force	Z	RelDist	0
52	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
52	SISMAO	GLOBAL	Force	X	RelDist	0
52	SISMAVA	GLOBAL	Force	Z	RelDist	0
52	SISMAVB	GLOBAL	Force	Z	RelDist	0
52	SW2SISO	GLOBAL	Force	X	RelDist	0
52	SW2SVA	GLOBAL	Force	Z	RelDist	0
52	SW2SVB	GLOBAL	Force	Z	RelDist	0
52	SW2	GLOBAL	Force	Gravity	RelDist	0
52	LM71SX	GLOBAL	Force	Gravity	RelDist	0
52	LM71C	GLOBAL	Force	Gravity	RelDist	0
61	AVVLM71	GLOBAL	Force	X	RelDist	0
61	BALLAST	GLOBAL	Force	Gravity	RelDist	0
61	FRENSW2	GLOBAL	Force	X	RelDist	0
61	LM71SISO	GLOBAL	Force	X	RelDist	0
61	LM71SVA	GLOBAL	Force	Z	RelDist	0
61	LM71SVB	GLOBAL	Force	Z	RelDist	0
61	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
61	SISMAO	GLOBAL	Force	X	RelDist	0
61	SISMAVA	GLOBAL	Force	Z	RelDist	0
61	SISMAVB	GLOBAL	Force	Z	RelDist	0
61	SW2	GLOBAL	Force	Gravity	RelDist	0
61	SW2SISO	GLOBAL	Force	X	RelDist	0
61	SW2SVA	GLOBAL	Force	Z	RelDist	0
61	SW2SVB	GLOBAL	Force	Z	RelDist	0
61	LM71DX	GLOBAL	Force	Gravity	RelDist	0
61	LM71C	GLOBAL	Force	Gravity	RelDist	0
62	AVVLM71	GLOBAL	Force	X	RelDist	0
62	BALLAST	GLOBAL	Force	Gravity	RelDist	0
62	FRENSW2	GLOBAL	Force	X	RelDist	0
62	LM71SISO	GLOBAL	Force	X	RelDist	0
62	LM71SVA	GLOBAL	Force	Z	RelDist	0
62	LM71SVB	GLOBAL	Force	Z	RelDist	0
62	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
62	SISMAO	GLOBAL	Force	X	RelDist	0
62	SISMAVA	GLOBAL	Force	Z	RelDist	0
62	SISMAVB	GLOBAL	Force	Z	RelDist	0
62	SW2	GLOBAL	Force	Gravity	RelDist	0
62	SW2SISO	GLOBAL	Force	X	RelDist	0
62	SW2SVA	GLOBAL	Force	Z	RelDist	0
62	SW2SVB	GLOBAL	Force	Z	RelDist	0
62	LM71DX	GLOBAL	Force	Gravity	RelDist	0
62	LM71C	GLOBAL	Force	Gravity	RelDist	0
55	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
55	BALLAST	GLOBAL	Force	Gravity	RelDist	0
55	AVVLM71	GLOBAL	Force	X	RelDist	0
55	FRENSW2	GLOBAL	Force	X	RelDist	0
55	LM71SISO	GLOBAL	Force	X	RelDist	0
55	SW2SISO	GLOBAL	Force	X	RelDist	0
55	SISMAO	GLOBAL	Force	X	RelDist	0
55	LM71SVA	GLOBAL	Force	Z	RelDist	0
55	SW2SVA	GLOBAL	Force	Z	RelDist	0
55	SISMAVA	GLOBAL	Force	Z	RelDist	0
55	LM71SVB	GLOBAL	Force	Z	RelDist	0
55	SW2SVB	GLOBAL	Force	Z	RelDist	0
55	SISMAVB	GLOBAL	Force	Z	RelDist	0
55	SW2	GLOBAL	Force	Gravity	RelDist	0
55	LM71SX	GLOBAL	Force	Gravity	RelDist	0
55	LM71C	GLOBAL	Force	Gravity	RelDist	0
56	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
56	BALLAST	GLOBAL	Force	Gravity	RelDist	0

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Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
56	AVVLM71	GLOBAL	Force	X	RelDist	0
56	FRENSW2	GLOBAL	Force	X	RelDist	0
56	LM71SISO	GLOBAL	Force	X	RelDist	0
56	SW2SISO	GLOBAL	Force	X	RelDist	0
56	SISMAO	GLOBAL	Force	X	RelDist	0
56	LM71SVA	GLOBAL	Force	Z	RelDist	0
56	SW2SVA	GLOBAL	Force	Z	RelDist	0
56	SISMAVA	GLOBAL	Force	Z	RelDist	0
56	LM71SVB	GLOBAL	Force	Z	RelDist	0
56	SW2SVB	GLOBAL	Force	Z	RelDist	0
56	SISMAVB	GLOBAL	Force	Z	RelDist	0
56	SW2	GLOBAL	Force	Gravity	RelDist	0
56	LM71SX	GLOBAL	Force	Gravity	RelDist	0
56	LM71C	GLOBAL	Force	Gravity	RelDist	0
57	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
57	BALLAST	GLOBAL	Force	Gravity	RelDist	0
57	AVVLM71	GLOBAL	Force	X	RelDist	0
57	SW2	GLOBAL	Force	Gravity	RelDist	0
57	FRENSW2	GLOBAL	Force	X	RelDist	0
57	LM71SISO	GLOBAL	Force	X	RelDist	0
57	SW2SISO	GLOBAL	Force	X	RelDist	0
57	SISMAO	GLOBAL	Force	X	RelDist	0
57	LM71SVA	GLOBAL	Force	Z	RelDist	0
57	SW2SVA	GLOBAL	Force	Z	RelDist	0
57	SISMAVA	GLOBAL	Force	Z	RelDist	0
57	LM71SVB	GLOBAL	Force	Z	RelDist	0
57	SW2SVB	GLOBAL	Force	Z	RelDist	0
57	SISMAVB	GLOBAL	Force	Z	RelDist	0
57	LM71DX	GLOBAL	Force	Gravity	RelDist	0
57	LM71C	GLOBAL	Force	Gravity	RelDist	0
58	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
58	BALLAST	GLOBAL	Force	Gravity	RelDist	0
58	AVVLM71	GLOBAL	Force	X	RelDist	0
58	SW2	GLOBAL	Force	Gravity	RelDist	0
58	FRENSW2	GLOBAL	Force	X	RelDist	0
58	LM71SISO	GLOBAL	Force	X	RelDist	0
58	SW2SISO	GLOBAL	Force	X	RelDist	0
58	SISMAO	GLOBAL	Force	X	RelDist	0
58	LM71SVA	GLOBAL	Force	Z	RelDist	0
58	SW2SVA	GLOBAL	Force	Z	RelDist	0
58	SISMAVA	GLOBAL	Force	Z	RelDist	0
58	LM71SVB	GLOBAL	Force	Z	RelDist	0
58	SW2SVB	GLOBAL	Force	Z	RelDist	0
58	SISMAVB	GLOBAL	Force	Z	RelDist	0
58	LM71DX	GLOBAL	Force	Gravity	RelDist	0
58	LM71C	GLOBAL	Force	Gravity	RelDist	0
53	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
53	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,9
53	BALLAST	GLOBAL	Force	Gravity	RelDist	0
53	BALLAST	GLOBAL	Force	Gravity	RelDist	0,9
53	AVVLM71	GLOBAL	Force	X	RelDist	0
53	FRENSW2	GLOBAL	Force	X	RelDist	0
53	FRENSW2	GLOBAL	Force	X	RelDist	0,9
53	LM71SISO	GLOBAL	Force	X	RelDist	0
53	LM71SISO	GLOBAL	Force	X	RelDist	0,9
53	SW2SISO	GLOBAL	Force	X	RelDist	0
53	SW2SISO	GLOBAL	Force	X	RelDist	0,9
53	SISMAO	GLOBAL	Force	X	RelDist	0
53	SISMAO	GLOBAL	Force	X	RelDist	0,9
53	LM71SVA	GLOBAL	Force	Z	RelDist	0
53	LM71SVA	GLOBAL	Force	Z	RelDist	0,9
53	SW2SVA	GLOBAL	Force	Z	RelDist	0
53	SW2SVA	GLOBAL	Force	Z	RelDist	0,9
53	SISMAVA	GLOBAL	Force	Z	RelDist	0
53	SISMAVA	GLOBAL	Force	Z	RelDist	0,9
53	LM71SVB	GLOBAL	Force	Z	RelDist	0
53	LM71SVB	GLOBAL	Force	Z	RelDist	0,9
53	SW2SVB	GLOBAL	Force	Z	RelDist	0



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53	SW2SVB	GLOBAL	Force	Z	RelDist	0,9
53	SISMAVB	GLOBAL	Force	Z	RelDist	0
53	SISMAVB	GLOBAL	Force	Z	RelDist	0,9
53	SW2	GLOBAL	Force	Gravity	RelDist	0
53	LM71SX	GLOBAL	Force	Gravity	RelDist	0
53	LM71C	GLOBAL	Force	Gravity	RelDist	0
54	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
54	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,5
54	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,8
54	BALLAST	GLOBAL	Force	Gravity	RelDist	0
54	BALLAST	GLOBAL	Force	Gravity	RelDist	0,5
54	BALLAST	GLOBAL	Force	Gravity	RelDist	0,8
54	AVVLM71	GLOBAL	Force	X	RelDist	0
54	AVVLM71	GLOBAL	Force	X	RelDist	0,5
54	FRENSW2	GLOBAL	Force	X	RelDist	0
54	FRENSW2	GLOBAL	Force	X	RelDist	0,5
54	FRENSW2	GLOBAL	Force	X	RelDist	0,8
54	LM71SISO	GLOBAL	Force	X	RelDist	0
54	LM71SISO	GLOBAL	Force	X	RelDist	0,5
54	LM71SISO	GLOBAL	Force	X	RelDist	0,8
54	SW2SISO	GLOBAL	Force	X	RelDist	0
54	SW2SISO	GLOBAL	Force	X	RelDist	0,5
54	SW2SISO	GLOBAL	Force	X	RelDist	0,8
54	SISMAO	GLOBAL	Force	X	RelDist	0
54	SISMAO	GLOBAL	Force	X	RelDist	0,5
54	SISMAO	GLOBAL	Force	X	RelDist	0,8
54	LM71SVA	GLOBAL	Force	Z	RelDist	0
54	LM71SVA	GLOBAL	Force	Z	RelDist	0,5
54	LM71SVA	GLOBAL	Force	Z	RelDist	0,8
54	SW2SVA	GLOBAL	Force	Z	RelDist	0
54	SW2SVA	GLOBAL	Force	Z	RelDist	0,5
54	SW2SVA	GLOBAL	Force	Z	RelDist	0,8
54	SISMAVA	GLOBAL	Force	Z	RelDist	0
54	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
54	SISMAVA	GLOBAL	Force	Z	RelDist	0,8
54	LM71SVB	GLOBAL	Force	Z	RelDist	0
54	LM71SVB	GLOBAL	Force	Z	RelDist	0,5
54	LM71SVB	GLOBAL	Force	Z	RelDist	0,8
54	SW2SVB	GLOBAL	Force	Z	RelDist	0
54	SW2SVB	GLOBAL	Force	Z	RelDist	0,5
54	SW2SVB	GLOBAL	Force	Z	RelDist	0,8
54	SISMAVB	GLOBAL	Force	Z	RelDist	0
54	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
54	SISMAVB	GLOBAL	Force	Z	RelDist	0,8
54	SW2	GLOBAL	Force	Gravity	RelDist	0
54	LM71SX	GLOBAL	Force	Gravity	RelDist	0
54	LM71C	GLOBAL	Force	Gravity	RelDist	0
59	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,5
59	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
59	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,2
59	BALLAST	GLOBAL	Force	Gravity	RelDist	0,5
59	BALLAST	GLOBAL	Force	Gravity	RelDist	0
59	BALLAST	GLOBAL	Force	Gravity	RelDist	0,2
59	AVVLM71	GLOBAL	Force	X	RelDist	0,5
59	AVVLM71	GLOBAL	Force	X	RelDist	0
59	SW2	GLOBAL	Force	Gravity	RelDist	0,5
59	SW2	GLOBAL	Force	Gravity	RelDist	0
59	SW2	GLOBAL	Force	Gravity	RelDist	0,2
59	FRENSW2	GLOBAL	Force	X	RelDist	0,5
59	FRENSW2	GLOBAL	Force	X	RelDist	0
59	FRENSW2	GLOBAL	Force	X	RelDist	0,2
59	LM71SISO	GLOBAL	Force	X	RelDist	0,5
59	LM71SISO	GLOBAL	Force	X	RelDist	0
59	LM71SISO	GLOBAL	Force	X	RelDist	0,2
59	SW2SISO	GLOBAL	Force	X	RelDist	0,5
59	SW2SISO	GLOBAL	Force	X	RelDist	0
59	SW2SISO	GLOBAL	Force	X	RelDist	0,2
59	SISMAO	GLOBAL	Force	X	RelDist	0,5

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Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
59	SISMAO	GLOBAL	Force	X	RelDist	0
59	SISMAO	GLOBAL	Force	X	RelDist	0,2
59	LM71SVA	GLOBAL	Force	Z	RelDist	0,5
59	LM71SVA	GLOBAL	Force	Z	RelDist	0
59	LM71SVA	GLOBAL	Force	Z	RelDist	0,2
59	SW2SVA	GLOBAL	Force	Z	RelDist	0,5
59	SW2SVA	GLOBAL	Force	Z	RelDist	0
59	SW2SVA	GLOBAL	Force	Z	RelDist	0,2
59	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
59	SISMAVA	GLOBAL	Force	Z	RelDist	0
59	SISMAVA	GLOBAL	Force	Z	RelDist	0,2
59	LM71SVB	GLOBAL	Force	Z	RelDist	0,5
59	LM71SVB	GLOBAL	Force	Z	RelDist	0
59	LM71SVB	GLOBAL	Force	Z	RelDist	0,2
59	SW2SVB	GLOBAL	Force	Z	RelDist	0,5
59	SW2SVB	GLOBAL	Force	Z	RelDist	0
59	SW2SVB	GLOBAL	Force	Z	RelDist	0,2
59	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
59	SISMAVB	GLOBAL	Force	Z	RelDist	0
59	SISMAVB	GLOBAL	Force	Z	RelDist	0,2
59	LM71DX	GLOBAL	Force	Gravity	RelDist	0
59	LM71C	GLOBAL	Force	Gravity	RelDist	0
60	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
60	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,1
60	BALLAST	GLOBAL	Force	Gravity	RelDist	0
60	BALLAST	GLOBAL	Force	Gravity	RelDist	0,1
60	AVVLM71	GLOBAL	Force	X	RelDist	0
60	SW2	GLOBAL	Force	Gravity	RelDist	0
60	SW2	GLOBAL	Force	Gravity	RelDist	0,1
60	FRENSW2	GLOBAL	Force	X	RelDist	0
60	FRENSW2	GLOBAL	Force	X	RelDist	0,1
60	LM71SISO	GLOBAL	Force	X	RelDist	0
60	LM71SISO	GLOBAL	Force	X	RelDist	0,1
60	SW2SISO	GLOBAL	Force	X	RelDist	0
60	SW2SISO	GLOBAL	Force	X	RelDist	0,1
60	SISMAO	GLOBAL	Force	X	RelDist	0
60	SISMAO	GLOBAL	Force	X	RelDist	0,1
60	LM71SVA	GLOBAL	Force	Z	RelDist	0
60	LM71SVA	GLOBAL	Force	Z	RelDist	0,1
60	SW2SVA	GLOBAL	Force	Z	RelDist	0
60	SW2SVA	GLOBAL	Force	Z	RelDist	0,1
60	SISMAVA	GLOBAL	Force	Z	RelDist	0
60	SISMAVA	GLOBAL	Force	Z	RelDist	0,1
60	LM71SVB	GLOBAL	Force	Z	RelDist	0
60	LM71SVB	GLOBAL	Force	Z	RelDist	0,1
60	SW2SVB	GLOBAL	Force	Z	RelDist	0
60	SW2SVB	GLOBAL	Force	Z	RelDist	0,1
60	SISMAVB	GLOBAL	Force	Z	RelDist	0
60	SISMAVB	GLOBAL	Force	Z	RelDist	0,1
60	LM71DX	GLOBAL	Force	Gravity	RelDist	0
60	LM71C	GLOBAL	Force	Gravity	RelDist	0

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
27	INCRTER	1	0	0,125	86,41	86,41
27	SISMAO	1	0	0,125	2,77	2,77
27	SISMAVA	1	0	0,125	1,55	1,55
27	SISMAVB	1	0	0,125	-1,55	-1,55
27	STERRASX	1	0	0,125	120,17	119,1
27	STSW2	1	0	0,125	14,21	14,21
27	STLM71	1	0	0,125	14,21	14,21
29	SISMAO	1	0	0,125	2,77	2,77
29	SISMAVA	1	0	0,125	1,55	1,55
29	SISMAVB	1	0	0,125	-1,55	-1,55
29	STERRADX	1	0	0,125	-120,17	-119,1

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
30	INCRTER	1	0	0,125	86,41	86,41
30	SISMAO	1	0	0,125	2,77	2,77
30	SISMAVA	1	0	0,125	1,55	1,55
30	SISMAVB	1	0	0,125	-1,55	-1,55
30	STERRASX	1	0	0,125	119,1	118,03
30	STSW2	1	0	0,125	14,21	14,21
30	STLM71	1	0	0,125	14,21	14,21
32	SISMAO	1	0	0,125	2,77	2,77
32	SISMAVA	1	0	0,125	1,55	1,55
32	SISMAVB	1	0	0,125	-1,55	-1,55
32	STERRADX	1	0	0,125	-119,1	-118,03
33	INCRTER	0,5	0	0,25	86,41	86,41
33	INCRTER	1	0,25	0,5	86,41	86,41
33	SISMAO	0,5	0	0,25	2,77	2,77
33	SISMAO	1	0,25	0,5	2,77	2,77
33	SISMAVA	0,5	0	0,25	1,55	1,55
33	SISMAVA	1	0,25	0,5	1,55	1,55
33	SISMAVB	0,5	0	0,25	-1,55	-1,55
33	SISMAVB	1	0,25	0,5	-1,55	-1,55
33	STERRASX	1	0	0,5	118,03	113,77
33	STSW2	0,5	0	0,25	14,21	14,21
33	STSW2	1	0,25	0,5	14,21	14,21
33	STLM71	1	0	0,5	14,21	14,21
35	SISMAO	0,5	0	0,25	2,77	2,77
35	SISMAO	1	0,25	0,5	2,77	2,77
35	SISMAVA	0,5	0	0,25	1,55	1,55
35	SISMAVA	1	0,25	0,5	1,55	1,55
35	SISMAVB	0,5	0	0,25	-1,55	-1,55
35	SISMAVB	1	0,25	0,5	-1,55	-1,55
35	STERRADX	1	0	0,5	-118,03	-113,77
36	INCRTER	0,5	0	0,25	86,41	86,41
36	INCRTER	1	0,25	0,5	86,41	86,41
36	SISMAO	0,5	0	0,25	2,77	2,77
36	SISMAO	1	0,25	0,5	2,77	2,77
36	SISMAVA	0,5	0	0,25	1,55	1,55
36	SISMAVA	1	0,25	0,5	1,55	1,55
36	SISMAVB	0,5	0	0,25	-1,55	-1,55
36	SISMAVB	1	0,25	0,5	-1,55	-1,55
36	STERRASX	1	0	0,5	113,77	109,51
36	STSW2	0,5	0	0,25	14,21	14,21
36	STSW2	1	0,25	0,5	14,21	14,21
36	STLM71	1	0	0,5	14,21	14,21
38	SISMAO	0,5	0	0,25	2,77	2,77
38	SISMAO	1	0,25	0,5	2,77	2,77
38	SISMAVA	0,5	0	0,25	1,55	1,55
38	SISMAVA	1	0,25	0,5	1,55	1,55
38	SISMAVB	0,5	0	0,25	-1,55	-1,55
38	SISMAVB	1	0,25	0,5	-1,55	-1,55
38	STERRADX	1	0	0,5	-113,77	-109,51
39	INCRTER	0,5	0	0,25	86,41	86,41
39	INCRTER	1	0,25	0,5	86,41	86,41
39	SISMAO	0,5	0	0,25	2,77	2,77
39	SISMAO	1	0,25	0,5	2,77	2,77
39	SISMAVA	0,5	0	0,25	1,55	1,55
39	SISMAVA	1	0,25	0,5	1,55	1,55
39	SISMAVB	0,5	0	0,25	-1,55	-1,55
39	SISMAVB	1	0,25	0,5	-1,55	-1,55
39	STERRASX	1	0	0,5	109,51	105,24
39	STSW2	0,5	0	0,25	14,21	14,21
39	STSW2	1	0,25	0,5	14,21	14,21
39	STLM71	1	0	0,5	14,21	14,21
41	SISMAO	0,5	0	0,25	2,77	2,77
41	SISMAO	1	0,25	0,5	2,77	2,77
41	SISMAVA	0,5	0	0,25	1,55	1,55
41	SISMAVA	1	0,25	0,5	1,55	1,55
41	SISMAVB	0,5	0	0,25	-1,55	-1,55
41	SISMAVB	1	0,25	0,5	-1,55	-1,55
41	STERRADX	1	0	0,5	-109,51	-105,24

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
42	INCRTER	0,5	0	0,25	86,41	86,41
42	INCRTER	1	0,25	0,5	86,41	86,41
42	SISMAO	0,5	0	0,25	2,77	2,77
42	SISMAO	1	0,25	0,5	2,77	2,77
42	SISMAVA	0,5	0	0,25	1,55	1,55
42	SISMAVA	1	0,25	0,5	1,55	1,55
42	SISMAVB	0,5	0	0,25	-1,55	-1,55
42	SISMAVB	1	0,25	0,5	-1,55	-1,55
42	STERRASX	1	0	0,5	105,24	100,98
42	STSW2	0,5	0	0,25	14,21	14,21
42	STSW2	1	0,25	0,5	14,21	14,21
42	STLM71	1	0	0,5	14,21	14,21
44	SISMAO	0,5	0	0,25	2,77	2,77
44	SISMAO	1	0,25	0,5	2,77	2,77
44	SISMAVA	0,5	0	0,25	1,55	1,55
44	SISMAVA	1	0,25	0,5	1,55	1,55
44	SISMAVB	0,5	0	0,25	-1,55	-1,55
44	SISMAVB	1	0,25	0,5	-1,55	-1,55
44	STERRADX	1	0	0,5	-105,24	-100,98
45	INCRTER	1	0	0,1	86,41	86,41
45	SISMAO	1	0	0,1	2,77	2,77
45	SISMAVA	1	0	0,1	1,55	1,55
45	SISMAVB	1	0	0,1	-1,55	-1,55
45	STERRASX	1	0	0,1	100,98	100,12
45	STSW2	1	0	0,1	14,21	14,21
45	STLM71	1	0	0,1	14,21	14,21
47	SISMAO	1	0	0,1	2,77	2,77
47	SISMAVA	1	0	0,1	1,55	1,55
47	SISMAVB	1	0	0,1	-1,55	-1,55
47	STERRADX	1	0	0,1	-100,98	-100,12
48	INCRTER	1	0	0,1	86,41	86,41
48	SISMAO	1	0	0,1	2,77	2,77
48	SISMAVA	1	0	0,1	1,55	1,55
48	SISMAVB	1	0	0,1	-1,55	-1,55
48	STERRASX	1	0	0,1	100,12	99,27
48	STSW2	1	0	0,1	14,21	14,21
48	STLM71	1	0	0,1	14,21	14,21
50	SISMAO	1	0	0,1	2,77	2,77
50	SISMAVA	1	0	0,1	1,55	1,55
50	SISMAVB	1	0	0,1	-1,55	-1,55
50	STERRADX	1	0	0,1	-100,12	-99,27
51	AVVLM71	1	0	0,1	8,28	8,28
51	BALLAST	1	0	0,1	14,4	14,4
51	FRENSW2	1	0	0,1	8,78	8,78
51	LM71SISO	1	0	0,1	1,67	1,67
51	LM71SVA	1	0	0,1	0,83	0,83
51	LM71SVB	1	0	0,1	-0,83	-0,83
51	REINTSUP	1	0	0,1	222,4	222,4
51	SISMAO	1	0	0,1	2,77	2,77
51	SISMAVA	1	0	0,1	38,25	38,25
51	SISMAVB	1	0	0,1	-38,25	-38,25
51	SW2SISO	1	0	0,1	2,5	2,5
51	SW2SVA	1	0	0,1	1,24	1,24
51	SW2SVB	1	0	0,1	-1,24	-1,24
51	SW2	1	0	0,1	40	40
51	LM71SX	1	0	0,1	40	40
51	LM71C	1	0	0,1	40	40
52	AVVLM71	1	0	0,1	8,28	8,28
52	BALLAST	1	0	0,1	14,4	14,4
52	FRENSW2	1	0	0,1	8,78	8,78
52	LM71SISO	1	0	0,1	1,67	1,67
52	LM71SVA	1	0	0,1	0,83	0,83
52	LM71SVB	1	0	0,1	-0,83	-0,83
52	REINTSUP	1	0	0,1	222,4	222,4
52	SISMAO	1	0	0,1	2,77	2,77
52	SISMAVA	1	0	0,1	38,25	38,25
52	SISMAVB	1	0	0,1	-38,25	-38,25
52	SW2SISO	1	0	0,1	2,5	2,5

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
52	SW2SVA	1	0	0,1	1,24	1,24
52	SW2SVB	1	0	0,1	-1,24	-1,24
52	SW2	1	0	0,1	40	40
52	LM71SX	1	0	0,1	40	40
52	LM71C	1	0	0,1	40	40
61	AVVLM71	1	0	0,1	8,28	8,28
61	BALLAST	1	0	0,1	14,4	14,4
61	FRENSW2	1	0	0,1	8,78	8,78
61	LM71SISO	1	0	0,1	1,67	1,67
61	LM71SVA	1	0	0,1	0,83	0,83
61	LM71SVB	1	0	0,1	-0,83	-0,83
61	REINTSUP	1	0	0,1	222,4	222,4
61	SISMAO	1	0	0,1	2,77	2,77
61	SISMAVA	1	0	0,1	38,25	38,25
61	SISMAVB	1	0	0,1	-38,25	-38,25
61	SW2	1	0	0,1	40	40
61	SW2SISO	1	0	0,1	2,5	2,5
61	SW2SVA	1	0	0,1	1,24	1,24
61	SW2SVB	1	0	0,1	-1,24	-1,24
61	LM71DX	1	0	0,1	40	40
61	LM71C	1	0	0,1	40	40
62	AVVLM71	1	0	0,1	8,28	8,28
62	BALLAST	1	0	0,1	14,4	14,4
62	FRENSW2	1	0	0,1	8,78	8,78
62	LM71SISO	1	0	0,1	1,67	1,67
62	LM71SVA	1	0	0,1	0,83	0,83
62	LM71SVB	1	0	0,1	-0,83	-0,83
62	REINTSUP	1	0	0,1	222,4	222,4
62	SISMAO	1	0	0,1	2,77	2,77
62	SISMAVA	1	0	0,1	38,25	38,25
62	SISMAVB	1	0	0,1	-38,25	-38,25
62	SW2	1	0	0,1	40	40
62	SW2SISO	1	0	0,1	2,5	2,5
62	SW2SVA	1	0	0,1	1,24	1,24
62	SW2SVB	1	0	0,1	-1,24	-1,24
62	LM71DX	1	0	0,1	40	40
62	LM71C	1	0	0,1	40	40
55	REINTSUP	1	0	0,075	222,4	222,4
55	BALLAST	1	0	0,075	14,4	14,4
55	AVVLM71	1	0	0,075	8,28	8,28
55	FRENSW2	1	0	0,075	8,78	8,78
55	LM71SISO	1	0	0,075	1,67	1,67
55	SW2SISO	1	0	0,075	2,5	2,5
55	SISMAO	1	0	0,075	2,77	2,77
55	LM71SVA	1	0	0,075	0,83	0,83
55	SW2SVA	1	0	0,075	1,24	1,24
55	SISMAVA	1	0	0,075	38,25	38,25
55	LM71SVB	1	0	0,075	-0,83	-0,83
55	SW2SVB	1	0	0,075	-1,24	-1,24
55	SISMAVB	1	0	0,075	-38,25	-38,25
55	SW2	1	0	0,075	40	40
55	LM71SX	1	0	0,075	40	40
55	LM71C	1	0	0,075	40	40
56	REINTSUP	1	0	0,075	222,4	222,4
56	BALLAST	1	0	0,075	14,4	14,4
56	AVVLM71	1	0	0,075	8,28	8,28
56	FRENSW2	1	0	0,075	8,78	8,78
56	LM71SISO	1	0	0,075	1,67	1,67
56	SW2SISO	1	0	0,075	2,5	2,5
56	SISMAO	1	0	0,075	2,77	2,77
56	LM71SVA	1	0	0,075	0,83	0,83
56	SW2SVA	1	0	0,075	1,24	1,24
56	SISMAVA	1	0	0,075	38,25	38,25
56	LM71SVB	1	0	0,075	-0,83	-0,83
56	SW2SVB	1	0	0,075	-1,24	-1,24
56	SISMAVB	1	0	0,075	-38,25	-38,25
56	SW2	1	0	0,075	40	40
56	LM71SX	1	0	0,075	40	40

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
56	LM71C	1	0	0,075	40	40
57	REINTSUP	1	0	0,075	222,4	222,4
57	BALLAST	1	0	0,075	14,4	14,4
57	AVVLM71	1	0	0,075	8,28	8,28
57	SW2	1	0	0,075	40	40
57	FRENSW2	1	0	0,075	8,78	8,78
57	LM71SISO	1	0	0,075	1,67	1,67
57	SW2SISO	1	0	0,075	2,5	2,5
57	SISMAO	1	0	0,075	2,77	2,77
57	LM71SVA	1	0	0,075	0,83	0,83
57	SW2SVA	1	0	0,075	1,24	1,24
57	SISMAVA	1	0	0,075	38,25	38,25
57	LM71SVB	1	0	0,075	-0,83	-0,83
57	SW2SVB	1	0	0,075	-1,24	-1,24
57	SISMAVB	1	0	0,075	-38,25	-38,25
57	LM71DX	1	0	0,075	40	40
57	LM71C	1	0	0,075	40	40
58	REINTSUP	1	0	0,075	222,4	222,4
58	BALLAST	1	0	0,075	14,4	14,4
58	AVVLM71	1	0	0,075	8,28	8,28
58	SW2	1	0	0,075	40	40
58	FRENSW2	1	0	0,075	8,78	8,78
58	LM71SISO	1	0	0,075	1,67	1,67
58	SW2SISO	1	0	0,075	2,5	2,5
58	SISMAO	1	0	0,075	2,77	2,77
58	LM71SVA	1	0	0,075	0,83	0,83
58	SW2SVA	1	0	0,075	1,24	1,24
58	SISMAVA	1	0	0,075	38,25	38,25
58	LM71SVB	1	0	0,075	-0,83	-0,83
58	SW2SVB	1	0	0,075	-1,24	-1,24
58	SISMAVB	1	0	0,075	-38,25	-38,25
58	LM71DX	1	0	0,075	40	40
58	LM71C	1	0	0,075	40	40
53	REINTSUP	0,9	0	0,54	222,4	222,4
53	REINTSUP	1	0,54	0,6	222,4	222,4
53	BALLAST	0,9	0	0,54	14,4	14,4
53	BALLAST	1	0,54	0,6	14,4	14,4
53	AVVLM71	1	0	0,6	8,28	8,28
53	FRENSW2	0,9	0	0,54	8,78	8,78
53	FRENSW2	1	0,54	0,6	8,78	8,78
53	LM71SISO	0,9	0	0,54	1,67	1,67
53	LM71SISO	1	0,54	0,6	1,67	1,67
53	SW2SISO	0,9	0	0,54	2,5	2,5
53	SW2SISO	1	0,54	0,6	2,5	2,5
53	SISMAO	0,9	0	0,54	2,77	2,77
53	SISMAO	1	0,54	0,6	2,77	2,77
53	LM71SVA	0,9	0	0,54	0,83	0,83
53	LM71SVA	1	0,54	0,6	0,83	0,83
53	SW2SVA	0,9	0	0,54	1,24	1,24
53	SW2SVA	1	0,54	0,6	1,24	1,24
53	SISMAVA	0,9	0	0,54	38,25	38,25
53	SISMAVA	1	0,54	0,6	38,25	38,25
53	LM71SVB	0,9	0	0,54	-0,83	-0,83
53	LM71SVB	1	0,54	0,6	-0,83	-0,83
53	SW2SVB	0,9	0	0,54	-1,24	-1,24
53	SW2SVB	1	0,54	0,6	-1,24	-1,24
53	SISMAVB	0,9	0	0,54	-38,25	-38,25
53	SISMAVB	1	0,54	0,6	-38,25	-38,25
53	SW2	1	0	0,6	40	40
53	LM71SX	1	0	0,6	40	40
53	LM71C	1	0	0,6	40	40
54	REINTSUP	0,5	0	0,3	222,4	222,4
54	REINTSUP	0,8	0,3	0,48	222,4	222,4
54	REINTSUP	1	0,48	0,6	222,4	222,4
54	BALLAST	0,5	0	0,3	14,4	14,4
54	BALLAST	0,8	0,3	0,48	14,4	14,4
54	BALLAST	1	0,48	0,6	14,4	14,4
54	AVVLM71	0,5	0	0,3	8,28	8,28

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
54	AVVLM71	1	0,3	0,6	8,28	8,28
54	FRENSW2	0,5	0	0,3	8,78	8,78
54	FRENSW2	0,8	0,3	0,48	8,78	8,78
54	FRENSW2	1	0,48	0,6	8,78	8,78
54	LM71SISO	0,5	0	0,3	1,67	1,67
54	LM71SISO	0,8	0,3	0,48	1,67	1,67
54	LM71SISO	1	0,48	0,6	1,67	1,67
54	SW2SISO	0,5	0	0,3	2,5	2,5
54	SW2SISO	0,8	0,3	0,48	2,5	2,5
54	SW2SISO	1	0,48	0,6	2,5	2,5
54	SISMAO	0,5	0	0,3	2,77	2,77
54	SISMAO	0,8	0,3	0,48	2,77	2,77
54	SISMAO	1	0,48	0,6	2,77	2,77
54	LM71SVA	0,5	0	0,3	0,83	0,83
54	LM71SVA	0,8	0,3	0,48	0,83	0,83
54	LM71SVA	1	0,48	0,6	0,83	0,83
54	SW2SVA	0,5	0	0,3	1,24	1,24
54	SW2SVA	0,8	0,3	0,48	1,24	1,24
54	SW2SVA	1	0,48	0,6	1,24	1,24
54	SISMAVA	0,5	0	0,3	38,25	38,25
54	SISMAVA	0,8	0,3	0,48	38,25	38,25
54	SISMAVA	1	0,48	0,6	38,25	38,25
54	LM71SVB	0,5	0	0,3	-0,83	-0,83
54	LM71SVB	0,8	0,3	0,48	-0,83	-0,83
54	LM71SVB	1	0,48	0,6	-0,83	-0,83
54	SW2SVB	0,5	0	0,3	-1,24	-1,24
54	SW2SVB	0,8	0,3	0,48	-1,24	-1,24
54	SW2SVB	1	0,48	0,6	-1,24	-1,24
54	SISMAVB	0,5	0	0,3	-38,25	-38,25
54	SISMAVB	0,8	0,3	0,48	-38,25	-38,25
54	SISMAVB	1	0,48	0,6	-38,25	-38,25
54	SW2	1	0	0,6	40	40
54	LM71SX	1	0	0,6	40	40
54	LM71C	1	0	0,6	40	40
59	REINTSUP	1	0,3	0,6	222,4	222,4
59	REINTSUP	0,2	0	0,12	222,4	222,4
59	REINTSUP	0,5	0,12	0,3	222,4	222,4
59	BALLAST	1	0,3	0,6	14,4	14,4
59	BALLAST	0,2	0	0,12	14,4	14,4
59	BALLAST	0,5	0,12	0,3	14,4	14,4
59	AVVLM71	1	0,3	0,6	8,28	8,28
59	AVVLM71	0,5	0	0,3	8,28	8,28
59	SW2	1	0,3	0,6	40	40
59	SW2	0,2	0	0,12	40	40
59	SW2	0,5	0,12	0,3	40	40
59	FRENSW2	1	0,3	0,6	8,78	8,78
59	FRENSW2	0,2	0	0,12	8,78	8,78
59	FRENSW2	0,5	0,12	0,3	8,78	8,78
59	LM71SISO	1	0,3	0,6	1,67	1,67
59	LM71SISO	0,2	0	0,12	1,67	1,67
59	LM71SISO	0,5	0,12	0,3	1,67	1,67
59	SW2SISO	1	0,3	0,6	2,5	2,5
59	SW2SISO	0,2	0	0,12	2,5	2,5
59	SW2SISO	0,5	0,12	0,3	2,5	2,5
59	SISMAO	1	0,3	0,6	2,77	2,77
59	SISMAO	0,2	0	0,12	2,77	2,77
59	SISMAO	0,5	0,12	0,3	2,77	2,77
59	LM71SVA	1	0,3	0,6	0,83	0,83
59	LM71SVA	0,2	0	0,12	0,83	0,83
59	LM71SVA	0,5	0,12	0,3	0,83	0,83
59	SW2SVA	1	0,3	0,6	1,24	1,24
59	SW2SVA	0,2	0	0,12	1,24	1,24
59	SW2SVA	0,5	0,12	0,3	1,24	1,24
59	SISMAVA	1	0,3	0,6	38,25	38,25
59	SISMAVA	0,2	0	0,12	38,25	38,25
59	SISMAVA	0,5	0,12	0,3	38,25	38,25
59	LM71SVB	1	0,3	0,6	-0,83	-0,83
59	LM71SVB	0,2	0	0,12	-0,83	-0,83

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Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
59	LM71SVB	0,5	0,12	0,3	-0,83	-0,83
59	SW2SVB	1	0,3	0,6	-1,24	-1,24
59	SW2SVB	0,2	0	0,12	-1,24	-1,24
59	SW2SVB	0,5	0,12	0,3	-1,24	-1,24
59	SISMAVB	1	0,3	0,6	-38,25	-38,25
59	SISMAVB	0,2	0	0,12	-38,25	-38,25
59	SISMAVB	0,5	0,12	0,3	-38,25	-38,25
59	LM71DX	1	0	0,6	40	40
59	LM71C	1	0	0,6	40	40
60	REINTSUP	0,1	0	0,06	222,4	222,4
60	REINTSUP	1	0,06	0,6	222,4	222,4
60	BALLAST	0,1	0	0,06	14,4	14,4
60	BALLAST	1	0,06	0,6	14,4	14,4
60	AVVLM71	1	0	0,6	8,28	8,28
60	SW2	0,1	0	0,06	40	40
60	SW2	1	0,06	0,6	40	40
60	FRENSW2	0,1	0	0,06	8,78	8,78
60	FRENSW2	1	0,06	0,6	8,78	8,78
60	LM71SISO	0,1	0	0,06	1,67	1,67
60	LM71SISO	1	0,06	0,6	1,67	1,67
60	SW2SISO	0,1	0	0,06	2,5	2,5
60	SW2SISO	1	0,06	0,6	2,5	2,5
60	SISMAO	0,1	0	0,06	2,77	2,77
60	SISMAO	1	0,06	0,6	2,77	2,77
60	LM71SVA	0,1	0	0,06	0,83	0,83
60	LM71SVA	1	0,06	0,6	0,83	0,83
60	SW2SVA	0,1	0	0,06	1,24	1,24
60	SW2SVA	1	0,06	0,6	1,24	1,24
60	SISMAVA	0,1	0	0,06	38,25	38,25
60	SISMAVA	1	0,06	0,6	38,25	38,25
60	LM71SVB	0,1	0	0,06	-0,83	-0,83
60	LM71SVB	1	0,06	0,6	-0,83	-0,83
60	SW2SVB	0,1	0	0,06	-1,24	-1,24
60	SW2SVB	1	0,06	0,6	-1,24	-1,24
60	SISMAVB	0,1	0	0,06	-38,25	-38,25
60	SISMAVB	1	0,06	0,6	-38,25	-38,25
60	LM71DX	1	0	0,6	40	40
60	LM71C	1	0	0,6	40	40

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Frame	LoadPat	GUID
27	INCRTER	077a1689-9ca4-4503-bd53-9ad59a87ab23
27	SISMAO	c2eb33c0-1fc1-4048-9e60-9fab60d5fc21
27	SISMAVA	3a61d060-ae49-449f-b589-5d1f29ea0c8d
27	SISMAVB	d9459b44-e4de-491a-894a-519040493cc3
27	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
27	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
27	STLM71	4de3e629-81fe-4330-9021-780d1ec2bc27
29	SISMAO	3f40135f-729d-4939-852b-cfb7eb3151ba
29	SISMAVA	96acd76e-4e5e-46bf-ab80-22e5d232bc17
29	SISMAVB	4b80ee36-c793-43fd-8cba-7f795e5a549d
29	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
30	INCRTER	54d9b39e-b0b9-457b-b724-9c8162820c2b
30	SISMAO	866accbf-b1dc-4cbe-b031-f013839a1abd

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Frame	LoadPat	GUID
30	SISMAVA	9c173853-42b0-41eb-b004-ba6168411984
30	SISMAVB	270d0bca-df3d-49e2-a4ef-6664004e3072
30	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
30	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
30	STLM71	d1ebf034-c825-40cd-8f65-c4c0d048836f
32	SISMAO	9e2c0fe8-8054-4020-91d7-c20dd2616663
32	SISMAVA	00881ad9-6699-4640-bf88-636bb5059e71
32	SISMAVB	869cfafb-b20a-4606-b9bf-eb02c04e9be1
32	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
33	INCRTER	a437e150-860b-4f9e-8670-1cac28127518
33	INCRTER	758fe7a2-d1db-4906-aab1-44751858b3f3
33	SISMAO	09516269-30ce-4a9a-bf61-f33e4bb48973
33	SISMAO	eae64329-3ac3-4107-be01-eeef00ee4d42f
33	SISMAVA	f49eb6ea-c25f-46ee-a87b-513b1bfbd489
33	SISMAVA	91496078-af90-4a94-bdde-2103a2b35c50
33	SISMAVB	bcc58caf-0f54-42b6-af1f-b32f2451eb4f
33	SISMAVB	7de708ac-20de-42c0-8e49-c955eebf3351
33	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
33	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
33	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
33	STLM71	1bffb8c6-c8e5-4d06-bb88-33800843cde8
35	SISMAO	42ee7500-f72b-4cf2-af07-bd7714d46e0f
35	SISMAO	9acf0a2d-3e33-4eca-b0be-682cdd34014a
35	SISMAVA	c850b86a-f22d-4528-a933-1271falef0cd
35	SISMAVA	2f681cde-41fa-40ae-881f-5acecc9de57c
35	SISMAVB	c1b5ea51-bc99-4e0d-9a3a-ae94f86681cb
35	SISMAVB	3f603a6e-07b1-4d78-8a40-0ca2f4688525
35	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
36	INCRTER	bc0e2c8f-dc96-437c-8823-c701a84ad598
36	INCRTER	a66682eb-fead-43ad-bd92-0814723e9375
36	SISMAO	12ae4509-7358-41e2-8c91-4b68b1b4f284
36	SISMAO	cdcf6503-301f-4ba7-a412-c09132563820
36	SISMAVA	1d2a1d7b-211f-4870-b090-288bd404e080
36	SISMAVA	e54a9142-f986-408a-b42c-6a8dbd9fe7d6
36	SISMAVB	d996687f-9f25-47aa-813c-54e0244baf3e
36	SISMAVB	53827f48-fb99-4d7f-952a-3a916bb00d3c
36	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
36	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088

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Frame	LoadPat	GUID
36	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
36	STLM71	6e515b48-bf4b-4a52-ba7a-d9bd91249d35
38	SISMAO	67ba0c54-a263-4cae-b6d6-6a0179d36499
38	SISMAO	55145209-5a2a-44a6-a6ca-b8af93ea9f5a
38	SISMAVA	73487994-c250-45dc-a8d0-cc1e0b2941e5
38	SISMAVA	b1a1fd68-73c2-49da-8fdb-e2071fb3570a
38	SISMAVB	99d47eb7-335b-4006-b344-5105fff4cfa9
38	SISMAVB	ff1falbb-0af4-4d92-86ed-12115d7d688a
38	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
39	INCRTER	caade70a-9cb3-4936-ac95-a5becb945770
39	INCRTER	6a19ed9d-256e-44e1-99ed-2ec20c14dd17
39	SISMAO	e0d163d6-7c08-4f70-8e2b-502b1a943c6c
39	SISMAO	a0552b9f-ecbf-4b53-a726-5ed8588f6a69
39	SISMAVA	861c153e-a723-400e-af84-5f5dca70fb07
39	SISMAVA	f7ac511d-669a-4ef5-8b65-c18fb84602f3
39	SISMAVB	87e93e2c-7e9c-481c-95ec-44c941428168
39	SISMAVB	80b451b5-c0b9-42af-aeb4-07036ee11f78
39	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
39	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
39	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
39	STLM71	c0072c29-ae21-4e6c-bcba-9f8a5704c298
41	SISMAO	9a493d20-9289-4a02-9a42-1dc09ff4fbf8
41	SISMAO	e663c2fe-4d7f-4c10-be00-f72cfb503cf3
41	SISMAVA	ab5f6847-8481-481d-9aa9-1d6ef63b6c20
41	SISMAVA	5d70790f-37c5-4f82-93b2-4e1e8d28eac2
41	SISMAVB	1730dd79-b9b9-c4208-97fb-ebe6fc440425
41	SISMAVB	967c235a-6b3f-4714-a124-3e94c37f9282
41	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
42	INCRTER	14e4eee5-68ae-42fa-bd21-47fab0fc22fc
42	INCRTER	b46c5c87-19cd-4501-95ae-9fe9f900d3b4
42	SISMAO	c071100b-0ae9-4867-9ed2-5959574b65c1
42	SISMAO	1af39599-9ef7-41c8-90d7-528063b17659
42	SISMAVA	29035142-14ca-4169-b379-ed07986f382e
42	SISMAVA	8810c9f5-0423-4d0a-b8f1-2a6c3c3ea6ef
42	SISMAVB	afe6a63b-8f9f-4406-aa33-43536544f8da
42	SISMAVB	6e3a3078-2e5a-47db-8881-51c4e9a2dedc
42	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
42	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088

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42	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
42	STLM71	6d6955e3-bb00-44f6-b2c2-941603a2969b
44	SISMAO	cbea4d59-da2d-4a68-b759-49716a53f77c
44	SISMAO	e7133ff0-c085-4924-9a9f-bcd08253facf
44	SISMAVA	ec01b9ab-bb6d-4790-99c9-11bfa06a9cb3
44	SISMAVA	b0a55298-70b1-4080-8fc1-e2b8585581f2
44	SISMAVB	eaFa321f-edae-43ff-8957-dd6843df59f0
44	SISMAVB	1bcd6b9f-cb31-4e8a-b791-dd7a6c703961
44	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
45	INCRTER	39166f14-6c8c-4276-968b-f09aa4b89aa1
45	SISMAO	d17bb494-a25e-4e99-a041-789d05f039f9
45	SISMAVA	f0bcfb78-0a0e-4769-aab6-72fcc29d420b
45	SISMAVB	78e580d0-b7d7-46b2-881e-3988811e0cba
45	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
45	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
45	STLM71	376cc261-5dba-4693-9e6b-558e87050ca2
47	SISMAO	d10ae7e6-f7e5-4ece-b90b-db78a18a5e04
47	SISMAVA	050f9e4d-fee9-4c17-a78e-c76593b8929c
47	SISMAVB	268cbd48-e744-4901-900a-f1d828673800
47	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
48	INCRTER	49f3a437-beea-4729-b2d0-e4348a1704c6
48	SISMAO	64c17395-55bf-4264-8bc5-dccd266830ce
48	SISMAVA	96b1e5f1-d165-4372-a504-d5579edd2aa0
48	SISMAVB	c01e3943-a872-436b-b172-d80206a6c833
48	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
48	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
48	STLM71	c97d870c-51be-443d-88a0-02f6978064dc
50	SISMAO	3006454a-8fd6-44a6-ae3a-5af5a61f9424
50	SISMAVA	3df499ca-ab37-49e7-b413-215f64c52f24
50	SISMAVB	c0057aea-8b30-477b-8dac-d7f7212f6824
50	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
51	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
51	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
51	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
51	LM71SISO	c385546a-0035-4d3c-b0f4-27cd9a502f95
51	LM71SVA	ac537ee0-b278-40bd-9b21-de9948a64c94
51	LM71SVB	a35bc5b7-f8d4-4a8e-94fd-f663a6abc2e1
51	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616

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Frame	LoadPat	GUID
51	SISMAO	93c8e20d-13b1-4ee4-a29f-28aff91a3330
51	SISMAVA	5e93538e-4c3d-4035-a90d-f044ef8d38fa
51	SISMAVB	dd22c8c2-fba4-40e5-b1ed-9917d96a8abf
51	SW2SISO	5265519-9be4-4ab5-a7e6-cadfc8b83e67
51	SW2SVA	7806c81e-b1b7-48c6-a40f-82eb21024525
51	SW2SVB	0911b2c8-4329-48e7-802b-8a60bc9ab464
51	SW2	60212c0b-22ff-4ed3-b245-a5f9c3a5644e
51	LM71SX	798e6692-aa31-48e7-a614-a1485fb56e52
51	LM71C	656f3d90-9987-42e0-8bd9-d000fbabbe08
52	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
52	BALLAST	3fad1c29-4a4b-4bf8-aeaf7-ae3db4a47677
52	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
52	LM71SISO	be709b3a-4758-47af-a38e-9ff9d6090b56
52	LM71SVA	cf029992-946e-4255-a8ee-2ff0c342f04b
52	LM71SVB	9a962796-ccbc-4f76-b70f-f919603d6938
52	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
52	SISMAO	9e81f2a0-3a71-42ff-a61c-e58752490bc3
52	SISMAVA	535f779e-59f4-4117-9d3f-b77e3bf2eae2
52	SISMAVB	223bc8b1-062b-4a7f-807d-faeabd8d7151
52	SW2SISO	1668330f-ad3e-48fb-9752-8be5616d0e4e
52	SW2SVA	2fdc1782-c5f0-48f2-9828-7d69594643c9
52	SW2SVB	28a65437-balb-4f31-9ba1-e17040e24928
52	SW2	19b1868d-a6a7-4fd5-b94e-947a1f8e6f84
52	LM71SX	97170c70-89c0-4b92-b5a0-bf46415bdefb
52	LM71C	1dbb7c23-0371-47ca-90b8-337d4e0cff16
61	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
61	BALLAST	3fad1c29-4a4b-4bf8-aeaf7-ae3db4a47677
61	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
61	LM71SISO	da68cd51-4e88-49c1-b793-81970cc6eld0
61	LM71SVA	40f914ab-cbfb-4d30-8bfc-a424b717f319
61	LM71SVB	8b65fd00-c418-4aa5-ad37-23b8ba84ff7e
61	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
61	SISMAO	a7df3096-48ec-435b-a48b-1856f5b7078a
61	SISMAVA	fb9eab8d-6274-4e4c-af08-1c663c54e01a
61	SISMAVB	f0c618eb-4a17-435e-b18f-34aeb9239368
61	SW2	9a9b087d-081d-4598-aeel-lacaf6ee2dc5
61	SW2SISO	62912fc5-8f90-4ae3-8802-7bcc7bedc89f
61	SW2SVA	16963e08-7fcf-4a62-8b8c-0229e3054869

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Frame	LoadPat	GUID
61	SW2SVB	578d05ea-8d97-40e2-a096-9db0918d7ab6
61	LM71DX	cd735657-83bf-4f79-bbf6-ce0c218b96ca
61	LM71C	6db5a386-6cbc-4d75-b4fa-596e3375235f
62	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
62	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
62	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
62	LM71SISO	bfa98850-acf8-4d4b-ba9a-53f32a725934
62	LM71SVA	382e4ccf-2dfc-4852-ad94-de60258c554e
62	LM71SVB	14cebda3-a626-488e-a906-c8d21e41cbb7
62	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
62	SISMAO	6e2ac57c-15a7-49ef-949e-1fc6600a2faf
62	SISMAVA	d6614cf4-9d8d-4309-b1d4-11f8fc3fdcb9
62	SISMAVB	66b5503e-baa2-493d-a5b7-b44cc6442be8
62	SW2	9a9b087d-081d-4598-aeel-1aca6ee2dc5
62	SW2SISO	c232c9c1-2c54-4d33-838b-dca9731faf7e
62	SW2SVA	7e2d91b8-ccd7-4485-858f-680e656386a0
62	SW2SVB	db5ff6c8-ef9a-4595-908f-d467cd9f020e
62	LM71DX	22919f8d-2a90-4bfc-a90e-69c9369923b3
62	LM71C	4629d3f4-d907-4b4b-b3ff-30309af72598
55	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
55	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
55	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
55	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
55	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
55	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
55	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
55	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
55	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
55	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
55	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
55	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
55	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
55	SW2	eb6fa992-65c9-4788-9a02-113cf4e65d3d
55	LM71SX	69dccaaf-ce23-428a-875d-de715683aea1
55	LM71C	3444d309-eee2-45ab-afd3-3c33f19a9ca0
56	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
56	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
56	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa

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Frame	LoadPat	GUID
56	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
56	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
56	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
56	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
56	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
56	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
56	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
56	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
56	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
56	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
56	SW2	ef8c055c-0646-48ee-b9d4-a9bda7457de0
56	LM71SX	781f7202-88aa-430a-a96c-0a9d603f947d
56	LM71C	8a899dfa-501b-4cfe-8d49-751a67e97514
57	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
57	BALLAST	3fad1c29-4a4b-4bf8-aeef7-ae3db4a47677
57	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
57	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
57	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
57	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
57	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
57	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
57	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
57	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
57	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
57	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
57	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
57	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
57	LM71DX	ed6b0617-8a91-4203-8dd2-7e649d903cfe
57	LM71C	f79f84cd-d057-4c5f-aeec-682d63a302ed
58	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
58	BALLAST	3fad1c29-4a4b-4bf8-aeef7-ae3db4a47677
58	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
58	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
58	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
58	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
58	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
58	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
58	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e

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Frame	LoadPat	GUID
58	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
58	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
58	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
58	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
58	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
58	LM71DX	791abbc6-afb4-486d-9366-3304e0b3de22
58	LM71C	c117dfc2-6002-40c2-83db-1bfbdb8ef5b7f
53	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
53	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
53	BALLAST	3fad1c29-4a4b-4bf8-ae3db4a47677
53	BALLAST	3fad1c29-4a4b-4bf8-ae3db4a47677
53	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
53	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
53	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
53	LM71SISO	2fc938f9-83b4-4579-8c94-00c46063ab82
53	LM71SISO	28a3966f-abc4-4b85-b83e-d4597c8aa667
53	SW2SISO	5eb43bb7-5676-4868-92a1-8df6c0714d26
53	SW2SISO	067dde32-eaeb-4756-a272-d67f3db4b107
53	SISMAO	9edb3c32-1768-428b-8beb-984447e0bc60
53	SISMAO	ff44276c-8152-42dd-ba03-1eb27dbcb268
53	LM71SVA	59c5b7f0-236b-484c-a89f-80b41a993fbf
53	LM71SVA	92b24861-15d4-462f-98c5-bfda6b71f816
53	SW2SVA	aa82f3ef-d6d2-429f-a908-73c5b99cfdfb
53	SW2SVA	cae5195e-fd41-46fc-830d-306a435ddc0c
53	SISMAVA	b79cea30-d663-4ef9-b50c-a4de7a414c79
53	SISMAVA	8312beb3-b360-4c20-bbb9-547015efc225
53	LM71SVB	6b06e9db-3d79-4594-a083-9cdecf43f3ff5
53	LM71SVB	204092a9-fc1d-4187-9ba3-39ddd1c6dd3
53	SW2SVB	c2ab9c41-ea0f-4469-a3c5-81a7dd9e0ac2
53	SW2SVB	53c3a57b-f3bc-4665-944f-0f3a058ec2d6
53	SISMAVB	6483654d-509e-4237-82d5-f59e69d11a6e
53	SISMAVB	7d680a10-0b5a-4657-8960-87e0b571fc5d
53	SW2	5fcfa9be-664c-4dd4-9006-da47c3a1111e
53	LM71SX	715dd1d4-49a8-4fbd-954c-67e771cb5986
53	LM71C	d3693029-1432-4434-9f5c-830097948ef6
54	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
54	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
54	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616

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Frame	LoadPat	GUID
54	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
54	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
54	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
54	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
54	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
54	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
54	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
54	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
54	LM71SISO	28a3966f-abc4-4b85-b83e-d4597c8aa667
54	LM71SISO	28a3966f-abc4-4b85-b83e-d4597c8aa667
54	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
54	SW2SISO	067dde32-eaeb-4756-a272-d67f3db4b107
54	SW2SISO	067dde32-eaeb-4756-a272-d67f3db4b107
54	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
54	SISMAO	ff44276c-8152-42dd-ba03-1eb27dbcb268
54	SISMAO	ff44276c-8152-42dd-ba03-1eb27dbcb268
54	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
54	LM71SVA	92b24861-15d4-462f-98c5-bfda6b71f816
54	LM71SVA	92b24861-15d4-462f-98c5-bfda6b71f816
54	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
54	SW2SVA	cae5195e-fd41-46fc-830d-306a435ddc0c
54	SW2SVA	cae5195e-fd41-46fc-830d-306a435ddc0c
54	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
54	SISMAVA	8312beb3-b360-4c20-bbb9-547015efc225
54	SISMAVA	8312beb3-b360-4c20-bbb9-547015efc225
54	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
54	LM71SVB	204092a9-fc1d-4187-9ba3-39ddd1c6dd3
54	LM71SVB	204092a9-fc1d-4187-9ba3-39ddd1c6dd3
54	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
54	SW2SVB	53c3a57b-f3bc-4665-944f-0f3a058ec2d6
54	SW2SVB	53c3a57b-f3bc-4665-944f-0f3a058ec2d6
54	SW2SVB	2be8c32c-0ae1-471d-a075-d3504af09d5
54	SISMAVB	7d680a10-0b5a-4657-8960-87e0b571fc5d
54	SISMAVB	7d680a10-0b5a-4657-8960-87e0b571fc5d
54	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
54	SW2	2d68ee5d-036c-4586-8c46-8f8e33c63028
54	LM71SX	d3da2146-55ba-4f43-9a93-6c2d06781e5a
54	LM71C	e35a459d-f6e7-4cf4-8c81-d918b5120e99

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Frame	LoadPat	GUID
59	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
59	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
59	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
59	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
59	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
59	BALLAST	3fad1c29-4a4b-4bf8-ae77-ae3db4a47677
59	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
59	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
59	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
59	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
59	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
59	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
59	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
59	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
59	LM71SISO	b1a454ba-ca6c-46e0-a8a4-ff7fe4e76457
59	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
59	LM71SISO	b1a454ba-ca6c-46e0-a8a4-ff7fe4e76457
59	SW2SISO	c98c9065-b010-4808-afdc-6011dddabab3b
59	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
59	SW2SISO	c98c9065-b010-4808-afdc-6011dddabab3b
59	SISMAO	8bbe1242-1669-4fa2-ba44-3fdb923b5008
59	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
59	SISMAO	8bbe1242-1669-4fa2-ba44-3fdb923b5008
59	LM71SVA	95e89730-6225-42f2-b168-0974594fb742
59	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
59	LM71SVA	95e89730-6225-42f2-b168-0974594fb742
59	SW2SVA	36c7bedc-2e43-4020-9a09-99e8a066d42d
59	SW2SVA	0df03ddd-3d89-41b0-blb4-0fba3c0f8bd8
59	SW2SVA	36c7bedc-2e43-4020-9a09-99e8a066d42d
59	SISMAVA	8ab7cbe0-5320-4d89-80e4-7c9bbad6d26
59	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
59	SISMAVA	8ab7cbe0-5320-4d89-80e4-7c9bbad6d26
59	LM71SVB	c53e6559-8141-4b7d-a8b5-2cc4fdaac134
59	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
59	LM71SVB	c53e6559-8141-4b7d-a8b5-2cc4fdaac134
59	SW2SVB	88171676-d99d-4a29-9228-d13acfc274fd
59	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
59	SW2SVB	88171676-d99d-4a29-9228-d13acfc274fd



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Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
59	SISMAVB	0c758d6c-1710-43df-a612-bb71d788d1b6
59	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
59	SISMAVB	0c758d6c-1710-43df-a612-bb71d788d1b6
59	LM71DX	59c59bc4-e9a1-476f-ac2c-9b20612a04ad
59	LM71C	5fdc2609-658c-443a-93b2-c254383f6e4b
60	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
60	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
60	BALLAST	3fad1c29-4a4b-4bf8-ae7f-ae3db4a47677
60	BALLAST	3fad1c29-4a4b-4bf8-ae7f-ae3db4a47677
60	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
60	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
60	SW2	9a9b087d-081d-4598-aeel-1acaf6ee2dc5
60	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
60	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
60	LM71SISO	b1a454ba-ca6c-46e0-a8a4-ff7fe4e76457
60	LM71SISO	503141ab-8255-4860-b107-a36c16b2cb62
60	SW2SISO	c98c9065-b010-4808-afdc-6011dddabab3b
60	SW2SISO	2c4aba2e-6a49-42d4-9783-c24de348c468
60	SISMAO	8bbe1242-1669-4fa2-ba44-3fdb923b5008
60	SISMAO	87ccac3b-a783-4de8-ae27-d5aecfa7b28a
60	LM71SVA	95e89730-6225-42f2-b168-0974594fb742
60	LM71SVA	27d25cef-ad38-4d6e-blde-5db857cf617f
60	SW2SVA	36c7bedc-2e43-4020-9a09-99e8a066d42d
60	SW2SVA	c72a5237-8b41-4146-b9d1-8a0294b9309d
60	SISMAVA	8ab7cbe0-5320-4d89-80e4-7c9bbadf6d26
60	SISMAVA	9c69166f-de09-4f7d-a1d0-9a6bd271720a
60	LM71SVB	c53e6559-8141-4b7d-a8b5-2cc4fdaac134
60	LM71SVB	813bb49b-67e8-45b3-b8f6-8daa2c2222e3
60	SW2SVB	88171676-d99d-4a29-9228-d13acfc274fd
60	SW2SVB	df9d2de8-f4d7-4a90-a9a0-1f41fcb60399
60	SISMAVB	0c758d6c-1710-43df-a612-bb71d788d1b6
60	SISMAVB	321887be-517e-4531-9432-225dd7a1a848
60	LM71DX	6efc7d29-641e-4e1d-9076-b0630683f757
60	LM71C	59a23bd1-e310-40ec-a5d3-d8be44a130f5

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp C	TempGrad2 C/m	JtPattern
51	TERMP	Temperature	5		None
51	TERMN	Temperature	-15		None



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Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp C	TempGrad2 C/m	JtPattern
51	GRADTP	Gradient2		12,5	None
51	GRADTN	Gradient2		-12,5	None
52	TERMP	Temperature	5		None
52	TERMN	Temperature	-15		None
52	GRADTP	Gradient2		12,5	None
52	GRADTN	Gradient2		-12,5	None
61	TERMP	Temperature	5		None
61	TERMN	Temperature	-15		None
61	GRADTP	Gradient2		12,5	None
61	GRADTN	Gradient2		-12,5	None
62	TERMP	Temperature	5		None
62	TERMN	Temperature	-15		None
62	GRADTP	Gradient2		12,5	None
62	GRADTN	Gradient2		-12,5	None
55	TERMP	Temperature	5		None
55	TERMN	Temperature	-15		None
55	GRADTP	Gradient2		12,5	None
55	GRADTN	Gradient2		-12,5	None
56	TERMP	Temperature	5		None
56	TERMN	Temperature	-15		None
56	GRADTP	Gradient2		12,5	None
56	GRADTN	Gradient2		-12,5	None
57	TERMP	Temperature	5		None
57	TERMN	Temperature	-15		None
57	GRADTP	Gradient2		12,5	None
57	GRADTN	Gradient2		-12,5	None
58	TERMP	Temperature	5		None
58	TERMN	Temperature	-15		None
58	GRADTP	Gradient2		12,5	None
58	GRADTN	Gradient2		-12,5	None
53	TERMP	Temperature	5		None
53	TERMN	Temperature	-15		None
53	GRADTP	Gradient2		12,5	None
53	GRADTN	Gradient2		-12,5	None
54	TERMP	Temperature	5		None
54	TERMN	Temperature	-15		None
54	GRADTP	Gradient2		12,5	None
54	GRADTN	Gradient2		-12,5	None
59	TERMP	Temperature	5		None
59	TERMN	Temperature	-15		None
59	GRADTP	Gradient2		12,5	None
59	GRADTN	Gradient2		-12,5	None
60	TERMP	Temperature	5		None
60	TERMN	Temperature	-15		None
60	GRADTP	Gradient2		12,5	None
60	GRADTN	Gradient2		-12,5	None

Table: Frame Section Assignments

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Rectangular	N.A.	fondazione	fondazione	Default
2	Rectangular	N.A.	fondazione	fondazione	Default
3	Rectangular	N.A.	fondazione	fondazione	Default
4	Rectangular	N.A.	fondazione	fondazione	Default
5	Rectangular	N.A.	fondazione	fondazione	Default
6	Rectangular	N.A.	fondazione	fondazione	Default
7	Rectangular	N.A.	fondazione	fondazione	Default
8	Rectangular	N.A.	fondazione	fondazione	Default
9	Rectangular	N.A.	fondazione	fondazione	Default
10	Rectangular	N.A.	fondazione	fondazione	Default
11	Rectangular	N.A.	fondazione	fondazione	Default
12	Rectangular	N.A.	fondazione	fondazione	Default
13	Rectangular	N.A.	fondazione	fondazione	Default
14	Rectangular	N.A.	fondazione	fondazione	Default
15	Rectangular	N.A.	fondazione	fondazione	Default
16	Rectangular	N.A.	fondazione	fondazione	Default

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Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
17	Rectangular	N.A.	fondazione	fondazione	Default
18	Rectangular	N.A.	fondazione	fondazione	Default
19	Rectangular	N.A.	fondazione	fondazione	Default
20	Rectangular	N.A.	fondazione	fondazione	Default
21	Rectangular	N.A.	fondazione	fondazione	Default
22	Rectangular	N.A.	fondazione	fondazione	Default
23	Rectangular	N.A.	fondazione	fondazione	Default
24	Rectangular	N.A.	fondazione	fondazione	Default
25	Rectangular	N.A.	fondazione	fondazione	Default
26	Rectangular	N.A.	fondazione	fondazione	Default
27	Rectangular	N.A.	pieдритто	pieдритто	Default
28	Rectangular	N.A.	setto	setto	Default
29	Rectangular	N.A.	pieдритто	pieдритто	Default
30	Rectangular	N.A.	pieдритто	pieдритто	Default
31	Rectangular	N.A.	setto	setto	Default
32	Rectangular	N.A.	pieдритто	pieдритто	Default
33	Rectangular	N.A.	pieдритто	pieдритто	Default
34	Rectangular	N.A.	setto	setto	Default
35	Rectangular	N.A.	pieдритто	pieдритто	Default
36	Rectangular	N.A.	pieдритто	pieдритто	Default
37	Rectangular	N.A.	setto	setto	Default
38	Rectangular	N.A.	pieдритто	pieдритто	Default
39	Rectangular	N.A.	pieдритто	pieдритто	Default
40	Rectangular	N.A.	setto	setto	Default
41	Rectangular	N.A.	pieдритто	pieдритто	Default
42	Rectangular	N.A.	pieдритто	pieдритто	Default
43	Rectangular	N.A.	setto	setto	Default
44	Rectangular	N.A.	pieдритто	pieдритто	Default
45	Rectangular	N.A.	pieдритто	pieдритто	Default
46	Rectangular	N.A.	setto	setto	Default
47	Rectangular	N.A.	pieдритто	pieдритто	Default
48	Rectangular	N.A.	pieдритто	pieдритто	Default
49	Rectangular	N.A.	setto	setto	Default
50	Rectangular	N.A.	pieдритто	pieдритто	Default
51	Rectangular	N.A.	soletta superiore	soletta superiore	Default
52	Rectangular	N.A.	soletta superiore	soletta superiore	Default
53	Rectangular	N.A.	soletta superiore	soletta superiore	Default
54	Rectangular	N.A.	soletta superiore	soletta superiore	Default
55	Rectangular	N.A.	soletta superiore	soletta superiore	Default
56	Rectangular	N.A.	soletta superiore	soletta superiore	Default
57	Rectangular	N.A.	soletta superiore	soletta superiore	Default
58	Rectangular	N.A.	soletta superiore	soletta superiore	Default
59	Rectangular	N.A.	soletta superiore	soletta superiore	Default
60	Rectangular	N.A.	soletta superiore	soletta superiore	Default
61	Rectangular	N.A.	soletta superiore	soletta superiore	Default
62	Rectangular	N.A.	soletta superiore	soletta superiore	Default

Table: Frame Section Properties 01 - General, Part 1 of 6

Table: Frame Section Properties 01 - General, Part 1 of 6

SectionName	Material	Shape	t3	t2	Area	TorsConst
			m	m	m2	m4
fondazione	C32/40	Rectangular	0,5	1	0,5	0,02861
pieдритто	C32/40	Rectangular	0,4	1	0,4	0,015969
setto	C32/40	Rectangular	0,3	1	0,3	0,0073
soletta superiore	C32/40	Rectangular	0,4	1	0,4	0,015969

Table: Frame Section Properties 01 - General, Part 2 of 6

Table: Frame Section Properties 01 - General, Part 2 of 6

SectionName	I33	I22	I23	AS2	AS3	S33	S22
	m4	m4	m4	m2	m2	m3	m3
fondazione	0,010417	0,041667	0	0,416667	0,416667	0,041667	0,083333
pieдритто	0,005333	0,033333	0	0,333333	0,333333	0,026667	0,066667
setto	0,00225	0,025	0	0,25	0,25	0,015	0,05
soletta superiore	0,005333	0,033333	0	0,333333	0,333333	0,026667	0,066667

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Table: Frame Section Properties 01 - General, Part 3 of 6

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	Z33 m3	Z22 m3	R33 m	R22 m	ConcCol	ConcBeam	Color
fondazione	0,0625	0,125	0,144338	0,288675	Yes	No	Blue
piedritto	0,04	0,1	0,11547	0,288675	Yes	No	Yellow
setto	0,0225	0,075	0,086603	0,288675	Yes	No	Blue
soletta superiore	0,04	0,1	0,11547	0,288675	Yes	No	Red

Table: Frame Section Properties 01 - General, Part 4 of 6

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	TotalWt KN	TotalMass KN-s2/m	FromFile	AMod	A2Mod	A3Mod	JMod
fondazione	38,739	3,95	No	1	1	1	1
piedritto	48,986	5	No	1	1	1	1
setto	18,37	1,87	No	1	1	1	1
soletta superiore	30,991	3,16	No	1	1	1	1

Table: Frame Section Properties 01 - General, Part 5 of 6

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	I2Mod	I3Mod	MMod	WMod	GUID
fondazione	1	1	1	1	
piedritto	1	1	1	1	
setto	1	1	1	1	
soletta superiore	1	1	1	1	

Table: Frame Section Properties 01 - General, Part 6 of 6

Table: Frame Section Properties 01 - General, Part 6 of 6

SectionName	Notes
fondazione	Added 01/01/2018 00:00:26
piedritto	Added 01/01/2018 00:00:26
setto	Added 01/01/2018 00:12:35
soletta superiore	Added 01/01/2018 00:00:26

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	-1,55	0	0	Yes	-1,55
2	GLOBAL	Cartesian	-1,45	0	0	Yes	-1,45
3	GLOBAL	Cartesian	-1,35	0	0	Yes	-1,35
4	GLOBAL	Cartesian	-1,215	0	0	No	-1,215
5	GLOBAL	Cartesian	-1,08	0	0	No	-1,08
6	GLOBAL	Cartesian	-0,945	0	0	No	-0,945
7	GLOBAL	Cartesian	-0,81	0	0	No	-0,81
8	GLOBAL	Cartesian	-0,675	0	0	No	-0,675
9	GLOBAL	Cartesian	-0,54	0	0	No	-0,54
10	GLOBAL	Cartesian	-0,405	0	0	No	-0,405
11	GLOBAL	Cartesian	-0,27	0	0	No	-0,27
12	GLOBAL	Cartesian	-0,15	0	0	No	-0,15
13	GLOBAL	Cartesian	-0,075	0	0	No	-0,075
14	GLOBAL	Cartesian	0	0	0	No	0
15	GLOBAL	Cartesian	0,075	0	0	No	0,075
16	GLOBAL	Cartesian	0,15	0	0	No	0,15
17	GLOBAL	Cartesian	0,27	0	0	No	0,27
18	GLOBAL	Cartesian	0,405	0	0	No	0,405
19	GLOBAL	Cartesian	0,54	0	0	No	0,54
20	GLOBAL	Cartesian	0,675	0	0	No	0,675
21	GLOBAL	Cartesian	0,81	0	0	No	0,81
22	GLOBAL	Cartesian	0,945	0	0	No	0,945
23	GLOBAL	Cartesian	1,08	0	0	No	1,08
24	GLOBAL	Cartesian	1,215	0	0	No	1,215
25	GLOBAL	Cartesian	1,35	0	0	Yes	1,35
26	GLOBAL	Cartesian	1,45	0	0	Yes	1,45
27	GLOBAL	Cartesian	1,55	0	0	Yes	1,55

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
28	GLOBAL	Cartesian	-1,55	0	0,125	Yes	-1,55
29	GLOBAL	Cartesian	0	0	0,125	Yes	0
30	GLOBAL	Cartesian	1,55	0	0,125	Yes	1,55
31	GLOBAL	Cartesian	-1,55	0	0,25	Yes	-1,55
32	GLOBAL	Cartesian	0	0	0,25	Yes	0
33	GLOBAL	Cartesian	1,55	0	0,25	Yes	1,55
34	GLOBAL	Cartesian	-1,55	0	0,75	No	-1,55
35	GLOBAL	Cartesian	0	0	0,75	No	0
36	GLOBAL	Cartesian	1,55	0	0,75	No	1,55
37	GLOBAL	Cartesian	-1,55	0	1,25	No	-1,55
38	GLOBAL	Cartesian	0	0	1,25	No	0
39	GLOBAL	Cartesian	1,55	0	1,25	No	1,55
40	GLOBAL	Cartesian	-1,55	0	1,75	No	-1,55
41	GLOBAL	Cartesian	0	0	1,75	No	0
42	GLOBAL	Cartesian	1,55	0	1,75	No	1,55
43	GLOBAL	Cartesian	-1,55	0	2,25	Yes	-1,55
44	GLOBAL	Cartesian	0	0	2,25	Yes	0
45	GLOBAL	Cartesian	1,55	0	2,25	Yes	1,55
46	GLOBAL	Cartesian	-1,55	0	2,35	Yes	-1,55
47	GLOBAL	Cartesian	0	0	2,35	Yes	0
48	GLOBAL	Cartesian	1,55	0	2,35	Yes	1,55
49	GLOBAL	Cartesian	-1,55	0	2,45	Yes	-1,55
50	GLOBAL	Cartesian	-1,45	0	2,45	Yes	-1,45
51	GLOBAL	Cartesian	-1,35	0	2,45	Yes	-1,35
52	GLOBAL	Cartesian	-0,75	0	2,45	No	-0,75
53	GLOBAL	Cartesian	-0,15	0	2,45	Yes	-0,15
54	GLOBAL	Cartesian	-0,075	0	2,45	Yes	-0,075
55	GLOBAL	Cartesian	0	0	2,45	No	0
56	GLOBAL	Cartesian	0,075	0	2,45	Yes	0,075
57	GLOBAL	Cartesian	0,15	0	2,45	Yes	0,15
58	GLOBAL	Cartesian	0,75	0	2,45	No	0,75
59	GLOBAL	Cartesian	1,35	0	2,45	Yes	1,35
60	GLOBAL	Cartesian	1,45	0	2,45	Yes	1,45
61	GLOBAL	Cartesian	1,55	0	2,45	Yes	1,55

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	0	0	cedd4787-57dd-476d-8dff-977358d20e67
2	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
3	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
4	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
5	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
6	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
7	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
8	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
9	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
10	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
11	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
12	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
13	0	0	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
14	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
15	0	0	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
16	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
17	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
18	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
19	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
20	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
21	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
22	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
23	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
24	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
25	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
26	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
27	0	0	cedd4787-57dd-476d-8dff-977358d20e67
28	0	0,125	1bbae384-ac77-4b69-b87f-06d09a65e691
29	0	0,125	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
30	0	0,125	1bbae384-ac77-4b69-b87f-06d09a65e691
31	0	0,25	1bbae384-ac77-4b69-b87f-06d09a65e691
32	0	0,25	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
33	0	0,25	1bbae384-ac77-4b69-b87f-06d09a65e691
34	0	0,75	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
35	0	0,75	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
36	0	0,75	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
37	0	1,25	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
38	0	1,25	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
39	0	1,25	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
40	0	1,75	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
41	0	1,75	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
42	0	1,75	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
43	0	2,25	1bbae384-ac77-4b69-b87f-06d09a65e691
44	0	2,25	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
45	0	2,25	1bbae384-ac77-4b69-b87f-06d09a65e691
46	0	2,35	1bbae384-ac77-4b69-b87f-06d09a65e691
47	0	2,35	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
48	0	2,35	1bbae384-ac77-4b69-b87f-06d09a65e691
49	0	2,45	cedd4787-57dd-476d-8dff-977358d20e67
50	0	2,45	1bbae384-ac77-4b69-b87f-06d09a65e691
51	0	2,45	1bbae384-ac77-4b69-b87f-06d09a65e691
52	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
53	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
54	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67



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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
55	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
56	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
57	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
58	0	2,45	03d1e7ac-772d-4677-b68d-eb2e1bc0cb67
59	0	2,45	1bbae384-ac77-4b69-b87f-06d09a65e691
60	0	2,45	1bbae384-ac77-4b69-b87f-06d09a65e691
61	0	2,45	cedd4787-57dd-476d-8dff-977358d20e67

Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
1	PP	LinStatic	2,479E-07	0	-0,008814	0	-1,7E-05	0
1	REINTSUP	LinStatic	-2,561E-07	0	-0,044308	0	-8E-05	0
1	BALLAST	LinStatic	-1,658E-08	0	-0,002869	0	-5,209E-06	0
1	STERRASX	LinStatic	0,172602	0	0,03973	0	0,025822	0
1	STERRADX	LinStatic	-0,172588	0	-0,039708	0	-0,02574	0
1	TERMP	LinStatic	-2,788E-07	0	-1,1E-05	0	-2E-05	0
1	TERMN	LinStatic	8,365E-07	0	3,3E-05	0	6,1E-05	0
1	GRADTP	LinStatic	6,468E-07	0	-5,534E-06	0	-1,874E-06	0
1	GRADTN	LinStatic	-6,468E-07	0	5,534E-06	0	1,874E-06	0
1	LM71C	LinStatic	-4,607E-08	0	-0,007969	0	-1,4E-05	0
1	STLM71	LinStatic	0,022354	0	0,005314	0	0,003453	0
1	AVVLM71	LinStatic	0,01648	0	0,007832	0	0,005077	0
1	SW2	LinStatic	-4,607E-08	0	-0,007969	0	-1,4E-05	0
1	STSW2	LinStatic	0,022354	0	0,005314	0	0,003453	0
1	FRENSW2	LinStatic	0,017476	0	0,008305	0	0,005383	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	0,135933	0	0,032314	0	0,021	0
1	LM71SISO	LinStatic	0,003324	0	0,00158	0	0,001024	0
1	SW2SISO	LinStatic	0,004976	0	0,002365	0	0,001533	0
1	SISMAO	LinStatic	0,014228	0	0,004691	0	0,003043	0
1	LM71SVA	LinStatic	9,559E-10	0	0,000165	0	3,002E-07	0
1	SW2SVA	LinStatic	1,428E-09	0	0,000247	0	4,485E-07	0
1	SISMAVA	LinStatic	-6,186E-09	0	0,00811	0	1,6E-05	0
1	LM71SVB	LinStatic	-9,559E-10	0	-0,000165	0	-3,002E-07	0
1	SW2SVB	LinStatic	-1,428E-09	0	-0,000247	0	-4,485E-07	0
1	SISMAVB	LinStatic	6,186E-09	0	-0,00811	0	-1,6E-05	0
1	LM71SX	LinStatic	-4,024E-08	0	-0,009966	0	-0,003872	0
1	LM71DX	LinStatic	-5,832E-09	0	0,001997	0	0,003858	0
2	PP	LinStatic	2,319E-07	0	-0,008812	0	-1,8E-05	0
2	REINTSUP	LinStatic	-2,396E-07	0	-0,044297	0	-8,1E-05	0
2	BALLAST	LinStatic	-1,551E-08	0	-0,002868	0	-5,257E-06	0
2	STERRASX	LinStatic	0,1726	0	0,037149	0	0,025793	0
2	STERRADX	LinStatic	-0,172588	0	-0,037134	0	-0,025723	0
2	TERMP	LinStatic	-2,608E-07	0	-8,968E-06	0	-1,9E-05	0
2	TERMN	LinStatic	7,825E-07	0	2,7E-05	0	5,8E-05	0
2	GRADTP	LinStatic	6,051E-07	0	-5,133E-06	0	-3,388E-06	0
2	GRADTN	LinStatic	-6,051E-07	0	5,133E-06	0	3,388E-06	0
2	LM71C	LinStatic	-4,31E-08	0	-0,007967	0	-1,5E-05	0
2	STLM71	LinStatic	0,022354	0	0,004969	0	0,00345	0
2	AVVLM71	LinStatic	0,01648	0	0,007324	0	0,005073	0
2	SW2	LinStatic	-4,31E-08	0	-0,007967	0	-1,5E-05	0
2	STSW2	LinStatic	0,022354	0	0,004969	0	0,00345	0
2	FRENSW2	LinStatic	0,017476	0	0,007767	0	0,00538	0
2	SERP	LinStatic	0	0	0	0	0	0
2	INCRTER	LinStatic	0,135933	0	0,030215	0	0,020977	0
2	LM71SISO	LinStatic	0,003324	0	0,001477	0	0,001023	0
2	SW2SISO	LinStatic	0,004976	0	0,002211	0	0,001532	0
2	SISMAO	LinStatic	0,014228	0	0,004387	0	0,00304	0
2	LM71SVA	LinStatic	8,942E-10	0	0,000165	0	3,03E-07	0
2	SW2SVA	LinStatic	1,336E-09	0	0,000247	0	4,527E-07	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
2	SISMAVA	LinStatic	-5,787E-09	0	0,008108	0	1,6E-05	0
2	LM71SVB	LinStatic	-8,942E-10	0	-0,000165	0	-3,03E-07	0
2	SW2SVB	LinStatic	-1,336E-09	0	-0,000247	0	-4,527E-07	0
2	SISMAVB	LinStatic	5,787E-09	0	-0,008108	0	-1,6E-05	0
2	LM71SX	LinStatic	-3,654E-08	0	-0,009578	0	-0,003872	0
2	LM71DX	LinStatic	-6,558E-09	0	0,001611	0	0,003858	0
3	PP	LinStatic	2,159E-07	0	-0,008809	0	-1,8E-05	0
3	REINTSUP	LinStatic	-2,231E-07	0	-0,044287	0	-7,8E-05	0
3	BALLAST	LinStatic	-1,444E-08	0	-0,002868	0	-5,066E-06	0
3	STERRASX	LinStatic	0,172599	0	0,034571	0	0,025764	0
3	STERRADX	LinStatic	-0,172588	0	-0,034562	0	-0,025706	0
3	TERMP	LinStatic	-2,428E-07	0	-7,096E-06	0	-1,8E-05	0
3	TERMN	LinStatic	7,285E-07	0	2,1E-05	0	5,4E-05	0
3	GRADTP	LinStatic	5,634E-07	0	-4,593E-06	0	-4,676E-06	0
3	GRADTN	LinStatic	-5,634E-07	0	4,593E-06	0	4,676E-06	0
3	LM71C	LinStatic	-4,012E-08	0	-0,007965	0	-1,4E-05	0
3	STLM71	LinStatic	0,022354	0	0,004624	0	0,003446	0
3	AVVLM71	LinStatic	0,01648	0	0,006817	0	0,00507	0
3	SW2	LinStatic	-4,012E-08	0	-0,007965	0	-1,4E-05	0
3	STSW2	LinStatic	0,022354	0	0,004624	0	0,003446	0
3	FRENSW2	LinStatic	0,017476	0	0,007229	0	0,005376	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	0,135932	0	0,028119	0	0,020954	0
3	LM71SISO	LinStatic	0,003324	0	0,001375	0	0,001023	0
3	SW2SISO	LinStatic	0,004976	0	0,002058	0	0,001531	0
3	SISMAO	LinStatic	0,014228	0	0,004083	0	0,003038	0
3	LM71SVA	LinStatic	8,326E-10	0	0,000165	0	2,92E-07	0
3	SW2SVA	LinStatic	1,244E-09	0	0,000247	0	4,363E-07	0
3	SISMAVA	LinStatic	-5,388E-09	0	0,008106	0	1,6E-05	0
3	LM71SVB	LinStatic	-8,326E-10	0	-0,000165	0	-2,92E-07	0
3	SW2SVB	LinStatic	-1,244E-09	0	-0,000247	0	-4,363E-07	0
3	SISMAVB	LinStatic	5,388E-09	0	-0,008106	0	-1,6E-05	0
3	LM71SX	LinStatic	-3,284E-08	0	-0,009191	0	-0,003872	0
3	LM71DX	LinStatic	-7,285E-09	0	0,001225	0	0,003858	0
4	PP	LinStatic	1,943E-07	0	-0,008806	0	-1,8E-05	0
4	REINTSUP	LinStatic	-2,008E-07	0	-0,044275	0	-7E-05	0
4	BALLAST	LinStatic	-1,3E-08	0	-0,002867	0	-4,506E-06	0
4	STERRASX	LinStatic	0,172598	0	0,031097	0	0,025726	0
4	STERRADX	LinStatic	-0,172588	0	-0,031093	0	-0,025681	0
4	TERMP	LinStatic	-2,186E-07	0	-4,756E-06	0	-1,6E-05	0
4	TERMN	LinStatic	6,557E-07	0	1,4E-05	0	4,9E-05	0
4	GRADTP	LinStatic	5,07E-07	0	-3,681E-06	0	-6,057E-06	0
4	GRADTN	LinStatic	-5,07E-07	0	3,681E-06	0	6,057E-06	0
4	LM71C	LinStatic	-3,611E-08	0	-0,007963	0	-1,3E-05	0
4	STLM71	LinStatic	0,022354	0	0,004159	0	0,003441	0
4	AVVLM71	LinStatic	0,01648	0	0,006133	0	0,005065	0
4	SW2	LinStatic	-3,611E-08	0	-0,007963	0	-1,3E-05	0
4	STSW2	LinStatic	0,022354	0	0,004159	0	0,003441	0
4	FRENSW2	LinStatic	0,017476	0	0,006503	0	0,005371	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	0,135931	0	0,025293	0	0,020923	0
4	LM71SISO	LinStatic	0,003324	0	0,001237	0	0,001022	0
4	SW2SISO	LinStatic	0,004976	0	0,001852	0	0,001529	0
4	SISMAO	LinStatic	0,014228	0	0,003673	0	0,003035	0
4	LM71SVA	LinStatic	7,493E-10	0	0,000165	0	2,597E-07	0
4	SW2SVA	LinStatic	1,119E-09	0	0,000247	0	3,88E-07	0
4	SISMAVA	LinStatic	-4,849E-09	0	0,008103	0	1,5E-05	0
4	LM71SVB	LinStatic	-7,493E-10	0	-0,000165	0	-2,597E-07	0
4	SW2SVB	LinStatic	-1,119E-09	0	-0,000247	0	-3,88E-07	0
4	SISMAVB	LinStatic	4,849E-09	0	-0,008103	0	-1,5E-05	0
4	LM71SX	LinStatic	-2,785E-08	0	-0,008668	0	-0,00387	0
4	LM71DX	LinStatic	-8,266E-09	0	0,000705	0	0,003857	0
5	PP	LinStatic	1,727E-07	0	-0,008804	0	-1,6E-05	0
5	REINTSUP	LinStatic	-1,785E-07	0	-0,044265	0	-5,7E-05	0
5	BALLAST	LinStatic	-1,156E-08	0	-0,002866	0	-3,688E-06	0
5	STERRASX	LinStatic	0,172597	0	0,027627	0	0,025689	0
5	STERRADX	LinStatic	-0,172588	0	-0,027628	0	-0,025657	0
5	TERMP	LinStatic	-1,943E-07	0	-2,638E-06	0	-1,5E-05	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
5	TERMN	LinStatic	5,828E-07	0	7,913E-06	0	4,4E-05	0
5	GRADTP	LinStatic	4,507E-07	0	-2,61E-06	0	-7,028E-06	0
5	GRADTN	LinStatic	-4,507E-07	0	2,61E-06	0	7,028E-06	0
5	LM71C	LinStatic	-3,21E-08	0	-0,007961	0	-1E-05	0
5	STLM71	LinStatic	0,022353	0	0,003695	0	0,003436	0
5	AVVLM71	LinStatic	0,01648	0	0,00545	0	0,00506	0
5	SW2	LinStatic	-3,21E-08	0	-0,007961	0	-1E-05	0
5	STSW2	LinStatic	0,022353	0	0,003695	0	0,003436	0
5	FRENSW2	LinStatic	0,017475	0	0,005779	0	0,005366	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	0,13593	0	0,022471	0	0,020894	0
5	LM71SISO	LinStatic	0,003324	0	0,001099	0	0,001021	0
5	SW2SISO	LinStatic	0,004976	0	0,001645	0	0,001528	0
5	SISMAO	LinStatic	0,014228	0	0,003264	0	0,003032	0
5	LM71SVA	LinStatic	6,661E-10	0	0,000165	0	2,125E-07	0
5	SW2SVA	LinStatic	9,951E-10	0	0,000247	0	3,175E-07	0
5	SISMAVA	LinStatic	-4,31E-09	0	0,008101	0	1,2E-05	0
5	LM71SVB	LinStatic	-6,661E-10	0	-0,000165	0	-2,125E-07	0
5	SW2SVB	LinStatic	-9,951E-10	0	-0,000247	0	-3,175E-07	0
5	SISMAVB	LinStatic	4,31E-09	0	-0,008101	0	-1,2E-05	0
5	LM71SX	LinStatic	-2,285E-08	0	-0,008145	0	-0,003868	0
5	LM71DX	LinStatic	-9,247E-09	0	0,000184	0	0,003857	0
6	PP	LinStatic	1,511E-07	0	-0,008802	0	-1,4E-05	0
6	REINTSUP	LinStatic	-1,562E-07	0	-0,044258	0	-4,2E-05	0
6	BALLAST	LinStatic	-1,011E-08	0	-0,002866	0	-2,711E-06	0
6	STERRASX	LinStatic	0,172596	0	0,024163	0	0,025656	0
6	STERRADX	LinStatic	-0,172588	0	-0,024167	0	-0,025635	0
6	TERMP	LinStatic	-1,7E-07	0	-7,46E-07	0	-1,3E-05	0
6	TERMN	LinStatic	5,1E-07	0	2,238E-06	0	3,9E-05	0
6	GRADTP	LinStatic	3,944E-07	0	-1,437E-06	0	-7,587E-06	0
6	GRADTN	LinStatic	-3,944E-07	0	1,437E-06	0	7,587E-06	0
6	LM71C	LinStatic	-2,809E-08	0	-0,00796	0	-7,532E-06	0
6	STLM71	LinStatic	0,022353	0	0,003232	0	0,003432	0
6	AVVLM71	LinStatic	0,01648	0	0,004767	0	0,005056	0
6	SW2	LinStatic	-2,809E-08	0	-0,00796	0	-7,532E-06	0
6	STSW2	LinStatic	0,022353	0	0,003232	0	0,003432	0
6	FRENSW2	LinStatic	0,017475	0	0,005055	0	0,005361	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	0,135929	0	0,019654	0	0,020867	0
6	LM71SISO	LinStatic	0,003324	0	0,000961	0	0,00102	0
6	SW2SISO	LinStatic	0,004976	0	0,001439	0	0,001527	0
6	SISMAO	LinStatic	0,014228	0	0,002855	0	0,003029	0
6	LM71SVA	LinStatic	5,828E-10	0	0,000165	0	1,563E-07	0
6	SW2SVA	LinStatic	8,707E-10	0	0,000247	0	2,335E-07	0
6	SISMAVA	LinStatic	-3,772E-09	0	0,0081	0	9,545E-06	0
6	LM71SVB	LinStatic	-5,828E-10	0	-0,000165	0	-1,563E-07	0
6	SW2SVB	LinStatic	-8,707E-10	0	-0,000247	0	-2,335E-07	0
6	SISMAVB	LinStatic	3,772E-09	0	-0,0081	0	-9,545E-06	0
6	LM71SX	LinStatic	-1,786E-08	0	-0,007623	0	-0,003865	0
6	LM71DX	LinStatic	-1,023E-08	0	-0,000337	0	0,003857	0
7	PP	LinStatic	1,295E-07	0	-0,0088	0	-1,1E-05	0
7	REINTSUP	LinStatic	-1,339E-07	0	-0,044253	0	-2,6E-05	0
7	BALLAST	LinStatic	-8,667E-09	0	-0,002865	0	-1,679E-06	0
7	STERRASX	LinStatic	0,172595	0	0,020704	0	0,025627	0
7	STERRADX	LinStatic	-0,172588	0	-0,020709	0	-0,025614	0
7	TERMP	LinStatic	-1,457E-07	0	9,134E-07	0	-1,1E-05	0
7	TERMN	LinStatic	4,371E-07	0	-2,74E-06	0	3,4E-05	0
7	GRADTP	LinStatic	3,38E-07	0	-2,152E-07	0	-7,736E-06	0
7	GRADTN	LinStatic	-3,38E-07	0	2,152E-07	0	7,736E-06	0
7	LM71C	LinStatic	-2,407E-08	0	-0,007959	0	-4,665E-06	0
7	STLM71	LinStatic	0,022353	0	0,002769	0	0,003428	0
7	AVVLM71	LinStatic	0,01648	0	0,004085	0	0,005052	0
7	SW2	LinStatic	-2,407E-08	0	-0,007959	0	-4,665E-06	0
7	STSW2	LinStatic	0,022353	0	0,002769	0	0,003428	0
7	FRENSW2	LinStatic	0,017475	0	0,004332	0	0,005357	0
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	0,135928	0	0,01684	0	0,020844	0
7	LM71SISO	LinStatic	0,003324	0	0,000824	0	0,001019	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
7	SW2SISO	LinStatic	0,004976	0	0,001233	0	0,001525	0
7	SISMAO	LinStatic	0,014228	0	0,002446	0	0,003026	0
7	LM71SVA	LinStatic	4,995E-10	0	0,000165	0	9,68E-08	0
7	SW2SVA	LinStatic	7,463E-10	0	0,000247	0	1,446E-07	0
7	SISMAVA	LinStatic	-3,233E-09	0	0,008098	0	6,555E-06	0
7	LM71SVB	LinStatic	-4,995E-10	0	-0,000165	0	-9,68E-08	0
7	SW2SVB	LinStatic	-7,463E-10	0	-0,000247	0	-1,446E-07	0
7	SISMAVB	LinStatic	3,233E-09	0	-0,008098	0	-6,555E-06	0
7	LM71SX	LinStatic	-1,287E-08	0	-0,007102	0	-0,003862	0
7	LM71DX	LinStatic	-1,121E-08	0	-0,000857	0	0,003857	0
8	PP	LinStatic	1,08E-07	0	-0,008798	0	-8,755E-06	0
8	REINTSUP	LinStatic	-1,115E-07	0	-0,044251	0	-1,1E-05	0
8	BALLAST	LinStatic	-7,222E-09	0	-0,002865	0	-6,929E-07	0
8	STERRASX	LinStatic	0,172594	0	0,017248	0	0,025603	0
8	STERRADX	LinStatic	-0,172588	0	-0,017253	0	-0,025597	0
8	TERMP	LinStatic	-1,214E-07	0	2,335E-06	0	-9,506E-06	0
8	TERMN	LinStatic	3,643E-07	0	-7,005E-06	0	2,9E-05	0
8	GRADTP	LinStatic	2,817E-07	0	9,986E-07	0	-7,474E-06	0
8	GRADTN	LinStatic	-2,817E-07	0	-9,986E-07	0	7,474E-06	0
8	LM71C	LinStatic	-2,006E-08	0	-0,007959	0	-1,925E-06	0
8	STLM71	LinStatic	0,022353	0	0,002307	0	0,003425	0
8	AVVLM71	LinStatic	0,01648	0	0,003403	0	0,005049	0
8	SW2	LinStatic	-2,006E-08	0	-0,007959	0	-1,925E-06	0
8	STSW2	LinStatic	0,022353	0	0,002307	0	0,003425	0
8	FRENSW2	LinStatic	0,017475	0	0,003609	0	0,005354	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	0,135927	0	0,014029	0	0,020824	0
8	LM71SISO	LinStatic	0,003324	0	0,000686	0	0,001018	0
8	SW2SISO	LinStatic	0,004976	0	0,001028	0	0,001524	0
8	SISMAO	LinStatic	0,014228	0	0,002038	0	0,003024	0
8	LM71SVA	LinStatic	4,163E-10	0	0,000165	0	3,994E-08	0
8	SW2SVA	LinStatic	6,219E-10	0	0,000247	0	5,967E-08	0
8	SISMAVA	LinStatic	-2,694E-09	0	0,008098	0	3,628E-06	0
8	LM71SVB	LinStatic	-4,163E-10	0	-0,000165	0	-3,994E-08	0
8	SW2SVB	LinStatic	-6,219E-10	0	-0,000247	0	-5,967E-08	0
8	SISMAVB	LinStatic	2,694E-09	0	-0,008098	0	-3,628E-06	0
8	LM71SX	LinStatic	-7,872E-09	0	-0,006581	0	-0,003859	0
8	LM71DX	LinStatic	-1,219E-08	0	-0,001378	0	0,003857	0
9	PP	LinStatic	8,636E-08	0	-0,008797	0	-6,06E-06	0
9	REINTSUP	LinStatic	-8,924E-08	0	-0,044252	0	2,261E-06	0
9	BALLAST	LinStatic	-5,778E-09	0	-0,002865	0	1,464E-07	0
9	STERRASX	LinStatic	0,172593	0	0,013795	0	0,025584	0
9	STERRADX	LinStatic	-0,172588	0	-0,013801	0	-0,025583	0
9	TERMP	LinStatic	-9,714E-08	0	3,514E-06	0	-7,686E-06	0
9	TERMN	LinStatic	2,914E-07	0	-1,1E-05	0	2,3E-05	0
9	GRADTP	LinStatic	2,254E-07	0	2,149E-06	0	-6,801E-06	0
9	GRADTN	LinStatic	-2,254E-07	0	-2,149E-06	0	6,801E-06	0
9	LM71C	LinStatic	-1,605E-08	0	-0,007959	0	4,066E-07	0
9	STLM71	LinStatic	0,022353	0	0,001845	0	0,003422	0
9	AVVLM71	LinStatic	0,01648	0	0,002722	0	0,005046	0
9	SW2	LinStatic	-1,605E-08	0	-0,007959	0	4,066E-07	0
9	STSW2	LinStatic	0,022353	0	0,001845	0	0,003422	0
9	FRENSW2	LinStatic	0,017475	0	0,002887	0	0,005351	0
9	SERP	LinStatic	0	0	0	0	0	0
9	INCRTER	LinStatic	0,135927	0	0,011221	0	0,020809	0
9	LM71SISO	LinStatic	0,003324	0	0,000549	0	0,001018	0
9	SW2SISO	LinStatic	0,004976	0	0,000822	0	0,001524	0
9	SISMAO	LinStatic	0,014228	0	0,00163	0	0,003022	0
9	LM71SVA	LinStatic	3,33E-10	0	0,000165	0	-8,438E-09	0
9	SW2SVA	LinStatic	4,975E-10	0	0,000247	0	-1,261E-08	0
9	SISMAVA	LinStatic	-2,155E-09	0	0,008098	0	1,052E-06	0
9	LM71SVB	LinStatic	-3,33E-10	0	-0,000165	0	8,438E-09	0
9	SW2SVB	LinStatic	-4,975E-10	0	-0,000247	0	1,261E-08	0
9	SISMAVB	LinStatic	2,155E-09	0	-0,008098	0	-1,052E-06	0
9	LM71SX	LinStatic	-2,878E-09	0	-0,00606	0	-0,003856	0
9	LM71DX	LinStatic	-1,317E-08	0	-0,001899	0	0,003856	0
10	PP	LinStatic	6,477E-08	0	-0,008797	0	-3,613E-06	0
10	REINTSUP	LinStatic	-6,693E-08	0	-0,044255	0	1,1E-05	0

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Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
10	BALLAST	LinStatic	-4,333E-09	0	-0,002865	0	7,371E-07	0
10	STERRASX	LinStatic	0,172592	0	0,010345	0	0,025572	0
10	STERRADX	LinStatic	-0,172589	0	-0,01035	0	-0,025574	0
10	TERMP	LinStatic	-7,285E-08	0	4,444E-06	0	-5,825E-06	0
10	TERMN	LinStatic	2,186E-07	0	-1,3E-05	0	1,7E-05	0
10	GRADTP	LinStatic	1,69E-07	0	3,182E-06	0	-5,717E-06	0
10	GRADTN	LinStatic	-1,69E-07	0	-3,182E-06	0	5,717E-06	0
10	LM71C	LinStatic	-1,204E-08	0	-0,00796	0	2,048E-06	0
10	STLM71	LinStatic	0,022353	0	0,001384	0	0,00342	0
10	AVVLM71	LinStatic	0,01648	0	0,002042	0	0,005045	0
10	SW2	LinStatic	-1,204E-08	0	-0,00796	0	2,048E-06	0
10	STSW2	LinStatic	0,022353	0	0,001384	0	0,00342	0
10	FRENSW2	LinStatic	0,017475	0	0,002165	0	0,005349	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	0,135926	0	0,008415	0	0,020799	0
10	LM71SISO	LinStatic	0,003324	0	0,000412	0	0,001017	0
10	SW2SISO	LinStatic	0,004976	0	0,000616	0	0,001523	0
10	SISMAO	LinStatic	0,014228	0	0,001223	0	0,003021	0
10	LM71SVA	LinStatic	2,498E-10	0	0,000165	0	-4,249E-08	0
10	SW2SVA	LinStatic	3,732E-10	0	0,000247	0	-6,348E-08	0
10	SISMAVA	LinStatic	-1,616E-09	0	0,008098	0	-8,861E-07	0
10	LM71SVB	LinStatic	-2,498E-10	0	-0,000165	0	4,249E-08	0
10	SW2SVB	LinStatic	-3,732E-10	0	-0,000247	0	6,348E-08	0
10	SISMAVB	LinStatic	1,616E-09	0	-0,008098	0	8,861E-07	0
10	LM71SX	LinStatic	2,115E-09	0	-0,00554	0	-0,003854	0
10	LM71DX	LinStatic	-1,415E-08	0	-0,002419	0	0,003856	0
11	PP	LinStatic	4,318E-08	0	-0,008797	0	-1,637E-06	0
11	REINTSUP	LinStatic	-4,462E-08	0	-0,04426	0	1,5E-05	0
11	BALLAST	LinStatic	-2,889E-09	0	-0,002866	0	9,779E-07	0
11	STERRASX	LinStatic	0,172592	0	0,006897	0	0,025566	0
11	STERRADX	LinStatic	-0,172589	0	-0,0069	0	-0,025569	0
11	TERMP	LinStatic	-4,857E-08	0	5,121E-06	0	-3,924E-06	0
11	TERMN	LinStatic	1,457E-07	0	-1,5E-05	0	1,2E-05	0
11	GRADTP	LinStatic	1,127E-07	0	4,04E-06	0	-4,222E-06	0
11	GRADTN	LinStatic	-1,127E-07	0	-4,04E-06	0	4,222E-06	0
11	LM71C	LinStatic	-8,025E-09	0	-0,00796	0	2,716E-06	0
11	STLM71	LinStatic	0,022353	0	0,000923	0	0,00342	0
11	AVVLM71	LinStatic	0,01648	0	0,001361	0	0,005044	0
11	SW2	LinStatic	-8,025E-09	0	-0,00796	0	2,716E-06	0
11	STSW2	LinStatic	0,022353	0	0,000923	0	0,00342	0
11	FRENSW2	LinStatic	0,017475	0	0,001443	0	0,005349	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	0,135926	0	0,00561	0	0,020795	0
11	LM71SISO	LinStatic	0,003324	0	0,000275	0	0,001017	0
11	SW2SISO	LinStatic	0,004976	0	0,000411	0	0,001523	0
11	SISMAO	LinStatic	0,014228	0	0,000815	0	0,003021	0
11	LM71SVA	LinStatic	1,665E-10	0	0,000165	0	-5,636E-08	0
11	SW2SVA	LinStatic	2,488E-10	0	0,000247	0	-8,42E-08	0
11	SISMAVA	LinStatic	-1,078E-09	0	0,008099	0	-1,9E-06	0
11	LM71SVB	LinStatic	-1,665E-10	0	-0,000165	0	5,636E-08	0
11	SW2SVB	LinStatic	-2,488E-10	0	-0,000247	0	8,42E-08	0
11	SISMAVB	LinStatic	1,078E-09	0	-0,008099	0	1,9E-06	0
11	LM71SX	LinStatic	7,108E-09	0	-0,00502	0	-0,003853	0
11	LM71DX	LinStatic	-1,513E-08	0	-0,00294	0	0,003855	0
12	PP	LinStatic	2,399E-08	0	-0,008797	0	-4,583E-07	0
12	REINTSUP	LinStatic	-2,479E-08	0	-0,044264	0	1,3E-05	0
12	BALLAST	LinStatic	-1,605E-09	0	-0,002866	0	8,153E-07	0
12	STERRASX	LinStatic	0,172591	0	0,003831	0	0,025566	0
12	STERRADX	LinStatic	-0,17259	0	-0,003834	0	-0,025569	0
12	TERMP	LinStatic	-2,698E-08	0	5,505E-06	0	-2,2E-06	0
12	TERMN	LinStatic	8,095E-08	0	-1,7E-05	0	6,601E-06	0
12	GRADTP	LinStatic	6,26E-08	0	4,612E-06	0	-2,549E-06	0
12	GRADTN	LinStatic	-6,26E-08	0	-4,612E-06	0	2,549E-06	0
12	LM71C	LinStatic	-4,458E-09	0	-0,007961	0	2,265E-06	0
12	STLM71	LinStatic	0,022353	0	0,000513	0	0,00342	0
12	AVVLM71	LinStatic	0,01648	0	0,000756	0	0,005044	0
12	SW2	LinStatic	-4,458E-09	0	-0,007961	0	2,265E-06	0
12	STSW2	LinStatic	0,022353	0	0,000513	0	0,00342	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
12	FRENSW2	LinStatic	0,017475	0	0,000802	0	0,005349	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	0,135925	0	0,003117	0	0,020795	0
12	LM71SISO	LinStatic	0,003324	0	0,000153	0	0,001017	0
12	SW2SISO	LinStatic	0,004976	0	0,000228	0	0,001523	0
12	SISMAO	LinStatic	0,014228	0	0,000453	0	0,003021	0
12	LM71SVA	LinStatic	9,251E-11	0	0,000165	0	-4,699E-08	0
12	SW2SVA	LinStatic	1,382E-10	0	0,000247	0	-7,02E-08	0
12	SISMAVA	LinStatic	-5,987E-10	0	0,0081	0	-1,792E-06	0
12	LM71SVB	LinStatic	-9,251E-11	0	-0,000165	0	4,699E-08	0
12	SW2SVB	LinStatic	-1,382E-10	0	-0,000247	0	7,02E-08	0
12	SISMAVB	LinStatic	5,987E-10	0	-0,0081	0	1,792E-06	0
12	LM71SX	LinStatic	1,155E-08	0	-0,004558	0	-0,003852	0
12	LM71DX	LinStatic	-1,601E-08	0	-0,003403	0	0,003855	0
13	PP	LinStatic	1,199E-08	0	-0,008797	0	-6,968E-08	0
13	REINTSUP	LinStatic	-1,239E-08	0	-0,044267	0	7,735E-06	0
13	BALLAST	LinStatic	-8,025E-10	0	-0,002866	0	5,008E-07	0
13	STERRASX	LinStatic	0,172591	0	0,001916	0	0,025569	0
13	STERRADX	LinStatic	-0,17259	0	-0,001917	0	-0,025571	0
13	TERMP	LinStatic	-1,349E-08	0	5,639E-06	0	-1,106E-06	0
13	TERMN	LinStatic	4,047E-08	0	-1,7E-05	0	3,319E-06	0
13	GRADTP	LinStatic	3,13E-08	0	4,86E-06	0	-1,338E-06	0
13	GRADTN	LinStatic	-3,13E-08	0	-4,86E-06	0	1,338E-06	0
13	LM71C	LinStatic	-2,229E-09	0	-0,007962	0	1,391E-06	0
13	STLM71	LinStatic	0,022353	0	0,000256	0	0,00342	0
13	AVVLM71	LinStatic	0,01648	0	0,000378	0	0,005045	0
13	SW2	LinStatic	-2,229E-09	0	-0,007962	0	1,391E-06	0
13	STSW2	LinStatic	0,022353	0	0,000256	0	0,00342	0
13	FRENSW2	LinStatic	0,017475	0	0,000401	0	0,005349	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	0,135925	0	0,001558	0	0,020797	0
13	LM71SISO	LinStatic	0,003324	0	7,6E-05	0	0,001017	0
13	SW2SISO	LinStatic	0,004976	0	0,000114	0	0,001523	0
13	SISMAO	LinStatic	0,014228	0	0,000226	0	0,003021	0
13	LM71SVA	LinStatic	4,625E-11	0	0,000165	0	-2,887E-08	0
13	SW2SVA	LinStatic	6,91E-11	0	0,000247	0	-4,313E-08	0
13	SISMAVA	LinStatic	-2,993E-10	0	0,0081	0	-1,149E-06	0
13	LM71SVB	LinStatic	-4,625E-11	0	-0,000165	0	2,887E-08	0
13	SW2SVB	LinStatic	-6,91E-11	0	-0,000247	0	4,313E-08	0
13	SISMAVB	LinStatic	2,993E-10	0	-0,0081	0	1,149E-06	0
13	LM71SX	LinStatic	1,432E-08	0	-0,00427	0	-0,003852	0
13	LM71DX	LinStatic	-1,655E-08	0	-0,003692	0	0,003854	0
14	PP	LinStatic	-9,901E-15	0	-0,008797	0	1,449E-14	0
14	REINTSUP	LinStatic	-4,983E-14	0	-0,04427	0	7,278E-14	0
14	BALLAST	LinStatic	-3,226E-15	0	-0,002866	0	4,712E-15	0
14	STERRASX	LinStatic	0,17259	0	-4,72E-07	0	0,025574	0
14	STERRADX	LinStatic	-0,17259	0	-4,72E-07	0	-0,025574	0
14	TERMP	LinStatic	1,707E-15	0	5,691E-06	0	5,949E-16	0
14	TERMN	LinStatic	-4,388E-15	0	-1,7E-05	0	-1,555E-15	0
14	GRADTP	LinStatic	8,018E-18	0	5,012E-06	0	3,218E-17	0
14	GRADTN	LinStatic	-8,018E-18	0	-5,012E-06	0	-3,218E-17	0
14	LM71C	LinStatic	-8,962E-15	0	-0,007962	0	1,309E-14	0
14	STLM71	LinStatic	0,022353	0	-3,741E-08	0	0,003421	0
14	AVVLM71	LinStatic	0,01648	0	-4,768E-15	0	0,005046	0
14	SW2	LinStatic	-8,963E-15	0	-0,007962	0	1,309E-14	0
14	STSW2	LinStatic	0,022353	0	-3,741E-08	0	0,003421	0
14	FRENSW2	LinStatic	0,017475	0	-5,056E-15	0	0,00535	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	0,135925	0	-2,275E-07	0	0,020802	0
14	LM71SISO	LinStatic	0,003324	0	-9,616E-16	0	0,001018	0
14	SW2SISO	LinStatic	0,004976	0	-1,44E-15	0	0,001523	0
14	SISMAO	LinStatic	0,014228	0	-2,369E-15	0	0,003022	0
14	LM71SVA	LinStatic	1,859E-16	0	0,000165	0	-2,716E-16	0
14	SW2SVA	LinStatic	2,778E-16	0	0,000247	0	-4,057E-16	0
14	SISMAVA	LinStatic	9,119E-15	0	0,008101	0	-1,333E-14	0
14	LM71SVB	LinStatic	-1,859E-16	0	-0,000165	0	2,716E-16	0
14	SW2SVB	LinStatic	-2,778E-16	0	-0,000247	0	4,057E-16	0
14	SISMAVB	LinStatic	-9,119E-15	0	-0,008101	0	1,333E-14	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
14	LM71SX	LinStatic	1,71E-08	0	-0,003981	0	-0,003853	0
14	LM71DX	LinStatic	-1,71E-08	0	-0,003981	0	0,003853	0
15	PP	LinStatic	-1,199E-08	0	-0,008797	0	6,968E-08	0
15	REINTSUP	LinStatic	1,239E-08	0	-0,044267	0	-7,735E-06	0
15	BALLAST	LinStatic	8,025E-10	0	-0,002866	0	-5,008E-07	0
15	STERRASX	LinStatic	0,17259	0	-0,001917	0	0,025571	0
15	STERRADX	LinStatic	-0,172591	0	0,001916	0	-0,025569	0
15	TERMP	LinStatic	1,349E-08	0	5,639E-06	0	1,106E-06	0
15	TERMN	LinStatic	-4,047E-08	0	-1,7E-05	0	-3,319E-06	0
15	GRADTP	LinStatic	-3,13E-08	0	4,86E-06	0	1,338E-06	0
15	GRADTN	LinStatic	3,13E-08	0	-4,86E-06	0	-1,338E-06	0
15	LM71C	LinStatic	2,229E-09	0	-0,007962	0	-1,391E-06	0
15	STLM71	LinStatic	0,022353	0	-0,000256	0	0,00342	0
15	AVVLM71	LinStatic	0,01648	0	-0,000378	0	0,005045	0
15	SW2	LinStatic	2,229E-09	0	-0,007962	0	-1,391E-06	0
15	STSW2	LinStatic	0,022353	0	-0,000256	0	0,00342	0
15	FRENSW2	LinStatic	0,017475	0	-0,000401	0	0,005349	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	0,135925	0	-0,001559	0	0,020799	0
15	LM71SISO	LinStatic	0,003324	0	-7,6E-05	0	0,001017	0
15	SW2SISO	LinStatic	0,004976	0	-0,000114	0	0,001523	0
15	SISMAO	LinStatic	0,014228	0	-0,000226	0	0,003021	0
15	LM71SVA	LinStatic	-4,625E-11	0	0,000165	0	2,887E-08	0
15	SW2SVA	LinStatic	-6,91E-11	0	0,000247	0	4,313E-08	0
15	SISMAVA	LinStatic	2,993E-10	0	0,0081	0	1,149E-06	0
15	LM71SVB	LinStatic	4,625E-11	0	-0,000165	0	-2,887E-08	0
15	SW2SVB	LinStatic	6,91E-11	0	-0,000247	0	-4,313E-08	0
15	SISMAVB	LinStatic	-2,993E-10	0	-0,0081	0	-1,149E-06	0
15	LM71SX	LinStatic	1,655E-08	0	-0,003692	0	-0,003854	0
15	LM71DX	LinStatic	-1,432E-08	0	-0,00427	0	0,003852	0
16	PP	LinStatic	-2,399E-08	0	-0,008797	0	4,583E-07	0
16	REINTSUP	LinStatic	2,479E-08	0	-0,044264	0	-1,3E-05	0
16	BALLAST	LinStatic	1,605E-09	0	-0,002866	0	-8,153E-07	0
16	STERRASX	LinStatic	0,17259	0	-0,003834	0	0,025569	0
16	STERRADX	LinStatic	-0,172591	0	0,003831	0	-0,025566	0
16	TERMP	LinStatic	2,698E-08	0	5,505E-06	0	2,2E-06	0
16	TERMN	LinStatic	-8,095E-08	0	-1,7E-05	0	-6,601E-06	0
16	GRADTP	LinStatic	-6,26E-08	0	4,612E-06	0	2,549E-06	0
16	GRADTN	LinStatic	6,26E-08	0	-4,612E-06	0	-2,549E-06	0
16	LM71C	LinStatic	4,458E-09	0	-0,007961	0	-2,265E-06	0
16	STLM71	LinStatic	0,022353	0	-0,000513	0	0,00342	0
16	AVVLM71	LinStatic	0,01648	0	-0,000756	0	0,005044	0
16	SW2	LinStatic	4,458E-09	0	-0,007961	0	-2,265E-06	0
16	STSW2	LinStatic	0,022353	0	-0,000513	0	0,00342	0
16	FRENSW2	LinStatic	0,017475	0	-0,000802	0	0,005349	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	0,135924	0	-0,003118	0	0,020797	0
16	LM71SISO	LinStatic	0,003324	0	-0,000153	0	0,001017	0
16	SW2SISO	LinStatic	0,004976	0	-0,000228	0	0,001523	0
16	SISMAO	LinStatic	0,014228	0	-0,000453	0	0,003021	0
16	LM71SVA	LinStatic	-9,251E-11	0	0,000165	0	4,699E-08	0
16	SW2SVA	LinStatic	-1,382E-10	0	0,000247	0	7,02E-08	0
16	SISMAVA	LinStatic	5,987E-10	0	0,0081	0	1,792E-06	0
16	LM71SVB	LinStatic	9,251E-11	0	-0,000165	0	-4,699E-08	0
16	SW2SVB	LinStatic	1,382E-10	0	-0,000247	0	-7,02E-08	0
16	SISMAVB	LinStatic	-5,987E-10	0	-0,0081	0	-1,792E-06	0
16	LM71SX	LinStatic	1,601E-08	0	-0,003403	0	-0,003855	0
16	LM71DX	LinStatic	-1,155E-08	0	-0,004558	0	0,003852	0
17	PP	LinStatic	-4,318E-08	0	-0,008797	0	1,637E-06	0
17	REINTSUP	LinStatic	4,462E-08	0	-0,04426	0	-1,5E-05	0
17	BALLAST	LinStatic	2,889E-09	0	-0,002866	0	-9,779E-07	0
17	STERRASX	LinStatic	0,172589	0	-0,00069	0	0,025569	0
17	STERRADX	LinStatic	-0,172592	0	0,006897	0	-0,025566	0
17	TERMP	LinStatic	4,857E-08	0	5,121E-06	0	3,924E-06	0
17	TERMN	LinStatic	-1,457E-07	0	-1,5E-05	0	-1,2E-05	0
17	GRADTP	LinStatic	-1,127E-07	0	4,04E-06	0	4,222E-06	0
17	GRADTN	LinStatic	1,127E-07	0	-4,04E-06	0	-4,222E-06	0
17	LM71C	LinStatic	8,025E-09	0	-0,00796	0	-2,716E-06	0



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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
17	STLM71	LinStatic	0,022352	0	-0,000923	0	0,00342	0
17	AVVLM71	LinStatic	0,01648	0	-0,001361	0	0,005044	0
17	SW2	LinStatic	8,025E-09	0	-0,00796	0	-2,716E-06	0
17	STSW2	LinStatic	0,022352	0	-0,000923	0	0,00342	0
17	FRENSW2	LinStatic	0,017475	0	-0,001443	0	0,005349	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	0,135924	0	-0,005612	0	0,020797	0
17	LM71SISO	LinStatic	0,003324	0	-0,000275	0	0,001017	0
17	SW2SISO	LinStatic	0,004976	0	-0,000411	0	0,001523	0
17	SISMAO	LinStatic	0,014228	0	-0,000815	0	0,003021	0
17	LM71SVA	LinStatic	-1,665E-10	0	0,000165	0	5,636E-08	0
17	SW2SVA	LinStatic	-2,488E-10	0	0,000247	0	8,42E-08	0
17	SISMAVA	LinStatic	1,078E-09	0	0,008099	0	1,9E-06	0
17	LM71SVB	LinStatic	1,665E-10	0	-0,000165	0	-5,636E-08	0
17	SW2SVB	LinStatic	2,488E-10	0	-0,000247	0	-8,42E-08	0
17	SISMAVB	LinStatic	-1,078E-09	0	-0,008099	0	-1,9E-06	0
17	LM71SX	LinStatic	1,513E-08	0	-0,00294	0	-0,003855	0
17	LM71DX	LinStatic	-7,108E-09	0	-0,00502	0	0,003853	0
18	PP	LinStatic	-6,477E-08	0	-0,008797	0	3,613E-06	0
18	REINTSUP	LinStatic	6,693E-08	0	-0,044255	0	-1,1E-05	0
18	BALLAST	LinStatic	4,333E-09	0	-0,002865	0	-7,371E-07	0
18	STERRASX	LinStatic	0,172589	0	-0,01035	0	0,025574	0
18	STERRADX	LinStatic	-0,172592	0	0,010345	0	-0,025572	0
18	TERMP	LinStatic	7,285E-08	0	4,444E-06	0	5,825E-06	0
18	TERMN	LinStatic	-2,186E-07	0	-1,3E-05	0	-1,7E-05	0
18	GRADTP	LinStatic	-1,69E-07	0	3,182E-06	0	5,717E-06	0
18	GRADTN	LinStatic	1,69E-07	0	-3,182E-06	0	-5,717E-06	0
18	LM71C	LinStatic	1,204E-08	0	-0,00796	0	-2,048E-06	0
18	STLM71	LinStatic	0,022352	0	-0,001384	0	0,003421	0
18	AVVLM71	LinStatic	0,01648	0	-0,002042	0	0,005045	0
18	SW2	LinStatic	1,204E-08	0	-0,00796	0	-2,048E-06	0
18	STSW2	LinStatic	0,022352	0	-0,001384	0	0,003421	0
18	FRENSW2	LinStatic	0,017475	0	-0,002165	0	0,005349	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	0,135924	0	-0,008418	0	0,020801	0
18	LM71SISO	LinStatic	0,003324	0	-0,000412	0	0,001017	0
18	SW2SISO	LinStatic	0,004976	0	-0,000616	0	0,001523	0
18	SISMAO	LinStatic	0,014228	0	-0,001223	0	0,003021	0
18	LM71SVA	LinStatic	-2,498E-10	0	0,000165	0	4,249E-08	0
18	SW2SVA	LinStatic	-3,732E-10	0	0,000247	0	6,348E-08	0
18	SISMAVA	LinStatic	1,616E-09	0	0,008098	0	8,861E-07	0
18	LM71SVB	LinStatic	2,498E-10	0	-0,000165	0	-4,249E-08	0
18	SW2SVB	LinStatic	3,732E-10	0	-0,000247	0	-6,348E-08	0
18	SISMAVB	LinStatic	-1,616E-09	0	-0,008098	0	-8,861E-07	0
18	LM71SX	LinStatic	1,415E-08	0	-0,002419	0	-0,003856	0
18	LM71DX	LinStatic	-2,115E-09	0	-0,00554	0	0,003854	0
19	PP	LinStatic	-8,636E-08	0	-0,008797	0	6,06E-06	0
19	REINTSUP	LinStatic	8,924E-08	0	-0,044252	0	-2,261E-06	0
19	BALLAST	LinStatic	5,778E-09	0	-0,002865	0	-1,464E-07	0
19	STERRASX	LinStatic	0,172588	0	-0,013801	0	0,025583	0
19	STERRADX	LinStatic	-0,172593	0	0,013795	0	-0,025584	0
19	TERMP	LinStatic	9,714E-08	0	3,514E-06	0	7,686E-06	0
19	TERMN	LinStatic	-2,914E-07	0	-1,1E-05	0	-2,3E-05	0
19	GRADTP	LinStatic	-2,254E-07	0	2,149E-06	0	6,801E-06	0
19	GRADTN	LinStatic	2,254E-07	0	-2,149E-06	0	-6,801E-06	0
19	LM71C	LinStatic	1,605E-08	0	-0,007959	0	-4,066E-07	0
19	STLM71	LinStatic	0,022352	0	-0,001846	0	0,003422	0
19	AVVLM71	LinStatic	0,01648	0	-0,002722	0	0,005046	0
19	SW2	LinStatic	1,605E-08	0	-0,007959	0	-4,066E-07	0
19	STSW2	LinStatic	0,022352	0	-0,001846	0	0,003422	0
19	FRENSW2	LinStatic	0,017475	0	-0,002887	0	0,005351	0
19	SERP	LinStatic	0	0	0	0	0	0
19	INCRTER	LinStatic	0,135923	0	-0,011225	0	0,020809	0
19	LM71SISO	LinStatic	0,003324	0	-0,000549	0	0,001018	0
19	SW2SISO	LinStatic	0,004976	0	-0,000822	0	0,001524	0
19	SISMAO	LinStatic	0,014228	0	-0,00163	0	0,003022	0
19	LM71SVA	LinStatic	-3,33E-10	0	0,000165	0	8,438E-09	0
19	SW2SVA	LinStatic	-4,975E-10	0	0,000247	0	1,261E-08	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
19	SISMAVA	LinStatic	2,155E-09	0	0,008098	0	-1,052E-06	0
19	LM71SVB	LinStatic	3,33E-10	0	-0,000165	0	-8,438E-09	0
19	SW2SVB	LinStatic	4,975E-10	0	-0,000247	0	-1,261E-08	0
19	SISMAVB	LinStatic	-2,155E-09	0	-0,008098	0	1,052E-06	0
19	LM71SX	LinStatic	1,317E-08	0	-0,001899	0	-0,003856	0
19	LM71DX	LinStatic	2,878E-09	0	-0,00606	0	0,003856	0
20	PP	LinStatic	-1,08E-07	0	-0,008798	0	8,755E-06	0
20	REINTSUP	LinStatic	1,115E-07	0	-0,044251	0	1,1E-05	0
20	BALLAST	LinStatic	7,22E-09	0	-0,002865	0	6,929E-07	0
20	STERRASX	LinStatic	0,172588	0	-0,017253	0	0,025597	0
20	STERRADX	LinStatic	-0,172594	0	0,017248	0	-0,025603	0
20	TERMP	LinStatic	1,214E-07	0	2,335E-06	0	9,506E-06	0
20	TERMN	LinStatic	-3,643E-07	0	-7,005E-06	0	-2,9E-05	0
20	GRADTP	LinStatic	-2,817E-07	0	9,986E-07	0	7,474E-06	0
20	GRADTN	LinStatic	2,817E-07	0	-9,986E-07	0	-7,474E-06	0
20	LM71C	LinStatic	2,006E-08	0	-0,007959	0	1,925E-06	0
20	STLM71	LinStatic	0,022352	0	-0,002308	0	0,003424	0
20	AVVLM71	LinStatic	0,01648	0	-0,003403	0	0,005049	0
20	SW2	LinStatic	2,006E-08	0	-0,007959	0	1,925E-06	0
20	STSW2	LinStatic	0,022352	0	-0,002308	0	0,003424	0
20	FRENSW2	LinStatic	0,017475	0	-0,003609	0	0,005354	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	0,135923	0	-0,014034	0	0,02082	0
20	LM71SISO	LinStatic	0,003324	0	-0,000686	0	0,001018	0
20	SW2SISO	LinStatic	0,004976	0	-0,001028	0	0,001524	0
20	SISMAO	LinStatic	0,014228	0	-0,002038	0	0,003024	0
20	LM71SVA	LinStatic	-4,163E-10	0	0,000165	0	-3,994E-08	0
20	SW2SVA	LinStatic	-6,219E-10	0	0,000247	0	-5,967E-08	0
20	SISMAVA	LinStatic	2,694E-09	0	0,008098	0	-3,628E-06	0
20	LM71SVB	LinStatic	4,163E-10	0	-0,000165	0	3,994E-08	0
20	SW2SVB	LinStatic	6,219E-10	0	-0,000247	0	5,967E-08	0
20	SISMAVB	LinStatic	-2,694E-09	0	-0,008098	0	3,628E-06	0
20	LM71SX	LinStatic	1,219E-08	0	-0,001378	0	-0,003857	0
20	LM71DX	LinStatic	7,872E-09	0	-0,006581	0	0,003859	0
21	PP	LinStatic	-1,295E-07	0	-0,0088	0	1,1E-05	0
21	REINTSUP	LinStatic	1,339E-07	0	-0,044253	0	2,6E-05	0
21	BALLAST	LinStatic	8,667E-09	0	-0,002865	0	1,679E-06	0
21	STERRASX	LinStatic	0,172588	0	-0,020709	0	0,025614	0
21	STERRADX	LinStatic	-0,172595	0	0,020704	0	-0,025627	0
21	TERMP	LinStatic	1,457E-07	0	9,134E-07	0	1,1E-05	0
21	TERMN	LinStatic	-4,371E-07	0	-2,74E-06	0	-3,4E-05	0
21	GRADTP	LinStatic	-3,38E-07	0	-2,152E-07	0	7,736E-06	0
21	GRADTN	LinStatic	3,38E-07	0	2,152E-07	0	-7,736E-06	0
21	LM71C	LinStatic	2,407E-08	0	-0,007959	0	4,665E-06	0
21	STLM71	LinStatic	0,022352	0	-0,00277	0	0,003426	0
21	AVVLM71	LinStatic	0,01648	0	-0,004085	0	0,005052	0
21	SW2	LinStatic	2,407E-08	0	-0,007959	0	4,665E-06	0
21	STSW2	LinStatic	0,022352	0	-0,00277	0	0,003426	0
21	FRENSW2	LinStatic	0,017475	0	-0,004332	0	0,005357	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	0,135923	0	-0,016844	0	0,020834	0
21	LM71SISO	LinStatic	0,003324	0	-0,000824	0	0,001019	0
21	SW2SISO	LinStatic	0,004976	0	-0,001233	0	0,001525	0
21	SISMAO	LinStatic	0,014228	0	-0,002446	0	0,003026	0
21	LM71SVA	LinStatic	-4,995E-10	0	0,000165	0	-9,68E-08	0
21	SW2SVA	LinStatic	-7,463E-10	0	0,000247	0	-1,446E-07	0
21	SISMAVA	LinStatic	3,233E-09	0	0,008098	0	-6,555E-06	0
21	LM71SVB	LinStatic	4,995E-10	0	-0,000165	0	9,68E-08	0
21	SW2SVB	LinStatic	7,463E-10	0	-0,000247	0	1,446E-07	0
21	SISMAVB	LinStatic	-3,233E-09	0	-0,008098	0	6,555E-06	0
21	LM71SX	LinStatic	1,121E-08	0	-0,000857	0	-0,003857	0
21	LM71DX	LinStatic	1,287E-08	0	-0,007102	0	0,003862	0
22	PP	LinStatic	-1,511E-07	0	-0,008802	0	1,4E-05	0
22	REINTSUP	LinStatic	1,562E-07	0	-0,044258	0	4,2E-05	0
22	BALLAST	LinStatic	1,011E-08	0	-0,002866	0	2,711E-06	0
22	STERRASX	LinStatic	0,172588	0	-0,024167	0	0,025635	0
22	STERRADX	LinStatic	-0,172596	0	0,024163	0	-0,025656	0
22	TERMP	LinStatic	1,7E-07	0	-7,46E-07	0	1,3E-05	0

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Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
22	TERMN	LinStatic	-5,1E-07	0	2,238E-06	0	-3,9E-05	0
22	GRADTP	LinStatic	-3,944E-07	0	-1,437E-06	0	7,587E-06	0
22	GRADTN	LinStatic	3,944E-07	0	1,437E-06	0	-7,587E-06	0
22	LM71C	LinStatic	2,809E-08	0	-0,00796	0	7,532E-06	0
22	STLM71	LinStatic	0,022352	0	-0,003233	0	0,003429	0
22	AVVLM71	LinStatic	0,01648	0	-0,004767	0	0,005056	0
22	SW2	LinStatic	2,809E-08	0	-0,00796	0	7,532E-06	0
22	STSW2	LinStatic	0,022352	0	-0,003233	0	0,003429	0
22	FRENSW2	LinStatic	0,017475	0	-0,005055	0	0,005361	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	0,135923	0	-0,019657	0	0,020851	0
22	LM71SISO	LinStatic	0,003324	0	-0,000961	0	0,00102	0
22	SW2SISO	LinStatic	0,004976	0	-0,001439	0	0,001527	0
22	SISMAO	LinStatic	0,014228	0	-0,002855	0	0,003029	0
22	LM71SVA	LinStatic	-5,828E-10	0	0,000165	0	-1,563E-07	0
22	SW2SVA	LinStatic	-8,707E-10	0	0,000247	0	-2,335E-07	0
22	SISMAVA	LinStatic	3,772E-09	0	0,0081	0	-9,545E-06	0
22	LM71SVB	LinStatic	5,828E-10	0	-0,000165	0	1,563E-07	0
22	SW2SVB	LinStatic	8,707E-10	0	-0,000247	0	2,335E-07	0
22	SISMAVB	LinStatic	-3,772E-09	0	-0,0081	0	9,545E-06	0
22	LM71SX	LinStatic	1,023E-08	0	-0,000337	0	-0,003857	0
22	LM71DX	LinStatic	1,786E-08	0	-0,007623	0	0,003865	0
23	PP	LinStatic	-1,727E-07	0	-0,008804	0	1,6E-05	0
23	REINTSUP	LinStatic	1,785E-07	0	-0,044265	0	5,7E-05	0
23	BALLAST	LinStatic	1,156E-08	0	-0,002866	0	3,688E-06	0
23	STERRASX	LinStatic	0,172588	0	-0,027628	0	0,025657	0
23	STERRADX	LinStatic	-0,172597	0	0,027627	0	-0,025689	0
23	TERMP	LinStatic	1,943E-07	0	-2,638E-06	0	1,5E-05	0
23	TERMN	LinStatic	-5,828E-07	0	7,913E-06	0	-4,4E-05	0
23	GRADTP	LinStatic	-4,507E-07	0	-2,61E-06	0	7,028E-06	0
23	GRADTN	LinStatic	4,507E-07	0	2,61E-06	0	-7,028E-06	0
23	LM71C	LinStatic	3,21E-08	0	-0,007961	0	1E-05	0
23	STLM71	LinStatic	0,022352	0	-0,003696	0	0,003432	0
23	AVVLM71	LinStatic	0,01648	0	-0,00545	0	0,00506	0
23	SW2	LinStatic	3,21E-08	0	-0,007961	0	1E-05	0
23	STSW2	LinStatic	0,022352	0	-0,003696	0	0,003432	0
23	FRENSW2	LinStatic	0,017475	0	-0,005779	0	0,005366	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	0,135923	0	-0,022472	0	0,020869	0
23	LM71SISO	LinStatic	0,003324	0	-0,001099	0	0,001021	0
23	SW2SISO	LinStatic	0,004976	0	-0,001645	0	0,001528	0
23	SISMAO	LinStatic	0,014228	0	-0,003264	0	0,003032	0
23	LM71SVA	LinStatic	-6,661E-10	0	0,000165	0	-2,125E-07	0
23	SW2SVA	LinStatic	-9,951E-10	0	0,000247	0	-3,175E-07	0
23	SISMAVA	LinStatic	4,31E-09	0	0,008101	0	-1,2E-05	0
23	LM71SVB	LinStatic	6,661E-10	0	-0,000165	0	2,125E-07	0
23	SW2SVB	LinStatic	9,951E-10	0	-0,000247	0	3,175E-07	0
23	SISMAVB	LinStatic	-4,31E-09	0	-0,008101	0	1,2E-05	0
23	LM71SX	LinStatic	9,247E-09	0	0,000184	0	-0,003857	0
23	LM71DX	LinStatic	2,285E-08	0	-0,008145	0	0,003868	0
24	PP	LinStatic	-1,943E-07	0	-0,008806	0	1,8E-05	0
24	REINTSUP	LinStatic	2,008E-07	0	-0,044275	0	7E-05	0
24	BALLAST	LinStatic	1,3E-08	0	-0,002867	0	4,506E-06	0
24	STERRASX	LinStatic	0,172588	0	-0,031093	0	0,025681	0
24	STERRADX	LinStatic	-0,172598	0	0,031097	0	-0,025726	0
24	TERMP	LinStatic	2,186E-07	0	-4,756E-06	0	1,6E-05	0
24	TERMN	LinStatic	-6,557E-07	0	1,4E-05	0	-4,9E-05	0
24	GRADTP	LinStatic	-5,07E-07	0	-3,681E-06	0	6,057E-06	0
24	GRADTN	LinStatic	5,07E-07	0	3,681E-06	0	-6,057E-06	0
24	LM71C	LinStatic	3,611E-08	0	-0,007963	0	1,3E-05	0
24	STLM71	LinStatic	0,022352	0	-0,004159	0	0,003435	0
24	AVVLM71	LinStatic	0,01648	0	-0,006133	0	0,005065	0
24	SW2	LinStatic	3,611E-08	0	-0,007963	0	1,3E-05	0
24	STSW2	LinStatic	0,022352	0	-0,004159	0	0,003435	0
24	FRENSW2	LinStatic	0,017476	0	-0,006503	0	0,005371	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	0,135923	0	-0,025291	0	0,020889	0
24	LM71SISO	LinStatic	0,003324	0	-0,001237	0	0,001022	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
24	SW2SISO	LinStatic	0,004976	0	-0,001852	0	0,001529	0
24	SISMAO	LinStatic	0,014228	0	-0,003673	0	0,003035	0
24	LM71SVA	LinStatic	-7,493E-10	0	0,000165	0	-2,597E-07	0
24	SW2SVA	LinStatic	-1,119E-09	0	0,000247	0	-3,88E-07	0
24	SISMAVA	LinStatic	4,849E-09	0	0,008103	0	-1,5E-05	0
24	LM71SVB	LinStatic	7,493E-10	0	-0,000165	0	2,597E-07	0
24	SW2SVB	LinStatic	1,119E-09	0	-0,000247	0	3,88E-07	0
24	SISMAVB	LinStatic	-4,849E-09	0	-0,008103	0	1,5E-05	0
24	LM71SX	LinStatic	8,266E-09	0	0,000705	0	-0,003857	0
24	LM71DX	LinStatic	2,785E-08	0	-0,008668	0	0,00387	0
25	PP	LinStatic	-2,159E-07	0	-0,008809	0	1,8E-05	0
25	REINTSUP	LinStatic	2,231E-07	0	-0,044287	0	7,8E-05	0
25	BALLAST	LinStatic	1,444E-08	0	-0,002868	0	5,066E-06	0
25	STERRASX	LinStatic	0,172588	0	-0,034562	0	0,025706	0
25	STERRADX	LinStatic	-0,172599	0	0,034571	0	-0,025764	0
25	TERMP	LinStatic	2,428E-07	0	-7,096E-06	0	1,8E-05	0
25	TERMN	LinStatic	-7,285E-07	0	2,1E-05	0	-5,4E-05	0
25	GRADTP	LinStatic	-5,634E-07	0	-4,593E-06	0	4,676E-06	0
25	GRADTN	LinStatic	5,634E-07	0	4,593E-06	0	-4,676E-06	0
25	LM71C	LinStatic	4,012E-08	0	-0,007965	0	1,4E-05	0
25	STLM71	LinStatic	0,022352	0	-0,004623	0	0,003438	0
25	AVVLM71	LinStatic	0,01648	0	-0,006817	0	0,00507	0
25	SW2	LinStatic	4,012E-08	0	-0,007965	0	1,4E-05	0
25	STSW2	LinStatic	0,022352	0	-0,004623	0	0,003438	0
25	FRENSW2	LinStatic	0,017476	0	-0,007229	0	0,005376	0
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	0,135923	0	-0,028112	0	0,020909	0
25	LM71SISO	LinStatic	0,003324	0	-0,001375	0	0,001023	0
25	SW2SISO	LinStatic	0,004976	0	-0,002058	0	0,001531	0
25	SISMAO	LinStatic	0,014228	0	-0,004083	0	0,003038	0
25	LM71SVA	LinStatic	-8,326E-10	0	0,000165	0	-2,92E-07	0
25	SW2SVA	LinStatic	-1,244E-09	0	0,000247	0	-4,363E-07	0
25	SISMAVA	LinStatic	5,388E-09	0	0,008106	0	-1,6E-05	0
25	LM71SVB	LinStatic	8,326E-10	0	-0,000165	0	2,92E-07	0
25	SW2SVB	LinStatic	1,244E-09	0	-0,000247	0	4,363E-07	0
25	SISMAVB	LinStatic	-5,388E-09	0	-0,008106	0	1,6E-05	0
25	LM71SX	LinStatic	7,285E-09	0	0,001225	0	-0,003858	0
25	LM71DX	LinStatic	3,284E-08	0	-0,009191	0	0,003872	0
26	PP	LinStatic	-2,319E-07	0	-0,008812	0	1,8E-05	0
26	REINTSUP	LinStatic	2,396E-07	0	-0,044297	0	8,1E-05	0
26	BALLAST	LinStatic	1,551E-08	0	-0,002868	0	5,257E-06	0
26	STERRASX	LinStatic	0,172588	0	-0,037134	0	0,025723	0
26	STERRADX	LinStatic	-0,1726	0	0,037149	0	-0,025793	0
26	TERMP	LinStatic	2,608E-07	0	-8,968E-06	0	1,9E-05	0
26	TERMN	LinStatic	-7,825E-07	0	2,7E-05	0	-5,8E-05	0
26	GRADTP	LinStatic	-6,051E-07	0	-5,133E-06	0	3,388E-06	0
26	GRADTN	LinStatic	6,051E-07	0	5,133E-06	0	-3,388E-06	0
26	LM71C	LinStatic	4,31E-08	0	-0,007967	0	1,5E-05	0
26	STLM71	LinStatic	0,022352	0	-0,004967	0	0,003441	0
26	AVVLM71	LinStatic	0,01648	0	-0,007324	0	0,005073	0
26	SW2	LinStatic	4,31E-08	0	-0,007967	0	1,5E-05	0
26	STSW2	LinStatic	0,022352	0	-0,004967	0	0,003441	0
26	FRENSW2	LinStatic	0,017476	0	-0,007767	0	0,00538	0
26	SERP	LinStatic	0	0	0	0	0	0
26	INCRTER	LinStatic	0,135923	0	-0,030204	0	0,020923	0
26	LM71SISO	LinStatic	0,003324	0	-0,001477	0	0,001023	0
26	SW2SISO	LinStatic	0,004976	0	-0,002211	0	0,001532	0
26	SISMAO	LinStatic	0,014228	0	-0,004387	0	0,00304	0
26	LM71SVA	LinStatic	-8,942E-10	0	0,000165	0	-3,03E-07	0
26	SW2SVA	LinStatic	-1,336E-09	0	0,000247	0	-4,527E-07	0
26	SISMAVA	LinStatic	5,787E-09	0	0,008108	0	-1,6E-05	0
26	LM71SVB	LinStatic	8,942E-10	0	-0,000165	0	3,03E-07	0
26	SW2SVB	LinStatic	1,336E-09	0	-0,000247	0	4,527E-07	0
26	SISMAVB	LinStatic	-5,787E-09	0	-0,008108	0	1,6E-05	0
26	LM71SX	LinStatic	6,558E-09	0	0,001611	0	-0,003858	0
26	LM71DX	LinStatic	3,654E-08	0	-0,009578	0	0,003872	0
27	PP	LinStatic	-2,479E-07	0	-0,008814	0	1,7E-05	0
27	REINTSUP	LinStatic	2,561E-07	0	-0,044308	0	8E-05	0



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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
27	BALLAST	LinStatic	1,658E-08	0	-0,002869	0	5,209E-06	0
27	STERRASX	LinStatic	0,172588	0	-0,039708	0	0,02574	0
27	STERRADX	LinStatic	-0,172602	0	0,03973	0	-0,025822	0
27	TERMP	LinStatic	2,788E-07	0	-1,1E-05	0	2E-05	0
27	TERMN	LinStatic	-8,365E-07	0	3,3E-05	0	-6,1E-05	0
27	GRADTP	LinStatic	-6,468E-07	0	-5,534E-06	0	1,874E-06	0
27	GRADTN	LinStatic	6,468E-07	0	5,534E-06	0	-1,874E-06	0
27	LM71C	LinStatic	4,607E-08	0	-0,007969	0	1,4E-05	0
27	STLM71	LinStatic	0,022352	0	-0,005311	0	0,003443	0
27	AVVLM71	LinStatic	0,01648	0	-0,007832	0	0,005077	0
27	SW2	LinStatic	4,607E-08	0	-0,007969	0	1,4E-05	0
27	STSW2	LinStatic	0,022352	0	-0,005311	0	0,003443	0
27	FRENSW2	LinStatic	0,017476	0	-0,008305	0	0,005383	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	0,135923	0	-0,032298	0	0,020936	0
27	LM71SISO	LinStatic	0,003324	0	-0,00158	0	0,001024	0
27	SW2SISO	LinStatic	0,004976	0	-0,002365	0	0,001533	0
27	SISMAO	LinStatic	0,014228	0	-0,004691	0	0,003043	0
27	LM71SVA	LinStatic	-9,559E-10	0	0,000165	0	-3,002E-07	0
27	SW2SVA	LinStatic	-1,428E-09	0	0,000247	0	-4,485E-07	0
27	SISMAVA	LinStatic	6,186E-09	0	0,00811	0	-1,6E-05	0
27	LM71SVB	LinStatic	9,559E-10	0	-0,000165	0	3,002E-07	0
27	SW2SVB	LinStatic	1,428E-09	0	-0,000247	0	4,485E-07	0
27	SISMAVB	LinStatic	-6,186E-09	0	-0,00811	0	1,6E-05	0
27	LM71SX	LinStatic	5,832E-09	0	0,001997	0	-0,003858	0
27	LM71DX	LinStatic	4,024E-08	0	-0,009966	0	0,003872	0
28	PP	LinStatic	-1,605E-06	0	-0,008814	0	-1,4E-05	0
28	REINTSUP	LinStatic	-9,962E-06	0	-0,044309	0	-7,4E-05	0
28	BALLAST	LinStatic	-6,45E-07	0	-0,002869	0	-4,767E-06	0
28	STERRASX	LinStatic	0,175838	0	0,03973	0	0,025885	0
28	STERRADX	LinStatic	-0,175809	0	-0,039708	0	-0,025777	0
28	TERMP	LinStatic	-3,069E-06	0	-1,1E-05	0	-2,3E-05	0
28	TERMN	LinStatic	9,208E-06	0	3,3E-05	0	6,9E-05	0
28	GRADTP	LinStatic	8,358E-07	0	-5,607E-06	0	1,791E-06	0
28	GRADTN	LinStatic	-8,358E-07	0	5,607E-06	0	-1,791E-06	0
28	LM71C	LinStatic	-1,792E-06	0	-0,007969	0	-1,3E-05	0
28	STLM71	LinStatic	0,022787	0	0,005314	0	0,003462	0
28	AVVLM71	LinStatic	0,017116	0	0,007832	0	0,005084	0
28	SW2	LinStatic	-1,792E-06	0	-0,007969	0	-1,3E-05	0
28	STSW2	LinStatic	0,022787	0	0,005314	0	0,003462	0
28	FRENSW2	LinStatic	0,018149	0	0,008305	0	0,005391	0
28	SERP	LinStatic	0	0	0	0	0	0
28	INCRTER	LinStatic	0,138566	0	0,032315	0	0,021051	0
28	LM71SISO	LinStatic	0,003452	0	0,00158	0	0,001025	0
28	SW2SISO	LinStatic	0,005168	0	0,002365	0	0,001535	0
28	SISMAO	LinStatic	0,014609	0	0,004691	0	0,003048	0
28	LM71SVA	LinStatic	3,718E-08	0	0,000165	0	2,747E-07	0
28	SW2SVA	LinStatic	5,554E-08	0	0,000247	0	4,104E-07	0
28	SISMAVA	LinStatic	1,904E-06	0	0,00811	0	1,4E-05	0
28	LM71SVB	LinStatic	-3,718E-08	0	-0,000165	0	-2,747E-07	0
28	SW2SVB	LinStatic	-5,554E-08	0	-0,000247	0	-4,104E-07	0
28	SISMAVB	LinStatic	-1,904E-06	0	-0,00811	0	-1,4E-05	0
28	LM71SX	LinStatic	-0,000484	0	-0,009966	0	-0,003871	0
28	LM71DX	LinStatic	0,000482	0	0,001997	0	0,003858	0
29	PP	LinStatic	-8,088E-15	0	-0,008798	0	1,452E-14	0
29	REINTSUP	LinStatic	-4,072E-14	0	-0,044275	0	7,294E-14	0
29	BALLAST	LinStatic	-2,636E-15	0	-0,002867	0	4,722E-15	0
29	STERRASX	LinStatic	0,175794	0	-3,231E-08	0	0,025653	0
29	STERRADX	LinStatic	-0,175794	0	-3,231E-08	0	-0,025653	0
29	TERMP	LinStatic	1,781E-15	0	5,71E-06	0	5,966E-16	0
29	TERMN	LinStatic	-4,583E-15	0	-1,7E-05	0	-1,559E-15	0
29	GRADTP	LinStatic	1,204E-17	0	5,208E-06	0	3,219E-17	0
29	GRADTN	LinStatic	-1,204E-17	0	-5,208E-06	0	-3,219E-17	0
29	LM71C	LinStatic	-7,324E-15	0	-0,007963	0	1,312E-14	0
29	STLM71	LinStatic	0,022781	0	1,961E-08	0	0,003431	0
29	AVVLM71	LinStatic	0,017112	0	-4,769E-15	0	0,005062	0
29	SW2	LinStatic	-7,325E-15	0	-0,007963	0	1,312E-14	0
29	STSW2	LinStatic	0,022781	0	1,961E-08	0	0,003431	0

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
29	FRENSW2	LinStatic	0,018146	0	-5,057E-15	0	0,005367	0
29	SERP	LinStatic	0	0	0	0	0	0
29	INCRTER	LinStatic	0,13853	0	1,192E-07	0	0,020866	0
29	LM71SISO	LinStatic	0,003451	0	-9,619E-16	0	0,001021	0
29	SW2SISO	LinStatic	0,005167	0	-1,44E-15	0	0,001528	0
29	SISMAO	LinStatic	0,014606	0	-2,369E-15	0	0,003031	0
29	LM71SVA	LinStatic	1,519E-16	0	0,000165	0	-2,722E-16	0
29	SW2SVA	LinStatic	2,27E-16	0	0,000247	0	-4,066E-16	0
29	SISMAVA	LinStatic	7,451E-15	0	0,008101	0	-1,336E-14	0
29	LM71SVB	LinStatic	-1,519E-16	0	-0,000165	0	2,722E-16	0
29	SW2SVB	LinStatic	-2,27E-16	0	-0,000247	0	4,066E-16	0
29	SISMAVB	LinStatic	-7,451E-15	0	-0,008101	0	1,336E-14	0
29	LM71SX	LinStatic	-0,000482	0	-0,003982	0	-0,003853	0
29	LM71DX	LinStatic	0,000482	0	-0,003982	0	0,003853	0
30	PP	LinStatic	1,605E-06	0	-0,008814	0	1,4E-05	0
30	REINTSUP	LinStatic	9,962E-06	0	-0,044309	0	7,4E-05	0
30	BALLAST	LinStatic	6,45E-07	0	-0,002869	0	4,767E-06	0
30	STERRASX	LinStatic	0,175809	0	-0,039708	0	0,025777	0
30	STERRADX	LinStatic	-0,175838	0	0,03973	0	-0,025885	0
30	TERMP	LinStatic	3,069E-06	0	-1,1E-05	0	2,3E-05	0
30	TERMN	LinStatic	-9,208E-06	0	3,3E-05	0	-6,9E-05	0
30	GRADTP	LinStatic	-8,358E-07	0	-5,607E-06	0	-1,791E-06	0
30	GRADTN	LinStatic	8,358E-07	0	5,607E-06	0	1,791E-06	0
30	LM71C	LinStatic	1,792E-06	0	-0,007969	0	1,3E-05	0
30	STLM71	LinStatic	0,022783	0	-0,005311	0	0,003448	0
30	AVVLM71	LinStatic	0,017116	0	-0,007832	0	0,005084	0
30	SW2	LinStatic	1,792E-06	0	-0,007969	0	1,3E-05	0
30	STSW2	LinStatic	0,022783	0	-0,005311	0	0,003448	0
30	FRENSW2	LinStatic	0,018149	0	-0,008305	0	0,005391	0
30	SERP	LinStatic	0	0	0	0	0	0
30	INCRTER	LinStatic	0,138543	0	-0,032298	0	0,020966	0
30	LM71SISO	LinStatic	0,003452	0	-0,00158	0	0,001025	0
30	SW2SISO	LinStatic	0,005168	0	-0,002365	0	0,001535	0
30	SISMAO	LinStatic	0,014609	0	-0,004691	0	0,003048	0
30	LM71SVA	LinStatic	-3,718E-08	0	0,000165	0	-2,747E-07	0
30	SW2SVA	LinStatic	-5,554E-08	0	0,000247	0	-4,104E-07	0
30	SISMAVA	LinStatic	-1,904E-06	0	0,00811	0	-1,4E-05	0
30	LM71SVB	LinStatic	3,718E-08	0	-0,000165	0	2,747E-07	0
30	SW2SVB	LinStatic	5,554E-08	0	-0,000247	0	4,104E-07	0
30	SISMAVB	LinStatic	1,904E-06	0	-0,00811	0	1,4E-05	0
30	LM71SX	LinStatic	-0,000482	0	0,001997	0	-0,003858	0
30	LM71DX	LinStatic	0,000484	0	-0,009966	0	0,003871	0
31	PP	LinStatic	-3,091E-06	0	-0,008814	0	-1,1E-05	0
31	REINTSUP	LinStatic	-1,9E-05	0	-0,044311	0	-6,7E-05	0
31	BALLAST	LinStatic	-1,217E-06	0	-0,002869	0	-4,308E-06	0
31	STERRASX	LinStatic	0,179081	0	0,03973	0	0,025933	0
31	STERRADX	LinStatic	-0,179035	0	-0,039709	0	-0,025809	0
31	TERMP	LinStatic	-6,175E-06	0	-1,1E-05	0	-2,5E-05	0
31	TERMN	LinStatic	1,9E-05	0	3,3E-05	0	7,6E-05	0
31	GRADTP	LinStatic	1,445E-06	0	-5,68E-06	0	4,846E-06	0
31	GRADTN	LinStatic	-1,445E-06	0	5,68E-06	0	-4,846E-06	0
31	LM71C	LinStatic	-3,381E-06	0	-0,00797	0	-1,2E-05	0
31	STLM71	LinStatic	0,023221	0	0,005314	0	0,003468	0
31	AVVLM71	LinStatic	0,017752	0	0,007832	0	0,005091	0
31	SW2	LinStatic	-3,381E-06	0	-0,00797	0	-1,2E-05	0
31	STSW2	LinStatic	0,023221	0	0,005314	0	0,003468	0
31	FRENSW2	LinStatic	0,018824	0	0,008305	0	0,005398	0
31	SERP	LinStatic	0	0	0	0	0	0
31	INCRTER	LinStatic	0,141203	0	0,032315	0	0,02109	0
31	LM71SISO	LinStatic	0,00358	0	0,00158	0	0,001027	0
31	SW2SISO	LinStatic	0,00536	0	0,002365	0	0,001537	0
31	SISMAO	LinStatic	0,014991	0	0,004691	0	0,003052	0
31	LM71SVA	LinStatic	7,016E-08	0	0,000165	0	2,483E-07	0
31	SW2SVA	LinStatic	1,048E-07	0	0,000247	0	3,71E-07	0
31	SISMAVA	LinStatic	3,604E-06	0	0,00811	0	1,3E-05	0
31	LM71SVB	LinStatic	-7,016E-08	0	-0,000165	0	-2,483E-07	0
31	SW2SVB	LinStatic	-1,048E-07	0	-0,000247	0	-3,71E-07	0
31	SISMAVB	LinStatic	-3,604E-06	0	-0,00811	0	-1,3E-05	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
31	LM71SX	LinStatic	-0,000968	0	-0,009967	0	-0,00387	0
31	LM71DX	LinStatic	0,000965	0	0,001997	0	0,003858	0
32	PP	LinStatic	-6,27E-15	0	-0,008799	0	1,455E-14	0
32	REINTSUP	LinStatic	-3,159E-14	0	-0,04428	0	7,308E-14	0
32	BALLAST	LinStatic	-2,045E-15	0	-0,002867	0	4,731E-15	0
32	STERRASX	LinStatic	0,179006	0	4,073E-07	0	0,025723	0
32	STERRADX	LinStatic	-0,179006	0	4,073E-07	0	-0,025723	0
32	TERMP	LinStatic	1,856E-15	0	5,73E-06	0	5,981E-16	0
32	TERMN	LinStatic	-4,778E-15	0	-1,7E-05	0	-1,563E-15	0
32	GRADTP	LinStatic	1,607E-17	0	5,404E-06	0	3,22E-17	0
32	GRADTN	LinStatic	-1,607E-17	0	-5,404E-06	0	-3,22E-17	0
32	LM71C	LinStatic	-5,682E-15	0	-0,007964	0	1,314E-14	0
32	STLM71	LinStatic	0,023211	0	7,663E-08	0	0,003441	0
32	AVVLM71	LinStatic	0,017746	0	-4,77E-15	0	0,005076	0
32	SW2	LinStatic	-5,683E-15	0	-0,007964	0	1,314E-14	0
32	STSW2	LinStatic	0,023211	0	7,663E-08	0	0,003441	0
32	FRENSW2	LinStatic	0,018818	0	-5,058E-15	0	0,005382	0
32	SERP	LinStatic	0	0	0	0	0	0
32	INCRTER	LinStatic	0,141143	0	4,66E-07	0	0,020923	0
32	LM71SISO	LinStatic	0,003579	0	-9,621E-16	0	0,001024	0
32	SW2SISO	LinStatic	0,005358	0	-1,44E-15	0	0,001533	0
32	SISMAO	LinStatic	0,014986	0	-2,37E-15	0	0,00304	0
32	LM71SVA	LinStatic	1,179E-16	0	0,000165	0	-2,727E-16	0
32	SW2SVA	LinStatic	1,761E-16	0	0,000247	0	-4,074E-16	0
32	SISMAVA	LinStatic	5,779E-15	0	0,008102	0	-1,338E-14	0
32	LM71SVB	LinStatic	-1,179E-16	0	-0,000165	0	2,727E-16	0
32	SW2SVB	LinStatic	-1,761E-16	0	-0,000247	0	4,074E-16	0
32	SISMAVB	LinStatic	-5,779E-15	0	-0,008102	0	1,338E-14	0
32	LM71SX	LinStatic	-0,000963	0	-0,003982	0	-0,003853	0
32	LM71DX	LinStatic	0,000963	0	-0,003982	0	0,003853	0
33	PP	LinStatic	3,091E-06	0	-0,008814	0	1,1E-05	0
33	REINTSUP	LinStatic	1,9E-05	0	-0,044311	0	6,7E-05	0
33	BALLAST	LinStatic	1,217E-06	0	-0,002869	0	4,308E-06	0
33	STERRASX	LinStatic	0,179035	0	-0,039709	0	0,025809	0
33	STERRADX	LinStatic	-0,179081	0	0,03973	0	-0,025933	0
33	TERMP	LinStatic	6,175E-06	0	-1,1E-05	0	2,5E-05	0
33	TERMN	LinStatic	-1,9E-05	0	3,3E-05	0	-7,6E-05	0
33	GRADTP	LinStatic	-1,445E-06	0	-5,68E-06	0	-4,846E-06	0
33	GRADTN	LinStatic	1,445E-06	0	5,68E-06	0	4,846E-06	0
33	LM71C	LinStatic	3,381E-06	0	-0,00797	0	1,2E-05	0
33	STLM71	LinStatic	0,023215	0	-0,005311	0	0,003452	0
33	AVVLM71	LinStatic	0,017752	0	-0,007832	0	0,005091	0
33	SW2	LinStatic	3,381E-06	0	-0,00797	0	1,2E-05	0
33	STSW2	LinStatic	0,023215	0	-0,005311	0	0,003452	0
33	FRENSW2	LinStatic	0,018824	0	-0,008305	0	0,005398	0
33	SERP	LinStatic	0	0	0	0	0	0
33	INCRTER	LinStatic	0,141167	0	-0,032298	0	0,020993	0
33	LM71SISO	LinStatic	0,00358	0	-0,00158	0	0,001027	0
33	SW2SISO	LinStatic	0,00536	0	-0,002365	0	0,001537	0
33	SISMAO	LinStatic	0,014991	0	-0,004691	0	0,003052	0
33	LM71SVA	LinStatic	-7,016E-08	0	0,000165	0	-2,483E-07	0
33	SW2SVA	LinStatic	-1,048E-07	0	0,000247	0	-3,71E-07	0
33	SISMAVA	LinStatic	-3,604E-06	0	0,00811	0	-1,3E-05	0
33	LM71SVB	LinStatic	7,016E-08	0	-0,000165	0	2,483E-07	0
33	SW2SVB	LinStatic	1,048E-07	0	-0,000247	0	3,71E-07	0
33	SISMAVB	LinStatic	3,604E-06	0	-0,00811	0	1,3E-05	0
33	LM71SX	LinStatic	-0,000965	0	0,001997	0	-0,003858	0
33	LM71DX	LinStatic	0,000968	0	-0,009967	0	0,00387	0
34	PP	LinStatic	-5,937E-06	0	-0,008815	0	-2,099E-06	0
34	REINTSUP	LinStatic	-4,5E-05	0	-0,044316	0	-3,6E-05	0
34	BALLAST	LinStatic	-2,904E-06	0	-0,002869	0	-2,319E-06	0
34	STERRASX	LinStatic	0,192086	0	0,039731	0	0,026	0
34	STERRADX	LinStatic	-0,19197	0	-0,039711	0	-0,025902	0
34	TERMP	LinStatic	-2,1E-05	0	-1,1E-05	0	-3,2E-05	0
34	TERMN	LinStatic	6,3E-05	0	3,3E-05	0	9,7E-05	0
34	GRADTP	LinStatic	6,552E-06	0	-5,974E-06	0	1,1E-05	0
34	GRADTN	LinStatic	-6,552E-06	0	5,974E-06	0	-1,1E-05	0
34	LM71C	LinStatic	-8,066E-06	0	-0,007971	0	-6,442E-06	0

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Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
34	STLM71	LinStatic	0,02496	0	0,005314	0	0,003478	0
34	AVVLM71	LinStatic	0,020303	0	0,007832	0	0,005109	0
34	SW2	LinStatic	-8,066E-06	0	-0,007971	0	-6,442E-06	0
34	STSW2	LinStatic	0,02496	0	0,005314	0	0,003478	0
34	FRENSW2	LinStatic	0,02153	0	0,008305	0	0,005418	0
34	SERP	LinStatic	0	0	0	0	0	0
34	INCRTER	LinStatic	0,151779	0	0,032315	0	0,021147	0
34	LM71SISO	LinStatic	0,004095	0	0,00158	0	0,001031	0
34	SW2SISO	LinStatic	0,00613	0	0,002365	0	0,001543	0
34	SISMAO	LinStatic	0,01652	0	0,004692	0	0,003063	0
34	LM71SVA	LinStatic	1,674E-07	0	0,000165	0	1,337E-07	0
34	SW2SVA	LinStatic	2,5E-07	0	0,000247	0	1,997E-07	0
34	SISMAVA	LinStatic	8,324E-06	0	0,008112	0	6,144E-06	0
34	LM71SVB	LinStatic	-1,674E-07	0	-0,000165	0	-1,337E-07	0
34	SW2SVB	LinStatic	-2,5E-07	0	-0,000247	0	-1,997E-07	0
34	SISMAVB	LinStatic	-8,324E-06	0	-0,008112	0	-6,144E-06	0
34	LM71SX	LinStatic	-0,002902	0	-0,009968	0	-0,003865	0
34	LM71DX	LinStatic	0,002894	0	0,001997	0	0,003858	0
35	PP	LinStatic	1,03E-15	0	-0,008801	0	1,464E-14	0
35	REINTSUP	LinStatic	5,077E-15	0	-0,044299	0	7,351E-14	0
35	BALLAST	LinStatic	3,29E-16	0	-0,002868	0	4,76E-15	0
35	STERRASX	LinStatic	0,191929	0	2,166E-06	0	0,025925	0
35	STERRADX	LinStatic	-0,191929	0	2,166E-06	0	-0,025925	0
35	TERMP	LinStatic	2,156E-15	0	5,808E-06	0	6,023E-16	0
35	TERMN	LinStatic	-5,563E-15	0	-1,7E-05	0	-1,574E-15	0
35	GRADTP	LinStatic	3,218E-17	0	6,188E-06	0	3,223E-17	0
35	GRADTN	LinStatic	-3,218E-17	0	-6,188E-06	0	-3,223E-17	0
35	LM71C	LinStatic	9,117E-16	0	-0,007967	0	1,322E-14	0
35	STLM71	LinStatic	0,024939	0	3,047E-07	0	0,003468	0
35	AVVLM71	LinStatic	0,020296	0	-4,775E-15	0	0,005116	0
35	SW2	LinStatic	9,099E-16	0	-0,007967	0	1,322E-14	0
35	STSW2	LinStatic	0,024939	0	3,047E-07	0	0,003468	0
35	FRENSW2	LinStatic	0,021522	0	-5,064E-15	0	0,005425	0
35	SERP	LinStatic	0	0	0	0	0	0
35	INCRTER	LinStatic	0,151655	0	1,853E-06	0	0,021088	0
35	LM71SISO	LinStatic	0,004094	0	-9,632E-16	0	0,001032	0
35	SW2SISO	LinStatic	0,006128	0	-1,442E-15	0	0,001545	0
35	SISMAO	LinStatic	0,016513	0	-2,373E-15	0	0,003064	0
35	LM71SVA	LinStatic	-1,895E-17	0	0,000165	0	-2,743E-16	0
35	SW2SVA	LinStatic	-2,831E-17	0	0,000247	0	-4,099E-16	0
35	SISMAVA	LinStatic	-9,36E-16	0	0,008106	0	-1,346E-14	0
35	LM71SVB	LinStatic	1,895E-17	0	-0,000165	0	2,743E-16	0
35	SW2SVB	LinStatic	2,831E-17	0	-0,000247	0	4,099E-16	0
35	SISMAVB	LinStatic	9,36E-16	0	-0,008106	0	1,346E-14	0
35	LM71SX	LinStatic	-0,002889	0	-0,003984	0	-0,003853	0
35	LM71DX	LinStatic	0,002889	0	-0,003984	0	0,003853	0
36	PP	LinStatic	5,937E-06	0	-0,008815	0	2,099E-06	0
36	REINTSUP	LinStatic	4,5E-05	0	-0,044316	0	3,6E-05	0
36	BALLAST	LinStatic	2,904E-06	0	-0,002869	0	2,319E-06	0
36	STERRASX	LinStatic	0,19197	0	-0,039711	0	0,025902	0
36	STERRADX	LinStatic	-0,192086	0	0,039731	0	-0,026	0
36	TERMP	LinStatic	2,1E-05	0	-1,1E-05	0	3,2E-05	0
36	TERMN	LinStatic	-6,3E-05	0	3,3E-05	0	-9,7E-05	0
36	GRADTP	LinStatic	-6,552E-06	0	-5,974E-06	0	-1,1E-05	0
36	GRADTN	LinStatic	6,552E-06	0	5,974E-06	0	1,1E-05	0
36	LM71C	LinStatic	8,066E-06	0	-0,007971	0	6,442E-06	0
36	STLM71	LinStatic	0,024945	0	-0,005312	0	0,003465	0
36	AVVLM71	LinStatic	0,020303	0	-0,007832	0	0,005109	0
36	SW2	LinStatic	8,066E-06	0	-0,007971	0	6,442E-06	0
36	STSW2	LinStatic	0,024945	0	-0,005312	0	0,003465	0
36	FRENSW2	LinStatic	0,02153	0	-0,008305	0	0,005418	0
36	SERP	LinStatic	0	0	0	0	0	0
36	INCRTER	LinStatic	0,151688	0	-0,0323	0	0,021069	0
36	LM71SISO	LinStatic	0,004095	0	-0,00158	0	0,001031	0
36	SW2SISO	LinStatic	0,00613	0	-0,002365	0	0,001543	0
36	SISMAO	LinStatic	0,01652	0	-0,004692	0	0,003063	0
36	LM71SVA	LinStatic	-1,674E-07	0	0,000165	0	-1,337E-07	0
36	SW2SVA	LinStatic	-2,5E-07	0	0,000247	0	-1,997E-07	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
36	SISMAVA	LinStatic	-8,324E-06	0	0,008112	0	-6,144E-06	0
36	LM71SVB	LinStatic	1,674E-07	0	-0,000165	0	1,337E-07	0
36	SW2SVB	LinStatic	2,5E-07	0	-0,000247	0	1,997E-07	0
36	SISMAVB	LinStatic	8,324E-06	0	-0,008112	0	6,144E-06	0
36	LM71SX	LinStatic	-0,002894	0	0,001997	0	-0,003858	0
36	LM71DX	LinStatic	0,002902	0	-0,009968	0	0,003865	0
37	PP	LinStatic	-5,238E-06	0	-0,008816	0	3,118E-06	0
37	REINTSUP	LinStatic	-5,5E-05	0	-0,044322	0	-1,223E-06	0
37	BALLAST	LinStatic	-3,533E-06	0	-0,00287	0	-7,918E-08	0
37	STERRASX	LinStatic	0,20508	0	0,039732	0	0,025929	0
37	STERRADX	LinStatic	-0,204936	0	-0,039713	0	-0,025933	0
37	TERMP	LinStatic	-3,8E-05	0	-1,1E-05	0	-3,5E-05	0
37	TERMN	LinStatic	0,000115	0	3,3E-05	0	0,000105	0
37	GRADTP	LinStatic	1,2E-05	0	-6,268E-06	0	7,273E-06	0
37	GRADTN	LinStatic	-1,2E-05	0	6,268E-06	0	-7,273E-06	0
37	LM71C	LinStatic	-9,814E-06	0	-0,007972	0	-2,199E-07	0
37	STLM71	LinStatic	0,026698	0	0,005314	0	0,003469	0
37	AVVLM71	LinStatic	0,022861	0	0,007833	0	0,005116	0
37	SW2	LinStatic	-9,814E-06	0	-0,007972	0	-2,199E-07	0
37	STSW2	LinStatic	0,026698	0	0,005314	0	0,003469	0
37	FRENSW2	LinStatic	0,024242	0	0,008306	0	0,005425	0
37	SERP	LinStatic	0	0	0	0	0	0
37	INCRTER	LinStatic	0,162349	0	0,032316	0	0,021093	0
37	LM71SISO	LinStatic	0,004611	0	0,00158	0	0,001032	0
37	SW2SISO	LinStatic	0,006903	0	0,002365	0	0,001545	0
37	SISMAO	LinStatic	0,018053	0	0,004692	0	0,003064	0
37	LM71SVA	LinStatic	2,036E-07	0	0,000165	0	4,564E-09	0
37	SW2SVA	LinStatic	3,042E-07	0	0,000247	0	6,818E-09	0
37	SISMAVA	LinStatic	9,749E-06	0	0,008113	0	-3,984E-07	0
37	LM71SVB	LinStatic	-2,036E-07	0	-0,000165	0	-4,564E-09	0
37	SW2SVB	LinStatic	-3,042E-07	0	-0,000247	0	-6,818E-09	0
37	SISMAVB	LinStatic	-9,749E-06	0	-0,008113	0	3,984E-07	0
37	LM71SX	LinStatic	-0,004833	0	-0,009969	0	-0,003859	0
37	LM71DX	LinStatic	0,004823	0	0,001997	0	0,003859	0
38	PP	LinStatic	8,364E-15	0	-0,008802	0	1,468E-14	0
38	REINTSUP	LinStatic	4,191E-14	0	-0,044319	0	7,375E-14	0
38	BALLAST	LinStatic	2,714E-15	0	-0,00287	0	4,775E-15	0
38	STERRASX	LinStatic	0,204921	0	3,924E-06	0	0,025999	0
38	STERRADX	LinStatic	-0,204921	0	3,924E-06	0	-0,025999	0
38	TERMP	LinStatic	2,458E-15	0	5,886E-06	0	6,038E-16	0
38	TERMN	LinStatic	-6,351E-15	0	-1,8E-05	0	-1,577E-15	0
38	GRADTP	LinStatic	4,83E-17	0	6,972E-06	0	3,225E-17	0
38	GRADTN	LinStatic	-4,83E-17	0	-6,972E-06	0	-3,225E-17	0
38	LM71C	LinStatic	7,536E-15	0	-0,007971	0	1,326E-14	0
38	STLM71	LinStatic	0,026677	0	5,328E-07	0	0,003478	0
38	AVVLM71	LinStatic	0,02286	0	-4,78E-15	0	0,00513	0
38	SW2	LinStatic	7,533E-15	0	-0,007971	0	1,326E-14	0
38	STSW2	LinStatic	0,026677	0	5,328E-07	0	0,003478	0
38	FRENSW2	LinStatic	0,02424	0	-5,069E-15	0	0,005439	0
38	SERP	LinStatic	0	0	0	0	0	0
38	INCRTER	LinStatic	0,162223	0	3,24E-06	0	0,021148	0
38	LM71SISO	LinStatic	0,004611	0	-9,642E-16	0	0,001035	0
38	SW2SISO	LinStatic	0,006902	0	-1,443E-15	0	0,001549	0
38	SISMAO	LinStatic	0,018048	0	-2,376E-15	0	0,003072	0
38	LM71SVA	LinStatic	-1,564E-16	0	0,000165	0	-2,752E-16	0
38	SW2SVA	LinStatic	-2,337E-16	0	0,000247	0	-4,112E-16	0
38	SISMAVA	LinStatic	-7,682E-15	0	0,008109	0	-1,351E-14	0
38	LM71SVB	LinStatic	1,564E-16	0	-0,000165	0	2,752E-16	0
38	SW2SVB	LinStatic	2,337E-16	0	-0,000247	0	4,112E-16	0
38	SISMAVB	LinStatic	7,682E-15	0	-0,008109	0	1,351E-14	0
38	LM71SX	LinStatic	-0,004817	0	-0,003985	0	-0,003856	0
38	LM71DX	LinStatic	0,004817	0	-0,003985	0	0,003856	0
39	PP	LinStatic	5,238E-06	0	-0,008816	0	-3,118E-06	0
39	REINTSUP	LinStatic	5,5E-05	0	-0,044322	0	1,223E-06	0
39	BALLAST	LinStatic	3,533E-06	0	-0,00287	0	7,918E-08	0
39	STERRASX	LinStatic	0,204936	0	-0,039713	0	0,025933	0
39	STERRADX	LinStatic	-0,20508	0	0,039732	0	-0,025929	0
39	TERMP	LinStatic	3,8E-05	0	-1,1E-05	0	3,5E-05	0

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Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
39	TERMN	LinStatic	-0,000115	0	3,3E-05	0	-0,000105	0
39	GRADTP	LinStatic	-1,2E-05	0	-6,268E-06	0	-7,273E-06	0
39	GRADTN	LinStatic	1,2E-05	0	6,268E-06	0	7,273E-06	0
39	LM71C	LinStatic	9,814E-06	0	-0,007972	0	2,199E-07	0
39	STLM71	LinStatic	0,026679	0	-0,005312	0	0,003469	0
39	AVVLM71	LinStatic	0,022861	0	-0,007833	0	0,005116	0
39	SW2	LinStatic	9,814E-06	0	-0,007972	0	2,199E-07	0
39	STSW2	LinStatic	0,026679	0	-0,005312	0	0,003469	0
39	FRENSW2	LinStatic	0,024242	0	-0,008306	0	0,005425	0
39	SERP	LinStatic	0	0	0	0	0	0
39	INCRTER	LinStatic	0,162235	0	-0,032302	0	0,021094	0
39	LM71SISO	LinStatic	0,004611	0	-0,00158	0	0,001032	0
39	SW2SISO	LinStatic	0,006903	0	-0,002365	0	0,001545	0
39	SISMAO	LinStatic	0,018053	0	-0,004692	0	0,003064	0
39	LM71SVA	LinStatic	-2,036E-07	0	0,000165	0	-4,564E-09	0
39	SW2SVA	LinStatic	-3,042E-07	0	0,000247	0	-6,818E-09	0
39	SISMAVA	LinStatic	-9,749E-06	0	0,008113	0	3,984E-07	0
39	LM71SVB	LinStatic	2,036E-07	0	-0,000165	0	4,564E-09	0
39	SW2SVB	LinStatic	3,042E-07	0	-0,000247	0	6,818E-09	0
39	SISMAVB	LinStatic	9,749E-06	0	-0,008113	0	-3,984E-07	0
39	LM71SX	LinStatic	-0,004823	0	0,001997	0	-0,003859	0
39	LM71DX	LinStatic	0,004833	0	-0,009969	0	0,003859	0
40	PP	LinStatic	-2,868E-06	0	-0,008816	0	4,587E-06	0
40	REINTSUP	LinStatic	-4,6E-05	0	-0,044327	0	3,7E-05	0
40	BALLAST	LinStatic	-2,98E-06	0	-0,00287	0	2,412E-06	0
40	STERRASX	LinStatic	0,218015	0	0,039732	0	0,025798	0
40	STERRADX	LinStatic	-0,217902	0	-0,039715	0	-0,025901	0
40	TERMP	LinStatic	-5,6E-05	0	-1,1E-05	0	-3,3E-05	0
40	TERMN	LinStatic	0,000168	0	3,3E-05	0	0,0001	0
40	GRADTP	LinStatic	1,4E-05	0	-6,562E-06	0	-6,186E-06	0
40	GRADTN	LinStatic	-1,4E-05	0	6,562E-06	0	6,186E-06	0
40	LM71C	LinStatic	-8,277E-06	0	-0,007973	0	6,699E-06	0
40	STLM71	LinStatic	0,028428	0	0,005314	0	0,003451	0
40	AVVLM71	LinStatic	0,025419	0	0,007833	0	0,00511	0
40	SW2	LinStatic	-8,277E-06	0	-0,007973	0	6,699E-06	0
40	STSW2	LinStatic	0,028428	0	0,005314	0	0,003451	0
40	FRENSW2	LinStatic	0,026954	0	0,008306	0	0,005418	0
40	SERP	LinStatic	0	0	0	0	0	0
40	INCRTER	LinStatic	0,172871	0	0,032317	0	0,020987	0
40	LM71SISO	LinStatic	0,005127	0	0,00158	0	0,001031	0
40	SW2SISO	LinStatic	0,007675	0	0,002365	0	0,001543	0
40	SISMAO	LinStatic	0,019584	0	0,004692	0	0,003058	0
40	LM71SVA	LinStatic	1,717E-07	0	0,000165	0	-1,39E-07	0
40	SW2SVA	LinStatic	2,566E-07	0	0,000247	0	-2,077E-07	0
40	SISMAVA	LinStatic	7,927E-06	0	0,008114	0	-6,848E-06	0
40	LM71SVB	LinStatic	-1,717E-07	0	-0,000165	0	1,39E-07	0
40	SW2SVB	LinStatic	-2,566E-07	0	-0,000247	0	2,077E-07	0
40	SISMAVB	LinStatic	-7,927E-06	0	-0,008114	0	6,848E-06	0
40	LM71SX	LinStatic	-0,00676	0	-0,00997	0	-0,003852	0
40	LM71DX	LinStatic	0,006752	0	0,001997	0	0,003859	0
41	PP	LinStatic	1,571E-14	0	-0,008804	0	1,469E-14	0
41	REINTSUP	LinStatic	7,881E-14	0	-0,044338	0	7,38E-14	0
41	BALLAST	LinStatic	5,103E-15	0	-0,002871	0	4,778E-15	0
41	STERRASX	LinStatic	0,217918	0	5,683E-06	0	0,025944	0
41	STERRADX	LinStatic	-0,217918	0	5,683E-06	0	-0,025944	0
41	TERMP	LinStatic	2,76E-15	0	5,964E-06	0	6,025E-16	0
41	TERMN	LinStatic	-7,139E-15	0	-1,8E-05	0	-1,574E-15	0
41	GRADTP	LinStatic	6,443E-17	0	7,755E-06	0	3,226E-17	0
41	GRADTN	LinStatic	-6,443E-17	0	-7,755E-06	0	-3,226E-17	0
41	LM71C	LinStatic	1,417E-14	0	-0,007974	0	1,327E-14	0
41	STLM71	LinStatic	0,028416	0	7,609E-07	0	0,00347	0
41	AVVLM71	LinStatic	0,025424	0	-4,786E-15	0	0,005117	0
41	SW2	LinStatic	1,417E-14	0	-0,007974	0	1,327E-14	0
41	STSW2	LinStatic	0,028416	0	7,609E-07	0	0,00347	0
41	FRENSW2	LinStatic	0,026959	0	-5,075E-15	0	0,005426	0
41	SERP	LinStatic	0	0	0	0	0	0
41	INCRTER	LinStatic	0,172795	0	4,627E-06	0	0,021103	0
41	LM71SISO	LinStatic	0,005128	0	-9,652E-16	0	0,001032	0

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Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
41	SW2SISO	LinStatic	0,007676	0	-1,445E-15	0	0,001545	0
41	SISMAO	LinStatic	0,019584	0	-2,379E-15	0	0,003065	0
41	LM71SVA	LinStatic	-2,941E-16	0	0,000165	0	-2,754E-16	0
41	SW2SVA	LinStatic	-4,394E-16	0	0,000247	0	-4,114E-16	0
41	SISMAVA	LinStatic	-1,444E-14	0	0,008113	0	-1,352E-14	0
41	LM71SVB	LinStatic	2,941E-16	0	-0,000165	0	2,754E-16	0
41	SW2SVB	LinStatic	4,394E-16	0	-0,000247	0	4,114E-16	0
41	SISMAVB	LinStatic	1,444E-14	0	-0,008113	0	1,352E-14	0
41	LM71SX	LinStatic	-0,006746	0	-0,003987	0	-0,003862	0
41	LM71DX	LinStatic	0,006746	0	-0,003987	0	0,003862	0
42	PP	LinStatic	2,868E-06	0	-0,008816	0	-4,587E-06	0
42	REINTSUP	LinStatic	4,6E-05	0	-0,044327	0	-3,7E-05	0
42	BALLAST	LinStatic	2,98E-06	0	-0,00287	0	-2,412E-06	0
42	STERRASX	LinStatic	0,217902	0	-0,039715	0	0,025901	0
42	STERRADX	LinStatic	-0,218015	0	0,039732	0	-0,025798	0
42	TERMP	LinStatic	5,6E-05	0	-1,1E-05	0	3,3E-05	0
42	TERMN	LinStatic	-0,000168	0	3,3E-05	0	-0,0001	0
42	GRADTP	LinStatic	-1,4E-05	0	-6,562E-06	0	6,186E-06	0
42	GRADTN	LinStatic	1,4E-05	0	6,562E-06	0	-6,186E-06	0
42	LM71C	LinStatic	8,277E-06	0	-0,007973	0	-6,699E-06	0
42	STLM71	LinStatic	0,028414	0	-0,005312	0	0,003465	0
42	AVVLM71	LinStatic	0,025419	0	-0,007833	0	0,00511	0
42	SW2	LinStatic	8,277E-06	0	-0,007973	0	-6,699E-06	0
42	STSW2	LinStatic	0,028414	0	-0,005312	0	0,003465	0
42	FRENSW2	LinStatic	0,026954	0	-0,008306	0	0,005418	0
42	SERP	LinStatic	0	0	0	0	0	0
42	INCRTER	LinStatic	0,172781	0	-0,032303	0	0,021068	0
42	LM71SISO	LinStatic	0,005127	0	-0,00158	0	0,001031	0
42	SW2SISO	LinStatic	0,007675	0	-0,002365	0	0,001543	0
42	SISMAO	LinStatic	0,019584	0	-0,004692	0	0,003058	0
42	LM71SVA	LinStatic	-1,717E-07	0	0,000165	0	1,39E-07	0
42	SW2SVA	LinStatic	-2,566E-07	0	0,000247	0	2,077E-07	0
42	SISMAVA	LinStatic	-7,927E-06	0	0,008114	0	6,848E-06	0
42	LM71SVB	LinStatic	1,717E-07	0	-0,000165	0	-1,39E-07	0
42	SW2SVB	LinStatic	2,566E-07	0	-0,000247	0	-2,077E-07	0
42	SISMAVB	LinStatic	7,927E-06	0	-0,008114	0	-6,848E-06	0
42	LM71SX	LinStatic	-0,006752	0	0,001997	0	-0,003859	0
42	LM71DX	LinStatic	0,00676	0	-0,00997	0	0,003852	0
43	PP	LinStatic	-7,003E-07	0	-0,008816	0	2,307E-06	0
43	REINTSUP	LinStatic	-1,7E-05	0	-0,044333	0	8E-05	0
43	BALLAST	LinStatic	-1,118E-06	0	-0,00287	0	5,153E-06	0
43	STERRASX	LinStatic	0,230878	0	0,039733	0	0,025682	0
43	STERRADX	LinStatic	-0,230836	0	-0,039717	0	-0,025807	0
43	TERMP	LinStatic	-7,2E-05	0	-1,1E-05	0	-2,8E-05	0
43	TERMN	LinStatic	0,000215	0	3,3E-05	0	8,3E-05	0
43	GRADTP	LinStatic	5,953E-06	0	-6,856E-06	0	-2,9E-05	0
43	GRADTN	LinStatic	-5,953E-06	0	6,856E-06	0	2,9E-05	0
43	LM71C	LinStatic	-3,106E-06	0	-0,007974	0	1,4E-05	0
43	STLM71	LinStatic	0,030149	0	0,005315	0	0,003436	0
43	AVVLM71	LinStatic	0,027971	0	0,007834	0	0,005091	0
43	SW2	LinStatic	-3,106E-06	0	-0,007974	0	1,4E-05	0
43	STSW2	LinStatic	0,030149	0	0,005315	0	0,003436	0
43	FRENSW2	LinStatic	0,02966	0	0,008307	0	0,005398	0
43	SERP	LinStatic	0	0	0	0	0	0
43	INCRTER	LinStatic	0,183336	0	0,032317	0	0,020892	0
43	LM71SISO	LinStatic	0,005641	0	0,00158	0	0,001027	0
43	SW2SISO	LinStatic	0,008445	0	0,002365	0	0,001537	0
43	SISMAO	LinStatic	0,02111	0	0,004692	0	0,003046	0
43	LM71SVA	LinStatic	6,445E-08	0	0,000165	0	-2,97E-07	0
43	SW2SVA	LinStatic	9,629E-08	0	0,000247	0	-4,437E-07	0
43	SISMAVA	LinStatic	2,903E-06	0	0,008114	0	-1,3E-05	0
43	LM71SVB	LinStatic	-6,445E-08	0	-0,000165	0	2,97E-07	0
43	SW2SVB	LinStatic	-9,629E-08	0	-0,000247	0	4,437E-07	0
43	SISMAVB	LinStatic	-2,903E-06	0	-0,008114	0	1,3E-05	0
43	LM71SX	LinStatic	-0,008685	0	-0,009971	0	-0,003844	0
43	LM71DX	LinStatic	0,008681	0	0,001997	0	0,003858	0
44	PP	LinStatic	2,305E-14	0	-0,008806	0	1,466E-14	0
44	REINTSUP	LinStatic	1,157E-13	0	-0,044357	0	7,364E-14	0

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Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
44	BALLAST	LinStatic	7,491E-15	0	-0,002872	0	4,768E-15	0
44	STERRASX	LinStatic	0,230855	0	7,442E-06	0	0,025762	0
44	STERRADX	LinStatic	-0,230855	0	7,442E-06	0	-0,025762	0
44	TERMP	LinStatic	3,06E-15	0	6,042E-06	0	5,984E-16	0
44	TERMN	LinStatic	-7,924E-15	0	-1,8E-05	0	-1,563E-15	0
44	GRADTP	LinStatic	8,056E-17	0	8,539E-06	0	3,226E-17	0
44	GRADTN	LinStatic	-8,056E-17	0	-8,539E-06	0	-3,226E-17	0
44	LM71C	LinStatic	2,08E-14	0	-0,007978	0	1,324E-14	0
44	STLM71	LinStatic	0,030146	0	9,889E-07	0	0,003446	0
44	AVVL71	LinStatic	0,027975	0	-4,791E-15	0	0,005078	0
44	SW2	LinStatic	2,08E-14	0	-0,007978	0	1,324E-14	0
44	STSW2	LinStatic	0,030146	0	9,889E-07	0	0,003446	0
44	FRENSW2	LinStatic	0,029664	0	-5,08E-15	0	0,005384	0
44	SERP	LinStatic	0	0	0	0	0	0
44	INCRTER	LinStatic	0,183318	0	6,014E-06	0	0,020954	0
44	LM71SISO	LinStatic	0,005642	0	-9,662E-16	0	0,001024	0
44	SW2SISO	LinStatic	0,008446	0	-1,446E-15	0	0,001533	0
44	SISMAO	LinStatic	0,021112	0	-2,382E-15	0	0,003042	0
44	LM71SVA	LinStatic	-4,317E-16	0	0,000166	0	-2,748E-16	0
44	SW2SVA	LinStatic	-6,45E-16	0	0,000247	0	-4,106E-16	0
44	SISMAVA	LinStatic	-2,119E-14	0	0,008116	0	-1,349E-14	0
44	LM71SVB	LinStatic	4,317E-16	0	-0,000166	0	2,748E-16	0
44	SW2SVB	LinStatic	6,45E-16	0	-0,000247	0	4,106E-16	0
44	SISMAVB	LinStatic	2,119E-14	0	-0,008116	0	1,349E-14	0
44	LM71SX	LinStatic	-0,008679	0	-0,003989	0	-0,00387	0
44	LM71DX	LinStatic	0,008679	0	-0,003989	0	0,00387	0
45	PP	LinStatic	7,003E-07	0	-0,008816	0	-2,307E-06	0
45	REINTSUP	LinStatic	1,7E-05	0	-0,044333	0	-8E-05	0
45	BALLAST	LinStatic	1,118E-06	0	-0,00287	0	-5,153E-06	0
45	STERRASX	LinStatic	0,230836	0	-0,039717	0	0,025807	0
45	STERRADX	LinStatic	-0,230878	0	0,039733	0	-0,025682	0
45	TERMP	LinStatic	7,2E-05	0	-1,1E-05	0	2,8E-05	0
45	TERMN	LinStatic	-0,000215	0	3,3E-05	0	-8,3E-05	0
45	GRADTP	LinStatic	-5,953E-06	0	-6,856E-06	0	2,9E-05	0
45	GRADTN	LinStatic	5,953E-06	0	6,856E-06	0	-2,9E-05	0
45	LM71C	LinStatic	3,106E-06	0	-0,007974	0	-1,4E-05	0
45	STLM71	LinStatic	0,030144	0	-0,005313	0	0,003452	0
45	AVVL71	LinStatic	0,027971	0	-0,007834	0	0,005091	0
45	SW2	LinStatic	3,106E-06	0	-0,007974	0	-1,4E-05	0
45	STSW2	LinStatic	0,030144	0	-0,005313	0	0,003452	0
45	FRENSW2	LinStatic	0,02966	0	-0,008307	0	0,005398	0
45	SERP	LinStatic	0	0	0	0	0	0
45	INCRTER	LinStatic	0,183302	0	-0,032305	0	0,020991	0
45	LM71SISO	LinStatic	0,005641	0	-0,00158	0	0,001027	0
45	SW2SISO	LinStatic	0,008445	0	-0,002365	0	0,001537	0
45	SISMAO	LinStatic	0,02111	0	-0,004692	0	0,003046	0
45	LM71SVA	LinStatic	-6,445E-08	0	0,000165	0	2,97E-07	0
45	SW2SVA	LinStatic	-9,629E-08	0	0,000247	0	4,437E-07	0
45	SISMAVA	LinStatic	-2,903E-06	0	0,008114	0	1,3E-05	0
45	LM71SVB	LinStatic	6,445E-08	0	-0,000165	0	-2,97E-07	0
45	SW2SVB	LinStatic	9,629E-08	0	-0,000247	0	-4,437E-07	0
45	SISMAVB	LinStatic	2,903E-06	0	-0,008114	0	-1,3E-05	0
45	LM71SX	LinStatic	-0,008681	0	0,001997	0	-0,003858	0
45	LM71DX	LinStatic	0,008685	0	-0,009971	0	0,003844	0
46	PP	LinStatic	-4,561E-07	0	-0,008816	0	1,401E-06	0
46	REINTSUP	LinStatic	-8,926E-06	0	-0,044334	0	8,9E-05	0
46	BALLAST	LinStatic	-5,779E-07	0	-0,002871	0	5,732E-06	0
46	STERRASX	LinStatic	0,233444	0	0,039733	0	0,025667	0
46	STERRADX	LinStatic	-0,233417	0	-0,039717	0	-0,025781	0
46	TERMP	LinStatic	-7,5E-05	0	-1,1E-05	0	-2,6E-05	0
46	TERMN	LinStatic	0,000224	0	3,3E-05	0	7,8E-05	0
46	GRADTP	LinStatic	2,873E-06	0	-6,915E-06	0	-3,5E-05	0
46	GRADTN	LinStatic	-2,873E-06	0	6,915E-06	0	3,5E-05	0
46	LM71C	LinStatic	-1,605E-06	0	-0,007974	0	1,6E-05	0
46	STLM71	LinStatic	0,030493	0	0,005315	0	0,003434	0
46	AVVL71	LinStatic	0,02848	0	0,007834	0	0,005086	0
46	SW2	LinStatic	-1,605E-06	0	-0,007974	0	1,6E-05	0
46	STSW2	LinStatic	0,030493	0	0,005315	0	0,003434	0

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			m	m	m	Radians	Radians	Radians
46	FRENSW2	LinStatic	0,0302	0	0,008307	0	0,005393	0
46	SERP	LinStatic	0	0	0	0	0	0
46	INCRTER	LinStatic	0,185423	0	0,032317	0	0,02088	0
46	LM71SISO	LinStatic	0,005744	0	0,00158	0	0,001026	0
46	SW2SISO	LinStatic	0,008599	0	0,002365	0	0,001536	0
46	SISMAO	LinStatic	0,021415	0	0,004692	0	0,003043	0
46	LM71SVA	LinStatic	3,331E-08	0	0,000165	0	-3,304E-07	0
46	SW2SVA	LinStatic	4,976E-08	0	0,000247	0	-4,936E-07	0
46	SISMAVA	LinStatic	1,518E-06	0	0,008115	0	-1,4E-05	0
46	LM71SVB	LinStatic	-3,331E-08	0	-0,000165	0	3,304E-07	0
46	SW2SVB	LinStatic	-4,976E-08	0	-0,000247	0	4,936E-07	0
46	SISMAVB	LinStatic	-1,518E-06	0	-0,008115	0	1,4E-05	0
46	LM71SX	LinStatic	-0,009069	0	-0,009971	0	-0,003842	0
46	LM71DX	LinStatic	0,009067	0	0,001998	0	0,003858	0
47	PP	LinStatic	2,452E-14	0	-0,008806	0	1,465E-14	0
47	REINTSUP	LinStatic	1,231E-13	0	-0,044361	0	7,358E-14	0
47	BALLAST	LinStatic	7,967E-15	0	-0,002872	0	4,764E-15	0
47	STERRASX	LinStatic	0,23343	0	7,793E-06	0	0,02571	0
47	STERRADX	LinStatic	-0,23343	0	7,793E-06	0	-0,02571	0
47	TERMP	LinStatic	3,12E-15	0	6,058E-06	0	5,972E-16	0
47	TERMN	LinStatic	-8,081E-15	0	-1,8E-05	0	-1,56E-15	0
47	GRADTP	LinStatic	8,379E-17	0	8,696E-06	0	3,226E-17	0
47	GRADTN	LinStatic	-8,379E-17	0	-8,696E-06	0	-3,226E-17	0
47	LM71C	LinStatic	2,213E-14	0	-0,007979	0	1,323E-14	0
47	STLM71	LinStatic	0,030491	0	1,035E-06	0	0,003439	0
47	AVVLM71	LinStatic	0,028482	0	-4,792E-15	0	0,005067	0
47	SW2	LinStatic	2,212E-14	0	-0,007979	0	1,323E-14	0
47	STSW2	LinStatic	0,030491	0	1,035E-06	0	0,003439	0
47	FRENSW2	LinStatic	0,030202	0	-5,081E-15	0	0,005373	0
47	SERP	LinStatic	0	0	0	0	0	0
47	INCRTER	LinStatic	0,185412	0	6,291E-06	0	0,020911	0
47	LM71SISO	LinStatic	0,005745	0	-9,664E-16	0	0,001022	0
47	SW2SISO	LinStatic	0,0086	0	-1,447E-15	0	0,00153	0
47	SISMAO	LinStatic	0,021416	0	-2,383E-15	0	0,003036	0
47	LM71SVA	LinStatic	-4,592E-16	0	0,000166	0	-2,746E-16	0
47	SW2SVA	LinStatic	-6,861E-16	0	0,000247	0	-4,102E-16	0
47	SISMAVA	LinStatic	-2,254E-14	0	0,008117	0	-1,348E-14	0
47	LM71SVB	LinStatic	4,592E-16	0	-0,000166	0	2,746E-16	0
47	SW2SVB	LinStatic	6,861E-16	0	-0,000247	0	4,102E-16	0
47	SISMAVB	LinStatic	2,254E-14	0	-0,008117	0	1,348E-14	0
47	LM71SX	LinStatic	-0,009066	0	-0,003989	0	-0,003872	0
47	LM71DX	LinStatic	0,009066	0	-0,003989	0	0,003872	0
48	PP	LinStatic	4,561E-07	0	-0,008816	0	-1,401E-06	0
48	REINTSUP	LinStatic	8,926E-06	0	-0,044334	0	-8,9E-05	0
48	BALLAST	LinStatic	5,779E-07	0	-0,002871	0	-5,732E-06	0
48	STERRASX	LinStatic	0,233417	0	-0,039717	0	0,025781	0
48	STERRADX	LinStatic	-0,233444	0	0,039733	0	-0,025667	0
48	TERMP	LinStatic	7,5E-05	0	-1,1E-05	0	2,6E-05	0
48	TERMN	LinStatic	-0,000224	0	3,3E-05	0	-7,8E-05	0
48	GRADTP	LinStatic	-2,873E-06	0	-6,915E-06	0	3,5E-05	0
48	GRADTN	LinStatic	2,873E-06	0	6,915E-06	0	-3,5E-05	0
48	LM71C	LinStatic	1,605E-06	0	-0,007974	0	-1,6E-05	0
48	STLM71	LinStatic	0,030489	0	-0,005313	0	0,003448	0
48	AVVLM71	LinStatic	0,02848	0	-0,007834	0	0,005086	0
48	SW2	LinStatic	1,605E-06	0	-0,007974	0	-1,6E-05	0
48	STSW2	LinStatic	0,030489	0	-0,005313	0	0,003448	0
48	FRENSW2	LinStatic	0,0302	0	-0,008307	0	0,005393	0
48	SERP	LinStatic	0	0	0	0	0	0
48	INCRTER	LinStatic	0,185401	0	-0,032305	0	0,02097	0
48	LM71SISO	LinStatic	0,005744	0	-0,00158	0	0,001026	0
48	SW2SISO	LinStatic	0,008599	0	-0,002365	0	0,001536	0
48	SISMAO	LinStatic	0,021415	0	-0,004692	0	0,003043	0
48	LM71SVA	LinStatic	-3,331E-08	0	0,000165	0	3,304E-07	0
48	SW2SVA	LinStatic	-4,976E-08	0	0,000247	0	4,936E-07	0
48	SISMAVA	LinStatic	-1,518E-06	0	0,008115	0	1,4E-05	0
48	LM71SVB	LinStatic	3,331E-08	0	-0,000165	0	-3,304E-07	0
48	SW2SVB	LinStatic	4,976E-08	0	-0,000247	0	-4,936E-07	0
48	SISMAVB	LinStatic	1,518E-06	0	-0,008115	0	-1,4E-05	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
48	LM71SX	LinStatic	-0,009067	0	0,001998	0	-0,003858	0
48	LM71DX	LinStatic	0,009069	0	-0,009971	0	0,003842	0
49	PP	LinStatic	-3,099E-07	0	-0,008816	0	3,457E-07	0
49	REINTSUP	LinStatic	3,202E-07	0	-0,044335	0	9,8E-05	0
49	BALLAST	LinStatic	2,073E-08	0	-0,002871	0	6,32E-06	0
49	STERRASX	LinStatic	0,236009	0	0,039733	0	0,025657	0
49	STERRADX	LinStatic	-0,235994	0	-0,039718	0	-0,025752	0
49	TERMP	LinStatic	-7,7E-05	0	-1,1E-05	0	-2,4E-05	0
49	TERMN	LinStatic	0,000231	0	3,3E-05	0	7,3E-05	0
49	GRADTP	LinStatic	-8,086E-07	0	-6,974E-06	0	-4,1E-05	0
49	GRADTN	LinStatic	8,086E-07	0	6,974E-06	0	4,1E-05	0
49	LM71C	LinStatic	5,759E-08	0	-0,007974	0	1,8E-05	0
49	STLM71	LinStatic	0,030836	0	0,005315	0	0,003432	0
49	AVVLM71	LinStatic	0,028988	0	0,007834	0	0,00508	0
49	SW2	LinStatic	5,759E-08	0	-0,007974	0	1,8E-05	0
49	STSW2	LinStatic	0,030836	0	0,005315	0	0,003432	0
49	FRENSW2	LinStatic	0,030739	0	0,008307	0	0,005387	0
49	SERP	LinStatic	0	0	0	0	0	0
49	INCRTER	LinStatic	0,18751	0	0,032317	0	0,02087	0
49	LM71SISO	LinStatic	0,005847	0	0,00158	0	0,001025	0
49	SW2SISO	LinStatic	0,008752	0	0,002365	0	0,001534	0
49	SISMAO	LinStatic	0,021719	0	0,004692	0	0,00304	0
49	LM71SVA	LinStatic	-1,195E-09	0	0,000165	0	-3,643E-07	0
49	SW2SVA	LinStatic	-1,785E-09	0	0,000247	0	-5,442E-07	0
49	SISMAVA	LinStatic	7,733E-09	0	0,008115	0	-1,6E-05	0
49	LM71SVB	LinStatic	1,195E-09	0	-0,000165	0	3,643E-07	0
49	SW2SVB	LinStatic	1,785E-09	0	-0,000247	0	5,442E-07	0
49	SISMAVB	LinStatic	-7,733E-09	0	-0,008115	0	1,6E-05	0
49	LM71SX	LinStatic	-0,009453	0	-0,009971	0	-0,003841	0
49	LM71DX	LinStatic	0,009453	0	0,001998	0	0,003858	0
50	PP	LinStatic	-2,899E-07	0	-0,008816	0	-8,493E-07	0
50	REINTSUP	LinStatic	2,995E-07	0	-0,044348	0	0,000103	0
50	BALLAST	LinStatic	1,939E-08	0	-0,002871	0	6,653E-06	0
50	STERRASX	LinStatic	0,236008	0	0,037169	0	0,025649	0
50	STERRADX	LinStatic	-0,235995	0	-0,037145	0	-0,025723	0
50	TERMP	LinStatic	-7,2E-05	0	-8,787E-06	0	-2,2E-05	0
50	TERMN	LinStatic	0,000217	0	2,6E-05	0	6,7E-05	0
50	GRADTP	LinStatic	-7,564E-07	0	-3,294E-06	0	-3,6E-05	0
50	GRADTN	LinStatic	7,564E-07	0	3,294E-06	0	3,6E-05	0
50	LM71C	LinStatic	5,387E-08	0	-0,007976	0	1,8E-05	0
50	STLM71	LinStatic	0,030836	0	0,004971	0	0,003431	0
50	AVVLM71	LinStatic	0,028988	0	0,007326	0	0,005074	0
50	SW2	LinStatic	5,387E-08	0	-0,007976	0	1,8E-05	0
50	STSW2	LinStatic	0,030836	0	0,004971	0	0,003431	0
50	FRENSW2	LinStatic	0,030739	0	0,007769	0	0,005381	0
50	SERP	LinStatic	0	0	0	0	0	0
50	INCRTER	LinStatic	0,187509	0	0,030231	0	0,020863	0
50	LM71SISO	LinStatic	0,005847	0	0,001478	0	0,001023	0
50	SW2SISO	LinStatic	0,008753	0	0,002212	0	0,001532	0
50	SISMAO	LinStatic	0,021719	0	0,004389	0	0,003037	0
50	LM71SVA	LinStatic	-1,118E-09	0	0,000166	0	-3,835E-07	0
50	SW2SVA	LinStatic	-1,67E-09	0	0,000247	0	-5,729E-07	0
50	SISMAVA	LinStatic	7,234E-09	0	0,008117	0	-1,6E-05	0
50	LM71SVB	LinStatic	1,118E-09	0	-0,000166	0	3,835E-07	0
50	SW2SVB	LinStatic	1,67E-09	0	-0,000247	0	5,729E-07	0
50	SISMAVB	LinStatic	-7,234E-09	0	-0,008117	0	1,6E-05	0
50	LM71SX	LinStatic	-0,009453	0	-0,009588	0	-0,00384	0
50	LM71DX	LinStatic	0,009453	0	0,001612	0	0,003858	0
51	PP	LinStatic	-2,699E-07	0	-0,008816	0	-2,136E-06	0
51	REINTSUP	LinStatic	2,789E-07	0	-0,044361	0	0,000101	0
51	BALLAST	LinStatic	1,806E-08	0	-0,002872	0	6,52E-06	0
51	STERRASX	LinStatic	0,236008	0	0,034604	0	0,025642	0
51	STERRADX	LinStatic	-0,235995	0	-0,034575	0	-0,025698	0
51	TERMP	LinStatic	-6,7E-05	0	-6,658E-06	0	-2,1E-05	0
51	TERMN	LinStatic	0,000202	0	2E-05	0	6,2E-05	0
51	GRADTP	LinStatic	-7,042E-07	0	-1,798E-07	0	-3E-05	0
51	GRADTN	LinStatic	7,042E-07	0	1,798E-07	0	3E-05	0
51	LM71C	LinStatic	5,016E-08	0	-0,007979	0	1,8E-05	0



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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
51	STLM71	LinStatic	0,030836	0	0,004628	0	0,00343	0
51	AVVLM71	LinStatic	0,028988	0	0,006819	0	0,005069	0
51	SW2	LinStatic	5,016E-08	0	-0,007979	0	1,8E-05	0
51	STSW2	LinStatic	0,030836	0	0,004628	0	0,00343	0
51	FRENSW2	LinStatic	0,030739	0	0,007231	0	0,005375	0
51	SERP	LinStatic	0	0	0	0	0	0
51	INCRTER	LinStatic	0,187509	0	0,028145	0	0,020857	0
51	LM71SISO	LinStatic	0,005847	0	0,001375	0	0,001022	0
51	SW2SISO	LinStatic	0,008753	0	0,002059	0	0,001531	0
51	SISMAO	LinStatic	0,021719	0	0,004085	0	0,003035	0
51	LM71SVA	LinStatic	-1,041E-09	0	0,000166	0	-3,758E-07	0
51	SW2SVA	LinStatic	-1,555E-09	0	0,000247	0	-5,614E-07	0
51	SISMAVA	LinStatic	6,735E-09	0	0,008119	0	-1,6E-05	0
51	LM71SVB	LinStatic	1,041E-09	0	-0,000166	0	3,758E-07	0
51	SW2SVB	LinStatic	1,555E-09	0	-0,000247	0	5,614E-07	0
51	SISMAVB	LinStatic	-6,735E-09	0	-0,008119	0	1,6E-05	0
51	LM71LSX	LinStatic	-0,009453	0	-0,009205	0	-0,00384	0
51	LM71DX	LinStatic	0,009453	0	0,001226	0	0,003858	0
52	PP	LinStatic	-1,499E-07	0	-0,008813	0	-8,62E-06	0
52	REINTSUP	LinStatic	1,549E-07	0	-0,044403	0	7,045E-06	0
52	BALLAST	LinStatic	1,003E-08	0	-0,002875	0	4,561E-07	0
52	STERRASX	LinStatic	0,236004	0	0,01923	0	0,025623	0
52	STERRADX	LinStatic	-0,235997	0	-0,019196	0	-0,025609	0
52	TERMP	LinStatic	-3,7E-05	0	2,447E-06	0	-1E-05	0
52	TERMN	LinStatic	0,000112	0	-7,342E-06	0	3,1E-05	0
52	GRADTP	LinStatic	-3,912E-07	0	9,109E-06	0	-6,835E-06	0
52	GRADTN	LinStatic	3,912E-07	0	-9,109E-06	0	6,835E-06	0
52	LM71C	LinStatic	2,786E-08	0	-0,007986	0	1,267E-06	0
52	STLM71	LinStatic	0,030835	0	0,002572	0	0,003427	0
52	AVVLM71	LinStatic	0,028989	0	0,003786	0	0,00505	0
52	SW2	LinStatic	2,786E-08	0	-0,007986	0	1,267E-06	0
52	STSW2	LinStatic	0,030835	0	0,002572	0	0,003427	0
52	FRENSW2	LinStatic	0,030739	0	0,004014	0	0,005355	0
52	SERP	LinStatic	0	0	0	0	0	0
52	INCRTER	LinStatic	0,187506	0	0,01564	0	0,02084	0
52	LM71SISO	LinStatic	0,005847	0	0,000764	0	0,001019	0
52	SW2SISO	LinStatic	0,008753	0	0,001143	0	0,001525	0
52	SISMAO	LinStatic	0,021719	0	0,002268	0	0,003025	0
52	LM71SVA	LinStatic	-5,782E-10	0	0,000166	0	-2,629E-08	0
52	SW2SVA	LinStatic	-8,638E-10	0	0,000248	0	-3,928E-08	0
52	SISMAVA	LinStatic	3,742E-09	0	0,008125	0	8,189E-07	0
52	LM71SVB	LinStatic	5,782E-10	0	-0,000166	0	2,629E-08	0
52	SW2SVB	LinStatic	8,638E-10	0	-0,000248	0	3,928E-08	0
52	SISMAVB	LinStatic	-3,742E-09	0	-0,008125	0	-8,189E-07	0
52	LM71LSX	LinStatic	-0,009453	0	-0,006897	0	-0,003861	0
52	LM71DX	LinStatic	0,009453	0	-0,00109	0	0,003862	0
53	PP	LinStatic	-2,999E-08	0	-0,008807	0	-4,223E-06	0
53	REINTSUP	LinStatic	3,099E-08	0	-0,044374	0	-3,1E-05	0
53	BALLAST	LinStatic	2,006E-09	0	-0,002873	0	-1,999E-06	0
53	STERRASX	LinStatic	0,236	0	0,003855	0	0,025642	0
53	STERRADX	LinStatic	-0,235999	0	-0,003836	0	-0,02563	0
53	TERMP	LinStatic	-7,466E-06	0	5,958E-06	0	-1,886E-06	0
53	TERMN	LinStatic	2,2E-05	0	-1,8E-05	0	5,658E-06	0
53	GRADTP	LinStatic	-7,825E-08	0	9,165E-06	0	6,168E-07	0
53	GRADTN	LinStatic	7,825E-08	0	-9,165E-06	0	-6,168E-07	0
53	LM71C	LinStatic	5,573E-09	0	-0,007981	0	-5,554E-06	0
53	STLM71	LinStatic	0,030835	0	0,000516	0	0,00343	0
53	AVVLM71	LinStatic	0,028989	0	0,000758	0	0,005051	0
53	SW2	LinStatic	5,573E-09	0	-0,007981	0	-5,554E-06	0
53	STSW2	LinStatic	0,030835	0	0,000516	0	0,00343	0
53	FRENSW2	LinStatic	0,030739	0	0,000803	0	0,005356	0
53	SERP	LinStatic	0	0	0	0	0	0
53	INCRTER	LinStatic	0,187502	0	0,003135	0	0,020856	0
53	LM71SISO	LinStatic	0,005847	0	0,000153	0	0,001019	0
53	SW2SISO	LinStatic	0,008753	0	0,000229	0	0,001525	0
53	SISMAO	LinStatic	0,021719	0	0,000454	0	0,003027	0
53	LM71SVA	LinStatic	-1,156E-10	0	0,000166	0	1,152E-07	0
53	SW2SVA	LinStatic	-1,728E-10	0	0,000247	0	1,722E-07	0



Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
53	SISMAVA	LinStatic	7,483E-10	0	0,008119	0	5,944E-06	0
53	LM71SVB	LinStatic	1,156E-10	0	-0,000166	0	-1,152E-07	0
53	SW2SVB	LinStatic	1,728E-10	0	-0,000247	0	-1,722E-07	0
53	SISMAVB	LinStatic	-7,483E-10	0	-0,008119	0	-5,944E-06	0
53	LM71SX	LinStatic	-0,009453	0	-0,004572	0	-0,003877	0
53	LM71DX	LinStatic	0,009453	0	-0,003409	0	0,003871	0
54	PP	LinStatic	-1,499E-08	0	-0,008806	0	-2,303E-06	0
54	REINTSUP	LinStatic	1,549E-08	0	-0,044369	0	-1,8E-05	0
54	BALLAST	LinStatic	1,003E-09	0	-0,002873	0	-1,182E-06	0
54	STERRASX	LinStatic	0,236	0	0,001932	0	0,025647	0
54	STERRADX	LinStatic	-0,235999	0	-0,001914	0	-0,025641	0
54	TERMP	LinStatic	-3,733E-06	0	6,051E-06	0	-9,307E-07	0
54	TERMN	LinStatic	1,1E-05	0	-1,8E-05	0	2,792E-06	0
54	GRADTP	LinStatic	-3,912E-08	0	8,997E-06	0	4,324E-07	0
54	GRADTN	LinStatic	3,912E-08	0	-8,997E-06	0	-4,324E-07	0
54	LM71C	LinStatic	2,786E-09	0	-0,00798	0	-3,282E-06	0
54	STLM71	LinStatic	0,030834	0	0,000258	0	0,00343	0
54	AVVLM71	LinStatic	0,028989	0	0,000379	0	0,005053	0
54	SW2	LinStatic	2,786E-09	0	-0,00798	0	-3,282E-06	0
54	STSW2	LinStatic	0,030834	0	0,000258	0	0,00343	0
54	FRENSW2	LinStatic	0,030739	0	0,000402	0	0,005358	0
54	SERP	LinStatic	0	0	0	0	0	0
54	INCRTER	LinStatic	0,187502	0	0,001571	0	0,02086	0
54	LM71SISO	LinStatic	0,005847	0	7,6E-05	0	0,001019	0
54	SW2SISO	LinStatic	0,008753	0	0,000114	0	0,001526	0
54	SISMAO	LinStatic	0,021719	0	0,000227	0	0,003028	0
54	LM71SVA	LinStatic	-5,782E-11	0	0,000166	0	6,811E-08	0
54	SW2SVA	LinStatic	-8,638E-11	0	0,000247	0	1,018E-07	0
54	SISMAVA	LinStatic	3,742E-10	0	0,008118	0	3,469E-06	0
54	LM71SVB	LinStatic	5,782E-11	0	-0,000166	0	-6,811E-08	0
54	SW2SVB	LinStatic	8,638E-11	0	-0,000247	0	-1,018E-07	0
54	SISMAVB	LinStatic	-3,742E-10	0	-0,008118	0	-3,469E-06	0
54	LM71SX	LinStatic	-0,009453	0	-0,004281	0	-0,003876	0
54	LM71DX	LinStatic	0,009453	0	-0,003699	0	0,003872	0
55	PP	LinStatic	2,599E-14	0	-0,008806	0	1,464E-14	0
55	REINTSUP	LinStatic	1,304E-13	0	-0,044365	0	7,352E-14	0
55	BALLAST	LinStatic	8,444E-15	0	-0,002873	0	4,76E-15	0
55	STERRASX	LinStatic	0,235999	0	8,145E-06	0	0,025653	0
55	STERRADX	LinStatic	-0,235999	0	8,145E-06	0	-0,025653	0
55	TERMP	LinStatic	3,18E-15	0	6,073E-06	0	5,96E-16	0
55	TERMN	LinStatic	-8,237E-15	0	-1,8E-05	0	-1,557E-15	0
55	GRADTP	LinStatic	8,701E-17	0	8,853E-06	0	3,226E-17	0
55	GRADTN	LinStatic	-8,701E-17	0	-8,853E-06	0	-3,226E-17	0
55	LM71C	LinStatic	2,345E-14	0	-0,007979	0	1,322E-14	0
55	STLM71	LinStatic	0,030834	0	1,08E-06	0	0,003431	0
55	AVVLM71	LinStatic	0,028989	0	-4,793E-15	0	0,005055	0
55	SW2	LinStatic	2,345E-14	0	-0,007979	0	1,322E-14	0
55	STSW2	LinStatic	0,030834	0	1,08E-06	0	0,003431	0
55	FRENSW2	LinStatic	0,030739	0	-5,082E-15	0	0,00536	0
55	SERP	LinStatic	0	0	0	0	0	0
55	INCRTER	LinStatic	0,187502	0	6,568E-06	0	0,020865	0
55	LM71SISO	LinStatic	0,005847	0	-9,666E-16	0	0,001019	0
55	SW2SISO	LinStatic	0,008753	0	-1,447E-15	0	0,001526	0
55	SISMAO	LinStatic	0,021719	0	-2,383E-15	0	0,003029	0
55	LM71SVA	LinStatic	-4,866E-16	0	0,000166	0	-2,744E-16	0
55	SW2SVA	LinStatic	-7,271E-16	0	0,000247	0	-4,099E-16	0
55	SISMAVA	LinStatic	-2,389E-14	0	0,008117	0	-1,346E-14	0
55	LM71SVB	LinStatic	4,866E-16	0	-0,000166	0	2,744E-16	0
55	SW2SVB	LinStatic	7,271E-16	0	-0,000247	0	4,099E-16	0
55	SISMAVB	LinStatic	2,389E-14	0	-0,008117	0	1,346E-14	0
55	LM71SX	LinStatic	-0,009453	0	-0,00399	0	-0,003874	0
55	LM71DX	LinStatic	0,009453	0	-0,00399	0	0,003874	0
56	PP	LinStatic	1,499E-08	0	-0,008806	0	2,303E-06	0
56	REINTSUP	LinStatic	-1,549E-08	0	-0,044369	0	1,8E-05	0
56	BALLAST	LinStatic	-1,003E-09	0	-0,002873	0	1,182E-06	0
56	STERRASX	LinStatic	0,235999	0	-0,001914	0	0,025641	0
56	STERRADX	LinStatic	-0,236	0	0,001932	0	-0,025647	0
56	TERMP	LinStatic	3,733E-06	0	6,051E-06	0	9,307E-07	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
56	TERMN	LinStatic	-1,1E-05	0	-1,8E-05	0	-2,792E-06	0
56	GRADTP	LinStatic	3,912E-08	0	8,997E-06	0	-4,324E-07	0
56	GRADTN	LinStatic	-3,912E-08	0	-8,997E-06	0	4,324E-07	0
56	LM71C	LinStatic	-2,786E-09	0	-0,00798	0	3,282E-06	0
56	STLM71	LinStatic	0,030834	0	-0,000256	0	0,00343	0
56	AVVLM71	LinStatic	0,028989	0	-0,000379	0	0,005053	0
56	SW2	LinStatic	-2,786E-09	0	-0,00798	0	3,282E-06	0
56	STSW2	LinStatic	0,030834	0	-0,000256	0	0,00343	0
56	FRENSW2	LinStatic	0,030739	0	-0,000402	0	0,005358	0
56	SERP	LinStatic	0	0	0	0	0	0
56	INCRTER	LinStatic	0,187502	0	-0,001557	0	0,020855	0
56	LM71SISO	LinStatic	0,005847	0	-7,6E-05	0	0,001019	0
56	SW2SISO	LinStatic	0,008753	0	-0,000114	0	0,001526	0
56	SISMAO	LinStatic	0,021719	0	-0,000227	0	0,003028	0
56	LM71SVA	LinStatic	5,782E-11	0	0,000166	0	-6,811E-08	0
56	SW2SVA	LinStatic	8,638E-11	0	0,000247	0	-1,018E-07	0
56	SISMAVA	LinStatic	-3,742E-10	0	0,008118	0	-3,469E-06	0
56	LM71SVB	LinStatic	-5,782E-11	0	-0,000166	0	6,811E-08	0
56	SW2SVB	LinStatic	-8,638E-11	0	-0,000247	0	1,018E-07	0
56	SISMAVB	LinStatic	3,742E-10	0	-0,008118	0	3,469E-06	0
56	LM71SX	LinStatic	-0,009453	0	-0,003699	0	-0,003872	0
56	LM71DX	LinStatic	0,009453	0	-0,004281	0	0,003876	0
57	PP	LinStatic	2,999E-08	0	-0,008807	0	4,223E-06	0
57	REINTSUP	LinStatic	-3,099E-08	0	-0,044374	0	3,1E-05	0
57	BALLAST	LinStatic	-2,006E-09	0	-0,002873	0	1,999E-06	0
57	STERRASX	LinStatic	0,235999	0	-0,003836	0	0,02563	0
57	STERRADX	LinStatic	-0,236	0	0,003855	0	-0,025642	0
57	TERMP	LinStatic	7,466E-06	0	5,958E-06	0	1,886E-06	0
57	TERMN	LinStatic	-2,2E-05	0	-1,8E-05	0	-5,658E-06	0
57	GRADTP	LinStatic	7,825E-08	0	9,165E-06	0	-6,168E-07	0
57	GRADTN	LinStatic	-7,825E-08	0	-9,165E-06	0	6,168E-07	0
57	LM71C	LinStatic	-5,573E-09	0	-0,007981	0	5,554E-06	0
57	STLM71	LinStatic	0,030834	0	-0,000513	0	0,003428	0
57	AVVLM71	LinStatic	0,028989	0	-0,000758	0	0,005051	0
57	SW2	LinStatic	-5,573E-09	0	-0,007981	0	5,554E-06	0
57	STSW2	LinStatic	0,030834	0	-0,000513	0	0,003428	0
57	FRENSW2	LinStatic	0,030739	0	-0,000803	0	0,005356	0
57	SERP	LinStatic	0	0	0	0	0	0
57	INCRTER	LinStatic	0,187501	0	-0,00312	0	0,020847	0
57	LM71SISO	LinStatic	0,005847	0	-0,000153	0	0,001019	0
57	SW2SISO	LinStatic	0,008753	0	-0,000229	0	0,001525	0
57	SISMAO	LinStatic	0,021719	0	-0,000454	0	0,003027	0
57	LM71SVA	LinStatic	1,156E-10	0	0,000166	0	-1,152E-07	0
57	SW2SVA	LinStatic	1,728E-10	0	0,000247	0	-1,722E-07	0
57	SISMAVA	LinStatic	-7,484E-10	0	0,008119	0	-5,944E-06	0
57	LM71SVB	LinStatic	-1,156E-10	0	-0,000166	0	1,152E-07	0
57	SW2SVB	LinStatic	-1,728E-10	0	-0,000247	0	1,722E-07	0
57	SISMAVB	LinStatic	7,484E-10	0	-0,008119	0	5,944E-06	0
57	LM71SX	LinStatic	-0,009453	0	-0,003409	0	-0,003871	0
57	LM71DX	LinStatic	0,009453	0	-0,004572	0	0,003877	0
58	PP	LinStatic	1,499E-07	0	-0,008813	0	8,62E-06	0
58	REINTSUP	LinStatic	-1,549E-07	0	-0,044403	0	-7,045E-06	0
58	BALLAST	LinStatic	-1,003E-08	0	-0,002875	0	-4,561E-07	0
58	STERRASX	LinStatic	0,235997	0	-0,019196	0	0,025609	0
58	STERRADX	LinStatic	-0,236004	0	0,01923	0	-0,025623	0
58	TERMP	LinStatic	3,7E-05	0	2,447E-06	0	1E-05	0
58	TERMN	LinStatic	-0,000112	0	-7,342E-06	0	-3,1E-05	0
58	GRADTP	LinStatic	3,912E-07	0	9,109E-06	0	6,835E-06	0
58	GRADTN	LinStatic	-3,912E-07	0	-9,109E-06	0	-6,835E-06	0
58	LM71C	LinStatic	-2,786E-08	0	-0,007986	0	-1,267E-06	0
58	STLM71	LinStatic	0,030834	0	-0,002568	0	0,003425	0
58	AVVLM71	LinStatic	0,028989	0	-0,003786	0	0,00505	0
58	SW2	LinStatic	-2,786E-08	0	-0,007986	0	-1,267E-06	0
58	STSW2	LinStatic	0,030834	0	-0,002568	0	0,003425	0
58	FRENSW2	LinStatic	0,030739	0	-0,004014	0	0,005355	0
58	SERP	LinStatic	0	0	0	0	0	0
58	INCRTER	LinStatic	0,1875	0	-0,015613	0	0,02083	0
58	LM71SISO	LinStatic	0,005847	0	-0,000764	0	0,001019	0

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Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
58	SW2SISO	LinStatic	0,008753	0	-0,001143	0	0,001525	0
58	SISMAO	LinStatic	0,021719	0	-0,002268	0	0,003025	0
58	LM71SVA	LinStatic	5,782E-10	0	0,000166	0	2,629E-08	0
58	SW2SVA	LinStatic	8,638E-10	0	0,000248	0	3,928E-08	0
58	SISMAVA	LinStatic	-3,742E-09	0	0,008125	0	-8,189E-07	0
58	LM71SVB	LinStatic	-5,782E-10	0	-0,000166	0	-2,629E-08	0
58	SW2SVB	LinStatic	-8,638E-10	0	-0,000248	0	-3,928E-08	0
58	SISMAVB	LinStatic	3,742E-09	0	-0,008125	0	8,189E-07	0
58	LM71SX	LinStatic	-0,009453	0	-0,00109	0	-0,003862	0
58	LM71DX	LinStatic	0,009453	0	-0,006897	0	0,003861	0
59	PP	LinStatic	2,699E-07	0	-0,008816	0	2,136E-06	0
59	REINTSUP	LinStatic	-2,789E-07	0	-0,044361	0	-0,000101	0
59	BALLAST	LinStatic	-1,806E-08	0	-0,002872	0	-6,52E-06	0
59	STERRASX	LinStatic	0,235995	0	-0,034575	0	0,025698	0
59	STERRADX	LinStatic	-0,236008	0	0,034604	0	-0,025642	0
59	TERMP	LinStatic	6,7E-05	0	-6,658E-06	0	2,1E-05	0
59	TERMN	LinStatic	-0,000202	0	2E-05	0	-6,2E-05	0
59	GRADTP	LinStatic	7,042E-07	0	-1,798E-07	0	3E-05	0
59	GRADTN	LinStatic	-7,042E-07	0	1,798E-07	0	-3E-05	0
59	LM71C	LinStatic	-5,016E-08	0	-0,007979	0	-1,8E-05	0
59	STLM71	LinStatic	0,030834	0	-0,004625	0	0,003437	0
59	AVVLM71	LinStatic	0,028988	0	-0,006819	0	0,005069	0
59	SW2	LinStatic	-5,016E-08	0	-0,007979	0	-1,8E-05	0
59	STSW2	LinStatic	0,030834	0	-0,004625	0	0,003437	0
59	FRENSW2	LinStatic	0,030739	0	-0,007231	0	0,005375	0
59	SERP	LinStatic	0	0	0	0	0	0
59	INCRTER	LinStatic	0,187498	0	-0,028123	0	0,020903	0
59	LM71SISO	LinStatic	0,005847	0	-0,001375	0	0,001022	0
59	SW2SISO	LinStatic	0,008753	0	-0,002059	0	0,001531	0
59	SISMAO	LinStatic	0,021719	0	-0,004085	0	0,003035	0
59	LM71SVA	LinStatic	1,041E-09	0	0,000166	0	3,758E-07	0
59	SW2SVA	LinStatic	1,555E-09	0	0,000247	0	5,614E-07	0
59	SISMAVA	LinStatic	-6,735E-09	0	0,008119	0	1,6E-05	0
59	LM71SVB	LinStatic	-1,041E-09	0	-0,000166	0	-3,758E-07	0
59	SW2SVB	LinStatic	-1,555E-09	0	-0,000247	0	-5,614E-07	0
59	SISMAVB	LinStatic	6,735E-09	0	-0,008119	0	-1,6E-05	0
59	LM71SX	LinStatic	-0,009453	0	0,001226	0	-0,003858	0
59	LM71DX	LinStatic	0,009453	0	-0,009205	0	0,00384	0
60	PP	LinStatic	2,899E-07	0	-0,008816	0	8,493E-07	0
60	REINTSUP	LinStatic	-2,995E-07	0	-0,044348	0	-0,000103	0
60	BALLAST	LinStatic	-1,939E-08	0	-0,002871	0	-6,653E-06	0
60	STERRASX	LinStatic	0,235995	0	-0,037145	0	0,025723	0
60	STERRADX	LinStatic	-0,236008	0	0,037169	0	-0,025649	0
60	TERMP	LinStatic	7,2E-05	0	-8,787E-06	0	2,2E-05	0
60	TERMN	LinStatic	-0,000217	0	2,6E-05	0	-6,7E-05	0
60	GRADTP	LinStatic	7,564E-07	0	-3,294E-06	0	3,6E-05	0
60	GRADTN	LinStatic	-7,564E-07	0	3,294E-06	0	-3,6E-05	0
60	LM71C	LinStatic	-5,387E-08	0	-0,007976	0	-1,8E-05	0
60	STLM71	LinStatic	0,030834	0	-0,004969	0	0,003441	0
60	AVVLM71	LinStatic	0,028988	0	-0,007326	0	0,005074	0
60	SW2	LinStatic	-5,387E-08	0	-0,007976	0	-1,8E-05	0
60	STSW2	LinStatic	0,030834	0	-0,004969	0	0,003441	0
60	FRENSW2	LinStatic	0,030739	0	-0,007769	0	0,005381	0
60	SERP	LinStatic	0	0	0	0	0	0
60	INCRTER	LinStatic	0,187498	0	-0,030213	0	0,020923	0
60	LM71SISO	LinStatic	0,005847	0	-0,001478	0	0,001023	0
60	SW2SISO	LinStatic	0,008753	0	-0,002212	0	0,001532	0
60	SISMAO	LinStatic	0,021719	0	-0,004389	0	0,003037	0
60	LM71SVA	LinStatic	1,118E-09	0	0,000166	0	3,835E-07	0
60	SW2SVA	LinStatic	1,67E-09	0	0,000247	0	5,729E-07	0
60	SISMAVA	LinStatic	-7,234E-09	0	0,008117	0	1,6E-05	0
60	LM71SVB	LinStatic	-1,118E-09	0	-0,000166	0	-3,835E-07	0
60	SW2SVB	LinStatic	-1,67E-09	0	-0,000247	0	-5,729E-07	0
60	SISMAVB	LinStatic	7,234E-09	0	-0,008117	0	-1,6E-05	0
60	LM71SX	LinStatic	-0,009453	0	0,001612	0	-0,003858	0
60	LM71DX	LinStatic	0,009453	0	-0,009588	0	0,00384	0
61	PP	LinStatic	3,099E-07	0	-0,008816	0	-3,457E-07	0
61	REINTSUP	LinStatic	-3,202E-07	0	-0,044335	0	-9,8E-05	0



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Table: Joint Displacements

Joint	OutputCase	CaseType	U1 m	U2 m	U3 m	R1 Radians	R2 Radians	R3 Radians
61	BALLAST	LinStatic	-2,073E-08	0	-0,002871	0	-6,32E-06	0
61	STERRASX	LinStatic	0,235994	0	-0,039718	0	0,025752	0
61	STERRADX	LinStatic	-0,236009	0	0,039733	0	-0,025657	0
61	TERMP	LinStatic	7,7E-05	0	-1,1E-05	0	2,4E-05	0
61	TERMN	LinStatic	-0,000231	0	3,3E-05	0	-7,3E-05	0
61	GRADTP	LinStatic	8,086E-07	0	-6,974E-06	0	4,1E-05	0
61	GRADTN	LinStatic	-8,086E-07	0	6,974E-06	0	-4,1E-05	0
61	LM71C	LinStatic	-5,759E-08	0	-0,007974	0	-1,8E-05	0
61	STLM71	LinStatic	0,030834	0	-0,005313	0	0,003445	0
61	AVVLM71	LinStatic	0,028988	0	-0,007834	0	0,00508	0
61	SW2	LinStatic	-5,759E-08	0	-0,007974	0	-1,8E-05	0
61	STSW2	LinStatic	0,030834	0	-0,005313	0	0,003445	0
61	FRENSW2	LinStatic	0,030739	0	-0,008307	0	0,005387	0
61	SERP	LinStatic	0	0	0	0	0	0
61	INCRTER	LinStatic	0,187498	0	-0,032306	0	0,020946	0
61	LM71SISO	LinStatic	0,005847	0	-0,00158	0	0,001025	0
61	SW2SISO	LinStatic	0,008752	0	-0,002365	0	0,001534	0
61	SISMAO	LinStatic	0,021719	0	-0,004692	0	0,00304	0
61	LM71SVA	LinStatic	1,195E-09	0	0,000165	0	3,643E-07	0
61	SW2SVA	LinStatic	1,785E-09	0	0,000247	0	5,442E-07	0
61	SISMAVA	LinStatic	-7,733E-09	0	0,008115	0	1,6E-05	0
61	LM71SVB	LinStatic	-1,195E-09	0	-0,000165	0	-3,643E-07	0
61	SW2SVB	LinStatic	-1,785E-09	0	-0,000247	0	-5,442E-07	0
61	SISMAVB	LinStatic	7,733E-09	0	-0,008115	0	-1,6E-05	0
61	LM71SX	LinStatic	-0,009453	0	0,001998	0	-0,003858	0
61	LM71DX	LinStatic	0,009453	0	-0,009971	0	0,003841	0

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
1	PP	LinStatic	-6,197E-06	0	2,203	0	0	0
1	REINTSUP	LinStatic	6,404E-06	0	11,077	0	0	0
1	BALLAST	LinStatic	4,146E-07	0	0,717	0	0	0
1	STERRASX	LinStatic	-4,315	0	-9,932	0	0	0
1	STERRADX	LinStatic	4,315	0	9,927	0	0	0
1	TERMP	LinStatic	6,97E-06	0	0,002739	0	0	0
1	TERMN	LinStatic	-2,091E-05	0	-0,008218	0	0	0
1	GRADTP	LinStatic	-1,617E-05	0	0,001383	0	0	0
1	GRADTN	LinStatic	1,617E-05	0	-0,001383	0	0	0
1	LM71C	LinStatic	1,152E-06	0	1,992	0	0	0
1	STLM71	LinStatic	-0,559	0	-1,329	0	0	0
1	AVVLM71	LinStatic	-0,412	0	-1,958	0	0	0
1	SW2	LinStatic	1,152E-06	0	1,992	0	0	0
1	STSW2	LinStatic	-0,559	0	-1,329	0	0	0
1	FRENSW2	LinStatic	-0,437	0	-2,076	0	0	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	-3,398	0	-8,079	0	0	0
1	LM71SISO	LinStatic	-0,083	0	-0,395	0	0	0
1	SW2SISO	LinStatic	-0,124	0	-0,591	0	0	0
1	SISMAO	LinStatic	-0,356	0	-1,173	0	0	0
1	LM71SVA	LinStatic	-2,39E-08	0	-0,041	0	0	0
1	SW2SVA	LinStatic	-3,57E-08	0	-0,062	0	0	0
1	SISMAVA	LinStatic	1,547E-07	0	-2,027	0	0	0
1	LM71SVB	LinStatic	2,39E-08	0	0,041	0	0	0
1	SW2SVB	LinStatic	3,57E-08	0	0,062	0	0	0
1	SISMAVB	LinStatic	-1,547E-07	0	2,027	0	0	0
1	LM71SX	LinStatic	1,006E-06	0	2,492	0	0	0
1	LM71DX	LinStatic	1,458E-07	0	-0,499	0	0	0
2	PP	LinStatic	-1,159E-05	0	4,406	0	0	0
2	REINTSUP	LinStatic	1,198E-05	0	22,149	0	0	0
2	BALLAST	LinStatic	7,757E-07	0	1,434	0	0	0
2	STERRASX	LinStatic	-8,63	0	-18,575	0	0	0
2	STERRADX	LinStatic	8,629	0	18,567	0	0	0
2	TERMP	LinStatic	1,304E-05	0	0,004484	0	0	0
2	TERMN	LinStatic	-3,912E-05	0	-0,013	0	0	0
2	GRADTP	LinStatic	-3,026E-05	0	0,002567	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
2	GRADTN	LinStatic	3,026E-05	0	-0,002567	0	0	0
2	LM71C	LinStatic	2,155E-06	0	3,984	0	0	0
2	STLM71	LinStatic	-1,118	0	-2,484	0	0	0
2	AVVLM71	LinStatic	-0,824	0	-3,662	0	0	0
2	SW2	LinStatic	2,155E-06	0	3,984	0	0	0
2	STSW2	LinStatic	-1,118	0	-2,484	0	0	0
2	FRENSW2	LinStatic	-0,874	0	-3,883	0	0	0
2	SERP	LinStatic	0	0	0	0	0	0
2	INCRTER	LinStatic	-6,797	0	-15,108	0	0	0
2	LM71SISO	LinStatic	-0,166	0	-0,739	0	0	0
2	SW2SISO	LinStatic	-0,249	0	-1,106	0	0	0
2	SISMAO	LinStatic	-0,711	0	-2,194	0	0	0
2	LM71SVA	LinStatic	-4,471E-08	0	-0,083	0	0	0
2	SW2SVA	LinStatic	-6,68E-08	0	-0,123	0	0	0
2	SISMAVA	LinStatic	2,894E-07	0	-4,054	0	0	0
2	LM71SVB	LinStatic	4,471E-08	0	0,083	0	0	0
2	SW2SVB	LinStatic	6,68E-08	0	0,123	0	0	0
2	SISMAVB	LinStatic	-2,894E-07	0	4,054	0	0	0
2	LM71SX	LinStatic	1,827E-06	0	4,789	0	0	0
2	LM71DX	LinStatic	3,279E-07	0	-0,806	0	0	0
3	PP	LinStatic	-1,268E-05	0	5,175	0	0	0
3	REINTSUP	LinStatic	1,311E-05	0	26,019	0	0	0
3	BALLAST	LinStatic	8,486E-07	0	1,685	0	0	0
3	STERRASX	LinStatic	-10,14	0	-20,311	0	0	0
3	STERRADX	LinStatic	10,14	0	20,305	0	0	0
3	TERMP	LinStatic	1,427E-05	0	0,004169	0	0	0
3	TERMN	LinStatic	-4,28E-05	0	-0,013	0	0	0
3	GRADTP	LinStatic	-3,31E-05	0	0,002698	0	0	0
3	GRADTN	LinStatic	3,31E-05	0	-0,002698	0	0	0
3	LM71C	LinStatic	2,357E-06	0	4,68	0	0	0
3	STLM71	LinStatic	-1,313	0	-2,717	0	0	0
3	AVVLM71	LinStatic	-0,968	0	-4,005	0	0	0
3	SW2	LinStatic	2,357E-06	0	4,68	0	0	0
3	STSW2	LinStatic	-1,313	0	-2,717	0	0	0
3	FRENSW2	LinStatic	-1,027	0	-4,247	0	0	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	-7,986	0	-16,52	0	0	0
3	LM71SISO	LinStatic	-0,195	0	-0,808	0	0	0
3	SW2SISO	LinStatic	-0,292	0	-1,209	0	0	0
3	SISMAO	LinStatic	-0,836	0	-2,399	0	0	0
3	LM71SVA	LinStatic	-4,891E-08	0	-0,097	0	0	0
3	SW2SVA	LinStatic	-7,308E-08	0	-0,145	0	0	0
3	SISMAVA	LinStatic	3,166E-07	0	-4,762	0	0	0
3	LM71SVB	LinStatic	4,891E-08	0	0,097	0	0	0
3	SW2SVB	LinStatic	7,308E-08	0	0,145	0	0	0
3	SISMAVB	LinStatic	-3,166E-07	0	4,762	0	0	0
3	LM71SX	LinStatic	1,929E-06	0	5,4	0	0	0
3	LM71DX	LinStatic	4,28E-07	0	-0,72	0	0	0
4	PP	LinStatic	-1,312E-05	0	5,944	0	0	0
4	REINTSUP	LinStatic	1,355E-05	0	29,886	0	0	0
4	BALLAST	LinStatic	8,775E-07	0	1,935	0	0	0
4	STERRASX	LinStatic	-11,65	0	-20,99	0	0	0
4	STERRADX	LinStatic	11,65	0	20,988	0	0	0
4	TERMP	LinStatic	1,475E-05	0	0,00321	0	0	0
4	TERMN	LinStatic	-4,426E-05	0	-0,009631	0	0	0
4	GRADTP	LinStatic	-3,423E-05	0	0,002485	0	0	0
4	GRADTN	LinStatic	3,423E-05	0	-0,002485	0	0	0
4	LM71C	LinStatic	2,438E-06	0	5,375	0	0	0
4	STLM71	LinStatic	-1,509	0	-2,808	0	0	0
4	AVVLM71	LinStatic	-1,112	0	-4,14	0	0	0
4	SW2	LinStatic	2,438E-06	0	5,375	0	0	0
4	STSW2	LinStatic	-1,509	0	-2,808	0	0	0
4	FRENSW2	LinStatic	-1,18	0	-4,39	0	0	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	-9,175	0	-17,073	0	0	0
4	LM71SISO	LinStatic	-0,224	0	-0,835	0	0	0
4	SW2SISO	LinStatic	-0,336	0	-1,25	0	0	0
4	SISMAO	LinStatic	-0,96	0	-2,479	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
4	LM71SVA	LinStatic	-5,058E-08	0	-0,112	0	0	0
4	SW2SVA	LinStatic	-7,556E-08	0	-0,167	0	0	0
4	SISMAVA	LinStatic	3,273E-07	0	-5,47	0	0	0
4	LM71SVB	LinStatic	5,058E-08	0	0,112	0	0	0
4	SW2SVB	LinStatic	7,556E-08	0	0,167	0	0	0
4	SISMAVB	LinStatic	-3,273E-07	0	5,47	0	0	0
4	LM71SX	LinStatic	1,88E-06	0	5,851	0	0	0
4	LM71DX	LinStatic	5,579E-07	0	-0,476	0	0	0
5	PP	LinStatic	-1,166E-05	0	5,943	0	0	0
5	REINTSUP	LinStatic	1,205E-05	0	29,879	0	0	0
5	BALLAST	LinStatic	7,8E-07	0	1,935	0	0	0
5	STERRASX	LinStatic	-11,65	0	-18,648	0	0	0
5	STERRADX	LinStatic	11,65	0	18,649	0	0	0
5	TERMP	LinStatic	1,311E-05	0	0,00178	0	0	0
5	TERMN	LinStatic	-3,934E-05	0	-0,005341	0	0	0
5	GRADTP	LinStatic	-3,042E-05	0	0,001762	0	0	0
5	GRADTN	LinStatic	3,042E-05	0	-0,001762	0	0	0
5	LM71C	LinStatic	2,167E-06	0	5,374	0	0	0
5	STLM71	LinStatic	-1,509	0	-2,494	0	0	0
5	AVVLM71	LinStatic	-1,112	0	-3,678	0	0	0
5	SW2	LinStatic	2,167E-06	0	5,374	0	0	0
5	STSW2	LinStatic	-1,509	0	-2,494	0	0	0
5	FRENSW2	LinStatic	-1,18	0	-3,901	0	0	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	-9,175	0	-15,168	0	0	0
5	LM71SISO	LinStatic	-0,224	0	-0,742	0	0	0
5	SW2SISO	LinStatic	-0,336	0	-1,111	0	0	0
5	SISMAO	LinStatic	-0,96	0	-2,203	0	0	0
5	LM71SVA	LinStatic	-4,496E-08	0	-0,112	0	0	0
5	SW2SVA	LinStatic	-6,717E-08	0	-0,167	0	0	0
5	SISMAVA	LinStatic	2,91E-07	0	-5,468	0	0	0
5	LM71SVB	LinStatic	4,496E-08	0	0,112	0	0	0
5	SW2SVB	LinStatic	6,717E-08	0	0,167	0	0	0
5	SISMAVB	LinStatic	-2,91E-07	0	5,468	0	0	0
5	LM71SX	LinStatic	1,543E-06	0	5,498	0	0	0
5	LM71DX	LinStatic	6,242E-07	0	-0,124	0	0	0
6	PP	LinStatic	-1,02E-05	0	5,941	0	0	0
6	REINTSUP	LinStatic	1,054E-05	0	29,874	0	0	0
6	BALLAST	LinStatic	6,825E-07	0	1,934	0	0	0
6	STERRASX	LinStatic	-11,65	0	-16,31	0	0	0
6	STERRADX	LinStatic	11,65	0	16,313	0	0	0
6	TERMP	LinStatic	1,147E-05	0	0,0005035	0	0	0
6	TERMN	LinStatic	-3,442E-05	0	-0,001511	0	0	0
6	GRADTP	LinStatic	-2,662E-05	0	0,0009697	0	0	0
6	GRADTN	LinStatic	2,662E-05	0	-0,0009697	0	0	0
6	LM71C	LinStatic	1,896E-06	0	5,373	0	0	0
6	STLM71	LinStatic	-1,509	0	-2,182	0	0	0
6	AVVLM71	LinStatic	-1,112	0	-3,218	0	0	0
6	SW2	LinStatic	1,896E-06	0	5,373	0	0	0
6	STSW2	LinStatic	-1,509	0	-2,182	0	0	0
6	FRENSW2	LinStatic	-1,18	0	-3,412	0	0	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	-9,175	0	-13,266	0	0	0
6	LM71SISO	LinStatic	-0,224	0	-0,649	0	0	0
6	SW2SISO	LinStatic	-0,336	0	-0,972	0	0	0
6	SISMAO	LinStatic	-0,96	0	-1,927	0	0	0
6	LM71SVA	LinStatic	-3,934E-08	0	-0,111	0	0	0
6	SW2SVA	LinStatic	-5,877E-08	0	-0,167	0	0	0
6	SISMAVA	LinStatic	2,546E-07	0	-5,467	0	0	0
6	LM71SVB	LinStatic	3,934E-08	0	0,111	0	0	0
6	SW2SVB	LinStatic	5,877E-08	0	0,167	0	0	0
6	SISMAVB	LinStatic	-2,546E-07	0	5,467	0	0	0
6	LM71SX	LinStatic	1,205E-06	0	5,146	0	0	0
6	LM71DX	LinStatic	6,904E-07	0	0,227	0	0	0
7	PP	LinStatic	-8,744E-06	0	5,94	0	0	0
7	REINTSUP	LinStatic	9,035E-06	0	29,871	0	0	0
7	BALLAST	LinStatic	5,85E-07	0	1,934	0	0	0
7	STERRASX	LinStatic	-11,65	0	-13,975	0	0	0

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Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
7	STERRADX	LinStatic	11,65	0	13,978	0	0	0
7	TERMP	LinStatic	9,835E-06	0	-0,0006165	0	0	0
7	TERMN	LinStatic	-2,95E-05	0	0,00185	0	0	0
7	GRADTP	LinStatic	-2,282E-05	0	0,0001452	0	0	0
7	GRADTN	LinStatic	2,282E-05	0	-0,0001452	0	0	0
7	LM71C	LinStatic	1,625E-06	0	5,372	0	0	0
7	STLM71	LinStatic	-1,509	0	-1,869	0	0	0
7	AVVLM71	LinStatic	-1,112	0	-2,757	0	0	0
7	SW2	LinStatic	1,625E-06	0	5,372	0	0	0
7	STSW2	LinStatic	-1,509	0	-1,869	0	0	0
7	FRENSW2	LinStatic	-1,18	0	-2,924	0	0	0
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	-9,175	0	-11,367	0	0	0
7	LM71SISO	LinStatic	-0,224	0	-0,556	0	0	0
7	SW2SISO	LinStatic	-0,336	0	-0,833	0	0	0
7	SISMAO	LinStatic	-0,96	0	-1,651	0	0	0
7	LM71SVA	LinStatic	-3,372E-08	0	-0,111	0	0	0
7	SW2SVA	LinStatic	-5,038E-08	0	-0,167	0	0	0
7	SISMAVA	LinStatic	2,182E-07	0	-5,466	0	0	0
7	LM71SVB	LinStatic	3,372E-08	0	0,111	0	0	0
7	SW2SVB	LinStatic	5,038E-08	0	0,167	0	0	0
7	SISMAVB	LinStatic	-2,182E-07	0	5,466	0	0	0
7	LM71SX	LinStatic	8,684E-07	0	4,794	0	0	0
7	LM71DX	LinStatic	7,566E-07	0	0,579	0	0	0
8	PP	LinStatic	-7,287E-06	0	5,939	0	0	0
8	REINTSUP	LinStatic	7,529E-06	0	29,87	0	0	0
8	BALLAST	LinStatic	4,875E-07	0	1,934	0	0	0
8	STERRASX	LinStatic	-11,65	0	-11,642	0	0	0
8	STERRADX	LinStatic	11,65	0	11,646	0	0	0
8	TERMP	LinStatic	8,196E-06	0	-0,001576	0	0	0
8	TERMN	LinStatic	-2,459E-05	0	0,004729	0	0	0
8	GRADTP	LinStatic	-1,901E-05	0	-0,0006741	0	0	0
8	GRADTN	LinStatic	1,901E-05	0	0,0006741	0	0	0
8	LM71C	LinStatic	1,354E-06	0	5,372	0	0	0
8	STLM71	LinStatic	-1,509	0	-1,557	0	0	0
8	AVVLM71	LinStatic	-1,112	0	-2,297	0	0	0
8	SW2	LinStatic	1,354E-06	0	5,372	0	0	0
8	STSW2	LinStatic	-1,509	0	-1,557	0	0	0
8	FRENSW2	LinStatic	-1,18	0	-2,436	0	0	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	-9,175	0	-9,47	0	0	0
8	LM71SISO	LinStatic	-0,224	0	-0,463	0	0	0
8	SW2SISO	LinStatic	-0,336	0	-0,694	0	0	0
8	SISMAO	LinStatic	-0,96	0	-1,376	0	0	0
8	LM71SVA	LinStatic	-2,81E-08	0	-0,111	0	0	0
8	SW2SVA	LinStatic	-4,198E-08	0	-0,167	0	0	0
8	SISMAVA	LinStatic	1,818E-07	0	-5,466	0	0	0
8	LM71SVB	LinStatic	2,81E-08	0	0,111	0	0	0
8	SW2SVB	LinStatic	4,198E-08	0	0,167	0	0	0
8	SISMAVB	LinStatic	-1,818E-07	0	5,466	0	0	0
8	LM71SX	LinStatic	5,314E-07	0	4,442	0	0	0
8	LM71DX	LinStatic	8,228E-07	0	0,93	0	0	0
9	PP	LinStatic	-5,829E-06	0	5,938	0	0	0
9	REINTSUP	LinStatic	6,023E-06	0	29,87	0	0	0
9	BALLAST	LinStatic	3,9E-07	0	1,934	0	0	0
9	STERRASX	LinStatic	-11,65	0	-9,312	0	0	0
9	STERRADX	LinStatic	11,65	0	9,315	0	0	0
9	TERMP	LinStatic	6,557E-06	0	-0,002372	0	0	0
9	TERMN	LinStatic	-1,967E-05	0	0,007116	0	0	0
9	GRADTP	LinStatic	-1,521E-05	0	-0,001451	0	0	0
9	GRADTN	LinStatic	1,521E-05	0	0,001451	0	0	0
9	LM71C	LinStatic	1,083E-06	0	5,372	0	0	0
9	STLM71	LinStatic	-1,509	0	-1,246	0	0	0
9	AVVLM71	LinStatic	-1,112	0	-1,838	0	0	0
9	SW2	LinStatic	1,083E-06	0	5,372	0	0	0
9	STSW2	LinStatic	-1,509	0	-1,246	0	0	0
9	FRENSW2	LinStatic	-1,18	0	-1,949	0	0	0
9	SERP	LinStatic	0	0	0	0	0	0

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Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
9	INCRTER	LinStatic	-9,175	0	-7,574	0	0	0
9	LM71SISO	LinStatic	-0,224	0	-0,371	0	0	0
9	SW2SISO	LinStatic	-0,336	0	-0,555	0	0	0
9	SISMAO	LinStatic	-0,96	0	-1,1	0	0	0
9	LM71SVA	LinStatic	-2,248E-08	0	-0,111	0	0	0
9	SW2SVA	LinStatic	-3,358E-08	0	-0,167	0	0	0
9	SISMAVA	LinStatic	1,455E-07	0	-5,466	0	0	0
9	LM71SVB	LinStatic	2,248E-08	0	0,111	0	0	0
9	SW2SVB	LinStatic	3,358E-08	0	0,167	0	0	0
9	SISMAVB	LinStatic	-1,455E-07	0	5,466	0	0	0
9	LM71SX	LinStatic	1,943E-07	0	4,091	0	0	0
9	LM71DX	LinStatic	8,89E-07	0	1,282	0	0	0
10	PP	LinStatic	-4,372E-06	0	5,938	0	0	0
10	REINTSUP	LinStatic	4,518E-06	0	29,872	0	0	0
10	BALLAST	LinStatic	2,925E-07	0	1,934	0	0	0
10	STERRASX	LinStatic	-11,65	0	-6,983	0	0	0
10	STERRADX	LinStatic	11,65	0	6,986	0	0	0
10	TERMP	LinStatic	4,917E-06	0	-0,003	0	0	0
10	TERMN	LinStatic	-1,475E-05	0	0,009	0	0	0
10	GRADTP	LinStatic	-1,141E-05	0	-0,002148	0	0	0
10	GRADTN	LinStatic	1,141E-05	0	0,002148	0	0	0
10	LM71C	LinStatic	8,125E-07	0	5,373	0	0	0
10	STLM71	LinStatic	-1,509	0	-0,934	0	0	0
10	AVVLM71	LinStatic	-1,112	0	-1,378	0	0	0
10	SW2	LinStatic	8,125E-07	0	5,373	0	0	0
10	STSW2	LinStatic	-1,509	0	-0,934	0	0	0
10	FRENSW2	LinStatic	-1,18	0	-1,461	0	0	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	-9,175	0	-5,68	0	0	0
10	LM71SISO	LinStatic	-0,224	0	-0,278	0	0	0
10	SW2SISO	LinStatic	-0,336	0	-0,416	0	0	0
10	SISMAO	LinStatic	-0,96	0	-0,825	0	0	0
10	LM71SVA	LinStatic	-1,686E-08	0	-0,111	0	0	0
10	SW2SVA	LinStatic	-2,519E-08	0	-0,167	0	0	0
10	SISMAVA	LinStatic	1,091E-07	0	-5,466	0	0	0
10	LM71SVB	LinStatic	1,686E-08	0	0,111	0	0	0
10	SW2SVB	LinStatic	2,519E-08	0	0,167	0	0	0
10	SISMAVB	LinStatic	-1,091E-07	0	5,466	0	0	0
10	LM71SX	LinStatic	-1,428E-07	0	3,74	0	0	0
10	LM71DX	LinStatic	9,553E-07	0	1,633	0	0	0
11	PP	LinStatic	-2,915E-06	0	5,938	0	0	0
11	REINTSUP	LinStatic	3,012E-06	0	29,875	0	0	0
11	BALLAST	LinStatic	1,95E-07	0	1,934	0	0	0
11	STERRASX	LinStatic	-11,65	0	-4,655	0	0	0
11	STERRADX	LinStatic	11,65	0	4,657	0	0	0
11	TERMP	LinStatic	3,278E-06	0	-0,003457	0	0	0
11	TERMN	LinStatic	-9,835E-06	0	0,01	0	0	0
11	GRADTP	LinStatic	-7,606E-06	0	-0,002727	0	0	0
11	GRADTN	LinStatic	7,606E-06	0	0,002727	0	0	0
11	LM71C	LinStatic	5,417E-07	0	5,373	0	0	0
11	STLM71	LinStatic	-1,509	0	-0,623	0	0	0
11	AVVLM71	LinStatic	-1,112	0	-0,919	0	0	0
11	SW2	LinStatic	5,417E-07	0	5,373	0	0	0
11	STSW2	LinStatic	-1,509	0	-0,623	0	0	0
11	FRENSW2	LinStatic	-1,18	0	-0,974	0	0	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	-9,175	0	-3,787	0	0	0
11	LM71SISO	LinStatic	-0,224	0	-0,185	0	0	0
11	SW2SISO	LinStatic	-0,336	0	-0,277	0	0	0
11	SISMAO	LinStatic	-0,96	0	-0,55	0	0	0
11	LM71SVA	LinStatic	-1,124E-08	0	-0,111	0	0	0
11	SW2SVA	LinStatic	-1,679E-08	0	-0,167	0	0	0
11	SISMAVA	LinStatic	7,274E-08	0	-5,467	0	0	0
11	LM71SVB	LinStatic	1,124E-08	0	0,111	0	0	0
11	SW2SVB	LinStatic	1,679E-08	0	0,167	0	0	0
11	SISMAVB	LinStatic	-7,274E-08	0	5,467	0	0	0
11	LM71SX	LinStatic	-4,798E-07	0	3,389	0	0	0
11	LM71DX	LinStatic	1,021E-06	0	1,985	0	0	0

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Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
12	PP	LinStatic	-1,169E-06	0	4,289	0	0	0
12	REINTSUP	LinStatic	1,208E-06	0	21,579	0	0	0
12	BALLAST	LinStatic	7,824E-08	0	1,397	0	0	0
12	STERRASX	LinStatic	-8,414	0	-1,868	0	0	0
12	STERRADX	LinStatic	8,414	0	1,869	0	0	0
12	TERMP	LinStatic	1,315E-06	0	-0,002684	0	0	0
12	TERMN	LinStatic	-3,946E-06	0	0,008051	0	0	0
12	GRADTP	LinStatic	-3,052E-06	0	-0,002248	0	0	0
12	GRADTN	LinStatic	3,052E-06	0	0,002248	0	0	0
12	LM71C	LinStatic	2,173E-07	0	3,881	0	0	0
12	STLM71	LinStatic	-1,09	0	-0,25	0	0	0
12	AVVLM71	LinStatic	-0,803	0	-0,369	0	0	0
12	SW2	LinStatic	2,173E-07	0	3,881	0	0	0
12	STSW2	LinStatic	-1,09	0	-0,25	0	0	0
12	FRENSW2	LinStatic	-0,852	0	-0,391	0	0	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	-6,626	0	-1,519	0	0	0
12	LM71SISO	LinStatic	-0,162	0	-0,074	0	0	0
12	SW2SISO	LinStatic	-0,243	0	-0,111	0	0	0
12	SISMAO	LinStatic	-0,694	0	-0,221	0	0	0
12	LM71SVA	LinStatic	-4,51E-09	0	-0,081	0	0	0
12	SW2SVA	LinStatic	-6,737E-09	0	-0,12	0	0	0
12	SISMAVA	LinStatic	2,918E-08	0	-3,949	0	0	0
12	LM71SVB	LinStatic	4,51E-09	0	0,081	0	0	0
12	SW2SVB	LinStatic	6,737E-09	0	0,12	0	0	0
12	SISMAVB	LinStatic	-2,918E-08	0	3,949	0	0	0
12	LM71SX	LinStatic	-5,629E-07	0	2,222	0	0	0
12	LM71DX	LinStatic	7,803E-07	0	1,659	0	0	0
13	PP	LinStatic	-4,498E-07	0	3,299	0	0	0
13	REINTSUP	LinStatic	4,648E-07	0	16,6	0	0	0
13	BALLAST	LinStatic	3,009E-08	0	1,075	0	0	0
13	STERRASX	LinStatic	-6,472	0	-0,718	0	0	0
13	STERRADX	LinStatic	6,472	0	0,719	0	0	0
13	TERMP	LinStatic	5,059E-07	0	-0,002115	0	0	0
13	TERMN	LinStatic	-1,518E-06	0	0,006344	0	0	0
13	GRADTP	LinStatic	-1,174E-06	0	-0,001822	0	0	0
13	GRADTN	LinStatic	1,174E-06	0	0,001822	0	0	0
13	LM71C	LinStatic	8,359E-08	0	2,986	0	0	0
13	STLM71	LinStatic	-0,838	0	-0,096	0	0	0
13	AVVLM71	LinStatic	-0,618	0	-0,142	0	0	0
13	SW2	LinStatic	8,359E-08	0	2,986	0	0	0
13	STSW2	LinStatic	-0,838	0	-0,096	0	0	0
13	FRENSW2	LinStatic	-0,655	0	-0,15	0	0	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	-5,097	0	-0,584	0	0	0
13	LM71SISO	LinStatic	-0,125	0	-0,029	0	0	0
13	SW2SISO	LinStatic	-0,187	0	-0,043	0	0	0
13	SISMAO	LinStatic	-0,534	0	-0,085	0	0	0
13	LM71SVA	LinStatic	-1,735E-09	0	-0,062	0	0	0
13	SW2SVA	LinStatic	-2,591E-09	0	-0,093	0	0	0
13	SISMAVA	LinStatic	1,122E-08	0	-3,038	0	0	0
13	LM71SVB	LinStatic	1,735E-09	0	0,062	0	0	0
13	SW2SVB	LinStatic	2,591E-09	0	0,093	0	0	0
13	SISMAVB	LinStatic	-1,122E-08	0	3,038	0	0	0
13	LM71SX	LinStatic	-5,37E-07	0	1,601	0	0	0
13	LM71DX	LinStatic	6,206E-07	0	1,384	0	0	0
14	PP	LinStatic	3,713E-13	0	3,299	0	0	0
14	REINTSUP	LinStatic	1,868E-12	0	16,601	0	0	0
14	BALLAST	LinStatic	1,21E-13	0	1,075	0	0	0
14	STERRASX	LinStatic	-6,472	0	0,000177	0	0	0
14	STERRADX	LinStatic	6,472	0	0,000177	0	0	0
14	TERMP	LinStatic	-6,4E-14	0	-0,002134	0	0	0
14	TERMN	LinStatic	1,646E-13	0	0,006402	0	0	0
14	GRADTP	LinStatic	-3,007E-16	0	-0,00188	0	0	0
14	GRADTN	LinStatic	3,007E-16	0	0,00188	0	0	0
14	LM71C	LinStatic	3,361E-13	0	2,986	0	0	0
14	STLM71	LinStatic	-0,838	0	1,403E-05	0	0	0
14	AVVLM71	LinStatic	-0,618	0	1,788E-12	0	0	0

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Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
14	SW2	LinStatic	3,361E-13	0	2,986	0	0	0
14	STSW2	LinStatic	-0,838	0	1,403E-05	0	0	0
14	FRENSW2	LinStatic	-0,655	0	1,896E-12	0	0	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	-5,097	0	8,531E-05	0	0	0
14	LM71SISO	LinStatic	-0,125	0	3,606E-13	0	0	0
14	SW2SISO	LinStatic	-0,187	0	5,398E-13	0	0	0
14	SISMAO	LinStatic	-0,534	0	8,883E-13	0	0	0
14	LM71SVA	LinStatic	-6,972E-15	0	-0,062	0	0	0
14	SW2SVA	LinStatic	-1,042E-14	0	-0,093	0	0	0
14	SISMAVA	LinStatic	-3,42E-13	0	-3,038	0	0	0
14	LM71SVB	LinStatic	6,972E-15	0	0,062	0	0	0
14	SW2SVB	LinStatic	1,042E-14	0	0,093	0	0	0
14	SISMAVB	LinStatic	3,42E-13	0	3,038	0	0	0
14	LM71SX	LinStatic	-6,411E-07	0	1,493	0	0	0
14	LM71DX	LinStatic	6,411E-07	0	1,493	0	0	0
15	PP	LinStatic	4,498E-07	0	3,299	0	0	0
15	REINTSUP	LinStatic	-4,648E-07	0	16,6	0	0	0
15	BALLAST	LinStatic	-3,009E-08	0	1,075	0	0	0
15	STERRASX	LinStatic	-6,472	0	0,719	0	0	0
15	STERRADX	LinStatic	6,472	0	-0,718	0	0	0
15	TERMP	LinStatic	-5,059E-07	0	-0,002115	0	0	0
15	TERMN	LinStatic	1,518E-06	0	0,006344	0	0	0
15	GRADTP	LinStatic	1,174E-06	0	-0,001822	0	0	0
15	GRADTN	LinStatic	-1,174E-06	0	0,001822	0	0	0
15	LM71C	LinStatic	-8,359E-08	0	2,986	0	0	0
15	STLM71	LinStatic	-0,838	0	0,096	0	0	0
15	AVVLM71	LinStatic	-0,618	0	0,142	0	0	0
15	SW2	LinStatic	-8,359E-08	0	2,986	0	0	0
15	STSW2	LinStatic	-0,838	0	0,096	0	0	0
15	FRENSW2	LinStatic	-0,655	0	0,15	0	0	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	-5,097	0	0,585	0	0	0
15	LM71SISO	LinStatic	-0,125	0	0,029	0	0	0
15	SW2SISO	LinStatic	-0,187	0	0,043	0	0	0
15	SISMAO	LinStatic	-0,534	0	0,085	0	0	0
15	LM71SVA	LinStatic	1,735E-09	0	-0,062	0	0	0
15	SW2SVA	LinStatic	2,591E-09	0	-0,093	0	0	0
15	SISMAVA	LinStatic	-1,123E-08	0	-3,038	0	0	0
15	LM71SVB	LinStatic	-1,735E-09	0	0,062	0	0	0
15	SW2SVB	LinStatic	-2,591E-09	0	0,093	0	0	0
15	SISMAVB	LinStatic	1,123E-08	0	3,038	0	0	0
15	LM71SX	LinStatic	-6,206E-07	0	1,384	0	0	0
15	LM71DX	LinStatic	5,37E-07	0	1,601	0	0	0
16	PP	LinStatic	1,169E-06	0	4,289	0	0	0
16	REINTSUP	LinStatic	-1,208E-06	0	21,579	0	0	0
16	BALLAST	LinStatic	-7,824E-08	0	1,397	0	0	0
16	STERRASX	LinStatic	-8,414	0	1,869	0	0	0
16	STERRADX	LinStatic	8,414	0	-1,868	0	0	0
16	TERMP	LinStatic	-1,315E-06	0	-0,002684	0	0	0
16	TERMN	LinStatic	3,946E-06	0	0,008051	0	0	0
16	GRADTP	LinStatic	3,052E-06	0	-0,002248	0	0	0
16	GRADTN	LinStatic	-3,052E-06	0	0,002248	0	0	0
16	LM71C	LinStatic	-2,173E-07	0	3,881	0	0	0
16	STLM71	LinStatic	-1,09	0	0,25	0	0	0
16	AVVLM71	LinStatic	-0,803	0	0,369	0	0	0
16	SW2	LinStatic	-2,173E-07	0	3,881	0	0	0
16	STSW2	LinStatic	-1,09	0	0,25	0	0	0
16	FRENSW2	LinStatic	-0,852	0	0,391	0	0	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	-6,626	0	1,52	0	0	0
16	LM71SISO	LinStatic	-0,162	0	0,074	0	0	0
16	SW2SISO	LinStatic	-0,243	0	0,111	0	0	0
16	SISMAO	LinStatic	-0,694	0	0,221	0	0	0
16	LM71SVA	LinStatic	4,51E-09	0	-0,081	0	0	0
16	SW2SVA	LinStatic	6,737E-09	0	-0,12	0	0	0
16	SISMAVA	LinStatic	-2,919E-08	0	-3,949	0	0	0
16	LM71SVB	LinStatic	-4,51E-09	0	0,081	0	0	0

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Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
16	SW2SVB	LinStatic	-6,737E-09	0	0,12	0	0	0
16	SISMAVB	LinStatic	2,919E-08	0	3,949	0	0	0
16	LM71SX	LinStatic	-7,803E-07	0	1,659	0	0	0
16	LM71DX	LinStatic	5,629E-07	0	2,222	0	0	0
17	PP	LinStatic	2,915E-06	0	5,938	0	0	0
17	REINTSUP	LinStatic	-3,012E-06	0	29,875	0	0	0
17	BALLAST	LinStatic	-1,95E-07	0	1,934	0	0	0
17	STERRASX	LinStatic	-11,65	0	4,657	0	0	0
17	STERRADX	LinStatic	11,65	0	-4,655	0	0	0
17	TERMP	LinStatic	-3,278E-06	0	-0,003457	0	0	0
17	TERMN	LinStatic	9,835E-06	0	0,01	0	0	0
17	GRADTP	LinStatic	7,606E-06	0	-0,002727	0	0	0
17	GRADTN	LinStatic	-7,606E-06	0	0,002727	0	0	0
17	LM71C	LinStatic	-5,417E-07	0	5,373	0	0	0
17	STLM71	LinStatic	-1,509	0	0,623	0	0	0
17	AVVLM71	LinStatic	-1,112	0	0,919	0	0	0
17	SW2	LinStatic	-5,417E-07	0	5,373	0	0	0
17	STSW2	LinStatic	-1,509	0	0,623	0	0	0
17	FRENSW2	LinStatic	-1,18	0	0,974	0	0	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	-9,175	0	3,788	0	0	0
17	LM71SISO	LinStatic	-0,224	0	0,185	0	0	0
17	SW2SISO	LinStatic	-0,336	0	0,277	0	0	0
17	SISMAO	LinStatic	-0,96	0	0,55	0	0	0
17	LM71SVA	LinStatic	1,124E-08	0	-0,111	0	0	0
17	SW2SVA	LinStatic	1,679E-08	0	-0,167	0	0	0
17	SISMAVA	LinStatic	-7,274E-08	0	-5,467	0	0	0
17	LM71SVB	LinStatic	-1,124E-08	0	0,111	0	0	0
17	SW2SVB	LinStatic	-1,679E-08	0	0,167	0	0	0
17	SISMAVB	LinStatic	7,274E-08	0	5,467	0	0	0
17	LM71SX	LinStatic	-1,021E-06	0	1,985	0	0	0
17	LM71DX	LinStatic	4,798E-07	0	3,389	0	0	0
18	PP	LinStatic	4,372E-06	0	5,938	0	0	0
18	REINTSUP	LinStatic	-4,518E-06	0	29,872	0	0	0
18	BALLAST	LinStatic	-2,925E-07	0	1,934	0	0	0
18	STERRASX	LinStatic	-11,65	0	6,986	0	0	0
18	STERRADX	LinStatic	11,65	0	-6,983	0	0	0
18	TERMP	LinStatic	-4,917E-06	0	-0,003	0	0	0
18	TERMN	LinStatic	1,475E-05	0	0,009	0	0	0
18	GRADTP	LinStatic	1,141E-05	0	-0,002148	0	0	0
18	GRADTN	LinStatic	-1,141E-05	0	0,002148	0	0	0
18	LM71C	LinStatic	-8,125E-07	0	5,373	0	0	0
18	STLM71	LinStatic	-1,509	0	0,934	0	0	0
18	AVVLM71	LinStatic	-1,112	0	1,378	0	0	0
18	SW2	LinStatic	-8,125E-07	0	5,373	0	0	0
18	STSW2	LinStatic	-1,509	0	0,934	0	0	0
18	FRENSW2	LinStatic	-1,18	0	1,461	0	0	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	-9,175	0	5,682	0	0	0
18	LM71SISO	LinStatic	-0,224	0	0,278	0	0	0
18	SW2SISO	LinStatic	-0,336	0	0,416	0	0	0
18	SISMAO	LinStatic	-0,96	0	0,825	0	0	0
18	LM71SVA	LinStatic	1,686E-08	0	-0,111	0	0	0
18	SW2SVA	LinStatic	2,519E-08	0	-0,167	0	0	0
18	SISMAVA	LinStatic	-1,091E-07	0	-5,466	0	0	0
18	LM71SVB	LinStatic	-1,686E-08	0	0,111	0	0	0
18	SW2SVB	LinStatic	-2,519E-08	0	0,167	0	0	0
18	SISMAVB	LinStatic	1,091E-07	0	5,466	0	0	0
18	LM71SX	LinStatic	-9,553E-07	0	1,633	0	0	0
18	LM71DX	LinStatic	1,428E-07	0	3,74	0	0	0
19	PP	LinStatic	5,829E-06	0	5,938	0	0	0
19	REINTSUP	LinStatic	-6,023E-06	0	29,87	0	0	0
19	BALLAST	LinStatic	-3,9E-07	0	1,934	0	0	0
19	STERRASX	LinStatic	-11,65	0	9,315	0	0	0
19	STERRADX	LinStatic	11,65	0	-9,312	0	0	0
19	TERMP	LinStatic	-6,557E-06	0	-0,002372	0	0	0
19	TERMN	LinStatic	1,967E-05	0	0,007116	0	0	0
19	GRADTP	LinStatic	1,521E-05	0	-0,001451	0	0	0

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19	GRADTN	LinStatic	-1,521E-05	0	0,001451	0	0	0
19	LM71C	LinStatic	-1,083E-06	0	5,372	0	0	0
19	STLM71	LinStatic	-1,509	0	1,246	0	0	0
19	AVVLM71	LinStatic	-1,112	0	1,838	0	0	0
19	SW2	LinStatic	-1,083E-06	0	5,372	0	0	0
19	STSW2	LinStatic	-1,509	0	1,246	-1,509	0	0
19	FRENSW2	LinStatic	-1,18	0	1,949	0	0	0
19	SERP	LinStatic	0	0	0	0	0	0
19	INCRTER	LinStatic	-9,175	0	7,577	0	0	0
19	LM71SISO	LinStatic	-0,224	0	0,371	0	0	0
19	SW2SISO	LinStatic	-0,336	0	0,555	0	0	0
19	SISMAO	LinStatic	-0,96	0	1,1	0	0	0
19	LM71SVA	LinStatic	2,248E-08	0	-0,111	0	0	0
19	SW2SVA	LinStatic	3,358E-08	0	-0,167	0	0	0
19	SISMAVA	LinStatic	-1,455E-07	0	-5,466	0	0	0
19	LM71SVB	LinStatic	-2,248E-08	0	0,111	0	0	0
19	SW2SVB	LinStatic	-3,358E-08	0	0,167	0	0	0
19	SISMAVB	LinStatic	1,455E-07	0	5,466	0	0	0
19	LM71SX	LinStatic	-8,89E-07	0	1,282	0	0	0
19	LM71DX	LinStatic	-1,943E-07	0	4,091	0	0	0
20	PP	LinStatic	7,287E-06	0	5,939	0	0	0
20	REINTSUP	LinStatic	-7,529E-06	0	29,87	0	0	0
20	BALLAST	LinStatic	-4,875E-07	0	1,934	0	0	0
20	STERRASX	LinStatic	-11,65	0	11,646	0	0	0
20	STERRADX	LinStatic	11,65	0	-11,642	0	0	0
20	TERMP	LinStatic	-8,196E-06	0	-0,001576	0	0	0
20	TERMN	LinStatic	2,459E-05	0	0,004729	0	0	0
20	GRADTP	LinStatic	1,901E-05	0	-0,0006741	0	0	0
20	GRADTN	LinStatic	-1,901E-05	0	0,0006741	0	0	0
20	LM71C	LinStatic	-1,354E-06	0	5,372	0	0	0
20	STLM71	LinStatic	-1,509	0	1,558	0	0	0
20	AVVLM71	LinStatic	-1,112	0	2,297	0	0	0
20	SW2	LinStatic	-1,354E-06	0	5,372	0	0	0
20	STSW2	LinStatic	-1,509	0	1,558	0	0	0
20	FRENSW2	LinStatic	-1,18	0	2,436	0	0	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	-9,175	0	9,473	0	0	0
20	LM71SISO	LinStatic	-0,224	0	0,463	0	0	0
20	SW2SISO	LinStatic	-0,336	0	0,694	0	0	0
20	SISMAO	LinStatic	-0,96	0	1,376	0	0	0
20	LM71SVA	LinStatic	2,81E-08	0	-0,111	0	0	0
20	SW2SVA	LinStatic	4,198E-08	0	-0,167	0	0	0
20	SISMAVA	LinStatic	-1,818E-07	0	-5,466	0	0	0
20	LM71SVB	LinStatic	-2,81E-08	0	0,111	0	0	0
20	SW2SVB	LinStatic	-4,198E-08	0	0,167	0	0	0
20	SISMAVB	LinStatic	1,818E-07	0	5,466	0	0	0
20	LM71SX	LinStatic	-8,228E-07	0	0,93	0	0	0
20	LM71DX	LinStatic	-5,314E-07	0	4,442	0	0	0
21	PP	LinStatic	8,744E-06	0	5,94	0	0	0
21	REINTSUP	LinStatic	-9,035E-06	0	29,871	0	0	0
21	BALLAST	LinStatic	-5,85E-07	0	1,934	0	0	0
21	STERRASX	LinStatic	-11,65	0	13,978	0	0	0
21	STERRADX	LinStatic	11,65	0	-13,975	0	0	0
21	TERMP	LinStatic	-9,835E-06	0	-0,0006165	0	0	0
21	TERMN	LinStatic	2,95E-05	0	0,00185	0	0	0
21	GRADTP	LinStatic	2,282E-05	0	0,0001452	0	0	0
21	GRADTN	LinStatic	-2,282E-05	0	-0,0001452	0	0	0
21	LM71C	LinStatic	-1,625E-06	0	5,372	0	0	0
21	STLM71	LinStatic	-1,509	0	1,87	0	0	0
21	AVVLM71	LinStatic	-1,112	0	2,757	0	0	0
21	SW2	LinStatic	-1,625E-06	0	5,372	0	0	0
21	STSW2	LinStatic	-1,509	0	1,87	0	0	0
21	FRENSW2	LinStatic	-1,18	0	2,924	0	0	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	-9,175	0	11,37	0	0	0
21	LM71SISO	LinStatic	-0,224	0	0,556	0	0	0
21	SW2SISO	LinStatic	-0,336	0	0,833	0	0	0
21	SISMAO	LinStatic	-0,96	0	1,651	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
21	LM71SVA	LinStatic	3,372E-08	0	-0,111	0	0	0
21	SW2SVA	LinStatic	5,038E-08	0	-0,167	0	0	0
21	SISMAVA	LinStatic	-2,182E-07	0	-5,466	0	0	0
21	LM71SVB	LinStatic	-3,372E-08	0	0,111	0	0	0
21	SW2SVB	LinStatic	-5,038E-08	0	0,167	0	0	0
21	SISMAVB	LinStatic	2,182E-07	0	5,466	0	0	0
21	LM71SX	LinStatic	-7,566E-07	0	0,579	0	0	0
21	LM71DX	LinStatic	-8,684E-07	0	4,794	0	0	0
22	PP	LinStatic	1,02E-05	0	5,941	0	0	0
22	REINTSUP	LinStatic	-1,054E-05	0	29,874	0	0	0
22	BALLAST	LinStatic	-6,825E-07	0	1,934	0	0	0
22	STERRASX	LinStatic	-11,65	0	16,313	0	0	0
22	STERRADX	LinStatic	11,65	0	-16,31	0	0	0
22	TERMP	LinStatic	-1,147E-05	0	0,0005035	0	0	0
22	TERMN	LinStatic	3,442E-05	0	-0,001511	0	0	0
22	GRADTP	LinStatic	2,662E-05	0	0,0009697	0	0	0
22	GRADTN	LinStatic	-2,662E-05	0	-0,0009697	0	0	0
22	LM71C	LinStatic	-1,896E-06	0	5,373	0	0	0
22	STLM71	LinStatic	-1,509	0	2,182	0	0	0
22	AVVLM71	LinStatic	-1,112	0	3,218	0	0	0
22	SW2	LinStatic	-1,896E-06	0	5,373	0	0	0
22	STSW2	LinStatic	-1,509	0	2,182	0	0	0
22	FRENSW2	LinStatic	-1,18	0	3,412	0	0	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	-9,175	0	13,268	0	0	0
22	LM71SISO	LinStatic	-0,224	0	0,649	0	0	0
22	SW2SISO	LinStatic	-0,336	0	0,972	0	0	0
22	SISMAO	LinStatic	-0,96	0	1,927	0	0	0
22	LM71SVA	LinStatic	3,934E-08	0	-0,111	0	0	0
22	SW2SVA	LinStatic	5,877E-08	0	-0,167	0	0	0
22	SISMAVA	LinStatic	-2,546E-07	0	-5,467	0	0	0
22	LM71SVB	LinStatic	-3,934E-08	0	0,111	0	0	0
22	SW2SVB	LinStatic	-5,877E-08	0	0,167	0	0	0
22	SISMAVB	LinStatic	2,546E-07	0	5,467	0	0	0
22	LM71SX	LinStatic	-6,904E-07	0	0,227	0	0	0
22	LM71DX	LinStatic	-1,205E-06	0	5,146	0	0	0
23	PP	LinStatic	1,166E-05	0	5,943	0	0	0
23	REINTSUP	LinStatic	-1,205E-05	0	29,879	0	0	0
23	BALLAST	LinStatic	-7,8E-07	0	1,935	0	0	0
23	STERRASX	LinStatic	-11,65	0	18,649	0	0	0
23	STERRADX	LinStatic	11,65	0	-18,648	0	0	0
23	TERMP	LinStatic	-1,311E-05	0	0,00178	0	0	0
23	TERMN	LinStatic	3,934E-05	0	-0,005341	0	0	0
23	GRADTP	LinStatic	3,042E-05	0	0,001762	0	0	0
23	GRADTN	LinStatic	-3,042E-05	0	-0,001762	0	0	0
23	LM71C	LinStatic	-2,167E-06	0	5,374	0	0	0
23	STLM71	LinStatic	-1,509	0	2,494	0	0	0
23	AVVLM71	LinStatic	-1,112	0	3,678	0	0	0
23	SW2	LinStatic	-2,167E-06	0	5,374	0	0	0
23	STSW2	LinStatic	-1,509	0	2,494	0	0	0
23	FRENSW2	LinStatic	-1,18	0	3,901	0	0	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	-9,175	0	15,169	0	0	0
23	LM71SISO	LinStatic	-0,224	0	0,742	0	0	0
23	SW2SISO	LinStatic	-0,336	0	1,111	0	0	0
23	SISMAO	LinStatic	-0,96	0	2,203	0	0	0
23	LM71SVA	LinStatic	4,496E-08	0	-0,112	0	0	0
23	SW2SVA	LinStatic	6,717E-08	0	-0,167	0	0	0
23	SISMAVA	LinStatic	-2,91E-07	0	-5,468	0	0	0
23	LM71SVB	LinStatic	-4,496E-08	0	0,112	0	0	0
23	SW2SVB	LinStatic	-6,717E-08	0	0,167	0	0	0
23	SISMAVB	LinStatic	2,91E-07	0	5,468	0	0	0
23	LM71SX	LinStatic	-6,242E-07	0	-0,124	0	0	0
23	LM71DX	LinStatic	-1,543E-06	0	5,498	0	0	0
24	PP	LinStatic	1,312E-05	0	5,944	0	0	0
24	REINTSUP	LinStatic	-1,355E-05	0	29,886	0	0	0
24	BALLAST	LinStatic	-8,775E-07	0	1,935	0	0	0
24	STERRASX	LinStatic	-11,65	0	20,988	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
24	STERRADX	LinStatic	11,65	0	-20,99	0	0	0
24	TERMP	LinStatic	-1,475E-05	0	0,00321	0	0	0
24	TERMN	LinStatic	4,426E-05	0	-0,009631	0	0	0
24	GRADTP	LinStatic	3,423E-05	0	0,002485	0	0	0
24	GRADTN	LinStatic	-3,423E-05	0	-0,002485	0	0	0
24	LM71C	LinStatic	-2,438E-06	0	5,375	0	0	0
24	STLM71	LinStatic	-1,509	0	2,807	0	0	0
24	AVVLM71	LinStatic	-1,112	0	4,14	0	0	0
24	SW2	LinStatic	-2,438E-06	0	5,375	0	0	0
24	STSW2	LinStatic	-1,509	0	2,807	0	0	0
24	FRENSW2	LinStatic	-1,18	0	4,39	0	0	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	-9,175	0	17,071	0	0	0
24	LM71SISO	LinStatic	-0,224	0	0,835	0	0	0
24	SW2SISO	LinStatic	-0,336	0	1,25	0	0	0
24	SISMAO	LinStatic	-0,96	0	2,479	0	0	0
24	LM71SVA	LinStatic	5,058E-08	0	-0,112	0	0	0
24	SW2SVA	LinStatic	7,556E-08	0	-0,167	0	0	0
24	SISMAVA	LinStatic	-3,273E-07	0	-5,47	0	0	0
24	LM71SVB	LinStatic	-5,058E-08	0	0,112	0	0	0
24	SW2SVB	LinStatic	-7,556E-08	0	0,167	0	0	0
24	SISMAVB	LinStatic	3,273E-07	0	5,47	0	0	0
24	LM71SX	LinStatic	-5,579E-07	0	-0,476	0	0	0
24	LM71DX	LinStatic	-1,88E-06	0	5,851	0	0	0
25	PP	LinStatic	1,268E-05	0	5,175	0	0	0
25	REINTSUP	LinStatic	-1,311E-05	0	26,019	0	0	0
25	BALLAST	LinStatic	-8,486E-07	0	1,685	0	0	0
25	STERRASX	LinStatic	-10,14	0	20,305	0	0	0
25	STERRADX	LinStatic	10,14	0	-20,311	0	0	0
25	TERMP	LinStatic	-1,427E-05	0	0,004169	0	0	0
25	TERMN	LinStatic	4,28E-05	0	-0,013	0	0	0
25	GRADTP	LinStatic	3,31E-05	0	0,002698	0	0	0
25	GRADTN	LinStatic	-3,31E-05	0	-0,002698	0	0	0
25	LM71C	LinStatic	-2,357E-06	0	4,68	0	0	0
25	STLM71	LinStatic	-1,313	0	2,716	0	0	0
25	AVVLM71	LinStatic	-0,968	0	4,005	0	0	0
25	SW2	LinStatic	-2,357E-06	0	4,68	0	0	0
25	STSW2	LinStatic	-1,313	0	2,716	0	0	0
25	FRENSW2	LinStatic	-1,027	0	4,247	0	0	0
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	-7,985	0	16,516	0	0	0
25	LM71SISO	LinStatic	-0,195	0	0,808	0	0	0
25	SW2SISO	LinStatic	-0,292	0	1,209	0	0	0
25	SISMAO	LinStatic	-0,836	0	2,399	0	0	0
25	LM71SVA	LinStatic	4,891E-08	0	-0,097	0	0	0
25	SW2SVA	LinStatic	7,308E-08	0	-0,145	0	0	0
25	SISMAVA	LinStatic	-3,166E-07	0	-4,762	0	0	0
25	LM71SVB	LinStatic	-4,891E-08	0	0,097	0	0	0
25	SW2SVB	LinStatic	-7,308E-08	0	0,145	0	0	0
25	SISMAVB	LinStatic	3,166E-07	0	4,762	0	0	0
25	LM71SX	LinStatic	-4,28E-07	0	-0,72	0	0	0
25	LM71DX	LinStatic	-1,929E-06	0	5,4	0	0	0
26	PP	LinStatic	1,159E-05	0	4,406	0	0	0
26	REINTSUP	LinStatic	-1,198E-05	0	22,149	0	0	0
26	BALLAST	LinStatic	-7,757E-07	0	1,434	0	0	0
26	STERRASX	LinStatic	-8,629	0	18,567	0	0	0
26	STERRADX	LinStatic	8,63	0	-18,575	0	0	0
26	TERMP	LinStatic	-1,304E-05	0	0,004484	0	0	0
26	TERMN	LinStatic	3,912E-05	0	-0,013	0	0	0
26	GRADTP	LinStatic	3,026E-05	0	0,002567	0	0	0
26	GRADTN	LinStatic	-3,026E-05	0	-0,002567	0	0	0
26	LM71C	LinStatic	-2,155E-06	0	3,984	0	0	0
26	STLM71	LinStatic	-1,118	0	2,483	0	0	0
26	AVVLM71	LinStatic	-0,824	0	3,662	0	0	0
26	SW2	LinStatic	-2,155E-06	0	3,984	0	0	0
26	STSW2	LinStatic	-1,118	0	2,483	0	0	0
26	FRENSW2	LinStatic	-0,874	0	3,883	0	0	0
26	SERP	LinStatic	0	0	0	0	0	0



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Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
26	INCRTER	LinStatic	-6,796	0	15,102	0	0	0
26	LM71SISO	LinStatic	-0,166	0	0,739	0	0	0
26	SW2SISO	LinStatic	-0,249	0	1,106	0	0	0
26	SISMAO	LinStatic	-0,711	0	2,194	0	0	0
26	LM71SVA	LinStatic	4,471E-08	0	-0,083	0	0	0
26	SW2SVA	LinStatic	6,68E-08	0	-0,123	0	0	0
26	SISMAVA	LinStatic	-2,894E-07	0	-4,054	0	0	0
26	LM71SVB	LinStatic	-4,471E-08	0	0,083	0	0	0
26	SW2SVB	LinStatic	-6,68E-08	0	0,123	0	0	0
26	SISMAVB	LinStatic	2,894E-07	0	4,054	0	0	0
26	LM71SX	LinStatic	-3,279E-07	0	-0,806	0	0	0
26	LM71DX	LinStatic	-1,827E-06	0	4,789	0	0	0
27	PP	LinStatic	6,197E-06	0	2,203	0	0	0
27	REINTSUP	LinStatic	-6,404E-06	0	11,077	0	0	0
27	BALLAST	LinStatic	-4,146E-07	0	0,717	0	0	0
27	STERRASX	LinStatic	-4,315	0	9,927	0	0	0
27	STERRADX	LinStatic	4,315	0	-9,932	0	0	0
27	TERMP	LinStatic	-6,97E-06	0	0,002739	0	0	0
27	TERMN	LinStatic	2,091E-05	0	-0,008218	0	0	0
27	GRADTP	LinStatic	1,617E-05	0	0,001383	0	0	0
27	GRADTN	LinStatic	-1,617E-05	0	-0,001383	0	0	0
27	LM71C	LinStatic	-1,152E-06	0	1,992	0	0	0
27	STLM71	LinStatic	-0,559	0	1,328	0	0	0
27	AVVLM71	LinStatic	-0,412	0	1,958	0	0	0
27	SW2	LinStatic	-1,152E-06	0	1,992	0	0	0
27	STSW2	LinStatic	-0,559	0	1,328	0	0	0
27	FRENSW2	LinStatic	-0,437	0	2,076	0	0	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	-3,398	0	8,074	0	0	0
27	LM71SISO	LinStatic	-0,083	0	0,395	0	0	0
27	SW2SISO	LinStatic	-0,124	0	0,591	0	0	0
27	SISMAO	LinStatic	-0,356	0	1,173	0	0	0
27	LM71SVA	LinStatic	2,39E-08	0	-0,041	0	0	0
27	SW2SVA	LinStatic	3,57E-08	0	-0,062	0	0	0
27	SISMAVA	LinStatic	-1,547E-07	0	-2,027	0	0	0
27	LM71SVB	LinStatic	-2,39E-08	0	0,041	0	0	0
27	SW2SVB	LinStatic	-3,57E-08	0	0,062	0	0	0
27	SISMAVB	LinStatic	1,547E-07	0	2,027	0	0	0
27	LM71SX	LinStatic	-1,458E-07	0	-0,499	0	0	0
27	LM71DX	LinStatic	-1,006E-06	0	2,492	0	0	0

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1 KN/m	U2 KN/m	U3 KN/m	R1 KN-m/rad	R2 KN-m/rad	R3 KN-m/rad
1	Local	25	25	250	0	0	0
2	Local	50	50	500	0	0	0
3	Local	58,75	58,75	587,5	0	0	0
4	Local	67,5	67,5	675	0	0	0
5	Local	67,5	67,5	675	0	0	0
6	Local	67,5	67,5	675	0	0	0
7	Local	67,5	67,5	675	0	0	0
8	Local	67,5	67,5	675	0	0	0
9	Local	67,5	67,5	675	0	0	0
10	Local	67,5	67,5	675	0	0	0
11	Local	67,5	67,5	675	0	0	0
12	Local	48,75	48,75	487,5	0	0	0
14	Local	37,5	37,5	375	0	0	0
16	Local	48,75	48,75	487,5	0	0	0
17	Local	67,5	67,5	675	0	0	0
18	Local	67,5	67,5	675	0	0	0
19	Local	67,5	67,5	675	0	0	0
20	Local	67,5	67,5	675	0	0	0
21	Local	67,5	67,5	675	0	0	0
22	Local	67,5	67,5	675	0	0	0
23	Local	67,5	67,5	675	0	0	0
24	Local	67,5	67,5	675	0	0	0

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Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
25	Local	58,75	58,75	587,5	0	0	0
26	Local	50	50	500	0	0	0
27	Local	25	25	250	0	0	0
13	Local	37,5	37,5	375	0	0	0
15	Local	37,5	37,5	375	0	0	0

Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
PP	LinStatic	Zero				Prog Det	Dead
REINTSUP	LinStatic	Zero				Prog Det	Live
BALLAST	LinStatic	Zero				Prog Det	Live
STERRASX	LinStatic	Zero				Prog Det	Live
STERRADX	LinStatic	Zero				Prog Det	Live
TERMP	LinStatic	Zero				Prog Det	Live
TERMN	LinStatic	Zero				Prog Det	Live
GRADTP	LinStatic	Zero				Prog Det	Live
GRADTN	LinStatic	Zero				Prog Det	Live
LM71C	LinStatic	Zero				Prog Det	Live
STLM71	LinStatic	Zero				Prog Det	Live
AVVLM71	LinStatic	Zero				Prog Det	Live
SW2	LinStatic	Zero				Prog Det	Live
STSW2	LinStatic	Zero				Prog Det	Live
FRENSW2	LinStatic	Zero				Prog Det	Live
SERP	LinStatic	Zero				Prog Det	Live
INCRTER	LinStatic	Zero				Prog Det	Live
LM71SISO	LinStatic	Zero				Prog Det	Live
SW2SISO	LinStatic	Zero				Prog Det	Live
SISMAO	LinStatic	Zero				Prog Det	Live
LM71SVA	LinStatic	Zero				Prog Det	Live
SW2SVA	LinStatic	Zero				Prog Det	Live
SISMAVA	LinStatic	Zero				Prog Det	Live
LM71SVB	LinStatic	Zero				Prog Det	Live
SW2SVB	LinStatic	Zero				Prog Det	Live
SISMAVB	LinStatic	Zero				Prog Det	Live
LM71SX	LinStatic	Zero				Prog Det	Live
LM71DX	LinStatic	Zero				Prog Det	Live

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
PP	Prog Det	Non-Composite	None	Yes	Finished	
REINTSUP	Prog Det	Short-Term Composite	None	Yes	Finished	
BALLAST	Prog Det	Short-Term Composite	None	Yes	Finished	
STERRASX	Prog Det	Short-Term Composite	None	Yes	Finished	
STERRADX	Prog Det	Short-Term Composite	None	Yes	Finished	
TERMP	Prog Det	Short-Term Composite	None	Yes	Finished	
TERMN	Prog Det	Short-Term Composite	None	Yes	Finished	
GRADTP	Prog Det	Short-Term Composite	None	Yes	Finished	
GRADTN	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71C	Prog Det	Short-Term Composite	None	Yes	Finished	
STLM71	Prog Det	Short-Term Composite	None	Yes	Finished	
AVVLM71	Prog Det	Short-Term Composite	None	Yes	Finished	
SW2	Prog Det	Short-Term Composite	None	Yes	Finished	

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Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
STSW2	Prog Det	Short-Term Composite	None	Yes	Finished	
FRENSW2	Prog Det	Short-Term Composite	None	Yes	Finished	
SERP	Prog Det	Short-Term Composite	None	Yes	Finished	
INCRTER	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71SISO	Prog Det	Short-Term Composite	None	Yes	Finished	
SW2SISO	Prog Det	Short-Term Composite	None	Yes	Finished	
SISMAO	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71SVA	Prog Det	Short-Term Composite	None	Yes	Finished	
SW2SVA	Prog Det	Short-Term Composite	None	Yes	Finished	
SISMAVA	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71SVB	Prog Det	Short-Term Composite	None	Yes	Finished	
SW2SVB	Prog Det	Short-Term Composite	None	Yes	Finished	
SISMAVB	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71SX	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71DX	Prog Det	Short-Term Composite	None	Yes	Finished	

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

Case	Notes
PP	
REINTSUP	
BALLAST	
STERRASX	
STERRADX	
TERMP	
TERMN	
GRADTP	
GRADTN	
LM71C	
STLM71	
AVVLM71	
SW2	
STSW2	
FRENSW2	
SERP	
INCRTER	
LM71SISO	
SW2SISO	
SISMAO	
LM71SVA	
SW2SVA	
SISMAVA	
LM71SVB	
SW2SVB	
SISMAVB	
LM71SX	
LM71DX	

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	SymType	TempDepend	Color	GUID
A615Gr60	Rebar	Uniaxial	No	Cyan	

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Table: Material Properties 01 - General, Part 1 of 2

Material	Type	SymType	TempDepend	Color	GUID
C32/40	Concrete	Isotropic	No	Green	

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
A615Gr60	ASTM A615 Grade 60 11/04/2018 17:00:28
C32/40	Italy UNI EN 206-1:2006 e UNI 11104:2004 C32/40 added 01/01/2018 00:12:09

Table: Material Properties 03b - Concrete Data, Part 1 of 2

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Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1

Table: Material Properties 03b - Concrete Data, Part 2 of 2

Table: Material Properties 03b - Concrete
Data, Part 2 of 2

Material	FAngle Degrees	DAngle Degrees
C32/40	0	0