COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

ALTA SORVEGLIANZA:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

GENERAL CONTRACTOR:

Cepav due

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

SLF3 - SOTTOPASSO S.C. VIA BETLEMME - PK 148+787,141
RELAZIONE DI CALCOLO SCATOLARE AV/AC

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

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC	OPERA/DISCIPLINA	PROGR	REV
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PROGETTAZIONE								IL PROGETTISTA
Rev.	Descrizione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	
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1. INTRODUZIONE

La presente relazione è relativa al calcolo dello scatolare ferroviario facente parte dell'opera denominata "SLF3 – Sottopasso poderale PK 148+787.141", prevista nell'ambito dei lavori inerenti la linea A.V./A.C. TORINO – VENEZIA, tratta MILANO – VERONA, lotto funzionale Brescia – Verona, ubicata al km 146+769.891 della linea ferroviaria.

La struttura scatolare, realizzata in c.a. mediante getto in opera, ha dimensioni interne trasversali pari a 4.00×5.60m, una dimensione longitudinale pari a 41.15m e presenta un ricoprimento, ovvero la distanza tra la quota del piano del ferro e l'estradosso della soletta superiore, pari a 1.32m.

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 nel 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.

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 rigidezza nei confronti delle azioni orizzontali (creazione di cerniere plastiche secondo il criterio della gerarchia delle resistenze), mantenendo ancora un margine di sicurezza (resistenza e rigidezza) nei confronti delle azioni verticali.

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:

$V_R = V_N \cdot C_u = 150$ 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:

$$T_R(SLV) = -\frac{Vr}{\ln(1 - Pvr)} = 1424 \text{ anni}$$

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.

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

$F_0 \rightarrow$ valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

$T^*_c \rightarrow$ periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

$S \rightarrow$ coefficiente che comprende l'effetto dell'amplificazione stratigrafica (Ss) e dell'amplificazione topografica (St).

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 combinazione 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.

4.1.1. Calcestruzzo

Per la realizzazione dei piedritti e della soletta di copertura dello scatolare, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C30/37 (Rck ≥37 N/mm^2) che presenta le seguenti caratteristiche:

- Resistenza caratteristica a compressione (cilindrica) $\rightarrow f_{ck} = 0.83\times R_{ck} = 30.71$ N/mm^2
- Resistenza media a compressione $\rightarrow f_{cm} = f_{ck} + 8 = 38.71$ N/mm^2
- Modulo elastico $\rightarrow E_{cm}=22000 \times (f_{cm}/10)^{0.3} = 33019$ N/mm^2
- Resistenza di calcolo a compressione $\rightarrow f_{cd} = \alpha_{cc} \times f_{ck}/\gamma_c = 0.85* f_{ck}/1.5= 17.40$ N/mm^2
- Resistenza a trazione media $\rightarrow f_{ctm} = 0.30 \times f_{ck}^{2/3} = 2.94$ N/mm^2
- Resistenza a trazione $\rightarrow f_{ctk} = 0.7 \times f_{ctm} = 2.059$ N/mm^2
- Resistenza a trazione di calcolo $\rightarrow f_{ctd} = f_{ctk} / \gamma_c = 1.373$ N/mm^2
- Resistenza a compressione (comb. Rara) $\rightarrow \sigma_c = 0.55 \times f_{ck} = 16.89$ N/mm^2
- Resistenza a compressione (comb. Quasi permanente) $\rightarrow \sigma_c= 0.40 \times f_{ck} = 12.28$ N/mm^2

Per la realizzazione della soletta inferiore dello scatolare, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C25/30 (Rck ≥30 N/mm^2) che presenta le seguenti caratteristiche:

- Resistenza caratteristica a compressione (cilindrica) $\rightarrow f_{ck} = 0.83\times R_{ck} = 24.90$ N/mm^2
- Resistenza media a compressione $\rightarrow f_{cm} = f_{ck} + 8 = 32.90$ N/mm^2
- Modulo elastico $\rightarrow E_{cm}=22000 \times (f_{cm}/10)^{0.3} = 31447$ N/mm^2
- Resistenza di calcolo a compressione $\rightarrow f_{cd} = \alpha_{cc} \times f_{ck}/\gamma_c = 0.85* f_{ck}/1.5= 14.11$ N/mm^2
- Resistenza a trazione media $\rightarrow f_{ctm} = 0.30 \times f_{ck}^{2/3} = 2.56$ N/mm^2
- Resistenza a trazione $\rightarrow f_{ctk} = 0.7 \times f_{ctm} = 1.79$ N/mm^2
- Resistenza a trazione di calcolo $\rightarrow f_{ctd} = f_{ctk} / \gamma_c = 1.19$ N/mm^2
- Resistenza a compressione (comb. Rara) $\rightarrow \sigma_c = 0.55 \times f_{ck} = 13.69$ N/mm^2
- Resistenza a compressione (comb. Quasi permanente) $\rightarrow \sigma_c= 0.40 \times f_{ck} = 9.96$ N/mm^2

4.2. 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}	≥7.5%
Rapporto f_t/f_y	$1,15 \leq R_m/R_e \leq 1,35$
Rapporto $f_{y\ misurato}/ f_{y\ nom}$	≤ 1,25

- Tensione di snervamento caratteristica → $f_{yk} \geq 450$ N/mm^2
- Tensione caratteristica a rottura → $f_{tk} \geq 540$ N/mm^2
- Tensione in condizione di esercizio (comb. Rara) → $\sigma_s = 0.80 * f_{yk} = 360.00$ N/mm^2
- Fattore di sicurezza acciaio → $\gamma_s = 1.15$
- Resistenza a trazione di calcolo → $f_{yd} = f_{yk} / \gamma_s = 391.30$ N/mm^2

4.3. Durabilità e prescrizioni sui materiali

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

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

Per le opere della presente relazione si adotta quanto segue:

Fondazione	CLASSE DI ESPOSIZIONE	XC2
Elevazione	CLASSE DI ESPOSIZIONE	XC3

4.4. 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: $c_{nom} = c_{min} + h$.

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} = 40 mm.

5. PARAMETRI SISMICI

L'opera ricade nel 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} (SLV) = S a_g = 1.170 × 1.00 × 0.237 g = 0.277 g.

6. PARAMETRI GEOTECNICI

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

Materiali da reinterro a tergo dello scatolare:

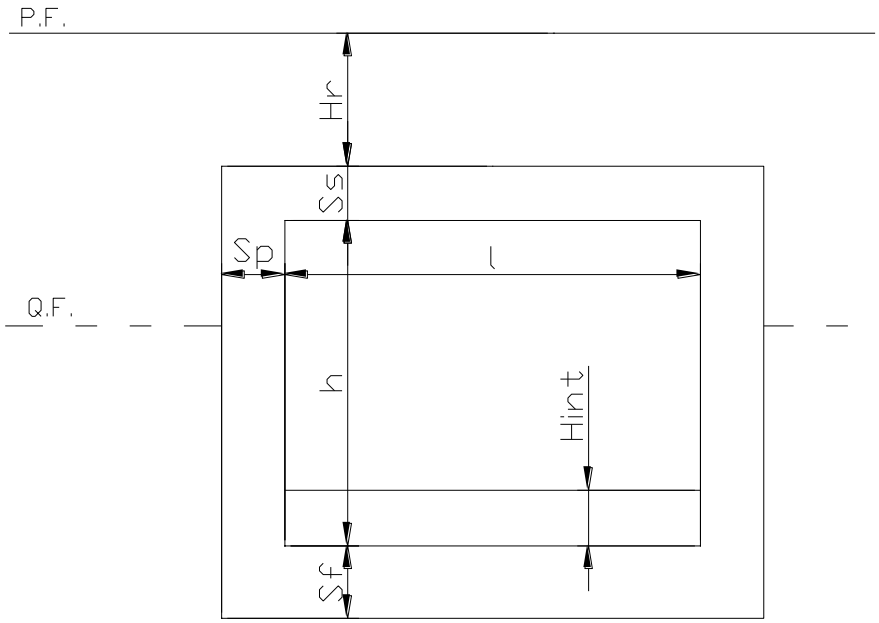
- $\Phi'_k = 35°$
- $\gamma_m = 20$ kN/m^3
- $\gamma' = 10$ kN/m^3
- $\gamma_w = 10$ kN/m^3

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 = 4.00 m
- h = 5.60 m
- S_s = 0.60 m
- S_f = 0.70 m
- S_p = 0.60 m
- H_r = 1.32 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 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:

$K_s = 5000$ kN/m^3

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

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

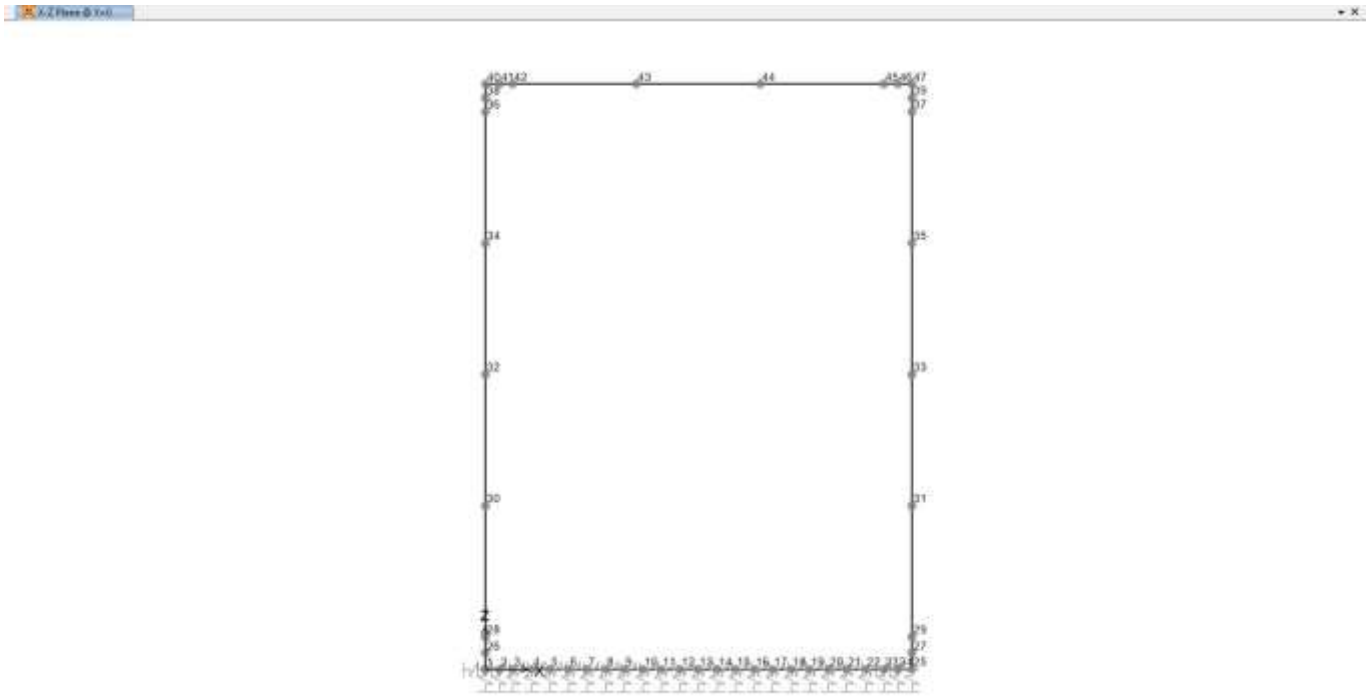
Per quanto riguarda la rigidezza delle aste del reticolo si è assunto:

- E_c = 33019 N/mm^2 (Per cls Rck 37);
- E_c = 31447 N/mm^2 (Per cls Rck 30);

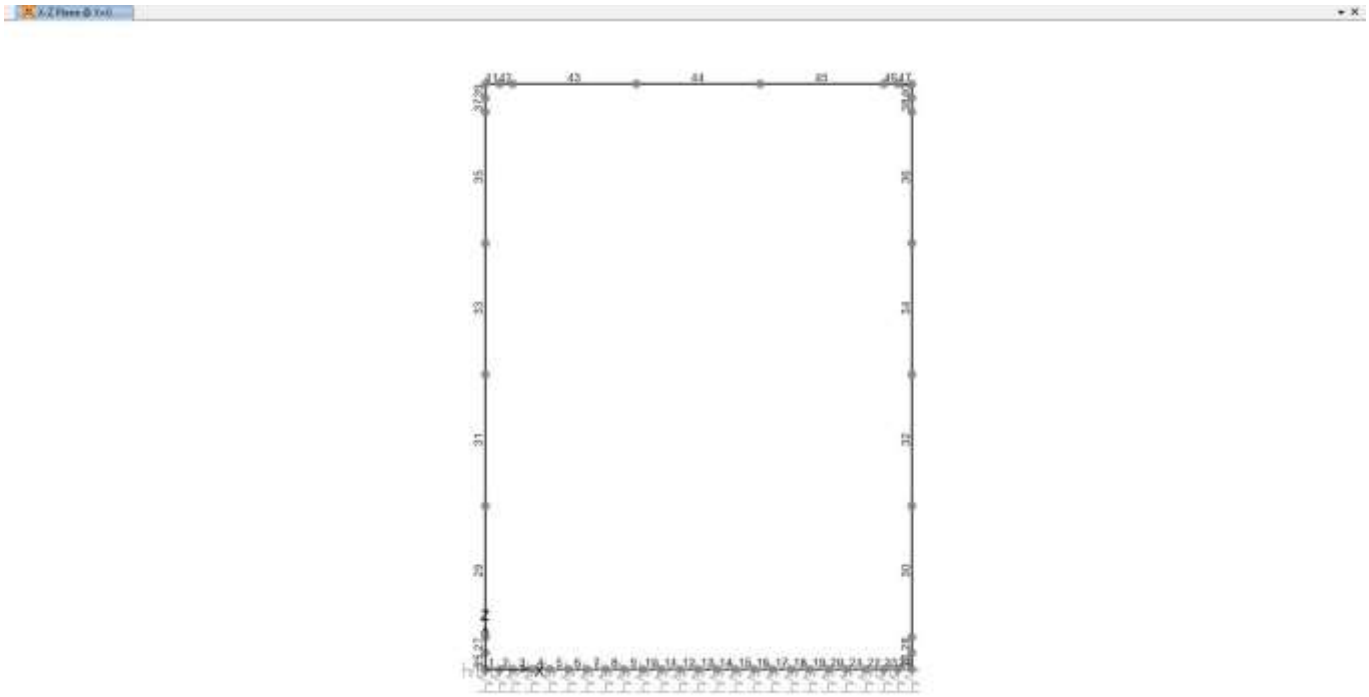
Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle seguenti figure.

8.3. Modellazione scatolare

Numerazione dei nodi:



Numerazione delle aste:



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/m³
- rilevato: $\gamma_{ril} = 20$ kN/m³
- sovrastruttura ferroviaria: $\gamma_{ric} = 24$ kN/m³
- massicciata + armamento: $\gamma_{ballast} = 20$ kN/m³

9.1. Peso proprio strutture (Load1)

- soletta superiore $S_s \times \gamma_{c.a.} = 0.60 \times 25.00 =$ **15.00 kN/m²**
- piedritti $S_p \times \gamma_{c.a.} = 0.60 \times 25.00 =$ **15.00 kN/m²**
- soletta inferiore $S_i \times \gamma_{c.a.} = 0.70 \times 25.00 =$ **17.50 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 sovrastruttura ferroviaria $H_{ric} \times \gamma_{ric} = (1.32 - 0.80) \times 24.00$ = **12.48 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:

$\gamma_t = 20$ kN/m³

$\gamma_w = 10$ kN/m³

$\phi'_k = 35°$

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

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

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 = 1.62m) = $k_{0,M1} \times [H_{ballast} \times \gamma_{ballast} + (h_1 - H_{ballast}) \times \gamma_t$) =

  = 0.4264 × [(0.80 × 20 + (1.62 - 0.80) × 20] = **13.13 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 7.92m) = $P_1 + k_{0,M1} \times (h_2 - h_1) \times \gamma_t$ =

  = 13.13 + 0.4264 x (7.92 – 1.62) x 20 = **66.86 kN/m²**

Approccio 1 – Combinazione 2

- Pressione in asse soletta superiore:

  P_1 (h_1 = 1.62m) = $k_{0,M2} \times [H_{ballast} \times \gamma_{ballast} + (h_1 - H_{ballast}) \times \gamma_t$) =

  = 0.5113 × [(0.80 × 20 + (1.62 - 0.80) × 20] = **15.75 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 7.92m) = $P_1 + k_{0,M2} \times (h_2 - h_1) \times \gamma_t$ =

  = 15.75 + 0.5113 x (7.92 – 1.62) x 20 = **80.17 kN/m²**

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 ±15° 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 ±5° C.

Per il coefficiente di dilatazione termica si assume:

$\alpha = 10 * 10^{-6} = 0.00001\ °C^{-1}$

Ritiro

Gli effetti del ritiro vanno valutati a "lungo termine" attraverso il calcolo dei coefficienti di ritiro finale ε_{cs} (t,t_0) e di viscosità ϕ (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 × A/u = 2 × H = 120 cm, ed un calcestruzzo C30/37 classe N.

Caratteristiche della sezione:

B = 100 cm

H = 60 cm

Deformazione da ritiro:

U.R. = 75%

$\varepsilon_{ca}(t=\infty) = 2.5\times(f_{ck}-10)\times10^{-6} = 2.5\times(0.83\times37-10)\times10^{-6} = 0.052$ ‰

$\varepsilon_{cd}(t=\infty) = k_h \times \varepsilon_{cd,0} = 0.7 \times 0.32$ ‰ = 0.22 ‰ (per h_0>500mm, calcestruzzo C30/37 classe N, U.R.=75%)

$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.273$ ‰

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:

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

$\Delta T = -\varepsilon_r / [\alpha \times (1+\phi)] = -0.273$ ‰ $/ [10\times10^{-6}\times(1+2.5)] = -7.80 \cong -10$ °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:

$\Delta T^{(-)} = -5 - 10 = -15$ °C.

9.5. Carichi mobili verticali sulla soletta superiore (Load 10 e Load 11)

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:

$L_d = 2.60 + 2\times((H_r - 0.40)/4 + S_s/2) = 2.60 + 2\times((1.32-0.40)/4 + 0.60/2) = 3.66$ m > 4.50 m (interasse binario).

Incremento dinamico per linee con elevato standard manutentivo

Nel caso di scatolare con luce singola si considera la situazione di trave continua a tre luci.

L_ϕ = lunghezza caratteristica in metri, valutata come:

$L_\phi = k \times L_m$

$L_m = 1/n\,(L_1 + L_2 + \ldots + L_n)$

$n = 2 - 3 - 4 - \geq 5$

$k = 1.2 - 1.3 - 1.4 - 1.5$

In questa situazione il coefficiente ϕ va ridotto con il coefficiente 0.9.

Ne deriva:

$k = 1.3$.

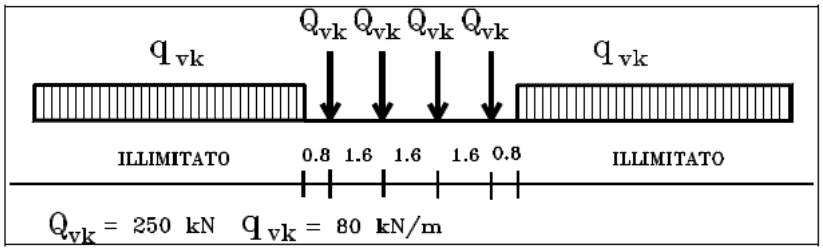
n =3

$L_\phi = 1.3 \times (1/3 \times (6.30 + 4.60 + 6.30)) = 7.453$ m

$\phi_2 = 0.9 \times [1.44/(\sqrt{L_\phi} - 0.2) + 0.82] = 1.25$.

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:

$L_l = 0.25 + 2 \times ((1.32 - 0.40)/4 + 0.60/2) = 1.31$ m > 1.60 m.

La lunghezza di ripartizione longitudinale risulta maggiore all'interasse delle traverse, si considera un'unica impronta di carico di lunghezza pari a $L_l = 1.31 + 3 \times 1.60 = 6.11$ 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:

$q_{equi} = 250 \times 4 / 6.11 = 163.67$ kN/m

- in corrispondenza dei quattro assi da 250 kN

$q_1 = \alpha \times q_{equi} / L_{d1} \times \phi_2 = 1.10 \times 163.67 / 3.66 \times 1.25 =$ **61.50 kN/m²**

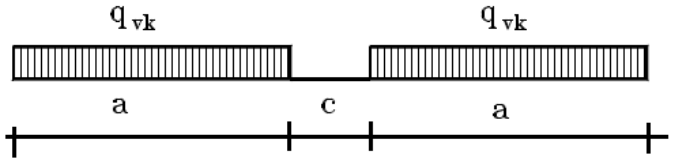
- in corrispondenza del carico q = 80 kN/m

$q_2 = \alpha \times q / L_{d1} \times \phi_2 = 1.10 \times 80 / 3.66 \times 1.25 =$ **30.05 kN/m²**.

La lunghezza di diffusione del mezzo pesante è praticamente uguale alla larghezza lorda dello scatolare, si considererà pertanto un'unica condizione di carico con il mezzo pesante uniformemente distribuito su tutta la luce di calcolo (Load 10).

Treno SW/2 (Load 11)

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 Treni di Carico SW

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

q_{vk} = 150 kN/m

$q = q_{vk} / L_d \times \phi_2 = 150 / 3.66 \times 1.25 =$ **51.24 kN/m²**

Si considera il treno di carico SW/2 applicato su tutta la soletta superiore (Load 11).

9.6. Spinta del sovraccarico sul rilevato (Load 12 e Load 13)

Approccio 1 – Combinazione 1

Per quanto riguarda il carico del treno LM71, in considerazione della larghezza dello scatolare e della disposizione di carico assunta e precedentemente descritta, risulta agente a tergo dei piedritti il carico dovuta al mezzo pesante; si ha pertanto (Load 12):

$p_1 = \alpha \times q / L_{d1} \times k_{0,M1} = 1.10 \times 163.67 / 3.66 \times 0.4264 =$ **20.98 kN/m²**

Per il treno SW/2 si ottiene (Load 13):

$p_2 = q_{vk} / L_{d1} \times k_{0,M1} =$ 150 / 3.66 × 0.4264 = **17.48 kN/m²**

Approccio 1 – Combinazione 2

Per quanto riguarda il carico del treno LM71, in considerazione della larghezza dello scatolare e della disposizione di carico assunta e precedentemente descritta, risulta agente a tergo dei piedritti il carico dovuta al mezzo pesante; si ha pertanto (Load 12):

$p_1 = \alpha \times q / L_{d1} \times k_{0,M2} = 1.10 \times 163.67 / 3.66 \times 0.5113 =$ **25.15 kN/m²**

Per il treno SW/2 si ottiene (Load 13):

$p_2 = q_{vk} / L_{d1} \times k_{0,M2} =$ 150 / 3.66 × 0.5113 = **20.95 kN/m²**

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 14 e Load 15)

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 [kN/m] × L [m] ≤ 1000 kN — avviamento per modelli di carico LM71, SW/0 e SW/2

$Q_{lb,k}$ = 20 [kN/m] × L [m] ≤ 6000 kN — frenatura per modelli di carico LM71 e SW/0

$Q_{lb,k}$ = 35 [kN/m] × L[m] — frenatura per modello di carico SW/2

Treno LM71 – avviamento (**Load 14**)

$Q_{avv,LM71} = 33.0 / L_d = 33.0 / 3.66 = 9.02$ kN/m^2

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

$Q_{avv,LM71} = 9.02 \times (5.20/4.60) =$ **10.19 kN/m^2**

Treno SW/2 – frenatura (**Load 15**)

$Q_{fren,SW/2} = 35.0 / L_d = 35.0 / 3.66 = 9.56$ kN/m

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

$Q_{fren,SW/2} = 9.56 \times (5.20/4.60) =$ **10.81 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'inclinazione dell'asse del sottopasso rispetto all'asse ferroviario è trascurabile 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 è in curva e quindi sulla struttura agisce una forza centrifuga; tuttavia, poiché l'inclinazione dell'asse del sottopasso rispetto all'asse ferroviario è trascurabile e poiché la sezione di calcolo è ortogonale all'asse del sottopasso, la forza centrifuga risulta ortogonale al piano del telaio di calcolo: essa non dà perciò effetti nel modello e non viene quindi quantificata.

9.11. Azione sismica (Load 16÷25)

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 g, accelerazione orizzontale;

a_{gv} = 0.155 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 16**) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot}:

$\Delta p_d = S \cdot a_g/g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 8.27 = 45.82$ 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:

$\Delta p_{d,incr} = \Delta p_d \times (H_{interna} + S_s + S_i) / (H_{interna} + S_s/2 + S_i) = 45.82 \times 6.60 / 6.30$ = **48.00 kN/m^2**

Ai fini del calcolo delle azioni sismiche orizzontali dovute all'inerzia degli elementi strutturali si considera sulla soletta superiore anche l'inerzia dovuta alla presenza del rilevato (**Load 17**):

Piedritti: $\Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.60 \times 0.277$ = **4.16 kN/m^2**

Soletta: $\Delta p_{s,h} = (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gh} = (25 \times 0.60 + 26.88) \times 0.277$ = **11.60 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 18 e Load 19).

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 18**) vale:

$\Delta p_{LM71,h} = 61.50 \times 0.20 \times 0.277 = 3.41$ kN/m^2

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

$\Delta p_{LM71,h} = 3.41 \times (5.20 / 4.60)$ = **3.85 kN/m^2**

Analogamente, l'effetto inerziale del treno di carico SW/2 (**Load 19**) vale:

$\Delta p_{SW/2,h} = 51.24 \times 0.20 \times 0.277 = 2.84$ kN/m^2

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

$\Delta p_{SW/2,h} = 2.84 \times (5.20 / 4.60)$ = **3.21 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 20**, **Load 21**):

Piedritti: $\Delta p_{p,v} = \pm \gamma_{c.a.} \times S_p \times a_{gv} = \pm 25 \times 0.60 \times 0.155$ = **± 2.33 kN/m²**

Soletta: $\Delta p_{s,v} = \pm (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gv} = \pm (25 \times 0.60 + 26.88) \times 0.155$ = **± 6.49 kN/m²**

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 22÷25). 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 22** e **Load 23**):

$\Delta p_{LM71,v} = \pm 61.50 \times 0.20 \times 0.155$ = **± 1.91 kN/m²**

L'inerzia del treno SW/2 si considera uniformemente distribuito sulla soletta superiore (**Load 24** e **Load 25**):

$\Delta p_{SW/2,v} = \pm 51.24 \times 0.20 \times 0.155$ = ± **1.59** kN/m²

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.

Load 1	Soletta superiore	**15,00**	kN/m^2
	Piedritti	**15,00**	kN/m^2
	Soletta inferiore	**17,50**	kN/m^2
Load 2	Sovraccarico permanente	**12,48**	kN/m^2
Load 3	Ballast	**14,40**	kN/m^2
Load 4, Load 5 (M1)	P1	**13,13**	kN/m^2
	P2	**66,86**	kN/m^2
Load 4, Load 5 (M2)	P1	**15,75**	kN/m^2
	P2	**80,17**	kN/m^2
Load 6	T	**5**	°C
Load 7	T	**-15**	°C
Load 8	ΔT	**8,33**	°C/m
Load 9	ΔT	**-8,33**	°C/m
Load 10	q1	**61,50**	kN/m^2
Load 11	q	**51,24**	kN/m^2
Load 12 (M1)	p1	**20,98**	kN/m^2
Load 12 (M2)	p1	**25,15**	kN/m^2
Load 13 (M1)	p2	**17,48**	kN/m^2
Load 13 (M2)	p2	**20,95**	kN/m^2
Load 14	$Q_{avv,LM71}$	**10,19**	kN/m^2
Load 15	$Q_{fren,SW/2}$	**10,81**	kN/m^2
Load 16	$\Delta p_{d,inc}$	**48,00**	kN/m^2
Load 17	$\Delta p_{p,h}$	**4,16**	kN/m^2
	$\Delta p_{s,h}$	**11,60**	kN/m^2
Load 18	$\Delta p_{LM71,h}$	**3,85**	kN/m^2
Load 16	$\Delta p_{SW/2,h}$	**3,21**	kN/m^2
Load 20	$\Delta p_{p,v+}$	**2,33**	kN/m^2
	$\Delta p_{s,v+}$	**6,49**	kN/m^2
Load 21	$\Delta p_{p,v-}$	**-2,33**	kN/m^2
	$\Delta p_{s,v-}$	**-6,49**	kN/m^2
Load 22	$\Delta p_{LM71,v+}$	**1,91**	kN/m^2
Load 23	$\Delta p_{LM71,v-}$	**-1,91**	kN/m^2
Load 24	$\Delta p_{SW/2,v+}$	**1,59**	kN/m^2
Load 25	$\Delta p_{SW/2,v-}$	**-1,59**	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 SW/2
12	Qk	Spinta LM71 su piedritto sx
13	Qk	Spinta SW/2 su piedritto sx
14	Qk	Avviamento LM71
15	Qk	Frenatura SW/2
16	Qk	Incremento dinamico terreno
17	Qk	Azioni sismiche inerziali orizzontali da permanenti
18	Qk	Azioni sismiche inerziali orizzontali da LM71
19	Qk	Azioni sismiche inerziali orizzontali da SW/2
20	Qk	Azioni sismiche inerziali verso alto da permanenti
21	Qk	Azioni sismiche inerziali verso basso da permanenti
22	Qk	Azioni sismiche inerziali verso alto da LM71
23	Qk	Azioni sismiche inerziali verso basso da LM71
24	Qk	Azioni sismiche inerziali verso alto da SW/2
25	Qk	Azioni sismiche inerziali verso basso da SW/2

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 -	LM71	SW/2	Spinta LM71	Spinta SW/2	LM71 avviamento	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1		1,35	1,35	1,5	1,35	1	1,5	0	1,5	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
3	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0
4	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0
5	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0
6	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	1,45	0	0	0
7	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	1,45	0	0,58	0
8	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0,58	0	1,45	0
9	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	1,16	0	1,45	0
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
11	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58
12	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45
13	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45
14	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	1,45	0	0
15	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	1,45	0	0,58
16	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0,58	0	1,45
17	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	1,16	0	1,45
18		1,35	1,35	1,5	1,35	1	0	1,5	1,5	0	0	0	0	0	0	0
19	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0
20	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
21	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
22	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
23	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	1,45	0	0	0
24	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	1,45	0	0,58	0
25	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0,58	0	1,45	0
26	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	1,16	0	1,45	0
27	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0
28	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58
29	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45
30	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45
31	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	1,45	0	0
32	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	1,45	0	0,58
33	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0,58	0	0,58	0	1,45
34	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,16	0	1,16	0	1,45
35		1,35	1,35	1,5	1	1	1,5	0	1,5	0	0	0	0	0	0	0
36	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0	0
37	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0
38	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0
39	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0
40	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	1,45	0	0	0
41	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	1,45	0	0,58	0
42	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0,58	0	0,58	0	1,45	0
43	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,16	0	1,16	0	1,45	0
44	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0
45	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58
46	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45
47	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45
48	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	1,45	0	0
49	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	1,45	0	0,58
50	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0,58	0	0,58	0	1,45
51	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,16	0	1,16	0	1,45
52		1,35	1,35	1,5	1	1	0	1,5	1,5	0	0	0	0	0	0	0
53	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0	0
54	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0
55	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71	SW/2	Spinta LM71	Spinta SW/2	LM71 avviamento	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
56	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0
57	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	1,45	0	0	0
58	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	1,45	0	0,58	0
59	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0,58	0	1,45	0
60	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	1,16	0	1,45	0
61	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0
62	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58
63	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45
64	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45
65	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	1,45	0	0
66	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	1,45	0	0,58
67	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0,58	0	1,45
68	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	1,16	0	1,45
69		1,35	1,35	1,5	1,35	1	1,5	0	0	1,5	0	0	0	0	0	0
70	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0	0
71	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0
72	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0
73	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0
74	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	1,45	0	0	0
75	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	1,45	0	0,58	0
76	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0,58	0	0,58	0	1,45	0
77	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,16	0	1,16	0	1,45	0
78	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0
79	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58
80	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45
81	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45
82	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	1,45	0	0
83	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	1,45	0	0,58
84	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0,58	0	0,58	0	1,45
85	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,16	0	1,16	0	1,45
86		1,35	1,35	1,5	1,35	1	0	1,5	0	1,5	0	0	0	0	0	0
87	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0	0
88	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0
89	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0
90	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0
91	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	1,45	0	0	0
92	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	1,45	0	0,58	0
93	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0,58	0	0,58	0	1,45	0
94	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,16	0	1,16	0	1,45	0
95	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0
96	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58
97	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45
98	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45
99	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	1,45	0	0
100	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	1,45	0	0,58
101	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0,58	0	0,58	0	1,45
102	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,16	0	1,16	0	1,45
103		1,35	1,35	1,5	1	1	1,5	0	0	1,5	0	0	0	0	0	0
104	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0
105	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0
106	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0
107	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0
108	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	1,45	0	0	0
109	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	1,45	0	0,58	0
110	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0,58	0	1,45	0
111	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	1,16	0	1,45	0
112	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0
113	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58
114	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45
115	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45
116	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	1,45	0	0
117	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	1,45	0	0,58
118	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0,58	0	1,45
119	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	1,16	0	1,45
120		1,35	1,35	1,5	1	1	0	1,5	0	1,5	0	0	0	0	0	0
121	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0	0

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71	SW/2	Spinta LM71	Spinta SW/2	LM71 avviamento	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
122	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0
123	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0
124	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0
125	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	1,45	0	0	0
126	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	1,45	0	0,58	0
127	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0,58	0	1,45	0
128	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	1,16	0	1,45	0
129	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0
130	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58
131	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45
132	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45
133	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	1,45	0	0
134	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	1,45	0	0,58
135	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0,58	0	1,45
136	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	1,16	0	1,45

10.1.2. Combinazioni SLU di tipo GEO

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	LM71 terra	LM71 avviamento	SW/2	SW/2 terra	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1		1	1	1,3	1	1	1,3	0	1,3	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
3	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0,5	0	0	0
4	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	1,25	0	0	0
5	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	1,25	0	0	0
6	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	1,25	0	0	0	0
7	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	1,25	0,5	0	0	0
8	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0,5	1,25	0	0	0
9	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	1	1,25	0	0	0
10	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0
11	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0,5
12	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0	1,25
13	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	0	1,25
14	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	1,25	0
15	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	1,25	0,5
16	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0,5	1,25
17	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	1	1,25
18		1	1	1,3	1	1	0	1,3	1,3	0	0	0	0	0	0	0
19	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	0
20	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0,5	0	0	0
21	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	1,25	0	0	0
22	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	1,25	0	0	0
23	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	1,25	0	0	0	0
24	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	1,25	0,5	0	0	0
25	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0,5	1,25	0	0	0
26	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	1	1,25	0	0	0
27	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0
28	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0,5
29	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0	1,25
30	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	0	1,25
31	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	1,25	0
32	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	1,25	0,5
33	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0,5	1,25
34	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	1	1,25
35		1	1	1,3	1	1	1,3	0	0	1,3	0	0	0	0	0	0
36	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0
37	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0,5	0	0	0

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	LM71 terra	LM71 avviamento	SW/2	SW/2 terra	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
38	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0	1,25	0	0	0
39	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	0	1,25	0	0	0
40	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	1,25	0	0	0	0
41	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	1,25	0,5	0	0	0
42	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0,5	1,25	0	0	0
43	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	1	1,25	0	0	0
44	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0
45	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0,5
46	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0	1,25
47	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	0	1,25
48	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	1,25	0
49	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	1,25	0,5
50	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0,5	1,25
51	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	1	1,25
52		1	1	1,3	1	1	0	1,3	0	1,3	0	0	0	0	0	0
53	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0	0
54	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0,5	0	0	0
55	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0	1,25	0	0	0
56	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	1,25	0	0	0
57	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	1,25	0	0	0	0
58	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	1,25	0,5	0	0	0
59	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0,5	1,25	0	0	0
60	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	1	1,25	0	0	0
61	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0
62	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5
63	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25
64	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25
65	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	1,25	0
66	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	1,25	0,5
67	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0,5	1,25
68	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	1	1,25

10.1.3. Combinazioni SLV

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.

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	SW/2	LM71 terra	SW/2 terra	LM71 avviamento	SW/2 frenatura	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71	Sisma orizz da massa SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71	Sisma verso basso da LM71	Sisma verso alto da SW2	Sisma verso basso da 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
1	1	1	1	1	1	0,5	0	0,5	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	0,2	0	0,2	0	1	1	1		0,3		0,3			
3	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	1	1		1	0,3				0,3	
4	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0,3	0,3			1					
5	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3		1		1			
6	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3	1				1	
7	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	1	1				0,3				
8	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0,2	0	0,2	0	1	1	1			0,3		0,3		
9	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	1	1		1		0,3				0,3
10	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0,3	0,3				1				
11	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3			1		1		
12	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3		1				1
13	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	1	1			0,3					

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	SW/2	LM71 terra	SW/2 terra	LM71 avviamento	SW/2 frenatura	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71	Sisma orizz da massa SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71	Sisma verso basso da LM71	Sisma verso alto da SW2	Sisma verso basso da 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
14	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0,2	0	0,2	0	1	1	1		0,3		0,3			
15	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0,2	0	0,2	1	1		1	0,3				0,3	
16	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0,3	0,3			1					
17	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3		1		1			
18	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3	1				1	
19	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	1	1				0,3				
20	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0,2	0	0,2	0	1	1	1			0,3		0,3		
21	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0,2	0	0,2	1	1		1		0,3				0,3
22	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0,3	0,3				1				
23	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3			1		1		
24	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3		1				1
25	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	1	1			0,3					
26	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0,2	0	0,2	0	1	1	1		0,3		0,3			
27	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0,2	0	0,2	1	1		1	0,3				0,3	
28	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0,3	0,3			1					
29	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3		1		1			
30	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3	1				1	
31	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	1	1				0,3				
32	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0,2	0	0,2	0	1	1	1			0,3		0,3		
33	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0,2	0	0,2	1	1		1		0,3				0,3
34	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0,3	0,3				1				
35	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3			1		1		
36	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3		1				1
37	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	1	1			0,3					
38	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0,2	0	0,2	0	1	1	1		0,3		0,3			
39	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0,2	0	0,2	1	1		1	0,3				0,3	
40	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0,3	0,3			1					
41	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3		1		1			
42	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3	1				1	
43	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	1	1				0,3				
44	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0,2	0	0,2	0	1	1	1			0,3		0,3		
45	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0,2	0	0,2	1	1		1		0,3				0,3
46	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0,3	0,3				1				
47	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0,2	0	0,2	0	0,3	0,3	0,3			1		1		
48	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0,2	0	0,2	0,3	0,3		0,3		1				1

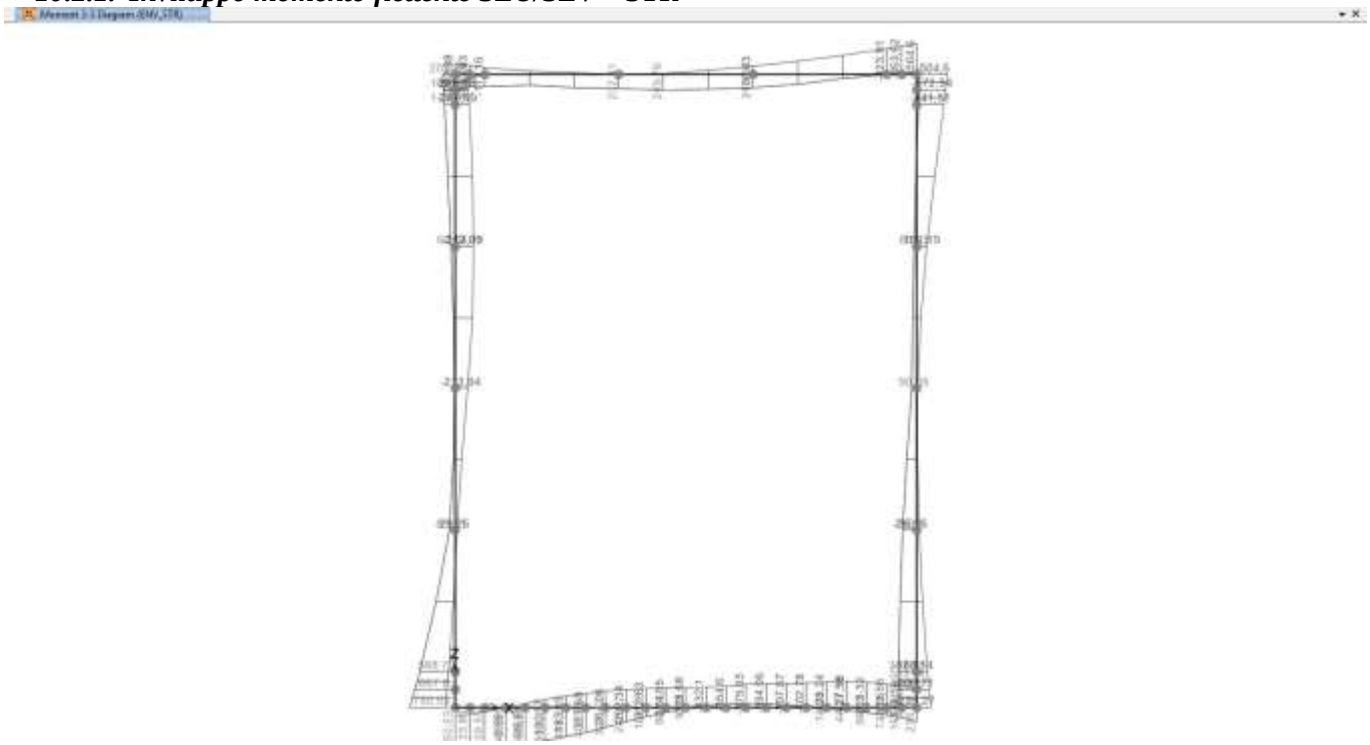
10.1.4. Combinazioni SLE – Quasi Permanente –Caratteristica

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	SW/2	LM71 terra	SW/2 terra	LM71 avviamento	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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		1	0	0	0	0,5	0
Car2	gr1	1	1	1	1	1	0,6	0	0,6		1	0	0	0	0	0
Car3	gr1	1	1	1	1	1	0,6	0	0,6		1	0	1	0	0,5	0
Car4	gr1	1	1	1	1	1	0,6	0	0,6		1	0	1	0	0	0
Car5	gr1	1	1	1	1	1	0	0,6	0,6		1	0	0	0	0,5	0
Car6	gr1	1	1	1	1	1	0	0,6	0,6		1	0	0	0	0	0
Car7	gr1	1	1	1	1	1	0	0,6	0,6		1	0	1	0	0,5	0
Car8	gr1	1	1	1	1	1	0	0,6	0,6		1	0	1	0	0	0
Car9	gr3	1	1	1	1	1	0,6	0	0,6		0,5	0	0	0	1	0
Car10	gr3	1	1	1	1	1	0,6	0	0,6		1	0	0	0	1	0

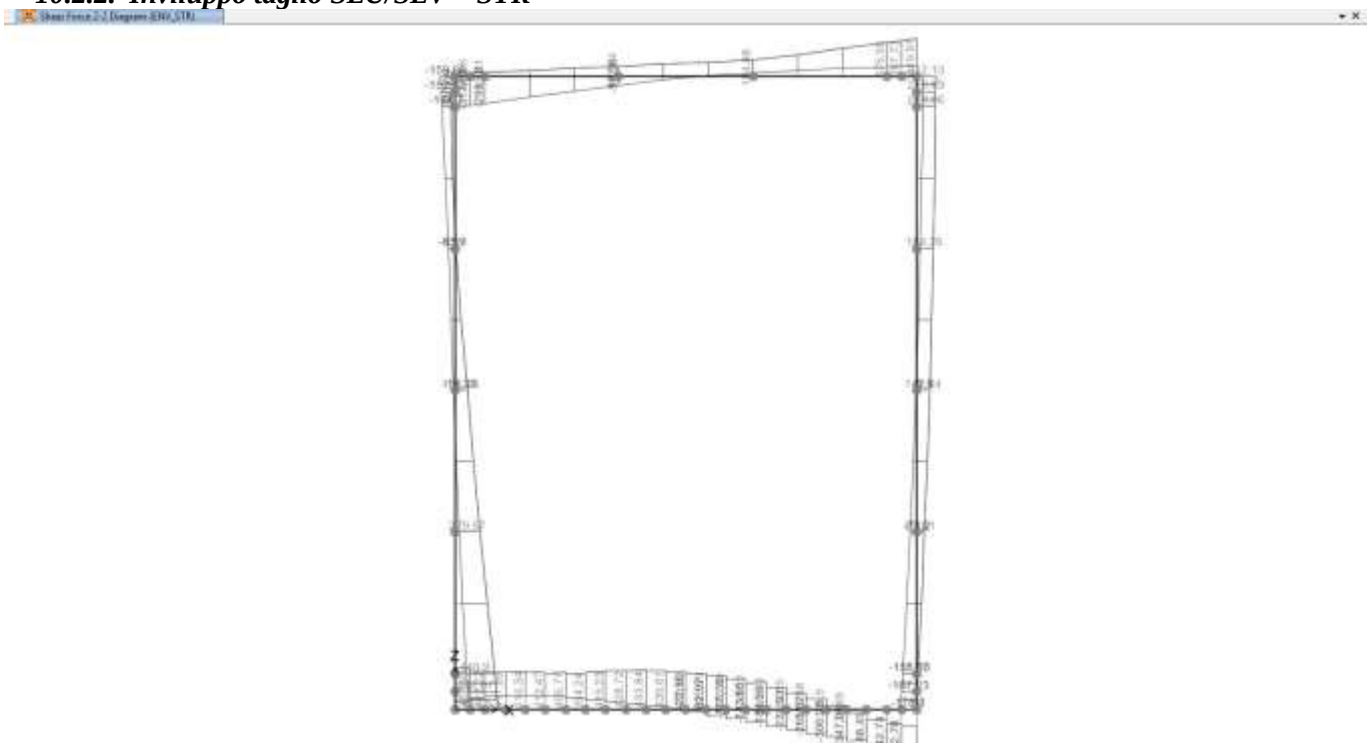
n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT -	LM71 centro	SW/2	LM71 terra	SW/2 terra	LM71 avviamento	SW/2 frenatura
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Car11	gr3	1	1	1	1	1	0,6	0	0,6		1	0	1	0	1	0
Car12	gr3	1	1	1	1	1	0,6	0	0,6		0,5	0	0,5	0	1	0
Car13	gr3	1	1	1	1	1	0	0,6	0,6		0,5	0	0	0	1	0
Car14	gr3	1	1	1	1	1	0	0,6	0,6		1	0	0	0	1	0
Car15	gr3	1	1	1	1	1	0	0,6	0,6		1	0	1	0	1	0
Car16	gr3	1	1	1	1	1	0	0,6	0,6		0,5	0	0,5	0	1	0
Car17	gr1	1	1	1	1	1	0,6	0	0,6		0	1	0	0	0	0,5
Car18	gr1	1	1	1	1	1	0,6	0	0,6		0	1	0	0	0	0
Car19	gr1	1	1	1	1	1	0,6	0	0,6		0	1	0	1	0	0,5
Car20	gr1	1	1	1	1	1	0,6	0	0,6		0	1	0	1	0	0
Car21	gr1	1	1	1	1	1	0	0,6	0,6		0	1	0	0	0	0,5
Car22	gr1	1	1	1	1	1	0	0,6	0,6		0	1	0	0	0	0
Car23	gr1	1	1	1	1	1	0	0,6	0,6		0	1	0	1	0	0,5
Car24	gr1	1	1	1	1	1	0	0,6	0,6		0	1	0	1	0	0
Car25	gr3	1	1	1	1	1	0,6	0	0,6		0	0,5	0	0	0	1
Car26	gr3	1	1	1	1	1	0,6	0	0,6		0	1	0	0	0	1
Car27	gr3	1	1	1	1	1	0,6	0	0,6		0	1	0	1	0	1
Car28	gr3	1	1	1	1	1	0,6	0	0,6		0	0,5	0	0,5	0	1
Car29	gr3	1	1	1	1	1	0	0,6	0,6		0	0,5	0	0	0	1
Car30	gr3	1	1	1	1	1	0	0,6	0,6		0	1	0	0	0	1
Car31	gr3	1	1	1	1	1	0	0,6	0,6		0	1	0	1	0	1
Car32	gr3	1	1	1	1	1	0	0,6	0,6		0	0,5	0	0,5	0	1
Car33		1	1	1	1	1	1	0	1		0	0	0	0	0	0
Car34		1	1	1	1	1	0	1	1		0	0	0	0	0	0
Car35	gr1	1	1	1	1	1	0,6	0		0,6	1	0	0	0	0,5	0
Car36	gr1	1	1	1	1	1	0,6	0		0,6	1	0	0	0	0	0
Car37	gr1	1	1	1	1	1	0,6	0		0,6	1	0	1	0	0,5	0
Car38	gr1	1	1	1	1	1	0,6	0		0,6	1	0	1	0	0	0
Car39	gr1	1	1	1	1	1	0	0,6		0,6	1	0	0	0	0,5	0
Car40	gr1	1	1	1	1	1	0	0,6		0,6	1	0	0	0	0	0
Car41	gr1	1	1	1	1	1	0	0,6		0,6	1	0	1	0	0,5	0
Car42	gr1	1	1	1	1	1	0	0,6		0,6	1	0	1	0	0	0
Car43	gr3	1	1	1	1	1	0,6	0		0,6	0,5	0	0	0	1	0
Car44	gr3	1	1	1	1	1	0,6	0		0,6	1	0	0	0	1	0
Car45	gr3	1	1	1	1	1	0,6	0		0,6	1	0	1	0	1	0
Car46	gr3	1	1	1	1	1	0,6	0		0,6	0,5	0	0,5	0	1	0
Car47	gr3	1	1	1	1	1	0	0,6		0,6	0,5	0	0	0	1	0
Car48	gr3	1	1	1	1	1	0	0,6		0,6	1	0	0	0	1	0
Car49	gr3	1	1	1	1	1	0	0,6		0,6	1	0	1	0	1	0
Car50	gr3	1	1	1	1	1	0	0,6		0,6	0,5	0	0,5	0	1	0
Car51	gr1	1	1	1	1	1	0,6	0		0,6	0	1	0	0	0	0,5
Car52	gr1	1	1	1	1	1	0,6	0		0,6	0	1	0	0	0	0
Car53	gr1	1	1	1	1	1	0,6	0		0,6	0	1	0	1	0	0,5
Car54	gr1	1	1	1	1	1	0,6	0		0,6	0	1	0	1	0	0
Car55	gr1	1	1	1	1	1	0	0,6		0,6	0	1	0	0	0	0,5
Car56	gr1	1	1	1	1	1	0	0,6		0,6	0	1	0	0	0	0
Car57	gr1	1	1	1	1	1	0	0,6		0,6	0	1	0	1	0	0,5
Car58	gr1	1	1	1	1	1	0	0,6		0,6	0	1	0	1	0	0
Car59	gr3	1	1	1	1	1	0,6	0		0,6	0	0,5	0	0	0	1
Car60	gr3	1	1	1	1	1	0,6	0		0,6	0	1	0	0	0	1
Car61	gr3	1	1	1	1	1	0,6	0		0,6	0	1	0	1	0	1
Car62	gr3	1	1	1	1	1	0,6	0		0,6	0	0,5	0	0,5	0	1
Car63	gr3	1	1	1	1	1	0	0,6		0,6	0	0,5	0	0	0	1
Car64	gr3	1	1	1	1	1	0	0,6		0,6	0	1	0	0	0	1
Car65	gr3	1	1	1	1	1	0	0,6		0,6	0	1	0	1	0	1
Car66	gr3	1	1	1	1	1	0	0,6		0,6	0	0,5	0	0,5	0	1
Car67		1	1	1	1	1	1	0		1	0	0	0	0	0	0
Car68		1	1	1	1	1	0	1		1	0	0	0	0	0	0

10.2. Diagrammi di inviluppo

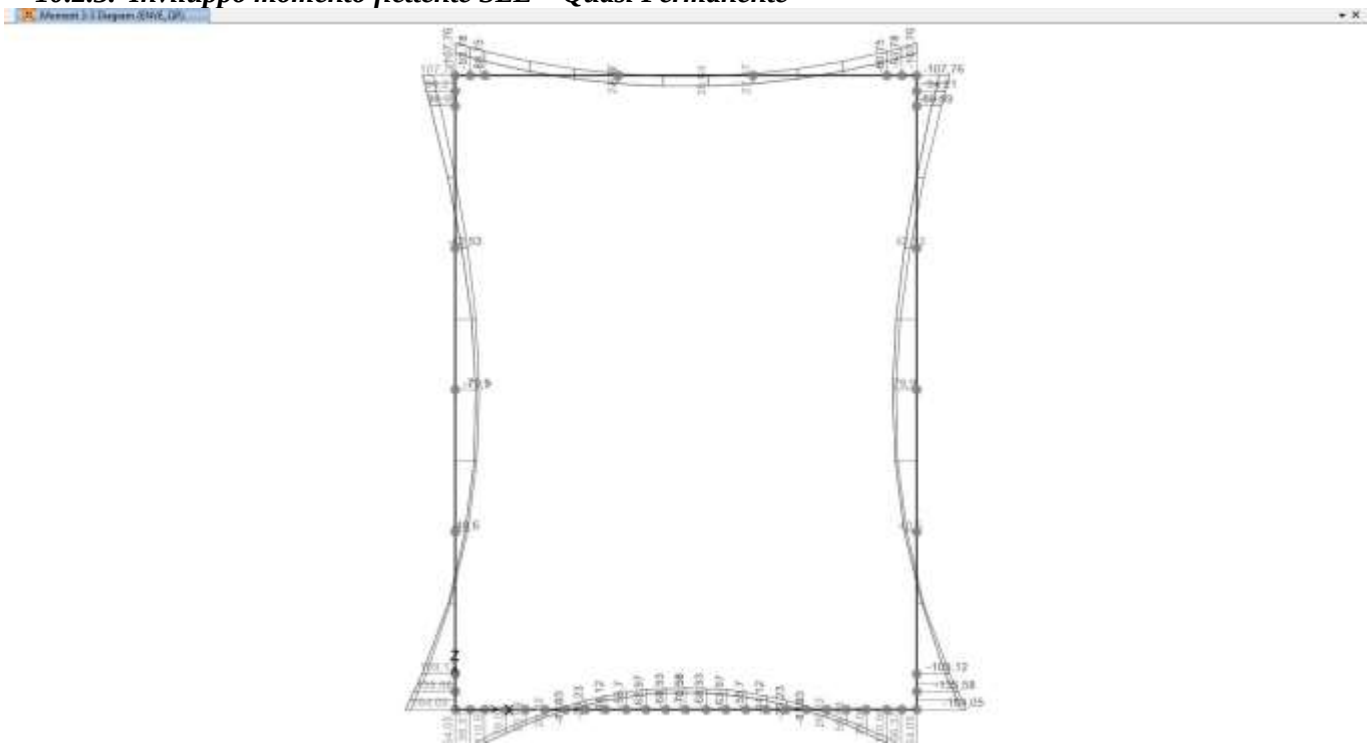
10.2.1. Inviluppo momento flettente SLU/SLV – STR



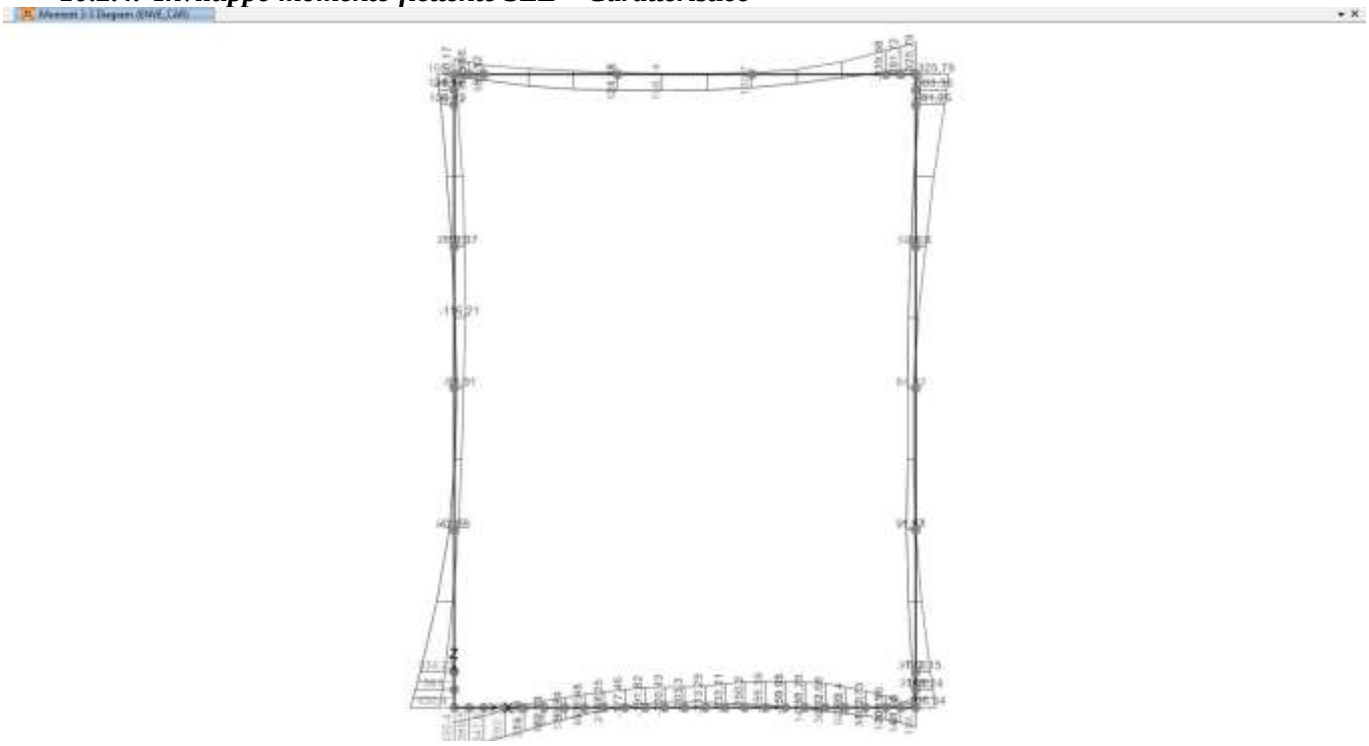
10.2.2. Inviluppo taglio SLU/SLV – STR



10.2.3. Inviluppo momento flettente SLE – Quasi Permanente



10.2.4. Inviluppo momento flettente SLE – Caratteristico



11. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO

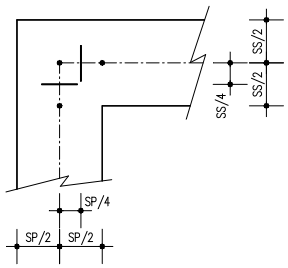
Di seguito si riportano le verifiche delle sezioni per le aste più significative e per le Combinazioni di carico risultate più critiche.

Le verifiche a flessione sono effettuate rispettivamente:

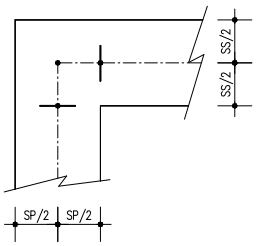
- nella sezione ubicata a metà fra asse piedritto e sezione d'attacco piedritto-soletta nel caso delle verifiche della soletta;

- 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: $w_k \leq w_3 = 0.20mm$
- condizioni ambientali ordinarie: $w_k \leq w_3 = 0.30mm$

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 $\sigma_c < 0.55\ f_{ck}$,

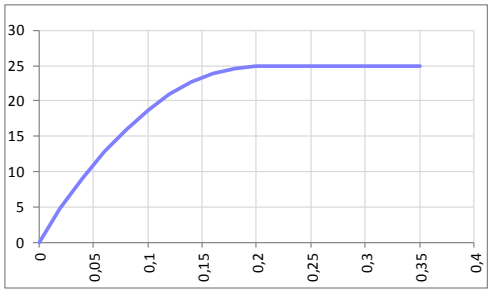
e che le tensioni di lavoro presenti nell'acciaio siano $\sigma_s < 0.75\ f_{yk}$.

11.1. Soletta inferiore

CARATTERISTICHE MATERIALI

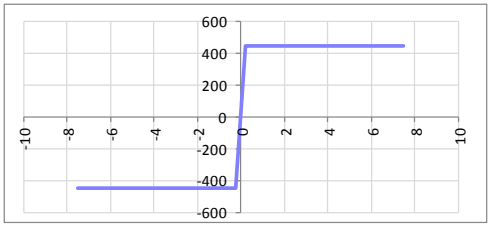
Calcestruzzo:

Classe	C25/30	
R_{ck}	30,00	N/mm²
f_{ck}	24,90	N/mm²
f_{cm}	32,90	N/mm²
f_{ctm}	2,56	N/mm²
$f_{ctk,0.05}$	1,79	N/mm²
$f_{ctk,0.95}$	3,33	N/mm²
f_{cfm}	3,07	N/mm²
E_{cm}	31447,16	N/mm²
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 comportamer	EL-PL	
$k = (f_t/f_y)_k$	1	
f_{yk}	450	N/mm²
f_{tk}	540	N/mm²
E_s	200000	N/mm²
ε_{su}	7,500	%



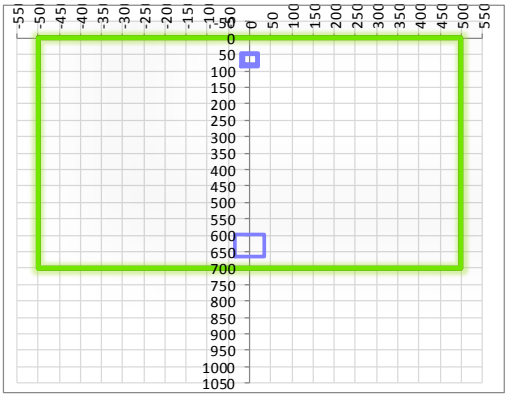
Coefficiente di omogenizzazione:

n,breve termine	6,06	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	2,14		
n,lungo termine=	12,98	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	700	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	5	20	66	*1570,7963*
2	5	16	64	*1005,3096*
3	10	24	632	*4523,8934*
4				*0*
5				*0*
6				*0*
7				*0*
8				*0*
9				*0*
10				*0*

Armatura di ripartizione:

Pos.	n° barre	ø mm	yi mm	As mm²
superiore	5	16	48	*1005,3096*
inferiore	5	16	652	*1005,3096*

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}	16,60	N/mm^2	
$f_{ct,eff}$=	2,13	N/mm^2	=f_{ctm} / 1,2

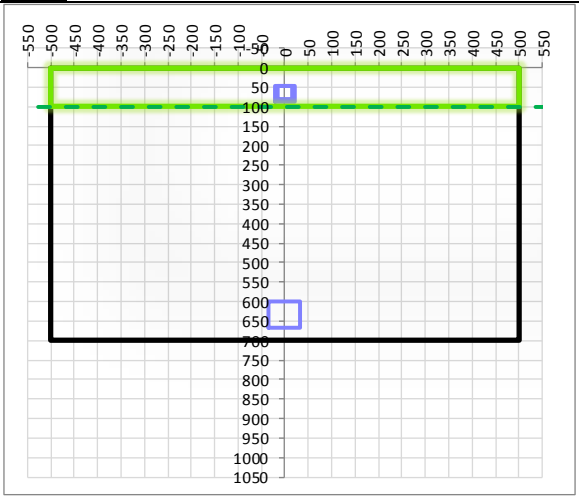
Acciaio

γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

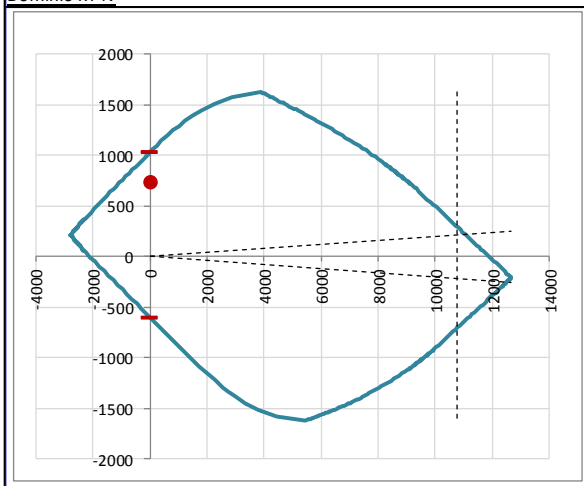
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV20	2	0,0	733,9	12655,26	*-2778,26*	1030,32	*-602,65*	71%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	14,11	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,86	%
d=	632,00	mm
x=	100,04	mm
x/d=	0,16	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV20	2	0,0	733,9

11.1.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C25/30	
Resistenza cubica caratteristica	Rck	30,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	24,9	Mpa

ACCIAIO			
Tipologia		B450C	
Reisitenza 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	700	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	20	66	1571
strato2		5	16	64	1005
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	2576	mm2		
Posizione della barra equivalente	c*	65,2195122	mm		

SOLLECITAZIONI			
Load Case		SLU54	
Frame		22	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	442,74	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO				
Altezza utile della sezione	d	634,7804878	mm	
Coefficiente	k	1,56		
Rapporto di armatura longitudinale	ρl	0,41%		
Tensione assiale media	σ_{cp}	0,00	N/mm2	
	0.2 x f_{cd}	2,82	N/mm2	
	ν_{min}	0,34	N/mm2	
Resistenza al taglio minima	$V_{rd,min}$	216,28	kN	
Resistenza al taglio senza armatura	**V_{rd}**	**257,12**	**kN**	
Verifica		1,72		***E' necessario prevedere armatura a taglio***

ARMATURA A TAGLIO			
Diametro staffe	ϕ	12	mm
Numero braccia	n	4	
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	ν_1	0,5		
Resistenza cilindrica di progetto	f_{cd}	14,11	N/mm2	
Area armatura a taglio	A_{st}	452,39	mm2	
	σ_{cp}/f_{cd}	0		
Coefficiente di interazione	α_{cw}	1		
Resistenza a tagio per rottura delle armature	**V_{rds}**	**505,67**	**kN**	
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**2015,27**	**kN**	
Resistenza al taglio	**V_{rd}**	**505,67**	**kN**	
Verifica		0,88		***Verifica soddisfatta***

11.1.1.3. 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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**
Quasi Permanente	0,40	0,75	*9,96*	*337,50*
Caratteristica	0,55	0,75	*13,70*	*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]***	
Cartteristica	CAR15	3	0,0	347,6		0,157	*0,300*	232,24	-

Tensioni in esercizio

Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**	**$\sigma_{s,min}$ [N/mm²]**	
Quasi permanente	QP2	2	0,0	136,4		-1,82	53,63	-19,09	*Sezione parzializzata*
Cartteristica	CAR15	2	0,0	389,5		-5,19	153,16	-54,52	*Sezione parzializzata*

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}	16,60	N/mm^2	
$f_{ct,eff}$=	2,13	N/mm^2	=f_{ctm} / 1,2

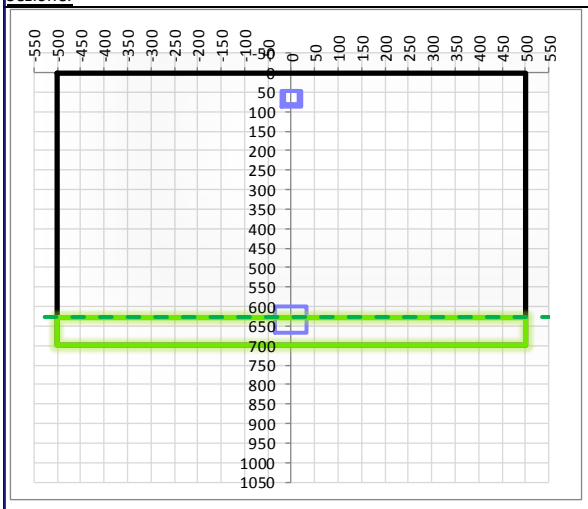
Acciaio

γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

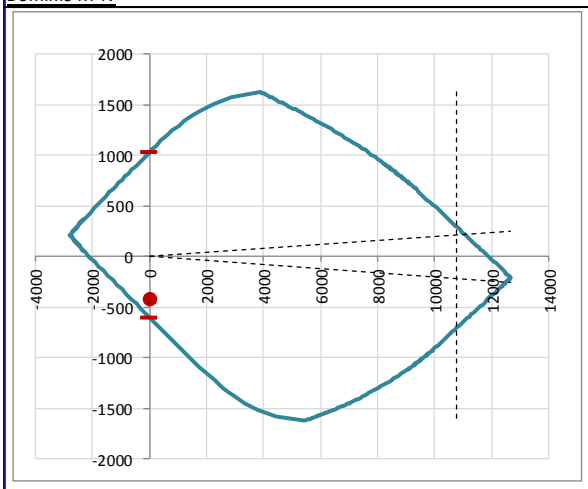
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV32	20	0,0	-428,0	12655,26	*-2778,26*	1030,32	*-602,65*	71%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	14,11	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,73	%
d=	636,00	mm
x=	72,18	mm
x/d=	0,11	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV32	20	0,0	-428,0

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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**
Quasi Permanente	0,40	0,75	*9,96*	*337,50*
Caratteristica	0,55	0,75	*13,70*	*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]***	
Cartteristica	CAR45	17	0,0	-259,9		0,203	*0,300*	-232,24	-

Tensioni in esercizio

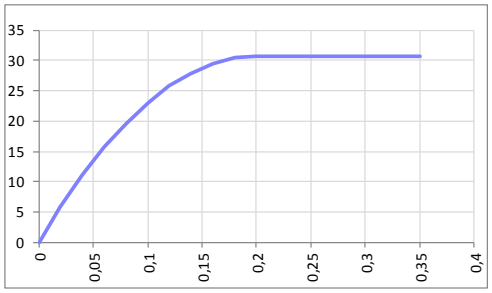
Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**	**$\sigma_{s,min}$ [N/mm²]**	
Quasi permanente	QP3	12	0,0	-70,6		-1,04	47,59	-8,89	*Sezione parzializzata*
Cartteristica	CAR45	17	0,0	-259,9		-3,84	175,26	-32,73	*Sezione parzializzata*

11.2. Piedritto

CARATTERISTICHE MATERIALI

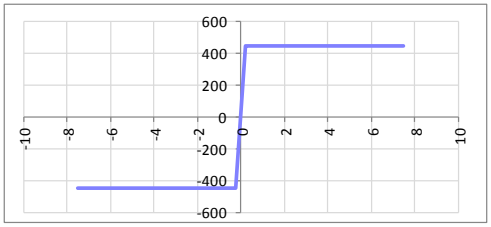
Calcestruzzo:

Classe	C30/37	
R_{ck}	37,00	N/mm²
f_{ck}	30,71	N/mm²
f_{cm}	38,71	N/mm²
f_{ctm}	2,94	N/mm²
$f_{ctk,0.05}$	2,06	N/mm²
$f_{ctk,0.95}$	3,82	N/mm²
f_{cfm}	3,53	N/mm²
E_{cm}	33019,43	N/mm²
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 comportamer	EL-PL	
$k = (f_t/f_y)_k$	1	
f_{yk}	450	N/mm²
f_{tk}	540	N/mm²
E_s	200000	N/mm²
ε_{su}	7,500	%



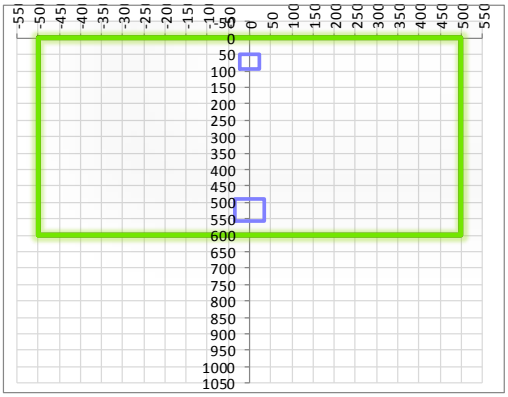
Coefficiente di omogenizzazione:

n,breve termine	5,77	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	2,02		
n,lungo termine=	11,64	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	600	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	10	16	72	2010,6193
2	10	24	524	4523,8934
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0

Armatura di ripartizione:

Pos.	n° barre	ø mm	yi mm	As mm²
superiore	5	16	56	1005,3096
inferiore	5	16	544	1005,3096

11.2.1. Piedritto – sezione di incastro inferiore

11.2.1.1. 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}	20,47	N/mm^2	
$f_{ct,eff}$=	2,45	N/mm^2	=f_{ctm} / 1,2

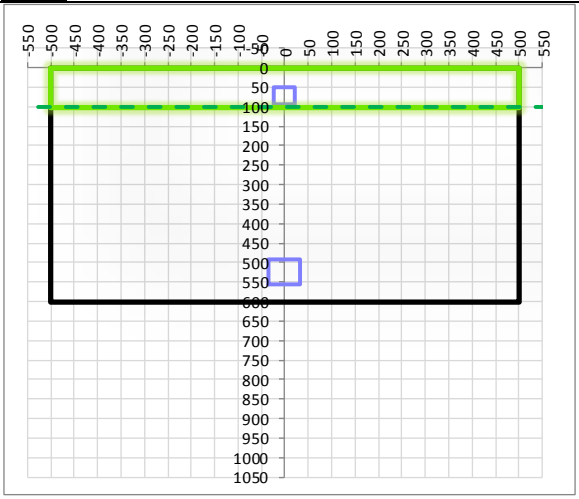
Acciaio

γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

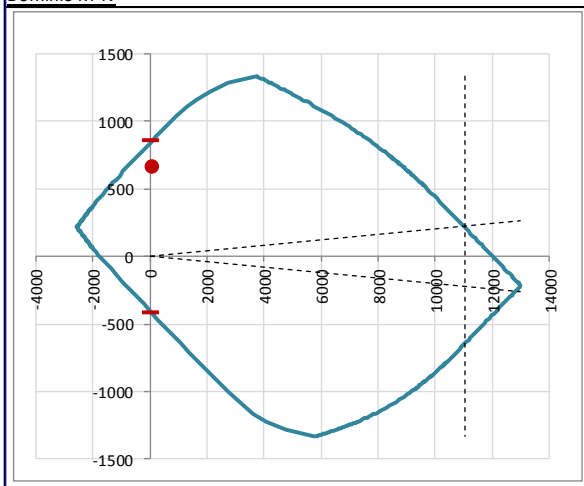
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
SLV20	27	79,5	667,8	12998,38	-2556,98	860,75	-420,23	78%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	17,40	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,45	%
d=	524,00	mm
x=	101,95	mm
x/d=	0,19	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
SLV20	27	79,5	667,8

11.2.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C30/37	
Resistenza cubica caratteristica	Rck	37,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	30,71	Mpa

ACCIAIO			
Tipologia		B450C	
Reisitenza 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	600	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		10	16	72	2011
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	2011	mm2		
Posizione della barra equivalente	c*	72	mm		

SOLLECITAZIONI			
Load Case		SLV20	
Frame		29	
Azione assiale (+ di compressione)	N_{Ed}	76,7	kN
Taglio	V_{Ed}	440,9	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO				
Altezza utile della sezione	d	528	mm	
Coefficiente	k	1,62		
Rapporto di armatura longitudinale	ρl	0,38%		
Tensione assiale media	σ_{cp}	0,13	N/mm2	
	0.2 x f_{cd}	3,48	N/mm2	
	ν_{min}	0,40	N/mm2	
Resistenza al taglio minima	$V_{rd,min}$	220,40	kN	
Resistenza al taglio senza armatura	**V_{rd}**	**242,45**	**kN**	
Verifica		1,82		***E' necessario prevedere armatura a taglio***

ARMATURA A TAGLIO			
Diametro staffe	ϕ	14	mm
Numero braccia	n	3,33	
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	ν_1	0,5		
Resistenza cilindrica di progetto	f_{cd}	17,40233333	N/mm2	
Area armatura a taglio	A_{st}	512,61	mm2	
	σ_{cp}/f_{cd}	0,007345758		
Coefficiente di interazione	α_{cw}	1,007345758		
Resistenza a tagio per rottura delle armature	**V_{rds}**	**476,60**	**kN**	
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**2082,58**	**kN**	
Resistenza al taglio	**V_{rd}**	**476,60**	**kN**	
Verifica		0,93		***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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**
Quasi Permanente	0,40	0,75	*12,28*	*337,50*
Caratteristica	0,55	0,75	*16,89*	*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]***	
Cartteristica	CAR15	29	263,2	334,3		0,157	*0,300*	224,60	-

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	QP2	27	188,2	135,6		-2,78	47,00	-29,45	*Sezione parzializzata*
Cartteristica	CAR15	27	265,8	381,0		-7,52	157,10	-75,77	*Sezione parzializzata*

11.2.2. Piedritto – sezione di incastro superiore

11.2.2.1. 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}	20,47	N/mm^2	
$f_{ct,eff}$=	2,45	N/mm^2	=f_{ctm} / 1,2

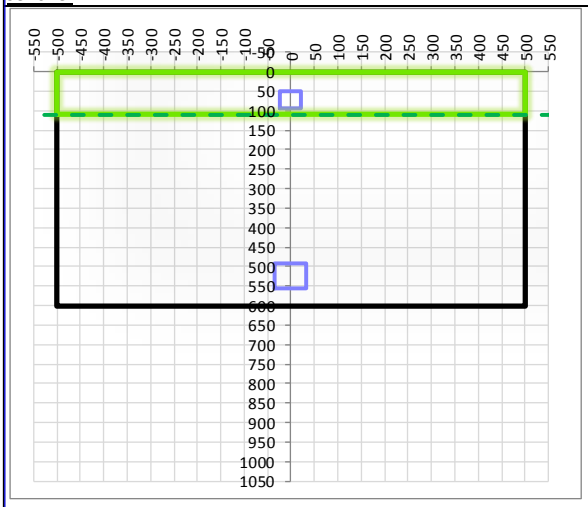
Acciaio

γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

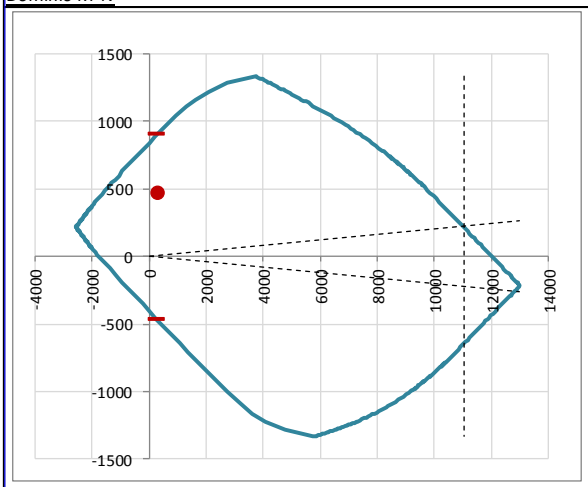
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
SLV22	38	279,8	472,9	12998,38	-2556,98	904,43	-465,81	52%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	17,40	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,31	%
d=	524,00	mm
x=	110,64	mm
x/d=	0,21	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
SLV22	38	279,8	472,9

11.2.2.1. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C30/37	
Resistenza cubica caratteristica	Rck	37,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	30,71	Mpa

ACCIAIO		
Tipologia	B450C	
Reisitenza 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	600	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		10	16	72	2011
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	2011	mm2		
Posizione della barra equivalente	c*	72	mm		

SOLLECITAZIONI			
Load Case		SLV26	
Frame		36	
Azione assiale (+ di compressione)	N_{Ed}	270,18	kN
Taglio	V_{Ed}	209,06	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	528	mm
Coefficiente	k	1,62	
Rapporto di armatura longitudinale	ρl	0,38%	
Tensione assiale media	σ_{cp}	0,45	N/mm2
	0.2 x f_{cd}	3,48	N/mm2
	ν_{min}	0,40	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	245,94	kN
Resistenza al taglio senza armatura	**V_{rd}**	**267,99**	**kN**
Verifica		0,78	***Verifica soddisfatta***

11.2.2.2. 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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**
Quasi Permanente	0,40	0,75	*12,28*	*337,50*
Caratteristica	0,55	0,75	*16,89*	*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]***	
Cartteristica	CAR45	36	306,1	281,3		0,109	*0,300*	229,48	-

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	QP2	38	188,2	135,6		-2,78	47,00	-29,45	*Sezione parzializzata*
Cartteristica	CAR45	38	303,8	303,4		-6,09	116,17	-62,88	*Sezione parzializzata*

11.2.3. Piedritto – sezione di mezzeria

11.2.3.1. 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}	20,47	N/mm^2	
$f_{ct,eff}$=	2,45	N/mm^2	=f_{ctm} / 1,2

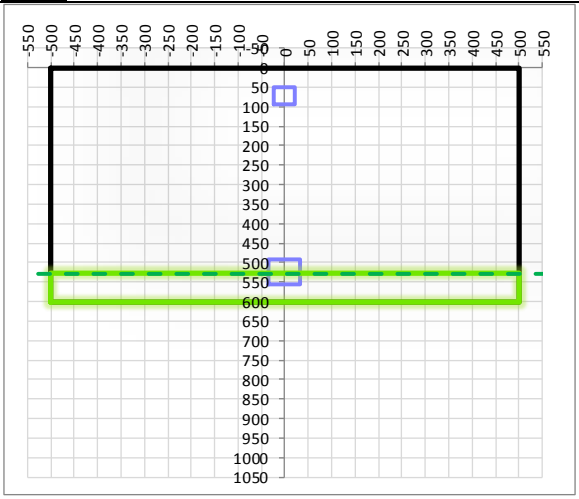
Acciaio

γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

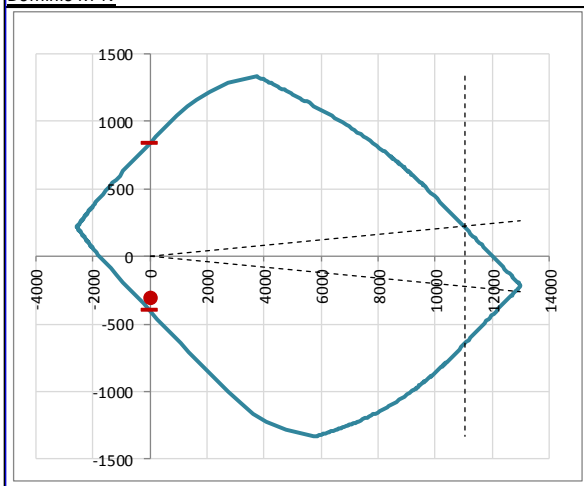
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV14	33	-3,8	-312,1	12998,38	*-2556,98*	842,33	*-401,27*	78%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	17,40	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,25	%
d=	528,00	mm
x=	71,09	mm
x/d=	0,13	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV14	33	-3,8	-312,1

11.2.3.2. 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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**
Quasi Permanente	0,40	0,75	*12,28*	*337,50*
Caratteristica	0,55	0,75	*16,89*	*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]***	
Cartteristica	CAR15	33	210,2	-116,2		**Msd<Mf**	*0,300*	-218,58	-

Tensioni in esercizio

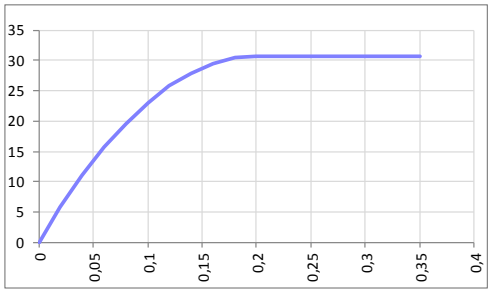
Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**	**$\sigma_{s,min}$ [N/mm^2]**	
Quasi permanente	QP1	31	143,2	-79,9		-1,83	50,05	-16,23	*Sezione parzializzata*
Cartteristica	CAR15	33	210,2	-116,2		-2,65	72,35	-23,66	*Sezione parzializzata*

11.3. Soletta superiore

CARATTERISTICHE MATERIALI

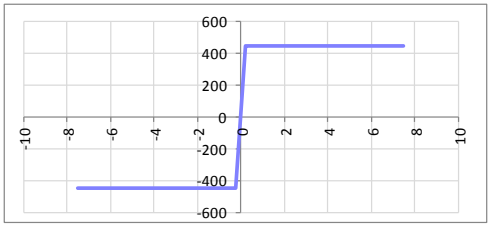
Calcestruzzo:

Classe	C30/37	
R_{ck}	37,00	N/mm^2
f_{ck}	30,71	N/mm^2
f_{cm}	38,71	N/mm^2
f_{ctm}	2,94	N/mm^2
$f_{ctk,0.05}$	2,06	N/mm^2
$f_{ctk,0.95}$	3,82	N/mm^2
f_{cfm}	3,53	N/mm^2
E_{cm}	33019,43	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 comportamer	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	%



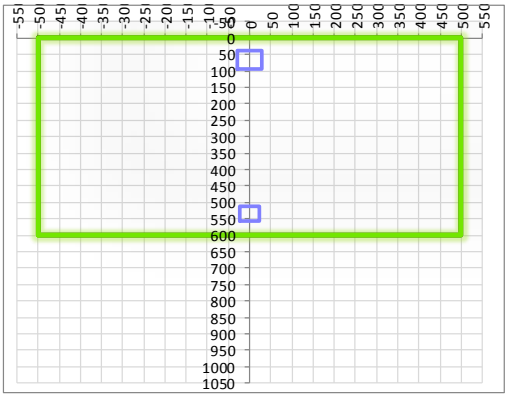
Coefficiente di omogenizzazione:

n,breve termine	5,77	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	2,02		
n,lungo termine=	11,64	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	600	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	10	20	66	*3141,5927*
2	10	16	536	*2010,6193*
3				*0*
4				*0*
5				*0*
6				*0*
7				*0*
8				*0*
9				*0*
10				*0*

Armatura di ripartizione:

Pos.	n° barre	ø mm	yi mm	As mm^2
superiore	5	16	48	*1005,3096*
inferiore	5	16	552	*1005,3096*

11.3.1. Soletta superiore – sezione di incastro

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}	20,47	N/mm^2	
$f_{ct,eff}$=	2,45	N/mm^2	=f_{ctm} / 1,2

Acciaio

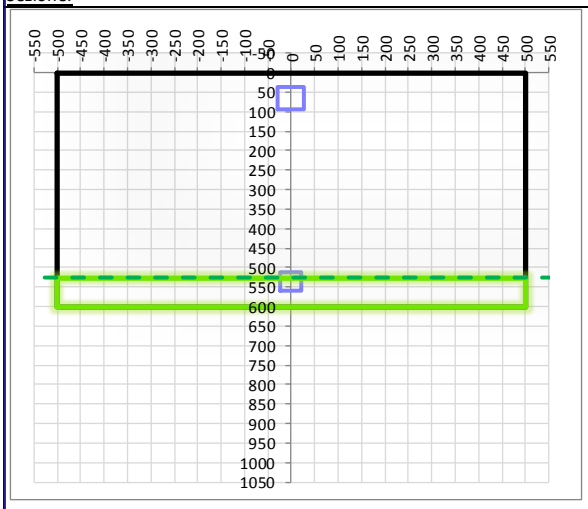
γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV32	46	0,0	-463,6

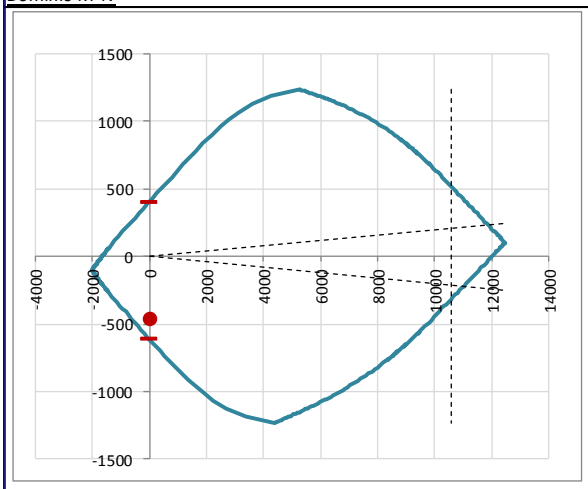
NRd+ [kN]	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
12457,48	*-2016,08*	405,11	*-612,41*	76%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	17,40	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,18	%
d=	534,00	mm
x=	73,89	mm
x/d=	0,14	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV32	46	0,0	-463,6

11.3.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C30/37	
Resistenza cubica caratteristica	Rck	37,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	30,71	Mpa

ACCIAIO			
Tipologia		B450C	
Reisitenza 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	600	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		10	16	64	2011
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	2011	mm2		
Posizione della barra equivalente	c*	64	mm		

SOLLECITAZIONI			
Load Case		SLU7	
Frame		45	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	375,55	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO				
Altezza utile della sezione	d	536	mm	
Coefficiente	k	1,61		
Rapporto di armatura longitudinale	ρl	0,38%		
Tensione assiale media	σ_{cp}	0,00	N/mm2	
	0.2 x f_{cd}	3,48	N/mm2	
	ν_{min}	0,40	N/mm2	
Resistenza al taglio minima	$V_{rd,min}$	212,55	kN	
Resistenza al taglio senza armatura	**V_{rd}**	**234,00**	**kN**	
Verifica		1,60		***E' necessario prevedere armatura a taglio***

ARMATURA A TAGLIO			
Diametro staffe	ϕ	12	mm
Numero braccia	n	4	
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	ν_1	0,5		
Resistenza cilindrica di progetto	f_{cd}	17,40233333	N/mm2	
Area armatura a taglio	A_{st}	452,39	mm2	
	σ_{cp}/f_{cd}	0		
Coefficiente di interazione	α_{cw}	1		
Resistenza a tagio per rottura delle armature	**V_{rds}**	**426,98**	**kN**	
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**2098,72**	**kN**	
Resistenza al taglio	**V_{rd}**	**426,98**	**kN**	
Verifica		0,88		***Verifica soddisfatta***

11.3.1.3. 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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**
Quasi Permanente	0,40	0,75	*12,28*	*337,50*
Caratteristica	0,55	0,75	*16,89*	*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]***	
Cartteristica	CAR45	45	0,0	-240,0		0,172	*0,300*	-178,30	-

Tensioni in esercizio

Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm²]**	**$\sigma_{s,max}$ [N/mm²]**	**$\sigma_{s,min}$ [N/mm²]**	
Quasi permanente	QP3	46	0,0	-93,8		-1,92	62,64	-17,80	*Sezione parzializzata*
Cartteristica	CAR45	46	0,0	-281,7		-5,76	188,18	-53,47	*Sezione parzializzata*

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}	20,47	N/mm^2	
$f_{ct,eff}$=	2,45	N/mm^2	=f_{ctm} / 1,2

Acciaio

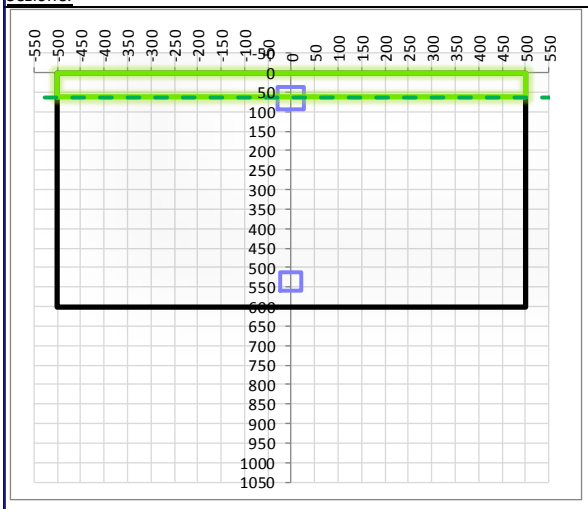
γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*
SLU54	44	0,0	249,8

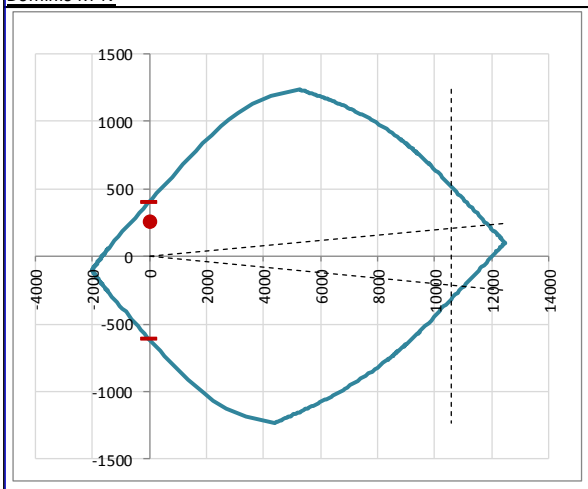
NRd+ [kN]	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
12457,48	*-2016,08*	405,11	*-612,41*	62%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	17,40	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,62	%
d=	536,00	mm
x=	63,08	mm
x/d=	0,12	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLU54	44	0,0	249,8

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 liscie e trefoli)*
k_3=	3,40	*(valore raccomandato)*
k_4=	0,425	*(valore raccomandato)*

CRITERI DI VERIFICA

Fessurazione

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

Tensioni in esercizio

Combinazione	**Limite σ_c / fck**	**Limite σ_s / fyk**	**$\sigma_{c,max}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**
Quasi Permanente	0,40	0,75	*12,28*	*337,50*
Caratteristica	0,55	0,75	*16,89*	*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	CAR14	44	0,0	158,1		**Msd<Mf**	*0,300*	178,30	-

Tensioni in esercizio

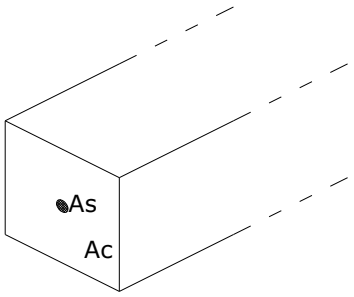
Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**	**$\sigma_{s,min}$ [N/mm^2]**	
Quasi permanente	QP2	44	0,0	35,6		-0,81	36,49	-6,14	*Sezione parzializzata*
Caratteristica	CAR14	44	0,0	158,1		-3,59	161,91	-27,26	*Sezione parzializzata*

12. 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.

12.1. 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:

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

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

12.2. 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 × A/u = 2 × H = 120 cm, ed un calcestruzzo C30/37 classe N.

Caratteristiche della sezione:

B = 100 cm

H = 60 cm

$A_{s,long}$ = 1+1ø16/20 = 2011 mm^2

E_s = 210 000 N/mm^2

E_c = 33019 N/mm^2

Deformazione da ritiro:

U.R. = 75%

$\varepsilon_{ca}(t=\infty) = 2.5\times (f_{ck} -10)\times 10^{-6} = 2.5 \times (0.83 \times 37 -10) \times 10^{-6} = 0.052$ ‰

$\varepsilon_{cd}(t=\infty) = k_h \times \varepsilon_{cd,0} = 0.7 \times 0.30$ ‰ = 0.21 ‰ (per h_0>500mm, calcestruzzo C30/37 classe N, U.R.=75%)

$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.262$ ‰

A favore di sicurezza, si assume comunque una deformazione $\varepsilon_r = 0.400$ ‰

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:

$E^*_c = E_c / (1+\phi)$ = 9434 N/mm^2.

Tensioni nei materiali:

$\sigma_s = (1000 \times 600) \times 9434 \times 210000 \times 0.00040 / (2011 \times 210000 + 1000 \times 600 \times 9434) = 78.17$ N/mm^2

$\sigma_c = -2011 \times 9434 \times 210000\times 0.00040 / (2011 \times 210000 + 1000 \times 600 \times 9434) = -0.26$ 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.

13. VERIFICHE DI DEFORMAZIONE E VIBRAZIONE

13.1. Inflessione nel piano verticale dell'impalcato

In base a quanto indicato nelle Istruzioni FS, nonché nel D.M. 14.01.08, considerando la presenza del treno di carico LM71, incrementato con il corrispondente coefficiente dinamico, e considerando la variazione di temperatura lineare lungo l'altezza dell'impalcato pari a ± 2.5° centigradi, il massimo angolo di rotazione θ_{max} all'estremità dell'impalcato dovrà risultare inferiore a $\theta_{amm}= 3.5\cdot10^{-3}$ rad (essendo il manufatto a una sola campata ed assumendo la rotazione massima consentita per i manufatti a due binari). Per quanto riguarda le rotazioni attribuibili alla presenza del treno di carico LM71, si sono considerate le Combinazioni Elementari costituite dal carico centrato (Load 10) e si sono valutate le rotazioni sui nodi estremi della soletta superiore depurate della rototraslazione rigida della struttura. Inoltre lo spostamento orizzontale, conseguente all'inflessione per effetto dei carichi accidentali verticali del piano di posa del ballast, dovrà risultare non superiore ad 8.0 mm.

Nodo 40:

- *Rotazione prodotta dal treno di carico LM71 centrato (Load 10)*

  $\theta_{acc,cen} = 2.3 \times 10^{-4}$ rad
- *Rotazione prodotta dalla variazione termica lineare lungo l'altezza dell'impalcato*

  $\theta_{\Delta t} = \pm 8.0 \times 10^{-5}$ rad
- *Rotazione complessiva*

  Il massimo angolo di rotazione all'estremità della soletta superiore, dovuto alla presenza del treno di carico LM71, incrementato con il corrispondente coefficiente dinamico, e alla variazione lineare di temperatura lungo l'altezza dell'impalcato, vale, a meno del segno:

  $\theta_{tot} = \theta_{acc,cen} + \theta_{\Delta t} = 3.1 \times 10^{-4}$ rad << $\theta_{amm} = 3.5 \times 10^{-3}$ rad
- *Spostamento orizzontale del piano di posa del ballast*

  $\delta = \theta_{tot} \times H = 3.1 \times 10^{-4} \times (600/2 + 400) = 0.217$ mm (< 8.0 mm)

13.2. Stato limite di comfort dei passeggeri

La verifica viene eseguita in base a quanto indicato nelle Istruzioni FS, considerando la presenza del treno di carico LM71 incrementato con il corrispondente coefficiente dinamico.

- *Freccia limite ammissibile (velocità del treno V > 250km/h, numero di campate n =1)*

  $\delta_{lim} = \alpha \times 1/2400 \times L = 1.5 \times 1/2400 \times 4600 = 2.88$ mm
- *Freccia massima dell'impalcato prodotta dal treno LM71*

  $\delta_{max} = 0.30$ mm (traslazione verticale nodi 43 e 44) < $\delta_{lim} = 2.88$ mm.

14. RIFERIMENTI

14.1. Documenti referenziati

Rif. [1] Cepav due, documento n° IN0R 11 E E2 RB SLF3 00 001, intitolato “RELAZIONE GEOTECNICA SLF3 - Sottopasso poderale PK 148+787.141”.

14.2. Documenti correlati

Non sono presenti documenti correlati.

14.3. Documenti superati

Non sono presenti documenti superati.

15. ALLEGATI

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

ALLEGATO 1

TITOLO	Tabulati di calcolo – Scatolare sotto linea AV/AC
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	139
DATA:	31/08/18
SORGENTE:	Cepav due
NOTE:	

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
PP	Load pattern	PP	1
REINTSUP	Load pattern	REINTSUP	1
BALLAST	Load pattern	BALLAST	1
STERRASX	Load pattern	STERRASX	1
STERRADX	Load pattern	STERRADX	1
TERMP	Load pattern	TERMP	1
TERMN	Load pattern	TERMN	1
GRADTP	Load pattern	GRADTP	1
GRADTN	Load pattern	GRADTN	1
LM71C	Load pattern	LM71C	1
STLM71	Load pattern	STLM71	1
AVVLM71	Load pattern	AVVLM71	1
SW2	Load pattern	SW2	1
STSW2	Load pattern	STSW2	1
FRENSW2	Load pattern	FRENSW2	1
SERP	Load pattern	SERP	1
INCRTER	Load pattern	INCRTER	1
LM71SISO	Load pattern	LM71SISO	1
SW2SISO	Load pattern	SW2SISO	1
SISMAO	Load pattern	SISMAO	1
LM71SVA	Load pattern	LM71SVA	1
SW2SVA	Load pattern	SW2SVA	1
SISMAVA	Load pattern	SISMAVA	1
LM71SVB	Load pattern	LM71SVB	1
SW2SVB	Load pattern	SW2SVB	1
SISMAVB	Load pattern	SISMAVB	1

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
1	1	2	No	0,15	0,075	0	0
2	2	3	No	0,15	0,225	0	0
3	3	4	No	0,2	0,4	0	0
4	4	5	No	0,2	0,6	0	0
5	5	6	No	0,2	0,8	0	0
6	6	7	No	0,2	1	0	0
7	7	8	No	0,2	1,2	0	0
8	8	9	No	0,2	1,4	0	0
9	9	10	No	0,2	1,6	0	0
10	10	11	No	0,2	1,8	0	0
11	11	12	No	0,2	2	0	0
12	12	13	No	0,2	2,2	0	0
13	13	14	No	0,2	2,4	0	0
14	14	15	No	0,2	2,6	0	0
15	15	16	No	0,2	2,8	0	0
16	16	17	No	0,2	3	0	0
17	17	18	No	0,2	3,2	0	0
18	18	19	No	0,2	3,4	0	0
19	19	20	No	0,2	3,6	0	0
20	20	21	No	0,2	3,8	0	0
21	21	22	No	0,2	4	0	0
22	22	23	No	0,2	4,2	0	0
23	23	24	No	0,15	4,375	0	0
24	24	25	No	0,15	4,525	0	0
25	1	26	No	0,175	0	0	0,0875
26	25	27	No	0,175	4,6	0	0,0875
27	26	28	No	0,175	0	0	0,2625
28	27	29	No	0,175	4,6	0	0,2625
29	28	30	No	1,4125	0	0	1,05625
30	29	31	No	1,4125	4,6	0	1,05625
31	30	32	No	1,4125	0	0	2,46875
32	31	33	No	1,4125	4,6	0	2,46875
33	32	34	No	1,4125	0	0	3,88125
34	33	35	No	1,4125	4,6	0	3,88125
35	34	36	No	1,4125	0	0	5,29375

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
36	35	37	No	1,4125	4,6	0	5,29375
37	36	38	No	0,15	0	0	6,075
38	37	39	No	0,15	4,6	0	6,075
39	38	40	No	0,15	0	0	6,225
40	39	47	No	0,15	4,6	0	6,225
41	40	41	No	0,15	0,075	0	6,3
42	41	42	No	0,15	0,225	0	6,3
43	42	43	No	1,33333	0,96667	0	6,3
44	43	44	No	1,33333	2,3	0	6,3
45	44	45	No	1,33333	3,63333	0	6,3
46	45	46	No	0,15	4,375	0	6,3
47	46	47	No	0,15	4,525	0	6,3

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

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-f9f3-4d29-abea-fa5939f21955
9	55b96496-072f-4d36-bf7d-5e9124ebdf76
10	e39668ed-d1fa-4bf7-bc68-b23f9e42a51b
11	7f99f245-a27f-4401-b0c0-f60fe5f839af
12	9fdbc5e6-94a7-4fa0-b0c9-a1a2204d0287
13	55db0fe1-a6e5-4488-95b1-63f71a084035
14	6d94cd6d-ae22-4889-b221-089781c50bbd
15	ee2fd48a-439b-4758-922c-afd65936fd53
16	40c1af95-da03-4708-a6f4-e33a6f312945
17	d196dfce-6169-4581-a1e2-b5d24911c961
18	9f8a6a0e-7556-4d91-a11c-92f241485805
19	fda0e4b2-a0ce-4793-81db-540ed0c22183
20	9935dcfd-20ae-4b0a-9004-fb6bf473d571
21	a7c1e082-bb3a-46c9-bdb9-32c3a23d7e0e
22	472ca09d-a2f8-4eef-a483-d16e8004b253
23	5aee9cc1-cb17-41df-af47-d48a479a6eac
24	ea8317f7-78a4-445d-ba28-46dd120c41f9
25	5fb10896-221e-4d1e-8dff-198c8b2c5641
26	c5988f32-6697-4248-b1f1-254f45f28b55
27	6c3139b4-e59d-4d5a-9f3d-8c3336f91c7e
28	30a2ccc2-0a31-469c-8d8f-141ff623694d

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
29	e4bc7518-a8f3-41e0-927c-6644dd32e073
30	270b6d86-8437-40b5-81d3-66c1af9385d7
31	fea8d6f7-873f-4d66-9a04-d21d404032b3
32	0f618b72-cc20-44b5-8088-d010e4bb135d
33	e8fd39b8-289b-4bdf-a241-5bb26dfa6276
34	a8d45a47-3ded-4cd5-9468-c03e83199433
35	56a70420-c3a8-43a2-b613-41e8bae86ed9
36	868c05fc-6d59-4ae0-8cbd-ae7c53576548
37	c54701fb-d13d-415a-a836-86465256b92c
38	0076a026-e5da-408b-a43c-29224903cf8c
39	9414a34f-8de8-425a-bb39-22b106fc0f48
40	d8fb1e6a-62e2-4504-a5d7-1c68a20ccd7e
41	e9aa8534-41ca-4580-a554-0e47e6ec0981
42	4a3e0f0a-8a72-49c3-8ae8-eaf4f3aed973
43	db1e2c05-f8df-407a-8aed-8dd55e4a6c33
44	8677dcbf-19d1-4379-969f-115d18f50251
45	83a40eb4-c5af-42ea-b023-90860e8a1013
46	05ecfb56-f6e5-465f-8a1d-e74bea63b08a
47	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
	m			KN	KN	KN	KN-m	KN-m
1	0	PP	LinStatic	-5,5	123,382	0	0	0
1	0,15	PP	LinStatic	-5,5	126,006	0	0	0
1	0	REINTSUP	LinStatic	0,613	27,752	0	0	0
1	0,15	REINTSUP	LinStatic	0,613	27,752	0	0	0
1	0	BALLAST	LinStatic	0,707	32,022	0	0	0
1	0,15	BALLAST	LinStatic	0,707	32,022	0	0	0
1	0	STERRASX	LinStatic	-201,802	-29,188	0	0	0
1	0,15	STERRASX	LinStatic	-201,802	-29,188	0	0	0
1	0	STERRADX	LinStatic	41,976	29,263	0	0	0
1	0,15	STERRADX	LinStatic	41,976	29,263	0	0	0
1	0	TERMP	LinStatic	1,146	-0,002849	0	0	0
1	0,15	TERMP	LinStatic	1,146	-0,002849	0	0	0
1	0	TERMN	LinStatic	-3,437	0,008548	0	0	0
1	0,15	TERMN	LinStatic	-3,437	0,008548	0	0	0
1	0	GRADTP	LinStatic	-5,524	0,005668	0	0	0
1	0,15	GRADTP	LinStatic	-5,524	0,005668	0	0	0
1	0	GRADTN	LinStatic	5,524	-0,005668	0	0	0
1	0,15	GRADTN	LinStatic	5,524	-0,005668	0	0	0
1	0	LM71C	LinStatic	3,021	136,76	0	0	0
1	0,15	LM71C	LinStatic	3,021	136,76	0	0	0
1	0	STLM71	LinStatic	-97,938	-23,309	0	0	0
1	0,15	STLM71	LinStatic	-97,938	-23,309	0	0	0
1	0	AVVLM71	LinStatic	-22,673	-25,339	0	0	0
1	0,15	AVVLM71	LinStatic	-22,673	-25,339	0	0	0
1	0	SW2	LinStatic	2,517	113,944	0	0	0
1	0,15	SW2	LinStatic	2,517	113,944	0	0	0
1	0	STSW2	LinStatic	-81,599	-19,421	0	0	0
1	0,15	STSW2	LinStatic	-81,599	-19,421	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
1	0	FRENSW2	LinStatic	-24,052	-26,88	0	0	0
1	0,15	FRENSW2	LinStatic	-24,052	-26,88	0	0	0
1	0	INCRTER	LinStatic	-224,071	-53,329	0	0	0
1	0,15	INCRTER	LinStatic	-224,071	-53,329	0	0	0
1	0	LM71SISO	LinStatic	-8,566	-9,574	0	0	0
1	0,15	LM71SISO	LinStatic	-8,566	-9,574	0	0	0
1	0	SW2SISO	LinStatic	-7,142	-7,982	0	0	0
1	0,15	SW2SISO	LinStatic	-7,142	-7,982	0	0	0
1	0	SISMAO	LinStatic	-51,163	-38,096	0	0	0
1	0,15	SISMAO	LinStatic	-51,163	-38,096	0	0	0
1	0	LM71SVA	LinStatic	-0,094	-4,247	0	0	0
1	0,15	LM71SVA	LinStatic	-0,094	-4,247	0	0	0
1	0	SW2SVA	LinStatic	-0,078	-3,536	0	0	0
1	0,15	SW2SVA	LinStatic	-0,078	-3,536	0	0	0
1	0	SISMAVA	LinStatic	0,651	-28,625	0	0	0
1	0,15	SISMAVA	LinStatic	0,651	-28,625	0	0	0
1	0	LM71SVB	LinStatic	0,094	4,247	0	0	0
1	0,15	LM71SVB	LinStatic	0,094	4,247	0	0	0
1	0	SW2SVB	LinStatic	0,078	3,536	0	0	0
1	0,15	SW2SVB	LinStatic	0,078	3,536	0	0	0
1	0	SISMAVB	LinStatic	-0,651	28,625	0	0	0
1	0,15	SISMAVB	LinStatic	-0,651	28,625	0	0	0
2	0	PP	LinStatic	-5,5	114,865	0	0	0
2	0,15	PP	LinStatic	-5,5	117,489	0	0	0
2	0	REINTSUP	LinStatic	0,613	25,853	0	0	0
2	0,15	REINTSUP	LinStatic	0,613	25,853	0	0	0
2	0	BALLAST	LinStatic	0,707	29,831	0	0	0
2	0,15	BALLAST	LinStatic	0,707	29,831	0	0	0
2	0	STERRASX	LinStatic	-193,583	-4,66	0	0	0
2	0,15	STERRASX	LinStatic	-193,583	-4,66	0	0	0
2	0	STERRADX	LinStatic	33,759	4,855	0	0	0
2	0,15	STERRADX	LinStatic	33,759	4,855	0	0	0
2	0	TERMP	LinStatic	1,146	-0,007466	0	0	0
2	0,15	TERMP	LinStatic	1,146	-0,007466	0	0	0
2	0	TERMN	LinStatic	-3,437	0,022	0	0	0
2	0,15	TERMN	LinStatic	-3,437	0,022	0	0	0
2	0	GRADTP	LinStatic	-5,524	0,015	0	0	0
2	0,15	GRADTP	LinStatic	-5,524	0,015	0	0	0
2	0	GRADTN	LinStatic	5,524	-0,015	0	0	0
2	0,15	GRADTN	LinStatic	5,524	-0,015	0	0	0
2	0	LM71C	LinStatic	3,021	127,403	0	0	0
2	0,15	LM71C	LinStatic	3,021	127,403	0	0	0
2	0	STLM71	LinStatic	-93,627	-6,745	0	0	0
2	0,15	STLM71	LinStatic	-93,627	-6,745	0	0	0
2	0	AVVLM71	LinStatic	-21,144	-13,615	0	0	0
2	0,15	AVVLM71	LinStatic	-21,144	-13,615	0	0	0
2	0	SW2	LinStatic	2,517	106,148	0	0	0
2	0,15	SW2	LinStatic	2,517	106,148	0	0	0
2	0	STSW2	LinStatic	-78,008	-5,62	0	0	0
2	0,15	STSW2	LinStatic	-78,008	-5,62	0	0	0
2	0	FRENSW2	LinStatic	-22,431	-14,443	0	0	0
2	0,15	FRENSW2	LinStatic	-22,431	-14,443	0	0	0
2	0	INCRTER	LinStatic	-214,209	-15,433	0	0	0
2	0,15	INCRTER	LinStatic	-214,209	-15,433	0	0	0
2	0	LM71SISO	LinStatic	-7,989	-5,144	0	0	0
2	0,15	LM71SISO	LinStatic	-7,989	-5,144	0	0	0
2	0	SW2SISO	LinStatic	-6,661	-4,289	0	0	0
2	0,15	SW2SISO	LinStatic	-6,661	-4,289	0	0	0
2	0	SISMAO	LinStatic	-47,714	-18,193	0	0	0
2	0,15	SISMAO	LinStatic	-47,714	-18,193	0	0	0
2	0	LM71SVA	LinStatic	-0,094	-3,957	0	0	0
2	0,15	LM71SVA	LinStatic	-0,094	-3,957	0	0	0
2	0	SW2SVA	LinStatic	-0,078	-3,294	0	0	0
2	0,15	SW2SVA	LinStatic	-0,078	-3,294	0	0	0
2	0	SISMAVA	LinStatic	0,651	-26,668	0	0	0
2	0,15	SISMAVA	LinStatic	0,651	-26,668	0	0	0
2	0	LM71SVB	LinStatic	0,094	3,957	0	0	0
2	0,15	LM71SVB	LinStatic	0,094	3,957	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
2	0	SW2SVB	LinStatic	0,078	3,294	0	0	0
2	0,15	SW2SVB	LinStatic	0,078	3,294	0	0	0
2	0	SISMAVB	LinStatic	-0,651	26,668	0	0	0
2	0,15	SISMAVB	LinStatic	-0,651	26,668	0	0	0
3	0	PP	LinStatic	-5,5	104,514	0	0	0
3	0,2	PP	LinStatic	-5,5	108,013	0	0	0
3	0	REINTSUP	LinStatic	0,613	23,644	0	0	0
3	0,2	REINTSUP	LinStatic	0,613	23,644	0	0	0
3	0	BALLAST	LinStatic	0,707	27,282	0	0	0
3	0,2	BALLAST	LinStatic	0,707	27,282	0	0	0
3	0	STERRASX	LinStatic	-183,996	21,922	0	0	0
3	0,2	STERRASX	LinStatic	-183,996	21,922	0	0	0
3	0	STERRADX	LinStatic	24,172	-21,618	0	0	0
3	0,2	STERRADX	LinStatic	24,172	-21,618	0	0	0
3	0	TERMP	LinStatic	1,146	-0,012	0	0	0
3	0,2	TERMP	LinStatic	1,146	-0,012	0	0	0
3	0	TERMN	LinStatic	-3,437	0,035	0	0	0
3	0,2	TERMN	LinStatic	-3,437	0,035	0	0	0
3	0	GRADTP	LinStatic	-5,524	0,023	0	0	0
3	0,2	GRADTP	LinStatic	-5,524	0,023	0	0	0
3	0	GRADTN	LinStatic	5,524	-0,023	0	0	0
3	0,2	GRADTN	LinStatic	5,524	-0,023	0	0	0
3	0	LM71C	LinStatic	3,021	116,516	0	0	0
3	0,2	LM71C	LinStatic	3,021	116,516	0	0	0
3	0	STLM71	LinStatic	-88,598	11,208	0	0	0
3	0,2	STLM71	LinStatic	-88,598	11,208	0	0	0
3	0	AVVLM71	LinStatic	-19,361	-0,902	0	0	0
3	0,2	AVVLM71	LinStatic	-19,361	-0,902	0	0	0
3	0	SW2	LinStatic	2,517	97,078	0	0	0
3	0,2	SW2	LinStatic	2,517	97,078	0	0	0
3	0	STSW2	LinStatic	-73,818	9,338	0	0	0
3	0,2	STSW2	LinStatic	-73,818	9,338	0	0	0
3	0	FRENSW2	LinStatic	-20,539	-0,957	0	0	0
3	0,2	FRENSW2	LinStatic	-20,539	-0,957	0	0	0
3	0	INCRTER	LinStatic	-202,704	25,643	0	0	0
3	0,2	INCRTER	LinStatic	-202,704	25,643	0	0	0
3	0	LM71SISO	LinStatic	-7,315	-0,341	0	0	0
3	0,2	LM71SISO	LinStatic	-7,315	-0,341	0	0	0
3	0	SW2SISO	LinStatic	-6,099	-0,284	0	0	0
3	0,2	SW2SISO	LinStatic	-6,099	-0,284	0	0	0
3	0	SISMAO	LinStatic	-43,69	3,388	0	0	0
3	0,2	SISMAO	LinStatic	-43,69	3,388	0	0	0
3	0	LM71SVA	LinStatic	-0,094	-3,619	0	0	0
3	0,2	LM71SVA	LinStatic	-0,094	-3,619	0	0	0
3	0	SW2SVA	LinStatic	-0,078	-3,012	0	0	0
3	0,2	SW2SVA	LinStatic	-0,078	-3,012	0	0	0
3	0	SISMAVA	LinStatic	0,651	-24,391	0	0	0
3	0,2	SISMAVA	LinStatic	0,651	-24,391	0	0	0
3	0	LM71SVB	LinStatic	0,094	3,619	0	0	0
3	0,2	LM71SVB	LinStatic	0,094	3,619	0	0	0
3	0	SW2SVB	LinStatic	0,078	3,012	0	0	0
3	0,2	SW2SVB	LinStatic	0,078	3,012	0	0	0
3	0	SISMAVB	LinStatic	-0,651	24,39	0	0	0
3	0,2	SISMAVB	LinStatic	-0,651	24,39	0	0	0
4	0	PP	LinStatic	-5,5	93,219	0	0	0
4	0,2	PP	LinStatic	-5,5	96,718	0	0	0
4	0	REINTSUP	LinStatic	0,613	21,128	0	0	0
4	0,2	REINTSUP	LinStatic	0,613	21,128	0	0	0
4	0	BALLAST	LinStatic	0,707	24,378	0	0	0
4	0,2	BALLAST	LinStatic	0,707	24,378	0	0	0
4	0	STERRASX	LinStatic	-173,039	49,214	0	0	0
4	0,2	STERRASX	LinStatic	-173,039	49,214	0	0	0
4	0	STERRADX	LinStatic	13,217	-48,826	0	0	0
4	0,2	STERRADX	LinStatic	13,217	-48,826	0	0	0
4	0	TERMP	LinStatic	1,146	-0,015	0	0	0
4	0,2	TERMP	LinStatic	1,146	-0,015	0	0	0
4	0	TERMN	LinStatic	-3,437	0,045	0	0	0
4	0,2	TERMN	LinStatic	-3,437	0,045	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
4	0	GRADTP	LinStatic	-5,524	0,03	0	0	0
4	0,2	GRADTP	LinStatic	-5,524	0,03	0	0	0
4	0	GRADTN	LinStatic	5,524	-0,03	0	0	0
4	0,2	GRADTN	LinStatic	5,524	-0,03	0	0	0
4	0	LM71C	LinStatic	3,021	104,116	0	0	0
4	0,2	LM71C	LinStatic	3,021	104,116	0	0	0
4	0	STLM71	LinStatic	-82,851	29,644	0	0	0
4	0,2	STLM71	LinStatic	-82,851	29,644	0	0	0
4	0	AVVLM71	LinStatic	-17,323	12,159	0	0	0
4	0,2	AVVLM71	LinStatic	-17,323	12,159	0	0	0
4	0	SW2	LinStatic	2,517	86,747	0	0	0
4	0,2	SW2	LinStatic	2,517	86,747	0	0	0
4	0	STSW2	LinStatic	-69,03	24,699	0	0	0
4	0,2	STSW2	LinStatic	-69,03	24,699	0	0	0
4	0	FRENSW2	LinStatic	-18,377	12,899	0	0	0
4	0,2	FRENSW2	LinStatic	-18,377	12,899	0	0	0
4	0	INCRTER	LinStatic	-189,555	67,823	0	0	0
4	0,2	INCRTER	LinStatic	-189,555	67,823	0	0	0
4	0	LM71SISO	LinStatic	-6,545	4,594	0	0	0
4	0,2	LM71SISO	LinStatic	-6,545	4,594	0	0	0
4	0	SW2SISO	LinStatic	-5,457	3,83	0	0	0
4	0,2	SW2SISO	LinStatic	-5,457	3,83	0	0	0
4	0	SISMAO	LinStatic	-39,091	25,56	0	0	0
4	0,2	SISMAO	LinStatic	-39,091	25,56	0	0	0
4	0	LM71SVA	LinStatic	-0,094	-3,234	0	0	0
4	0,2	LM71SVA	LinStatic	-0,094	-3,234	0	0	0
4	0	SW2SVA	LinStatic	-0,078	-2,692	0	0	0
4	0,2	SW2SVA	LinStatic	-0,078	-2,692	0	0	0
4	0	SISMAVA	LinStatic	0,651	-21,797	0	0	0
4	0,2	SISMAVA	LinStatic	0,651	-21,797	0	0	0
4	0	LM71SVB	LinStatic	0,094	3,234	0	0	0
4	0,2	LM71SVB	LinStatic	0,094	3,234	0	0	0
4	0	SW2SVB	LinStatic	0,078	2,692	0	0	0
4	0,2	SW2SVB	LinStatic	0,078	2,692	0	0	0
4	0	SISMAVB	LinStatic	-0,651	21,795	0	0	0
4	0,2	SISMAVB	LinStatic	-0,651	21,795	0	0	0
5	0	PP	LinStatic	-5,5	81,957	0	0	0
5	0,2	PP	LinStatic	-5,5	85,456	0	0	0
5	0	REINTSUP	LinStatic	0,613	18,62	0	0	0
5	0,2	REINTSUP	LinStatic	0,613	18,62	0	0	0
5	0	BALLAST	LinStatic	0,707	21,485	0	0	0
5	0,2	BALLAST	LinStatic	0,707	21,485	0	0	0
5	0	STERRASX	LinStatic	-162,082	73,429	0	0	0
5	0,2	STERRASX	LinStatic	-162,082	73,429	0	0	0
5	0	STERRADX	LinStatic	2,261	-72,997	0	0	0
5	0,2	STERRADX	LinStatic	2,261	-72,997	0	0	0
5	0	TERMP	LinStatic	1,146	-0,017	0	0	0
5	0,2	TERMP	LinStatic	1,146	-0,017	0	0	0
5	0	TERMN	LinStatic	-3,437	0,05	0	0	0
5	0,2	TERMN	LinStatic	-3,437	0,05	0	0	0
5	0	GRADTP	LinStatic	-5,524	0,033	0	0	0
5	0,2	GRADTP	LinStatic	-5,524	0,033	0	0	0
5	0	GRADTN	LinStatic	5,524	-0,033	0	0	0
5	0,2	GRADTN	LinStatic	5,524	-0,033	0	0	0
5	0	LM71C	LinStatic	3,021	91,758	0	0	0
5	0,2	LM71C	LinStatic	3,021	91,758	0	0	0
5	0	STLM71	LinStatic	-77,104	46,006	0	0	0
5	0,2	STLM71	LinStatic	-77,104	46,006	0	0	0
5	0	AVVLM71	LinStatic	-15,285	23,758	0	0	0
5	0,2	AVVLM71	LinStatic	-15,285	23,758	0	0	0
5	0	SW2	LinStatic	2,517	76,45	0	0	0
5	0,2	SW2	LinStatic	2,517	76,45	0	0	0
5	0	STSW2	LinStatic	-64,241	38,331	0	0	0
5	0,2	STSW2	LinStatic	-64,241	38,331	0	0	0
5	0	FRENSW2	LinStatic	-16,215	25,204	0	0	0
5	0,2	FRENSW2	LinStatic	-16,215	25,204	0	0	0
5	0	INCRTER	LinStatic	-176,407	105,257	0	0	0
5	0,2	INCRTER	LinStatic	-176,407	105,257	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
5	0	LM71SISO	LinStatic	-5,775	8,976	0	0	0
5	0,2	LM71SISO	LinStatic	-5,775	8,976	0	0	0
5	0	SW2SISO	LinStatic	-4,815	7,484	0	0	0
5	0,2	SW2SISO	LinStatic	-4,815	7,484	0	0	0
5	0	SISMAO	LinStatic	-34,492	45,248	0	0	0
5	0,2	SISMAO	LinStatic	-34,492	45,248	0	0	0
5	0	LM71SVA	LinStatic	-0,094	-2,85	0	0	0
5	0,2	LM71SVA	LinStatic	-0,094	-2,85	0	0	0
5	0	SW2SVA	LinStatic	-0,078	-2,372	0	0	0
5	0,2	SW2SVA	LinStatic	-0,078	-2,372	0	0	0
5	0	SISMAVA	LinStatic	0,651	-19,21	0	0	0
5	0,2	SISMAVA	LinStatic	0,651	-19,21	0	0	0
5	0	LM71SVB	LinStatic	0,094	2,85	0	0	0
5	0,2	LM71SVB	LinStatic	0,094	2,85	0	0	0
5	0	SW2SVB	LinStatic	0,078	2,372	0	0	0
5	0,2	SW2SVB	LinStatic	0,078	2,372	0	0	0
5	0	SISMAVB	LinStatic	-0,651	19,209	0	0	0
5	0,2	SISMAVB	LinStatic	-0,651	19,209	0	0	0
6	0	PP	LinStatic	-5,5	70,726	0	0	0
6	0,2	PP	LinStatic	-5,5	74,225	0	0	0
6	0	REINTSUP	LinStatic	0,613	16,12	0	0	0
6	0,2	REINTSUP	LinStatic	0,613	16,12	0	0	0
6	0	BALLAST	LinStatic	0,707	18,6	0	0	0
6	0,2	BALLAST	LinStatic	0,707	18,6	0	0	0
6	0	STERRASX	LinStatic	-151,125	94,58	0	0	0
6	0,2	STERRASX	LinStatic	-151,125	94,58	0	0	0
6	0	STERRADX	LinStatic	-8,695	-94,138	0	0	0
6	0,2	STERRADX	LinStatic	-8,695	-94,138	0	0	0
6	0	TERMP	LinStatic	1,146	-0,017	0	0	0
6	0,2	TERMP	LinStatic	1,146	-0,017	0	0	0
6	0	TERMN	LinStatic	-3,437	0,051	0	0	0
6	0,2	TERMN	LinStatic	-3,437	0,051	0	0	0
6	0	GRADTP	LinStatic	-5,524	0,034	0	0	0
6	0,2	GRADTP	LinStatic	-5,524	0,034	0	0	0
6	0	GRADTN	LinStatic	5,524	-0,034	0	0	0
6	0,2	GRADTN	LinStatic	5,524	-0,034	0	0	0
6	0	LM71C	LinStatic	3,021	79,438	0	0	0
6	0,2	LM71C	LinStatic	3,021	79,438	0	0	0
6	0	STLM71	LinStatic	-71,357	60,3	0	0	0
6	0,2	STLM71	LinStatic	-71,357	60,3	0	0	0
6	0	AVVLM71	LinStatic	-13,247	33,898	0	0	0
6	0,2	AVVLM71	LinStatic	-13,247	33,898	0	0	0
6	0	SW2	LinStatic	2,517	66,186	0	0	0
6	0,2	SW2	LinStatic	2,517	66,186	0	0	0
6	0	STSW2	LinStatic	-59,453	50,241	0	0	0
6	0,2	STSW2	LinStatic	-59,453	50,241	0	0	0
6	0	FRENSW2	LinStatic	-14,053	35,96	0	0	0
6	0,2	FRENSW2	LinStatic	-14,053	35,96	0	0	0
6	0	INCRTER	LinStatic	-163,258	137,961	0	0	0
6	0,2	INCRTER	LinStatic	-163,258	137,961	0	0	0
6	0	LM71SISO	LinStatic	-5,005	12,807	0	0	0
6	0,2	LM71SISO	LinStatic	-5,005	12,807	0	0	0
6	0	SW2SISO	LinStatic	-4,173	10,678	0	0	0
6	0,2	SW2SISO	LinStatic	-4,173	10,678	0	0	0
6	0	SISMAO	LinStatic	-29,893	62,458	0	0	0
6	0,2	SISMAO	LinStatic	-29,893	62,458	0	0	0
6	0	LM71SVA	LinStatic	-0,094	-2,467	0	0	0
6	0,2	LM71SVA	LinStatic	-0,094	-2,467	0	0	0
6	0	SW2SVA	LinStatic	-0,078	-2,054	0	0	0
6	0,2	SW2SVA	LinStatic	-0,078	-2,054	0	0	0
6	0	SISMAVA	LinStatic	0,651	-16,632	0	0	0
6	0,2	SISMAVA	LinStatic	0,651	-16,632	0	0	0
6	0	LM71SVB	LinStatic	0,094	2,467	0	0	0
6	0,2	LM71SVB	LinStatic	0,094	2,467	0	0	0
6	0	SW2SVB	LinStatic	0,078	2,054	0	0	0
6	0,2	SW2SVB	LinStatic	0,078	2,054	0	0	0
6	0	SISMAVB	LinStatic	-0,651	16,63	0	0	0
6	0,2	SISMAVB	LinStatic	-0,651	16,63	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
7	0	PP	LinStatic	-5,5	59,524	0	0	0
7	0,2	PP	LinStatic	-5,5	63,023	0	0	0
7	0	REINTSUP	LinStatic	0,613	13,627	0	0	0
7	0,2	REINTSUP	LinStatic	0,613	13,627	0	0	0
7	0	BALLAST	LinStatic	0,707	15,724	0	0	0
7	0,2	BALLAST	LinStatic	0,707	15,724	0	0	0
7	0	STERRASX	LinStatic	-140,168	112,678	0	0	0
7	0,2	STERRASX	LinStatic	-140,168	112,678	0	0	0
7	0	STERRADX	LinStatic	-19,651	-112,254	0	0	0
7	0,2	STERRADX	LinStatic	-19,651	-112,254	0	0	0
7	0	TERMP	LinStatic	1,146	-0,016	0	0	0
7	0,2	TERMP	LinStatic	1,146	-0,016	0	0	0
7	0	TERMN	LinStatic	-3,437	0,049	0	0	0
7	0,2	TERMN	LinStatic	-3,437	0,049	0	0	0
7	0	GRADTP	LinStatic	-5,524	0,032	0	0	0
7	0,2	GRADTP	LinStatic	-5,524	0,032	0	0	0
7	0	GRADTN	LinStatic	5,524	-0,032	0	0	0
7	0,2	GRADTN	LinStatic	5,524	-0,032	0	0	0
7	0	LM71C	LinStatic	3,021	67,153	0	0	0
7	0,2	LM71C	LinStatic	3,021	67,153	0	0	0
7	0	STLM71	LinStatic	-65,611	72,534	0	0	0
7	0,2	STLM71	LinStatic	-65,611	72,534	0	0	0
7	0	AVVLM71	LinStatic	-11,209	42,582	0	0	0
7	0,2	AVVLM71	LinStatic	-11,209	42,582	0	0	0
7	0	SW2	LinStatic	2,517	55,95	0	0	0
7	0,2	SW2	LinStatic	2,517	55,95	0	0	0
7	0	STSW2	LinStatic	-54,665	60,434	0	0	0
7	0,2	STSW2	LinStatic	-54,665	60,434	0	0	0
7	0	FRENSW2	LinStatic	-11,891	45,172	0	0	0
7	0,2	FRENSW2	LinStatic	-11,891	45,172	0	0	0
7	0	INCRTER	LinStatic	-150,11	165,95	0	0	0
7	0,2	INCRTER	LinStatic	-150,11	165,95	0	0	0
7	0	LM71SISO	LinStatic	-4,235	16,088	0	0	0
7	0,2	LM71SISO	LinStatic	-4,235	16,088	0	0	0
7	0	SW2SISO	LinStatic	-3,531	13,414	0	0	0
7	0,2	SW2SISO	LinStatic	-3,531	13,414	0	0	0
7	0	SISMAO	LinStatic	-25,294	77,197	0	0	0
7	0,2	SISMAO	LinStatic	-25,294	77,197	0	0	0
7	0	LM71SVA	LinStatic	-0,094	-2,086	0	0	0
7	0,2	LM71SVA	LinStatic	-0,094	-2,086	0	0	0
7	0	SW2SVA	LinStatic	-0,078	-1,736	0	0	0
7	0,2	SW2SVA	LinStatic	-0,078	-1,736	0	0	0
7	0	SISMAVA	LinStatic	0,651	-14,06	0	0	0
7	0,2	SISMAVA	LinStatic	0,651	-14,06	0	0	0
7	0	LM71SVB	LinStatic	0,094	2,086	0	0	0
7	0,2	LM71SVB	LinStatic	0,094	2,086	0	0	0
7	0	SW2SVB	LinStatic	0,078	1,736	0	0	0
7	0,2	SW2SVB	LinStatic	0,078	1,736	0	0	0
7	0	SISMAVB	LinStatic	-0,651	14,058	0	0	0
7	0,2	SISMAVB	LinStatic	-0,651	14,058	0	0	0
8	0	PP	LinStatic	-5,5	48,347	0	0	0
8	0,2	PP	LinStatic	-5,5	51,846	0	0	0
8	0	REINTSUP	LinStatic	0,613	11,141	0	0	0
8	0,2	REINTSUP	LinStatic	0,613	11,141	0	0	0
8	0	BALLAST	LinStatic	0,707	12,855	0	0	0
8	0,2	BALLAST	LinStatic	0,707	12,855	0	0	0
8	0	STERRASX	LinStatic	-129,212	127,733	0	0	0
8	0,2	STERRASX	LinStatic	-129,212	127,733	0	0	0
8	0	STERRADX	LinStatic	-30,607	-127,352	0	0	0
8	0,2	STERRADX	LinStatic	-30,607	-127,352	0	0	0
8	0	TERMP	LinStatic	1,146	-0,015	0	0	0
8	0,2	TERMP	LinStatic	1,146	-0,015	0	0	0
8	0	TERMN	LinStatic	-3,437	0,044	0	0	0
8	0,2	TERMN	LinStatic	-3,437	0,044	0	0	0
8	0	GRADTP	LinStatic	-5,524	0,029	0	0	0
8	0,2	GRADTP	LinStatic	-5,524	0,029	0	0	0
8	0	GRADTN	LinStatic	5,524	-0,029	0	0	0
8	0,2	GRADTN	LinStatic	5,524	-0,029	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
8	0	LM71C	LinStatic	3,021	54,9	0	0	0
8	0,2	LM71C	LinStatic	3,021	54,9	0	0	0
8	0	STLM71	LinStatic	-59,864	82,714	0	0	0
8	0,2	STLM71	LinStatic	-59,864	82,714	0	0	0
8	0	AVVLM71	LinStatic	-9,171	49,813	0	0	0
8	0,2	AVVLM71	LinStatic	-9,171	49,813	0	0	0
8	0	SW2	LinStatic	2,517	45,741	0	0	0
8	0,2	SW2	LinStatic	2,517	45,741	0	0	0
8	0	STSW2	LinStatic	-49,877	68,915	0	0	0
8	0,2	STSW2	LinStatic	-49,877	68,915	0	0	0
8	0	FRENSW2	LinStatic	-9,729	52,844	0	0	0
8	0,2	FRENSW2	LinStatic	-9,729	52,844	0	0	0
8	0	INCRTER	LinStatic	-136,962	189,24	0	0	0
8	0,2	INCRTER	LinStatic	-136,962	189,24	0	0	0
8	0	LM71SISO	LinStatic	-3,465	18,82	0	0	0
8	0,2	LM71SISO	LinStatic	-3,465	18,82	0	0	0
8	0	SW2SISO	LinStatic	-2,889	15,692	0	0	0
8	0,2	SW2SISO	LinStatic	-2,889	15,692	0	0	0
8	0	SISMAO	LinStatic	-20,695	89,47	0	0	0
8	0,2	SISMAO	LinStatic	-20,695	89,47	0	0	0
8	0	LM71SVA	LinStatic	-0,094	-1,705	0	0	0
8	0,2	LM71SVA	LinStatic	-0,094	-1,705	0	0	0
8	0	SW2SVA	LinStatic	-0,078	-1,419	0	0	0
8	0,2	SW2SVA	LinStatic	-0,078	-1,419	0	0	0
8	0	SISMAVA	LinStatic	0,651	-11,494	0	0	0
8	0,2	SISMAVA	LinStatic	0,651	-11,494	0	0	0
8	0	LM71SVB	LinStatic	0,094	1,705	0	0	0
8	0,2	LM71SVB	LinStatic	0,094	1,705	0	0	0
8	0	SW2SVB	LinStatic	0,078	1,419	0	0	0
8	0,2	SW2SVB	LinStatic	0,078	1,419	0	0	0
8	0	SISMAVB	LinStatic	-0,651	11,493	0	0	0
8	0,2	SISMAVB	LinStatic	-0,651	11,493	0	0	0
9	0	PP	LinStatic	-5,5	37,191	0	0	0
9	0,2	PP	LinStatic	-5,5	40,69	0	0	0
9	0	REINTSUP	LinStatic	0,613	8,659	0	0	0
9	0,2	REINTSUP	LinStatic	0,613	8,659	0	0	0
9	0	BALLAST	LinStatic	0,707	9,991	0	0	0
9	0,2	BALLAST	LinStatic	0,707	9,991	0	0	0
9	0	STERRASX	LinStatic	-118,255	139,753	0	0	0
9	0,2	STERRASX	LinStatic	-118,255	139,753	0	0	0
9	0	STERRADX	LinStatic	-41,563	-139,436	0	0	0
9	0,2	STERRADX	LinStatic	-41,563	-139,436	0	0	0
9	0	TERMP	LinStatic	1,146	-0,012	0	0	0
9	0,2	TERMP	LinStatic	1,146	-0,012	0	0	0
9	0	TERMN	LinStatic	-3,437	0,036	0	0	0
9	0,2	TERMN	LinStatic	-3,437	0,036	0	0	0
9	0	GRADTP	LinStatic	-5,524	0,024	0	0	0
9	0,2	GRADTP	LinStatic	-5,524	0,024	0	0	0
9	0	GRADTN	LinStatic	5,524	-0,024	0	0	0
9	0,2	GRADTN	LinStatic	5,524	-0,024	0	0	0
9	0	LM71C	LinStatic	3,021	42,672	0	0	0
9	0,2	LM71C	LinStatic	3,021	42,672	0	0	0
9	0	STLM71	LinStatic	-54,117	90,845	0	0	0
9	0,2	STLM71	LinStatic	-54,117	90,845	0	0	0
9	0	AVVLM71	LinStatic	-7,133	55,594	0	0	0
9	0,2	AVVLM71	LinStatic	-7,133	55,594	0	0	0
9	0	SW2	LinStatic	2,517	35,553	0	0	0
9	0,2	SW2	LinStatic	2,517	35,553	0	0	0
9	0	STSW2	LinStatic	-45,089	75,689	0	0	0
9	0,2	STSW2	LinStatic	-45,089	75,689	0	0	0
9	0	FRENSW2	LinStatic	-7,567	58,977	0	0	0
9	0,2	FRENSW2	LinStatic	-7,567	58,977	0	0	0
9	0	INCRTER	LinStatic	-123,814	207,843	0	0	0
9	0,2	INCRTER	LinStatic	-123,814	207,843	0	0	0
9	0	LM71SISO	LinStatic	-2,695	21,005	0	0	0
9	0,2	LM71SISO	LinStatic	-2,695	21,005	0	0	0
9	0	SW2SISO	LinStatic	-2,247	17,513	0	0	0
9	0,2	SW2SISO	LinStatic	-2,247	17,513	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
9	0	SISMAO	LinStatic	-16,096	99,282	0	0	0
9	0,2	SISMAO	LinStatic	-16,096	99,282	0	0	0
9	0	LM71SVA	LinStatic	-0,094	-1,325	0	0	0
9	0,2	LM71SVA	LinStatic	-0,094	-1,325	0	0	0
9	0	SW2SVA	LinStatic	-0,078	-1,103	0	0	0
9	0,2	SW2SVA	LinStatic	-0,078	-1,103	0	0	0
9	0	SISMAVA	LinStatic	0,651	-8,934	0	0	0
9	0,2	SISMAVA	LinStatic	0,651	-8,934	0	0	0
9	0	LM71SVB	LinStatic	0,094	1,325	0	0	0
9	0,2	LM71SVB	LinStatic	0,094	1,325	0	0	0
9	0	SW2SVB	LinStatic	0,078	1,103	0	0	0
9	0,2	SW2SVB	LinStatic	0,078	1,103	0	0	0
9	0	SISMAVB	LinStatic	-0,651	8,932	0	0	0
9	0,2	SISMAVB	LinStatic	-0,651	8,932	0	0	0
10	0	PP	LinStatic	-5,5	26,053	0	0	0
10	0,2	PP	LinStatic	-5,5	29,552	0	0	0
10	0	REINTSUP	LinStatic	0,613	6,182	0	0	0
10	0,2	REINTSUP	LinStatic	0,613	6,182	0	0	0
10	0	BALLAST	LinStatic	0,707	7,133	0	0	0
10	0,2	BALLAST	LinStatic	0,707	7,133	0	0	0
10	0	STERRASX	LinStatic	-107,299	148,748	0	0	0
10	0,2	STERRASX	LinStatic	-107,299	148,748	0	0	0
10	0	STERRADX	LinStatic	-52,518	-148,51	0	0	0
10	0,2	STERRADX	LinStatic	-52,518	-148,51	0	0	0
10	0	TERMP	LinStatic	1,146	-0,009107	0	0	0
10	0,2	TERMP	LinStatic	1,146	-0,009107	0	0	0
10	0	TERMN	LinStatic	-3,437	0,027	0	0	0
10	0,2	TERMN	LinStatic	-3,437	0,027	0	0	0
10	0	GRADTP	LinStatic	-5,524	0,018	0	0	0
10	0,2	GRADTP	LinStatic	-5,524	0,018	0	0	0
10	0	GRADTN	LinStatic	5,524	-0,018	0	0	0
10	0,2	GRADTN	LinStatic	5,524	-0,018	0	0	0
10	0	LM71C	LinStatic	3,021	30,465	0	0	0
10	0,2	LM71C	LinStatic	3,021	30,465	0	0	0
10	0	STLM71	LinStatic	-48,37	96,932	0	0	0
10	0,2	STLM71	LinStatic	-48,37	96,932	0	0	0
10	0	AVVLM71	LinStatic	-5,095	59,929	0	0	0
10	0,2	AVVLM71	LinStatic	-5,095	59,929	0	0	0
10	0	SW2	LinStatic	2,517	25,382	0	0	0
10	0,2	SW2	LinStatic	2,517	25,382	0	0	0
10	0	STSW2	LinStatic	-40,301	80,761	0	0	0
10	0,2	STSW2	LinStatic	-40,301	80,761	0	0	0
10	0	FRENSW2	LinStatic	-5,405	63,575	0	0	0
10	0,2	FRENSW2	LinStatic	-5,405	63,575	0	0	0
10	0	INCRTER	LinStatic	-110,666	221,77	0	0	0
10	0,2	INCRTER	LinStatic	-110,666	221,77	0	0	0
10	0	LM71SISO	LinStatic	-1,925	22,642	0	0	0
10	0,2	LM71SISO	LinStatic	-1,925	22,642	0	0	0
10	0	SW2SISO	LinStatic	-1,605	18,878	0	0	0
10	0,2	SW2SISO	LinStatic	-1,605	18,878	0	0	0
10	0	SISMAO	LinStatic	-11,497	106,638	0	0	0
10	0,2	SISMAO	LinStatic	-11,497	106,638	0	0	0
10	0	LM71SVA	LinStatic	-0,094	-0,946	0	0	0
10	0,2	LM71SVA	LinStatic	-0,094	-0,946	0	0	0
10	0	SW2SVA	LinStatic	-0,078	-0,788	0	0	0
10	0,2	SW2SVA	LinStatic	-0,078	-0,788	0	0	0
10	0	SISMAVA	LinStatic	0,651	-6,377	0	0	0
10	0,2	SISMAVA	LinStatic	0,651	-6,377	0	0	0
10	0	LM71SVB	LinStatic	0,094	0,946	0	0	0
10	0,2	LM71SVB	LinStatic	0,094	0,946	0	0	0
10	0	SW2SVB	LinStatic	0,078	0,788	0	0	0
10	0,2	SW2SVB	LinStatic	0,078	0,788	0	0	0
10	0	SISMAVB	LinStatic	-0,651	6,376	0	0	0
10	0,2	SISMAVB	LinStatic	-0,651	6,376	0	0	0
11	0	PP	LinStatic	-5,5	14,927	0	0	0
11	0,2	PP	LinStatic	-5,5	18,426	0	0	0
11	0	REINTSUP	LinStatic	0,613	3,708	0	0	0
11	0,2	REINTSUP	LinStatic	0,613	3,708	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
11	0	BALLAST	LinStatic	0,707	4,278	0	0	0
11	0,2	BALLAST	LinStatic	0,707	4,278	0	0	0
11	0	STERRASX	LinStatic	-96,343	154,723	0	0	0
11	0,2	STERRASX	LinStatic	-96,343	154,723	0	0	0
11	0	STERRADX	LinStatic	-63,474	-154,576	0	0	0
11	0,2	STERRADX	LinStatic	-63,474	-154,576	0	0	0
11	0	TERMP	LinStatic	1,146	-0,005637	0	0	0
11	0,2	TERMP	LinStatic	1,146	-0,005637	0	0	0
11	0	TERMN	LinStatic	-3,437	0,017	0	0	0
11	0,2	TERMN	LinStatic	-3,437	0,017	0	0	0
11	0	GRADTP	LinStatic	-5,524	0,011	0	0	0
11	0,2	GRADTP	LinStatic	-5,524	0,011	0	0	0
11	0	GRADTN	LinStatic	5,524	-0,011	0	0	0
11	0,2	GRADTN	LinStatic	5,524	-0,011	0	0	0
11	0	LM71C	LinStatic	3,021	18,273	0	0	0
11	0,2	LM71C	LinStatic	3,021	18,273	0	0	0
11	0	STLM71	LinStatic	-42,624	100,979	0	0	0
11	0,2	STLM71	LinStatic	-42,624	100,979	0	0	0
11	0	AVVLM71	LinStatic	-3,057	62,817	0	0	0
11	0,2	AVVLM71	LinStatic	-3,057	62,817	0	0	0
11	0	SW2	LinStatic	2,517	15,224	0	0	0
11	0,2	SW2	LinStatic	2,517	15,224	0	0	0
11	0	STSW2	LinStatic	-35,513	84,133	0	0	0
11	0,2	STSW2	LinStatic	-35,513	84,133	0	0	0
11	0	FRENSW2	LinStatic	-3,243	66,639	0	0	0
11	0,2	FRENSW2	LinStatic	-3,243	66,639	0	0	0
11	0	INCRTER	LinStatic	-97,518	231,029	0	0	0
11	0,2	INCRTER	LinStatic	-97,518	231,029	0	0	0
11	0	LM71SISO	LinStatic	-1,155	23,734	0	0	0
11	0,2	LM71SISO	LinStatic	-1,155	23,734	0	0	0
11	0	SW2SISO	LinStatic	-0,963	19,788	0	0	0
11	0,2	SW2SISO	LinStatic	-0,963	19,788	0	0	0
11	0	SISMAO	LinStatic	-6,898	111,54	0	0	0
11	0,2	SISMAO	LinStatic	-6,898	111,54	0	0	0
11	0	LM71SVA	LinStatic	-0,094	-0,567	0	0	0
11	0,2	LM71SVA	LinStatic	-0,094	-0,567	0	0	0
11	0	SW2SVA	LinStatic	-0,078	-0,472	0	0	0
11	0,2	SW2SVA	LinStatic	-0,078	-0,472	0	0	0
11	0	SISMAVA	LinStatic	0,651	-3,824	0	0	0
11	0,2	SISMAVA	LinStatic	0,651	-3,824	0	0	0
11	0	LM71SVB	LinStatic	0,094	0,567	0	0	0
11	0,2	LM71SVB	LinStatic	0,094	0,567	0	0	0
11	0	SW2SVB	LinStatic	0,078	0,472	0	0	0
11	0,2	SW2SVB	LinStatic	0,078	0,472	0	0	0
11	0	SISMAVB	LinStatic	-0,651	3,823	0	0	0
11	0,2	SISMAVB	LinStatic	-0,651	3,823	0	0	0
12	0	PP	LinStatic	-5,5	3,808	0	0	0
12	0,2	PP	LinStatic	-5,5	7,307	0	0	0
12	0	REINTSUP	LinStatic	0,613	1,236	0	0	0
12	0,2	REINTSUP	LinStatic	0,613	1,236	0	0	0
12	0	BALLAST	LinStatic	0,707	1,426	0	0	0
12	0,2	BALLAST	LinStatic	0,707	1,426	0	0	0
12	0	STERRASX	LinStatic	-85,386	157,684	0	0	0
12	0,2	STERRASX	LinStatic	-85,386	157,684	0	0	0
12	0	STERRADX	LinStatic	-74,43	-157,634	0	0	0
12	0,2	STERRADX	LinStatic	-74,43	-157,634	0	0	0
12	0	TERMP	LinStatic	1,146	-0,001908	0	0	0
12	0,2	TERMP	LinStatic	1,146	-0,001908	0	0	0
12	0	TERMN	LinStatic	-3,437	0,005723	0	0	0
12	0,2	TERMN	LinStatic	-3,437	0,005723	0	0	0
12	0	GRADTP	LinStatic	-5,524	0,003795	0	0	0
12	0,2	GRADTP	LinStatic	-5,524	0,003795	0	0	0
12	0	GRADTN	LinStatic	5,524	-0,003795	0	0	0
12	0,2	GRADTN	LinStatic	5,524	-0,003795	0	0	0
12	0	LM71C	LinStatic	3,021	6,09	0	0	0
12	0,2	LM71C	LinStatic	3,021	6,09	0	0	0
12	0	STLM71	LinStatic	-36,877	102,99	0	0	0
12	0,2	STLM71	LinStatic	-36,877	102,99	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
12	0	AVVLM71	LinStatic	-1,019	64,261	0	0	0
12	0,2	AVVLM71	LinStatic	-1,019	64,261	0	0	0
12	0	SW2	LinStatic	2,517	5,074	0	0	0
12	0,2	SW2	LinStatic	2,517	5,074	0	0	0
12	0	STSW2	LinStatic	-30,725	85,808	0	0	0
12	0,2	STSW2	LinStatic	-30,725	85,808	0	0	0
12	0	FRENSW2	LinStatic	-1,081	68,171	0	0	0
12	0,2	FRENSW2	LinStatic	-1,081	68,171	0	0	0
12	0	INCRTER	LinStatic	-84,371	235,629	0	0	0
12	0,2	INCRTER	LinStatic	-84,371	235,629	0	0	0
12	0	LM71SISO	LinStatic	-0,385	24,279	0	0	0
12	0,2	LM71SISO	LinStatic	-0,385	24,279	0	0	0
12	0	SW2SISO	LinStatic	-0,321	20,243	0	0	0
12	0,2	SW2SISO	LinStatic	-0,321	20,243	0	0	0
12	0	SISMAO	LinStatic	-2,299	113,99	0	0	0
12	0,2	SISMAO	LinStatic	-2,299	113,99	0	0	0
12	0	LM71SVA	LinStatic	-0,094	-0,189	0	0	0
12	0,2	LM71SVA	LinStatic	-0,094	-0,189	0	0	0
12	0	SW2SVA	LinStatic	-0,078	-0,157	0	0	0
12	0,2	SW2SVA	LinStatic	-0,078	-0,157	0	0	0
12	0	SISMAVA	LinStatic	0,651	-1,273	0	0	0
12	0,2	SISMAVA	LinStatic	0,651	-1,273	0	0	0
12	0	LM71SVB	LinStatic	0,094	0,189	0	0	0
12	0,2	LM71SVB	LinStatic	0,094	0,189	0	0	0
12	0	SW2SVB	LinStatic	0,078	0,157	0	0	0
12	0,2	SW2SVB	LinStatic	0,078	0,157	0	0	0
12	0	SISMAVB	LinStatic	-0,651	1,272	0	0	0
12	0,2	SISMAVB	LinStatic	-0,651	1,272	0	0	0
13	0	PP	LinStatic	-5,5	-7,307	0	0	0
13	0,2	PP	LinStatic	-5,5	-3,808	0	0	0
13	0	REINTSUP	LinStatic	0,613	-1,236	0	0	0
13	0,2	REINTSUP	LinStatic	0,613	-1,236	0	0	0
13	0	BALLAST	LinStatic	0,707	-1,426	0	0	0
13	0,2	BALLAST	LinStatic	0,707	-1,426	0	0	0
13	0	STERRASX	LinStatic	-74,43	157,634	0	0	0
13	0,2	STERRASX	LinStatic	-74,43	157,634	0	0	0
13	0	STERRADX	LinStatic	-85,386	-157,684	0	0	0
13	0,2	STERRADX	LinStatic	-85,386	-157,684	0	0	0
13	0	TERMP	LinStatic	1,146	0,001908	0	0	0
13	0,2	TERMP	LinStatic	1,146	0,001908	0	0	0
13	0	TERMN	LinStatic	-3,437	-0,005723	0	0	0
13	0,2	TERMN	LinStatic	-3,437	-0,005723	0	0	0
13	0	GRADTP	LinStatic	-5,524	-0,003795	0	0	0
13	0,2	GRADTP	LinStatic	-5,524	-0,003795	0	0	0
13	0	GRADTN	LinStatic	5,524	0,003795	0	0	0
13	0,2	GRADTN	LinStatic	5,524	0,003795	0	0	0
13	0	LM71C	LinStatic	3,021	-6,09	0	0	0
13	0,2	LM71C	LinStatic	3,021	-6,09	0	0	0
13	0	STLM71	LinStatic	-31,131	102,965	0	0	0
13	0,2	STLM71	LinStatic	-31,131	102,965	0	0	0
13	0	AVVLM71	LinStatic	1,019	64,261	0	0	0
13	0,2	AVVLM71	LinStatic	1,019	64,261	0	0	0
13	0	SW2	LinStatic	2,517	-5,074	0	0	0
13	0,2	SW2	LinStatic	2,517	-5,074	0	0	0
13	0	STSW2	LinStatic	-25,937	85,788	0	0	0
13	0,2	STSW2	LinStatic	-25,937	85,788	0	0	0
13	0	FRENSW2	LinStatic	1,081	68,171	0	0	0
13	0,2	FRENSW2	LinStatic	1,081	68,171	0	0	0
13	0	INCRTER	LinStatic	-71,223	235,573	0	0	0
13	0,2	INCRTER	LinStatic	-71,223	235,573	0	0	0
13	0	LM71SISO	LinStatic	0,385	24,279	0	0	0
13	0,2	LM71SISO	LinStatic	0,385	24,279	0	0	0
13	0	SW2SISO	LinStatic	0,321	20,243	0	0	0
13	0,2	SW2SISO	LinStatic	0,321	20,243	0	0	0
13	0	SISMAO	LinStatic	2,299	113,99	0	0	0
13	0,2	SISMAO	LinStatic	2,299	113,99	0	0	0
13	0	LM71SVA	LinStatic	-0,094	0,189	0	0	0
13	0,2	LM71SVA	LinStatic	-0,094	0,189	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
13	0	SW2SVA	LinStatic	-0,078	0,157	0	0	0
13	0,2	SW2SVA	LinStatic	-0,078	0,157	0	0	0
13	0	SISMAVA	LinStatic	0,651	1,278	0	0	0
13	0,2	SISMAVA	LinStatic	0,651	1,278	0	0	0
13	0	LM71SVB	LinStatic	0,094	-0,189	0	0	0
13	0,2	LM71SVB	LinStatic	0,094	-0,189	0	0	0
13	0	SW2SVB	LinStatic	0,078	-0,157	0	0	0
13	0,2	SW2SVB	LinStatic	0,078	-0,157	0	0	0
13	0	SISMAVB	LinStatic	-0,651	-1,279	0	0	0
13	0,2	SISMAVB	LinStatic	-0,651	-1,279	0	0	0
14	0	PP	LinStatic	-5,5	-18,426	0	0	0
14	0,2	PP	LinStatic	-5,5	-14,927	0	0	0
14	0	REINTSUP	LinStatic	0,613	-3,708	0	0	0
14	0,2	REINTSUP	LinStatic	0,613	-3,708	0	0	0
14	0	BALLAST	LinStatic	0,707	-4,278	0	0	0
14	0,2	BALLAST	LinStatic	0,707	-4,278	0	0	0
14	0	STERRASX	LinStatic	-63,474	154,576	0	0	0
14	0,2	STERRASX	LinStatic	-63,474	154,576	0	0	0
14	0	STERRADX	LinStatic	-96,343	-154,723	0	0	0
14	0,2	STERRADX	LinStatic	-96,343	-154,723	0	0	0
14	0	TERMP	LinStatic	1,146	0,005637	0	0	0
14	0,2	TERMP	LinStatic	1,146	0,005637	0	0	0
14	0	TERMN	LinStatic	-3,437	-0,017	0	0	0
14	0,2	TERMN	LinStatic	-3,437	-0,017	0	0	0
14	0	GRADTP	LinStatic	-5,524	-0,011	0	0	0
14	0,2	GRADTP	LinStatic	-5,524	-0,011	0	0	0
14	0	GRADTN	LinStatic	5,524	0,011	0	0	0
14	0,2	GRADTN	LinStatic	5,524	0,011	0	0	0
14	0	LM71C	LinStatic	3,021	-18,273	0	0	0
14	0,2	LM71C	LinStatic	3,021	-18,273	0	0	0
14	0	STLM71	LinStatic	-25,384	100,907	0	0	0
14	0,2	STLM71	LinStatic	-25,384	100,907	0	0	0
14	0	AVVLM71	LinStatic	3,057	62,817	0	0	0
14	0,2	AVVLM71	LinStatic	3,057	62,817	0	0	0
14	0	SW2	LinStatic	2,517	-15,224	0	0	0
14	0,2	SW2	LinStatic	2,517	-15,224	0	0	0
14	0	STSW2	LinStatic	-21,149	84,073	0	0	0
14	0,2	STSW2	LinStatic	-21,149	84,073	0	0	0
14	0	FRENSW2	LinStatic	3,243	66,639	0	0	0
14	0,2	FRENSW2	LinStatic	3,243	66,639	0	0	0
14	0	INCRTER	LinStatic	-58,076	230,864	0	0	0
14	0,2	INCRTER	LinStatic	-58,076	230,864	0	0	0
14	0	LM71SISO	LinStatic	1,155	23,734	0	0	0
14	0,2	LM71SISO	LinStatic	1,155	23,734	0	0	0
14	0	SW2SISO	LinStatic	0,963	19,788	0	0	0
14	0,2	SW2SISO	LinStatic	0,963	19,788	0	0	0
14	0	SISMAO	LinStatic	6,898	111,54	0	0	0
14	0,2	SISMAO	LinStatic	6,898	111,54	0	0	0
14	0	LM71SVA	LinStatic	-0,094	0,567	0	0	0
14	0,2	LM71SVA	LinStatic	-0,094	0,567	0	0	0
14	0	SW2SVA	LinStatic	-0,078	0,472	0	0	0
14	0,2	SW2SVA	LinStatic	-0,078	0,472	0	0	0
14	0	SISMAVA	LinStatic	0,651	3,829	0	0	0
14	0,2	SISMAVA	LinStatic	0,651	3,829	0	0	0
14	0	LM71SVB	LinStatic	0,094	-0,567	0	0	0
14	0,2	LM71SVB	LinStatic	0,094	-0,567	0	0	0
14	0	SW2SVB	LinStatic	0,078	-0,472	0	0	0
14	0,2	SW2SVB	LinStatic	0,078	-0,472	0	0	0
14	0	SISMAVB	LinStatic	-0,651	-3,829	0	0	0
14	0,2	SISMAVB	LinStatic	-0,651	-3,829	0	0	0
15	0	PP	LinStatic	-5,5	-29,552	0	0	0
15	0,2	PP	LinStatic	-5,5	-26,053	0	0	0
15	0	REINTSUP	LinStatic	0,613	-6,182	0	0	0
15	0,2	REINTSUP	LinStatic	0,613	-6,182	0	0	0
15	0	BALLAST	LinStatic	0,707	-7,133	0	0	0
15	0,2	BALLAST	LinStatic	0,707	-7,133	0	0	0
15	0	STERRASX	LinStatic	-52,518	148,51	0	0	0
15	0,2	STERRASX	LinStatic	-52,518	148,51	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
15	0	STERRADX	LinStatic	-107,299	-148,748	0	0	0
15	0,2	STERRADX	LinStatic	-107,299	-148,748	0	0	0
15	0	TERMP	LinStatic	1,146	0,009107	0	0	0
15	0,2	TERMP	LinStatic	1,146	0,009107	0	0	0
15	0	TERMN	LinStatic	-3,437	-0,027	0	0	0
15	0,2	TERMN	LinStatic	-3,437	-0,027	0	0	0
15	0	GRADTP	LinStatic	-5,524	-0,018	0	0	0
15	0,2	GRADTP	LinStatic	-5,524	-0,018	0	0	0
15	0	GRADTN	LinStatic	5,524	0,018	0	0	0
15	0,2	GRADTN	LinStatic	5,524	0,018	0	0	0
15	0	LM71C	LinStatic	3,021	-30,465	0	0	0
15	0,2	LM71C	LinStatic	3,021	-30,465	0	0	0
15	0	STLM71	LinStatic	-19,637	96,815	0	0	0
15	0,2	STLM71	LinStatic	-19,637	96,815	0	0	0
15	0	AVVLM71	LinStatic	5,095	59,929	0	0	0
15	0,2	AVVLM71	LinStatic	5,095	59,929	0	0	0
15	0	SW2	LinStatic	2,517	-25,382	0	0	0
15	0,2	SW2	LinStatic	2,517	-25,382	0	0	0
15	0	STSW2	LinStatic	-16,361	80,664	0	0	0
15	0,2	STSW2	LinStatic	-16,361	80,664	0	0	0
15	0	FRENSW2	LinStatic	5,405	63,575	0	0	0
15	0,2	FRENSW2	LinStatic	5,405	63,575	0	0	0
15	0	INCRTER	LinStatic	-44,928	221,503	0	0	0
15	0,2	INCRTER	LinStatic	-44,928	221,503	0	0	0
15	0	LM71SISO	LinStatic	1,925	22,642	0	0	0
15	0,2	LM71SISO	LinStatic	1,925	22,642	0	0	0
15	0	SW2SISO	LinStatic	1,605	18,878	0	0	0
15	0,2	SW2SISO	LinStatic	1,605	18,878	0	0	0
15	0	SISMAO	LinStatic	11,497	106,638	0	0	0
15	0,2	SISMAO	LinStatic	11,497	106,638	0	0	0
15	0	LM71SVA	LinStatic	-0,094	0,946	0	0	0
15	0,2	LM71SVA	LinStatic	-0,094	0,946	0	0	0
15	0	SW2SVA	LinStatic	-0,078	0,788	0	0	0
15	0,2	SW2SVA	LinStatic	-0,078	0,788	0	0	0
15	0	SISMAVA	LinStatic	0,651	6,381	0	0	0
15	0,2	SISMAVA	LinStatic	0,651	6,381	0	0	0
15	0	LM71SVB	LinStatic	0,094	-0,946	0	0	0
15	0,2	LM71SVB	LinStatic	0,094	-0,946	0	0	0
15	0	SW2SVB	LinStatic	0,078	-0,788	0	0	0
15	0,2	SW2SVB	LinStatic	0,078	-0,788	0	0	0
15	0	SISMAVB	LinStatic	-0,651	-6,382	0	0	0
15	0,2	SISMAVB	LinStatic	-0,651	-6,382	0	0	0
16	0	PP	LinStatic	-5,5	-40,69	0	0	0
16	0,2	PP	LinStatic	-5,5	-37,191	0	0	0
16	0	REINTSUP	LinStatic	0,613	-8,659	0	0	0
16	0,2	REINTSUP	LinStatic	0,613	-8,659	0	0	0
16	0	BALLAST	LinStatic	0,707	-9,991	0	0	0
16	0,2	BALLAST	LinStatic	0,707	-9,991	0	0	0
16	0	STERRASX	LinStatic	-41,563	139,436	0	0	0
16	0,2	STERRASX	LinStatic	-41,563	139,436	0	0	0
16	0	STERRADX	LinStatic	-118,255	-139,753	0	0	0
16	0,2	STERRADX	LinStatic	-118,255	-139,753	0	0	0
16	0	TERMP	LinStatic	1,146	0,012	0	0	0
16	0,2	TERMP	LinStatic	1,146	0,012	0	0	0
16	0	TERMN	LinStatic	-3,437	-0,036	0	0	0
16	0,2	TERMN	LinStatic	-3,437	-0,036	0	0	0
16	0	GRADTP	LinStatic	-5,524	-0,024	0	0	0
16	0,2	GRADTP	LinStatic	-5,524	-0,024	0	0	0
16	0	GRADTN	LinStatic	5,524	0,024	0	0	0
16	0,2	GRADTN	LinStatic	5,524	0,024	0	0	0
16	0	LM71C	LinStatic	3,021	-42,672	0	0	0
16	0,2	LM71C	LinStatic	3,021	-42,672	0	0	0
16	0	STLM71	LinStatic	-13,891	90,689	0	0	0
16	0,2	STLM71	LinStatic	-13,891	90,689	0	0	0
16	0	AVVLM71	LinStatic	7,133	55,594	0	0	0
16	0,2	AVVLM71	LinStatic	7,133	55,594	0	0	0
16	0	SW2	LinStatic	2,517	-35,553	0	0	0
16	0,2	SW2	LinStatic	2,517	-35,553	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
16	0	STSW2	LinStatic	-11,574	75,56	0	0	0
16	0,2	STSW2	LinStatic	-11,574	75,56	0	0	0
16	0	FRENSW2	LinStatic	7,567	58,977	0	0	0
16	0,2	FRENSW2	LinStatic	7,567	58,977	0	0	0
16	0	INCRTER	LinStatic	-31,781	207,487	0	0	0
16	0,2	INCRTER	LinStatic	-31,781	207,487	0	0	0
16	0	LM71SISO	LinStatic	2,695	21,005	0	0	0
16	0,2	LM71SISO	LinStatic	2,695	21,005	0	0	0
16	0	SW2SISO	LinStatic	2,247	17,513	0	0	0
16	0,2	SW2SISO	LinStatic	2,247	17,513	0	0	0
16	0	SISMAO	LinStatic	16,096	99,282	0	0	0
16	0,2	SISMAO	LinStatic	16,096	99,282	0	0	0
16	0	LM71SVA	LinStatic	-0,094	1,325	0	0	0
16	0,2	LM71SVA	LinStatic	-0,094	1,325	0	0	0
16	0	SW2SVA	LinStatic	-0,078	1,103	0	0	0
16	0,2	SW2SVA	LinStatic	-0,078	1,103	0	0	0
16	0	SISMAVA	LinStatic	0,651	8,937	0	0	0
16	0,2	SISMAVA	LinStatic	0,651	8,937	0	0	0
16	0	LM71SVB	LinStatic	0,094	-1,325	0	0	0
16	0,2	LM71SVB	LinStatic	0,094	-1,325	0	0	0
16	0	SW2SVB	LinStatic	0,078	-1,103	0	0	0
16	0,2	SW2SVB	LinStatic	0,078	-1,103	0	0	0
16	0	SISMAVB	LinStatic	-0,651	-8,937	0	0	0
16	0,2	SISMAVB	LinStatic	-0,651	-8,937	0	0	0
17	0	PP	LinStatic	-5,5	-51,846	0	0	0
17	0,2	PP	LinStatic	-5,5	-48,347	0	0	0
17	0	REINTSUP	LinStatic	0,613	-11,141	0	0	0
17	0,2	REINTSUP	LinStatic	0,613	-11,141	0	0	0
17	0	BALLAST	LinStatic	0,707	-12,855	0	0	0
17	0,2	BALLAST	LinStatic	0,707	-12,855	0	0	0
17	0	STERRASX	LinStatic	-30,607	127,352	0	0	0
17	0,2	STERRASX	LinStatic	-30,607	127,352	0	0	0
17	0	STERRADX	LinStatic	-129,212	-127,733	0	0	0
17	0,2	STERRADX	LinStatic	-129,212	-127,733	0	0	0
17	0	TERMP	LinStatic	1,146	0,015	0	0	0
17	0,2	TERMP	LinStatic	1,146	0,015	0	0	0
17	0	TERMN	LinStatic	-3,437	-0,044	0	0	0
17	0,2	TERMN	LinStatic	-3,437	-0,044	0	0	0
17	0	GRADTP	LinStatic	-5,524	-0,029	0	0	0
17	0,2	GRADTP	LinStatic	-5,524	-0,029	0	0	0
17	0	GRADTN	LinStatic	5,524	0,029	0	0	0
17	0,2	GRADTN	LinStatic	5,524	0,029	0	0	0
17	0	LM71C	LinStatic	3,021	-54,9	0	0	0
17	0,2	LM71C	LinStatic	3,021	-54,9	0	0	0
17	0	STLM71	LinStatic	-8,144	82,527	0	0	0
17	0,2	STLM71	LinStatic	-8,144	82,527	0	0	0
17	0	AVVLM71	LinStatic	9,171	49,813	0	0	0
17	0,2	AVVLM71	LinStatic	9,171	49,813	0	0	0
17	0	SW2	LinStatic	2,517	-45,741	0	0	0
17	0,2	SW2	LinStatic	2,517	-45,741	0	0	0
17	0	STSW2	LinStatic	-6,786	68,759	0	0	0
17	0,2	STSW2	LinStatic	-6,786	68,759	0	0	0
17	0	FRENSW2	LinStatic	9,729	52,844	0	0	0
17	0,2	FRENSW2	LinStatic	9,729	52,844	0	0	0
17	0	INCRTER	LinStatic	-18,634	188,813	0	0	0
17	0,2	INCRTER	LinStatic	-18,634	188,813	0	0	0
17	0	LM71SISO	LinStatic	3,465	18,82	0	0	0
17	0,2	LM71SISO	LinStatic	3,465	18,82	0	0	0
17	0	SW2SISO	LinStatic	2,889	15,692	0	0	0
17	0,2	SW2SISO	LinStatic	2,889	15,692	0	0	0
17	0	SISMAO	LinStatic	20,695	89,47	0	0	0
17	0,2	SISMAO	LinStatic	20,695	89,47	0	0	0
17	0	LM71SVA	LinStatic	-0,094	1,705	0	0	0
17	0,2	LM71SVA	LinStatic	-0,094	1,705	0	0	0
17	0	SW2SVA	LinStatic	-0,078	1,419	0	0	0
17	0,2	SW2SVA	LinStatic	-0,078	1,419	0	0	0
17	0	SISMAVA	LinStatic	0,651	11,497	0	0	0
17	0,2	SISMAVA	LinStatic	0,651	11,497	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
17	0	LM71SVB	LinStatic	0,094	-1,705	0	0	0
17	0,2	LM71SVB	LinStatic	0,094	-1,705	0	0	0
17	0	SW2SVB	LinStatic	0,078	-1,419	0	0	0
17	0,2	SW2SVB	LinStatic	0,078	-1,419	0	0	0
17	0	SISMAVB	LinStatic	-0,651	-11,496	0	0	0
17	0,2	SISMAVB	LinStatic	-0,651	-11,496	0	0	0
18	0	PP	LinStatic	-5,5	-63,023	0	0	0
18	0,2	PP	LinStatic	-5,5	-59,524	0	0	0
18	0	REINTSUP	LinStatic	0,613	-13,627	0	0	0
18	0,2	REINTSUP	LinStatic	0,613	-13,627	0	0	0
18	0	BALLAST	LinStatic	0,707	-15,724	0	0	0
18	0,2	BALLAST	LinStatic	0,707	-15,724	0	0	0
18	0	STERRASX	LinStatic	-19,651	112,254	0	0	0
18	0,2	STERRASX	LinStatic	-19,651	112,254	0	0	0
18	0	STERRADX	LinStatic	-140,168	-112,678	0	0	0
18	0,2	STERRADX	LinStatic	-140,168	-112,678	0	0	0
18	0	TERMP	LinStatic	1,146	0,016	0	0	0
18	0,2	TERMP	LinStatic	1,146	0,016	0	0	0
18	0	TERMN	LinStatic	-3,437	-0,049	0	0	0
18	0,2	TERMN	LinStatic	-3,437	-0,049	0	0	0
18	0	GRADTP	LinStatic	-5,524	-0,032	0	0	0
18	0,2	GRADTP	LinStatic	-5,524	-0,032	0	0	0
18	0	GRADTN	LinStatic	5,524	0,032	0	0	0
18	0,2	GRADTN	LinStatic	5,524	0,032	0	0	0
18	0	LM71C	LinStatic	3,021	-67,153	0	0	0
18	0,2	LM71C	LinStatic	3,021	-67,153	0	0	0
18	0	STLM71	LinStatic	-2,398	72,326	0	0	0
18	0,2	STLM71	LinStatic	-2,398	72,326	0	0	0
18	0	AVVLM71	LinStatic	11,209	42,582	0	0	0
18	0,2	AVVLM71	LinStatic	11,209	42,582	0	0	0
18	0	SW2	LinStatic	2,517	-55,95	0	0	0
18	0,2	SW2	LinStatic	2,517	-55,95	0	0	0
18	0	STSW2	LinStatic	-1,998	60,26	0	0	0
18	0,2	STSW2	LinStatic	-1,998	60,26	0	0	0
18	0	FRENSW2	LinStatic	11,891	45,172	0	0	0
18	0,2	FRENSW2	LinStatic	11,891	45,172	0	0	0
18	0	INCRTER	LinStatic	-5,486	165,475	0	0	0
18	0,2	INCRTER	LinStatic	-5,486	165,475	0	0	0
18	0	LM71SISO	LinStatic	4,235	16,088	0	0	0
18	0,2	LM71SISO	LinStatic	4,235	16,088	0	0	0
18	0	SW2SISO	LinStatic	3,531	13,414	0	0	0
18	0,2	SW2SISO	LinStatic	3,531	13,414	0	0	0
18	0	SISMAO	LinStatic	25,294	77,197	0	0	0
18	0,2	SISMAO	LinStatic	25,294	77,197	0	0	0
18	0	LM71SVA	LinStatic	-0,094	2,086	0	0	0
18	0,2	LM71SVA	LinStatic	-0,094	2,086	0	0	0
18	0	SW2SVA	LinStatic	-0,078	1,736	0	0	0
18	0,2	SW2SVA	LinStatic	-0,078	1,736	0	0	0
18	0	SISMAVA	LinStatic	0,651	14,061	0	0	0
18	0,2	SISMAVA	LinStatic	0,651	14,061	0	0	0
18	0	LM71SVB	LinStatic	0,094	-2,086	0	0	0
18	0,2	LM71SVB	LinStatic	0,094	-2,086	0	0	0
18	0	SW2SVB	LinStatic	0,078	-1,736	0	0	0
18	0,2	SW2SVB	LinStatic	0,078	-1,736	0	0	0
18	0	SISMAVB	LinStatic	-0,651	-14,06	0	0	0
18	0,2	SISMAVB	LinStatic	-0,651	-14,06	0	0	0
19	0	PP	LinStatic	-5,5	-74,225	0	0	0
19	0,2	PP	LinStatic	-5,5	-70,726	0	0	0
19	0	REINTSUP	LinStatic	0,613	-16,12	0	0	0
19	0,2	REINTSUP	LinStatic	0,613	-16,12	0	0	0
19	0	BALLAST	LinStatic	0,707	-18,6	0	0	0
19	0,2	BALLAST	LinStatic	0,707	-18,6	0	0	0
19	0	STERRASX	LinStatic	-8,695	94,138	0	0	0
19	0,2	STERRASX	LinStatic	-8,695	94,138	0	0	0
19	0	STERRADX	LinStatic	-151,125	-94,58	0	0	0
19	0,2	STERRADX	LinStatic	-151,125	-94,58	0	0	0
19	0	TERMP	LinStatic	1,146	0,017	0	0	0
19	0,2	TERMP	LinStatic	1,146	0,017	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
19	0	TERMN	LinStatic	-3,437	-0,051	0	0	0
19	0,2	TERMN	LinStatic	-3,437	-0,051	0	0	0
19	0	GRADTP	LinStatic	-5,524	-0,034	0	0	0
19	0,2	GRADTP	LinStatic	-5,524	-0,034	0	0	0
19	0	GRADTN	LinStatic	5,524	0,034	0	0	0
19	0,2	GRADTN	LinStatic	5,524	0,034	0	0	0
19	0	LM71C	LinStatic	3,021	-79,438	0	0	0
19	0,2	LM71C	LinStatic	3,021	-79,438	0	0	0
19	0	STLM71	LinStatic	3,349	60,083	0	0	0
19	0,2	STLM71	LinStatic	3,349	60,083	0	0	0
19	0	AVVLM71	LinStatic	13,247	33,898	0	0	0
19	0,2	AVVLM71	LinStatic	13,247	33,898	0	0	0
19	0	SW2	LinStatic	2,517	-66,186	0	0	0
19	0,2	SW2	LinStatic	2,517	-66,186	0	0	0
19	0	STSW2	LinStatic	2,79	50,06	0	0	0
19	0,2	STSW2	LinStatic	2,79	50,06	0	0	0
19	0	FRENSW2	LinStatic	14,053	35,96	0	0	0
19	0,2	FRENSW2	LinStatic	14,053	35,96	0	0	0
19	0	INCRTER	LinStatic	7,661	137,464	0	0	0
19	0,2	INCRTER	LinStatic	7,661	137,464	0	0	0
19	0	LM71SISO	LinStatic	5,005	12,807	0	0	0
19	0,2	LM71SISO	LinStatic	5,005	12,807	0	0	0
19	0	SW2SISO	LinStatic	4,173	10,678	0	0	0
19	0,2	SW2SISO	LinStatic	4,173	10,678	0	0	0
19	0	SISMAO	LinStatic	29,893	62,458	0	0	0
19	0,2	SISMAO	LinStatic	29,893	62,458	0	0	0
19	0	LM71SVA	LinStatic	-0,094	2,467	0	0	0
19	0,2	LM71SVA	LinStatic	-0,094	2,467	0	0	0
19	0	SW2SVA	LinStatic	-0,078	2,054	0	0	0
19	0,2	SW2SVA	LinStatic	-0,078	2,054	0	0	0
19	0	SISMAVA	LinStatic	0,651	16,632	0	0	0
19	0,2	SISMAVA	LinStatic	0,651	16,632	0	0	0
19	0	LM71SVB	LinStatic	0,094	-2,467	0	0	0
19	0,2	LM71SVB	LinStatic	0,094	-2,467	0	0	0
19	0	SW2SVB	LinStatic	0,078	-2,054	0	0	0
19	0,2	SW2SVB	LinStatic	0,078	-2,054	0	0	0
19	0	SISMAVB	LinStatic	-0,651	-16,63	0	0	0
19	0,2	SISMAVB	LinStatic	-0,651	-16,63	0	0	0
20	0	PP	LinStatic	-5,5	-85,456	0	0	0
20	0,2	PP	LinStatic	-5,5	-81,957	0	0	0
20	0	REINTSUP	LinStatic	0,613	-18,62	0	0	0
20	0,2	REINTSUP	LinStatic	0,613	-18,62	0	0	0
20	0	BALLAST	LinStatic	0,707	-21,485	0	0	0
20	0,2	BALLAST	LinStatic	0,707	-21,485	0	0	0
20	0	STERRASX	LinStatic	2,261	72,997	0	0	0
20	0,2	STERRASX	LinStatic	2,261	72,997	0	0	0
20	0	STERRADX	LinStatic	-162,082	-73,429	0	0	0
20	0,2	STERRADX	LinStatic	-162,082	-73,429	0	0	0
20	0	TERMP	LinStatic	1,146	0,017	0	0	0
20	0,2	TERMP	LinStatic	1,146	0,017	0	0	0
20	0	TERMN	LinStatic	-3,437	-0,05	0	0	0
20	0,2	TERMN	LinStatic	-3,437	-0,05	0	0	0
20	0	GRADTP	LinStatic	-5,524	-0,033	0	0	0
20	0,2	GRADTP	LinStatic	-5,524	-0,033	0	0	0
20	0	GRADTN	LinStatic	5,524	0,033	0	0	0
20	0,2	GRADTN	LinStatic	5,524	0,033	0	0	0
20	0	LM71C	LinStatic	3,021	-91,758	0	0	0
20	0,2	LM71C	LinStatic	3,021	-91,758	0	0	0
20	0	STLM71	LinStatic	9,095	45,794	0	0	0
20	0,2	STLM71	LinStatic	9,095	45,794	0	0	0
20	0	AVVLM71	LinStatic	15,285	23,758	0	0	0
20	0,2	AVVLM71	LinStatic	15,285	23,758	0	0	0
20	0	SW2	LinStatic	2,517	-76,45	0	0	0
20	0,2	SW2	LinStatic	2,517	-76,45	0	0	0
20	0	STSW2	LinStatic	7,578	38,155	0	0	0
20	0,2	STSW2	LinStatic	7,578	38,155	0	0	0
20	0	FRENSW2	LinStatic	16,215	25,204	0	0	0
20	0,2	FRENSW2	LinStatic	16,215	25,204	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
20	0	INCRTER	LinStatic	20,809	104,772	0	0	0
20	0,2	INCRTER	LinStatic	20,809	104,772	0	0	0
20	0	LM71SISO	LinStatic	5,775	8,976	0	0	0
20	0,2	LM71SISO	LinStatic	5,775	8,976	0	0	0
20	0	SW2SISO	LinStatic	4,815	7,484	0	0	0
20	0,2	SW2SISO	LinStatic	4,815	7,484	0	0	0
20	0	SISMAO	LinStatic	34,492	45,248	0	0	0
20	0,2	SISMAO	LinStatic	34,492	45,248	0	0	0
20	0	LM71SVA	LinStatic	-0,094	2,85	0	0	0
20	0,2	LM71SVA	LinStatic	-0,094	2,85	0	0	0
20	0	SW2SVA	LinStatic	-0,078	2,372	0	0	0
20	0,2	SW2SVA	LinStatic	-0,078	2,372	0	0	0
20	0	SISMAVA	LinStatic	0,651	19,209	0	0	0
20	0,2	SISMAVA	LinStatic	0,651	19,209	0	0	0
20	0	LM71SVB	LinStatic	0,094	-2,85	0	0	0
20	0,2	LM71SVB	LinStatic	0,094	-2,85	0	0	0
20	0	SW2SVB	LinStatic	0,078	-2,372	0	0	0
20	0,2	SW2SVB	LinStatic	0,078	-2,372	0	0	0
20	0	SISMAVB	LinStatic	-0,651	-19,207	0	0	0
20	0,2	SISMAVB	LinStatic	-0,651	-19,207	0	0	0
21	0	PP	LinStatic	-5,5	-96,718	0	0	0
21	0,2	PP	LinStatic	-5,5	-93,219	0	0	0
21	0	REINTSUP	LinStatic	0,613	-21,128	0	0	0
21	0,2	REINTSUP	LinStatic	0,613	-21,128	0	0	0
21	0	BALLAST	LinStatic	0,707	-24,378	0	0	0
21	0,2	BALLAST	LinStatic	0,707	-24,378	0	0	0
21	0	STERRASX	LinStatic	13,217	48,826	0	0	0
21	0,2	STERRASX	LinStatic	13,217	48,826	0	0	0
21	0	STERRADX	LinStatic	-173,039	-49,214	0	0	0
21	0,2	STERRADX	LinStatic	-173,039	-49,214	0	0	0
21	0	TERMP	LinStatic	1,146	0,015	0	0	0
21	0,2	TERMP	LinStatic	1,146	0,015	0	0	0
21	0	TERMN	LinStatic	-3,437	-0,045	0	0	0
21	0,2	TERMN	LinStatic	-3,437	-0,045	0	0	0
21	0	GRADTP	LinStatic	-5,524	-0,03	0	0	0
21	0,2	GRADTP	LinStatic	-5,524	-0,03	0	0	0
21	0	GRADTN	LinStatic	5,524	0,03	0	0	0
21	0,2	GRADTN	LinStatic	5,524	0,03	0	0	0
21	0	LM71C	LinStatic	3,021	-104,116	0	0	0
21	0,2	LM71C	LinStatic	3,021	-104,116	0	0	0
21	0	STLM71	LinStatic	14,842	29,455	0	0	0
21	0,2	STLM71	LinStatic	14,842	29,455	0	0	0
21	0	AVVLM71	LinStatic	17,323	12,159	0	0	0
21	0,2	AVVLM71	LinStatic	17,323	12,159	0	0	0
21	0	SW2	LinStatic	2,517	-86,747	0	0	0
21	0,2	SW2	LinStatic	2,517	-86,747	0	0	0
21	0	STSW2	LinStatic	12,366	24,541	0	0	0
21	0,2	STSW2	LinStatic	12,366	24,541	0	0	0
21	0	FRENSW2	LinStatic	18,377	12,899	0	0	0
21	0,2	FRENSW2	LinStatic	18,377	12,899	0	0	0
21	0	INCRTER	LinStatic	33,956	67,389	0	0	0
21	0,2	INCRTER	LinStatic	33,956	67,389	0	0	0
21	0	LM71SISO	LinStatic	6,545	4,594	0	0	0
21	0,2	LM71SISO	LinStatic	6,545	4,594	0	0	0
21	0	SW2SISO	LinStatic	5,457	3,83	0	0	0
21	0,2	SW2SISO	LinStatic	5,457	3,83	0	0	0
21	0	SISMAO	LinStatic	39,091	25,56	0	0	0
21	0,2	SISMAO	LinStatic	39,091	25,56	0	0	0
21	0	LM71SVA	LinStatic	-0,094	3,234	0	0	0
21	0,2	LM71SVA	LinStatic	-0,094	3,234	0	0	0
21	0	SW2SVA	LinStatic	-0,078	2,692	0	0	0
21	0,2	SW2SVA	LinStatic	-0,078	2,692	0	0	0
21	0	SISMAVA	LinStatic	0,651	21,793	0	0	0
21	0,2	SISMAVA	LinStatic	0,651	21,793	0	0	0
21	0	LM71SVB	LinStatic	0,094	-3,234	0	0	0
21	0,2	LM71SVB	LinStatic	0,094	-3,234	0	0	0
21	0	SW2SVB	LinStatic	0,078	-2,692	0	0	0
21	0,2	SW2SVB	LinStatic	0,078	-2,692	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
21	0	SISMAVB	LinStatic	-0,651	-21,791	0	0	0
21	0,2	SISMAVB	LinStatic	-0,651	-21,791	0	0	0
22	0	PP	LinStatic	-5,5	-108,013	0	0	0
22	0,2	PP	LinStatic	-5,5	-104,514	0	0	0
22	0	REINTSUP	LinStatic	0,613	-23,644	0	0	0
22	0,2	REINTSUP	LinStatic	0,613	-23,644	0	0	0
22	0	BALLAST	LinStatic	0,707	-27,282	0	0	0
22	0,2	BALLAST	LinStatic	0,707	-27,282	0	0	0
22	0	STERRASX	LinStatic	24,172	21,618	0	0	0
22	0,2	STERRASX	LinStatic	24,172	21,618	0	0	0
22	0	STERRADX	LinStatic	-183,996	-21,922	0	0	0
22	0,2	STERRADX	LinStatic	-183,996	-21,922	0	0	0
22	0	TERMP	LinStatic	1,146	0,012	0	0	0
22	0,2	TERMP	LinStatic	1,146	0,012	0	0	0
22	0	TERMN	LinStatic	-3,437	-0,035	0	0	0
22	0,2	TERMN	LinStatic	-3,437	-0,035	0	0	0
22	0	GRADTP	LinStatic	-5,524	-0,023	0	0	0
22	0,2	GRADTP	LinStatic	-5,524	-0,023	0	0	0
22	0	GRADTN	LinStatic	5,524	0,023	0	0	0
22	0,2	GRADTN	LinStatic	5,524	0,023	0	0	0
22	0	LM71C	LinStatic	3,021	-116,516	0	0	0
22	0,2	LM71C	LinStatic	3,021	-116,516	0	0	0
22	0	STLM71	LinStatic	20,588	11,059	0	0	0
22	0,2	STLM71	LinStatic	20,588	11,059	0	0	0
22	0	AVVLM71	LinStatic	19,361	-0,902	0	0	0
22	0,2	AVVLM71	LinStatic	19,361	-0,902	0	0	0
22	0	SW2	LinStatic	2,517	-97,078	0	0	0
22	0,2	SW2	LinStatic	2,517	-97,078	0	0	0
22	0	STSW2	LinStatic	17,153	9,214	0	0	0
22	0,2	STSW2	LinStatic	17,153	9,214	0	0	0
22	0	FRENSW2	LinStatic	20,539	-0,957	0	0	0
22	0,2	FRENSW2	LinStatic	20,539	-0,957	0	0	0
22	0	INCRTER	LinStatic	47,103	25,302	0	0	0
22	0,2	INCRTER	LinStatic	47,103	25,302	0	0	0
22	0	LM71SISO	LinStatic	7,315	-0,341	0	0	0
22	0,2	LM71SISO	LinStatic	7,315	-0,341	0	0	0
22	0	SW2SISO	LinStatic	6,099	-0,284	0	0	0
22	0,2	SW2SISO	LinStatic	6,099	-0,284	0	0	0
22	0	SISMAO	LinStatic	43,69	3,388	0	0	0
22	0,2	SISMAO	LinStatic	43,69	3,388	0	0	0
22	0	LM71SVA	LinStatic	-0,094	3,619	0	0	0
22	0,2	LM71SVA	LinStatic	-0,094	3,619	0	0	0
22	0	SW2SVA	LinStatic	-0,078	3,012	0	0	0
22	0,2	SW2SVA	LinStatic	-0,078	3,012	0	0	0
22	0	SISMAVA	LinStatic	0,651	24,386	0	0	0
22	0,2	SISMAVA	LinStatic	0,651	24,386	0	0	0
22	0	LM71SVB	LinStatic	0,094	-3,619	0	0	0
22	0,2	LM71SVB	LinStatic	0,094	-3,619	0	0	0
22	0	SW2SVB	LinStatic	0,078	-3,012	0	0	0
22	0,2	SW2SVB	LinStatic	0,078	-3,012	0	0	0
22	0	SISMAVB	LinStatic	-0,651	-24,382	0	0	0
22	0,2	SISMAVB	LinStatic	-0,651	-24,382	0	0	0
23	0	PP	LinStatic	-5,5	-117,489	0	0	0
23	0,15	PP	LinStatic	-5,5	-114,865	0	0	0
23	0	REINTSUP	LinStatic	0,613	-25,853	0	0	0
23	0,15	REINTSUP	LinStatic	0,613	-25,853	0	0	0
23	0	BALLAST	LinStatic	0,707	-29,831	0	0	0
23	0,15	BALLAST	LinStatic	0,707	-29,831	0	0	0
23	0	STERRASX	LinStatic	33,759	-4,855	0	0	0
23	0,15	STERRASX	LinStatic	33,759	-4,855	0	0	0
23	0	STERRADX	LinStatic	-193,583	4,66	0	0	0
23	0,15	STERRADX	LinStatic	-193,583	4,66	0	0	0
23	0	TERMP	LinStatic	1,146	0,007466	0	0	0
23	0,15	TERMP	LinStatic	1,146	0,007466	0	0	0
23	0	TERMN	LinStatic	-3,437	-0,022	0	0	0
23	0,15	TERMN	LinStatic	-3,437	-0,022	0	0	0
23	0	GRADTP	LinStatic	-5,524	-0,015	0	0	0
23	0,15	GRADTP	LinStatic	-5,524	-0,015	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
23	0	GRADTN	LinStatic	5,524	0,015	0	0	0
23	0,15	GRADTN	LinStatic	5,524	0,015	0	0	0
23	0	LM71C	LinStatic	3,021	-127,403	0	0	0
23	0,15	LM71C	LinStatic	3,021	-127,403	0	0	0
23	0	STLM71	LinStatic	25,616	-6,841	0	0	0
23	0,15	STLM71	LinStatic	25,616	-6,841	0	0	0
23	0	AVVLM71	LinStatic	21,144	-13,615	0	0	0
23	0,15	AVVLM71	LinStatic	21,144	-13,615	0	0	0
23	0	SW2	LinStatic	2,517	-106,148	0	0	0
23	0,15	SW2	LinStatic	2,517	-106,148	0	0	0
23	0	STSW2	LinStatic	21,343	-5,7	0	0	0
23	0,15	STSW2	LinStatic	21,343	-5,7	0	0	0
23	0	FRENSW2	LinStatic	22,431	-14,443	0	0	0
23	0,15	FRENSW2	LinStatic	22,431	-14,443	0	0	0
23	0	INCRTER	LinStatic	58,607	-15,651	0	0	0
23	0,15	INCRTER	LinStatic	58,607	-15,651	0	0	0
23	0	LM71SISO	LinStatic	7,989	-5,144	0	0	0
23	0,15	LM71SISO	LinStatic	7,989	-5,144	0	0	0
23	0	SW2SISO	LinStatic	6,661	-4,289	0	0	0
23	0,15	SW2SISO	LinStatic	6,661	-4,289	0	0	0
23	0	SISMAO	LinStatic	47,714	-18,193	0	0	0
23	0,15	SISMAO	LinStatic	47,714	-18,193	0	0	0
23	0	LM71SVA	LinStatic	-0,094	3,957	0	0	0
23	0,15	LM71SVA	LinStatic	-0,094	3,957	0	0	0
23	0	SW2SVA	LinStatic	-0,078	3,294	0	0	0
23	0,15	SW2SVA	LinStatic	-0,078	3,294	0	0	0
23	0	SISMAVA	LinStatic	0,651	26,661	0	0	0
23	0,15	SISMAVA	LinStatic	0,651	26,661	0	0	0
23	0	LM71SVB	LinStatic	0,094	-3,957	0	0	0
23	0,15	LM71SVB	LinStatic	0,094	-3,957	0	0	0
23	0	SW2SVB	LinStatic	0,078	-3,294	0	0	0
23	0,15	SW2SVB	LinStatic	0,078	-3,294	0	0	0
23	0	SISMAVB	LinStatic	-0,651	-26,657	0	0	0
23	0,15	SISMAVB	LinStatic	-0,651	-26,657	0	0	0
24	0	PP	LinStatic	-5,5	-126,006	0	0	0
24	0,15	PP	LinStatic	-5,5	-123,382	0	0	0
24	0	REINTSUP	LinStatic	0,613	-27,752	0	0	0
24	0,15	REINTSUP	LinStatic	0,613	-27,752	0	0	0
24	0	BALLAST	LinStatic	0,707	-32,022	0	0	0
24	0,15	BALLAST	LinStatic	0,707	-32,022	0	0	0
24	0	STERRASX	LinStatic	41,976	-29,263	0	0	0
24	0,15	STERRASX	LinStatic	41,976	-29,263	0	0	0
24	0	STERRADX	LinStatic	-201,802	29,188	0	0	0
24	0,15	STERRADX	LinStatic	-201,802	29,188	0	0	0
24	0	TERMP	LinStatic	1,146	0,002849	0	0	0
24	0,15	TERMP	LinStatic	1,146	0,002849	0	0	0
24	0	TERMN	LinStatic	-3,437	-0,008548	0	0	0
24	0,15	TERMN	LinStatic	-3,437	-0,008548	0	0	0
24	0	GRADTP	LinStatic	-5,524	-0,005668	0	0	0
24	0,15	GRADTP	LinStatic	-5,524	-0,005668	0	0	0
24	0	GRADTN	LinStatic	5,524	0,005668	0	0	0
24	0,15	GRADTN	LinStatic	5,524	0,005668	0	0	0
24	0	LM71C	LinStatic	3,021	-136,76	0	0	0
24	0,15	LM71C	LinStatic	3,021	-136,76	0	0	0
24	0	STLM71	LinStatic	29,926	-23,346	0	0	0
24	0,15	STLM71	LinStatic	29,926	-23,346	0	0	0
24	0	AVVLM71	LinStatic	22,673	-25,339	0	0	0
24	0,15	AVVLM71	LinStatic	22,673	-25,339	0	0	0
24	0	SW2	LinStatic	2,517	-113,944	0	0	0
24	0,15	SW2	LinStatic	2,517	-113,944	0	0	0
24	0	STSW2	LinStatic	24,934	-19,451	0	0	0
24	0,15	STSW2	LinStatic	24,934	-19,451	0	0	0
24	0	FRENSW2	LinStatic	24,052	-26,88	0	0	0
24	0,15	FRENSW2	LinStatic	24,052	-26,88	0	0	0
24	0	INCRTER	LinStatic	68,468	-53,412	0	0	0
24	0,15	INCRTER	LinStatic	68,468	-53,412	0	0	0
24	0	LM71SISO	LinStatic	8,566	-9,574	0	0	0
24	0,15	LM71SISO	LinStatic	8,566	-9,574	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
24	0	SW2SISO	LinStatic	7,142	-7,982	0	0	0
24	0,15	SW2SISO	LinStatic	7,142	-7,982	0	0	0
24	0	SISMAO	LinStatic	51,163	-38,096	0	0	0
24	0,15	SISMAO	LinStatic	51,163	-38,096	0	0	0
24	0	LM71SVA	LinStatic	-0,094	4,247	0	0	0
24	0,15	LM71SVA	LinStatic	-0,094	4,247	0	0	0
24	0	SW2SVA	LinStatic	-0,078	3,536	0	0	0
24	0,15	SW2SVA	LinStatic	-0,078	3,536	0	0	0
24	0	SISMAVA	LinStatic	0,651	28,616	0	0	0
24	0,15	SISMAVA	LinStatic	0,651	28,616	0	0	0
24	0	LM71SVB	LinStatic	0,094	-4,247	0	0	0
24	0,15	LM71SVB	LinStatic	0,094	-4,247	0	0	0
24	0	SW2SVB	LinStatic	0,078	-3,536	0	0	0
24	0,15	SW2SVB	LinStatic	0,078	-3,536	0	0	0
24	0	SISMAVB	LinStatic	-0,651	-28,611	0	0	0
24	0,15	SISMAVB	LinStatic	-0,651	-28,611	0	0	0
25	0	PP	LinStatic	-128,962	5,5	0	0	0
25	0,0875	PP	LinStatic	-127,65	5,5	0	0	0
25	0,175	PP	LinStatic	-126,338	5,5	0	0	0
25	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
25	0,0875	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
25	0,175	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
25	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
25	0,0875	BALLAST	LinStatic	-33,12	-0,707	0	0	0
25	0,175	BALLAST	LinStatic	-33,12	-0,707	0	0	0
25	0	STERRASX	LinStatic	42,327	205,911	0	0	0
25	0,0875	STERRASX	LinStatic	42,327	200,093	0	0	0
25	0,175	STERRASX	LinStatic	42,327	194,341	0	0	0
25	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
25	0,0875	STERRADX	LinStatic	-42,327	-46,084	0	0	0
25	0,175	STERRADX	LinStatic	-42,327	-46,084	0	0	0
25	0	TERMP	LinStatic	-5,684E-13	-1,146	0	0	0
25	0,0875	TERMP	LinStatic	-5,684E-13	-1,146	0	0	0
25	0,175	TERMP	LinStatic	-5,684E-13	-1,146	0	0	0
25	0	TERMN	LinStatic	2,274E-12	3,437	0	0	0
25	0,0875	TERMN	LinStatic	2,274E-12	3,437	0	0	0
25	0,175	TERMN	LinStatic	2,274E-12	3,437	0	0	0
25	0	GRADTP	LinStatic	4,547E-13	5,524	0	0	0
25	0,0875	GRADTP	LinStatic	4,547E-13	5,524	0	0	0
25	0,175	GRADTP	LinStatic	4,547E-13	5,524	0	0	0
25	0	GRADTN	LinStatic	-4,547E-13	-5,524	0	0	0
25	0,0875	GRADTN	LinStatic	-4,547E-13	-5,524	0	0	0
25	0,175	GRADTN	LinStatic	-4,547E-13	-5,524	0	0	0
25	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
25	0,0875	LM71C	LinStatic	-141,45	-3,021	0	0	0
25	0,175	LM71C	LinStatic	-141,45	-3,021	0	0	0
25	0	STLM71	LinStatic	32,18	100,093	0	0	0
25	0,0875	STLM71	LinStatic	32,18	98,257	0	0	0
25	0,175	STLM71	LinStatic	32,18	96,421	0	0	0
25	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
25	0,0875	AVVLM71	LinStatic	31,615	23,437	0	0	0
25	0,175	AVVLM71	LinStatic	31,615	23,437	0	0	0
25	0	SW2	LinStatic	-117,852	-2,517	0	0	0
25	0,0875	SW2	LinStatic	-117,852	-2,517	0	0	0
25	0,175	SW2	LinStatic	-117,852	-2,517	0	0	0
25	0	STSW2	LinStatic	26,812	83,395	0	0	0
25	0,0875	STSW2	LinStatic	26,812	81,865	0	0	0
25	0,175	STSW2	LinStatic	26,812	80,336	0	0	0
25	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
25	0,0875	FRENSW2	LinStatic	33,539	24,863	0	0	0
25	0,175	FRENSW2	LinStatic	33,539	24,863	0	0	0
25	0	INCRTER	LinStatic	73,625	229,002	0	0	0
25	0,0875	INCRTER	LinStatic	73,625	224,802	0	0	0
25	0,175	INCRTER	LinStatic	73,625	220,602	0	0	0
25	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
25	0,0875	LM71SISO	LinStatic	11,945	8,855	0	0	0
25	0,175	LM71SISO	LinStatic	11,945	8,855	0	0	0
25	0	SW2SISO	LinStatic	9,959	7,383	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
25	0,0875	SW2SISO	LinStatic	9,959	7,383	0	0	0
25	0,175	SW2SISO	LinStatic	9,959	7,383	0	0	0
25	0	SISMAO	LinStatic	48,751	52,888	0	0	0
25	0,0875	SISMAO	LinStatic	48,751	52,524	0	0	0
25	0,175	SISMAO	LinStatic	48,751	52,16	0	0	0
25	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
25	0,0875	LM71SVA	LinStatic	4,393	0,094	0	0	0
25	0,175	LM71SVA	LinStatic	4,393	0,094	0	0	0
25	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
25	0,0875	SW2SVA	LinStatic	3,657	0,078	0	0	0
25	0,175	SW2SVA	LinStatic	3,657	0,078	0	0	0
25	0	SISMAVA	LinStatic	29,606	-0,651	0	0	0
25	0,0875	SISMAVA	LinStatic	29,402	-0,651	0	0	0
25	0,175	SISMAVA	LinStatic	29,198	-0,651	0	0	0
25	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
25	0,0875	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
25	0,175	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
25	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
25	0,0875	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
25	0,175	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
25	0	SISMAVB	LinStatic	-29,605	0,651	0	0	0
25	0,0875	SISMAVB	LinStatic	-29,402	0,651	0	0	0
25	0,175	SISMAVB	LinStatic	-29,198	0,651	0	0	0
26	0	PP	LinStatic	-128,962	-5,5	0	0	0
26	0,0875	PP	LinStatic	-127,65	-5,5	0	0	0
26	0,175	PP	LinStatic	-126,338	-5,5	0	0	0
26	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
26	0,0875	REINTSUP	LinStatic	-28,704	0,613	0	0	0
26	0,175	REINTSUP	LinStatic	-28,704	0,613	0	0	0
26	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
26	0,0875	BALLAST	LinStatic	-33,12	0,707	0	0	0
26	0,175	BALLAST	LinStatic	-33,12	0,707	0	0	0
26	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
26	0,0875	STERRASX	LinStatic	-42,327	46,084	0	0	0
26	0,175	STERRASX	LinStatic	-42,327	46,084	0	0	0
26	0	STERRADX	LinStatic	42,327	-205,911	0	0	0
26	0,0875	STERRADX	LinStatic	42,327	-200,093	0	0	0
26	0,175	STERRADX	LinStatic	42,327	-194,341	0	0	0
26	0	TERMP	LinStatic	6,821E-13	1,146	0	0	0
26	0,0875	TERMP	LinStatic	6,821E-13	1,146	0	0	0
26	0,175	TERMP	LinStatic	6,821E-13	1,146	0	0	0
26	0	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
26	0,0875	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
26	0,175	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
26	0	GRADTP	LinStatic	-4,547E-13	-5,524	0	0	0
26	0,0875	GRADTP	LinStatic	-4,547E-13	-5,524	0	0	0
26	0,175	GRADTP	LinStatic	-4,547E-13	-5,524	0	0	0
26	0	GRADTN	LinStatic	4,547E-13	5,524	0	0	0
26	0,0875	GRADTN	LinStatic	4,547E-13	5,524	0	0	0
26	0,175	GRADTN	LinStatic	4,547E-13	5,524	0	0	0
26	0	LM71C	LinStatic	-141,45	3,021	0	0	0
26	0,0875	LM71C	LinStatic	-141,45	3,021	0	0	0
26	0,175	LM71C	LinStatic	-141,45	3,021	0	0	0
26	0	STLM71	LinStatic	-32,18	32,081	0	0	0
26	0,0875	STLM71	LinStatic	-32,18	32,081	0	0	0
26	0,175	STLM71	LinStatic	-32,18	32,081	0	0	0
26	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
26	0,0875	AVVLM71	LinStatic	-31,615	23,437	0	0	0
26	0,175	AVVLM71	LinStatic	-31,615	23,437	0	0	0
26	0	SW2	LinStatic	-117,852	2,517	0	0	0
26	0,0875	SW2	LinStatic	-117,852	2,517	0	0	0
26	0,175	SW2	LinStatic	-117,852	2,517	0	0	0
26	0	STSW2	LinStatic	-26,812	26,729	0	0	0
26	0,0875	STSW2	LinStatic	-26,812	26,729	0	0	0
26	0,175	STSW2	LinStatic	-26,812	26,729	0	0	0
26	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
26	0,0875	FRENSW2	LinStatic	-33,539	24,863	0	0	0
26	0,175	FRENSW2	LinStatic	-33,539	24,863	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
26	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
26	0,0875	INCRTER	LinStatic	-73,625	73,398	0	0	0
26	0,175	INCRTER	LinStatic	-73,625	73,398	0	0	0
26	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
26	0,0875	LM71SISO	LinStatic	-11,945	8,855	0	0	0
26	0,175	LM71SISO	LinStatic	-11,945	8,855	0	0	0
26	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
26	0,0875	SW2SISO	LinStatic	-9,959	7,383	0	0	0
26	0,175	SW2SISO	LinStatic	-9,959	7,383	0	0	0
26	0	SISMAO	LinStatic	-48,751	52,888	0	0	0
26	0,0875	SISMAO	LinStatic	-48,751	52,524	0	0	0
26	0,175	SISMAO	LinStatic	-48,751	52,16	0	0	0
26	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
26	0,0875	LM71SVA	LinStatic	4,393	-0,094	0	0	0
26	0,175	LM71SVA	LinStatic	4,393	-0,094	0	0	0
26	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
26	0,0875	SW2SVA	LinStatic	3,657	-0,078	0	0	0
26	0,175	SW2SVA	LinStatic	3,657	-0,078	0	0	0
26	0	SISMAVA	LinStatic	29,596	0,651	0	0	0
26	0,0875	SISMAVA	LinStatic	29,392	0,651	0	0	0
26	0,175	SISMAVA	LinStatic	29,188	0,651	0	0	0
26	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
26	0,0875	LM71SVB	LinStatic	-4,393	0,094	0	0	0
26	0,175	LM71SVB	LinStatic	-4,393	0,094	0	0	0
26	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
26	0,0875	SW2SVB	LinStatic	-3,657	0,078	0	0	0
26	0,175	SW2SVB	LinStatic	-3,657	0,078	0	0	0
26	0	SISMAVB	LinStatic	-29,591	-0,651	0	0	0
26	0,0875	SISMAVB	LinStatic	-29,387	-0,651	0	0	0
26	0,175	SISMAVB	LinStatic	-29,183	-0,651	0	0	0
27	0	PP	LinStatic	-126,338	5,5	0	0	0
27	0,0875	PP	LinStatic	-125,026	5,5	0	0	0
27	0,175	PP	LinStatic	-123,713	5,5	0	0	0
27	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
27	0,0875	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
27	0,175	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
27	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
27	0,0875	BALLAST	LinStatic	-33,12	-0,707	0	0	0
27	0,175	BALLAST	LinStatic	-33,12	-0,707	0	0	0
27	0	STERRASX	LinStatic	42,327	194,341	0	0	0
27	0,0875	STERRASX	LinStatic	42,327	188,653	0	0	0
27	0,175	STERRASX	LinStatic	42,327	183,031	0	0	0
27	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
27	0,0875	STERRADX	LinStatic	-42,327	-46,084	0	0	0
27	0,175	STERRADX	LinStatic	-42,327	-46,084	0	0	0
27	0	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
27	0,0875	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
27	0,175	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
27	0	TERMN	LinStatic	1,364E-12	3,437	0	0	0
27	0,0875	TERMN	LinStatic	1,364E-12	3,437	0	0	0
27	0,175	TERMN	LinStatic	1,364E-12	3,437	0	0	0
27	0	GRADTP	LinStatic	0	5,524	0	0	0
27	0,0875	GRADTP	LinStatic	0	5,524	0	0	0
27	0,175	GRADTP	LinStatic	0	5,524	0	0	0
27	0	GRADTN	LinStatic	0	-5,524	0	0	0
27	0,0875	GRADTN	LinStatic	0	-5,524	0	0	0
27	0,175	GRADTN	LinStatic	0	-5,524	0	0	0
27	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
27	0,0875	LM71C	LinStatic	-141,45	-3,021	0	0	0
27	0,175	LM71C	LinStatic	-141,45	-3,021	0	0	0
27	0	STLM71	LinStatic	32,18	96,421	0	0	0
27	0,0875	STLM71	LinStatic	32,18	94,586	0	0	0
27	0,175	STLM71	LinStatic	32,18	92,75	0	0	0
27	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
27	0,0875	AVVLM71	LinStatic	31,615	23,437	0	0	0
27	0,175	AVVLM71	LinStatic	31,615	23,437	0	0	0
27	0	SW2	LinStatic	-117,852	-2,517	0	0	0
27	0,0875	SW2	LinStatic	-117,852	-2,517	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
27	0,175	SW2	LinStatic	-117,852	-2,517	0	0	0
27	0	STSW2	LinStatic	26,812	80,336	0	0	0
27	0,0875	STSW2	LinStatic	26,812	78,806	0	0	0
27	0,175	STSW2	LinStatic	26,812	77,277	0	0	0
27	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
27	0,0875	FRENSW2	LinStatic	33,539	24,863	0	0	0
27	0,175	FRENSW2	LinStatic	33,539	24,863	0	0	0
27	0	INCRTER	LinStatic	73,625	220,602	0	0	0
27	0,0875	INCRTER	LinStatic	73,625	216,402	0	0	0
27	0,175	INCRTER	LinStatic	73,625	212,202	0	0	0
27	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
27	0,0875	LM71SISO	LinStatic	11,945	8,855	0	0	0
27	0,175	LM71SISO	LinStatic	11,945	8,855	0	0	0
27	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
27	0,0875	SW2SISO	LinStatic	9,959	7,383	0	0	0
27	0,175	SW2SISO	LinStatic	9,959	7,383	0	0	0
27	0	SISMAO	LinStatic	48,751	52,16	0	0	0
27	0,0875	SISMAO	LinStatic	48,751	51,796	0	0	0
27	0,175	SISMAO	LinStatic	48,751	51,432	0	0	0
27	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
27	0,0875	LM71SVA	LinStatic	4,393	0,094	0	0	0
27	0,175	LM71SVA	LinStatic	4,393	0,094	0	0	0
27	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
27	0,0875	SW2SVA	LinStatic	3,657	0,078	0	0	0
27	0,175	SW2SVA	LinStatic	3,657	0,078	0	0	0
27	0	SISMAVA	LinStatic	29,198	-0,651	0	0	0
27	0,0875	SISMAVA	LinStatic	28,994	-0,651	0	0	0
27	0,175	SISMAVA	LinStatic	28,79	-0,651	0	0	0
27	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
27	0,0875	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
27	0,175	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
27	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
27	0,0875	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
27	0,175	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
27	0	SISMAVB	LinStatic	-29,198	0,651	0	0	0
27	0,0875	SISMAVB	LinStatic	-28,994	0,651	0	0	0
27	0,175	SISMAVB	LinStatic	-28,79	0,651	0	0	0
28	0	PP	LinStatic	-126,338	-5,5	0	0	0
28	0,0875	PP	LinStatic	-125,026	-5,5	0	0	0
28	0,175	PP	LinStatic	-123,713	-5,5	0	0	0
28	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
28	0,0875	REINTSUP	LinStatic	-28,704	0,613	0	0	0
28	0,175	REINTSUP	LinStatic	-28,704	0,613	0	0	0
28	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
28	0,0875	BALLAST	LinStatic	-33,12	0,707	0	0	0
28	0,175	BALLAST	LinStatic	-33,12	0,707	0	0	0
28	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
28	0,0875	STERRASX	LinStatic	-42,327	46,084	0	0	0
28	0,175	STERRASX	LinStatic	-42,327	46,084	0	0	0
28	0	STERRADX	LinStatic	42,327	-194,341	0	0	0
28	0,0875	STERRADX	LinStatic	42,327	-188,653	0	0	0
28	0,175	STERRADX	LinStatic	42,327	-183,031	0	0	0
28	0	TERMP	LinStatic	5,684E-13	1,146	0	0	0
28	0,0875	TERMP	LinStatic	5,684E-13	1,146	0	0	0
28	0,175	TERMP	LinStatic	5,684E-13	1,146	0	0	0
28	0	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
28	0,0875	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
28	0,175	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
28	0	GRADTP	LinStatic	-2,274E-13	-5,524	0	0	0
28	0,0875	GRADTP	LinStatic	-2,274E-13	-5,524	0	0	0
28	0,175	GRADTP	LinStatic	-2,274E-13	-5,524	0	0	0
28	0	GRADTN	LinStatic	2,274E-13	5,524	0	0	0
28	0,0875	GRADTN	LinStatic	2,274E-13	5,524	0	0	0
28	0,175	GRADTN	LinStatic	2,274E-13	5,524	0	0	0
28	0	LM71C	LinStatic	-141,45	3,021	0	0	0
28	0,0875	LM71C	LinStatic	-141,45	3,021	0	0	0
28	0,175	LM71C	LinStatic	-141,45	3,021	0	0	0
28	0	STLM71	LinStatic	-32,18	32,081	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
28	0,0875	STLM71	LinStatic	-32,18	32,081	0	0	0
28	0,175	STLM71	LinStatic	-32,18	32,081	0	0	0
28	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
28	0,0875	AVVLM71	LinStatic	-31,615	23,437	0	0	0
28	0,175	AVVLM71	LinStatic	-31,615	23,437	0	0	0
28	0	SW2	LinStatic	-117,852	2,517	0	0	0
28	0,0875	SW2	LinStatic	-117,852	2,517	0	0	0
28	0,175	SW2	LinStatic	-117,852	2,517	0	0	0
28	0	STSW2	LinStatic	-26,812	26,729	0	0	0
28	0,0875	STSW2	LinStatic	-26,812	26,729	0	0	0
28	0,175	STSW2	LinStatic	-26,812	26,729	0	0	0
28	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
28	0,0875	FRENSW2	LinStatic	-33,539	24,863	0	0	0
28	0,175	FRENSW2	LinStatic	-33,539	24,863	0	0	0
28	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
28	0,0875	INCRTER	LinStatic	-73,625	73,398	0	0	0
28	0,175	INCRTER	LinStatic	-73,625	73,398	0	0	0
28	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
28	0,0875	LM71SISO	LinStatic	-11,945	8,855	0	0	0
28	0,175	LM71SISO	LinStatic	-11,945	8,855	0	0	0
28	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
28	0,0875	SW2SISO	LinStatic	-9,959	7,383	0	0	0
28	0,175	SW2SISO	LinStatic	-9,959	7,383	0	0	0
28	0	SISMAO	LinStatic	-48,751	52,16	0	0	0
28	0,0875	SISMAO	LinStatic	-48,751	51,796	0	0	0
28	0,175	SISMAO	LinStatic	-48,751	51,432	0	0	0
28	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
28	0,0875	LM71SVA	LinStatic	4,393	-0,094	0	0	0
28	0,175	LM71SVA	LinStatic	4,393	-0,094	0	0	0
28	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
28	0,0875	SW2SVA	LinStatic	3,657	-0,078	0	0	0
28	0,175	SW2SVA	LinStatic	3,657	-0,078	0	0	0
28	0	SISMAVA	LinStatic	29,188	0,651	0	0	0
28	0,0875	SISMAVA	LinStatic	28,984	0,651	0	0	0
28	0,175	SISMAVA	LinStatic	28,78	0,651	0	0	0
28	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
28	0,0875	LM71SVB	LinStatic	-4,393	0,094	0	0	0
28	0,175	LM71SVB	LinStatic	-4,393	0,094	0	0	0
28	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
28	0,0875	SW2SVB	LinStatic	-3,657	0,078	0	0	0
28	0,175	SW2SVB	LinStatic	-3,657	0,078	0	0	0
28	0	SISMAVB	LinStatic	-29,183	-0,651	0	0	0
28	0,0875	SISMAVB	LinStatic	-28,979	-0,651	0	0	0
28	0,175	SISMAVB	LinStatic	-28,775	-0,651	0	0	0
29	0	PP	LinStatic	-123,713	5,5	0	0	0
29	0,70625	PP	LinStatic	-113,123	5,5	0	0	0
29	1,4125	PP	LinStatic	-102,532	5,5	0	0	0
29	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
29	0,70625	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
29	1,4125	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
29	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
29	0,70625	BALLAST	LinStatic	-33,12	-0,707	0	0	0
29	1,4125	BALLAST	LinStatic	-33,12	-0,707	0	0	0
29	0	STERRASX	LinStatic	42,327	183,031	0	0	0
29	0,70625	STERRASX	LinStatic	42,327	140,043	0	0	0
29	1,4125	STERRASX	LinStatic	42,327	101,311	0	0	0
29	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
29	0,70625	STERRADX	LinStatic	-42,327	-46,084	0	0	0
29	1,4125	STERRADX	LinStatic	-42,327	-46,084	0	0	0
29	0	TERMP	LinStatic	-2,416E-13	-1,146	0	0	0
29	0,70625	TERMP	LinStatic	-2,416E-13	-1,146	0	0	0
29	1,4125	TERMP	LinStatic	-2,416E-13	-1,146	0	0	0
29	0	TERMN	LinStatic	1,137E-12	3,437	0	0	0
29	0,70625	TERMN	LinStatic	1,137E-12	3,437	0	0	0
29	1,4125	TERMN	LinStatic	1,137E-12	3,437	0	0	0
29	0	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0
29	0,70625	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0
29	1,4125	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
29	0	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
29	0,70625	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
29	1,4125	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
29	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
29	0,70625	LM71C	LinStatic	-141,45	-3,021	0	0	0
29	1,4125	LM71C	LinStatic	-141,45	-3,021	0	0	0
29	0	STLM71	LinStatic	32,18	92,75	0	0	0
29	0,70625	STLM71	LinStatic	32,18	77,933	0	0	0
29	1,4125	STLM71	LinStatic	32,18	63,116	0	0	0
29	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
29	0,70625	AVVLM71	LinStatic	31,615	23,437	0	0	0
29	1,4125	AVVLM71	LinStatic	31,615	23,437	0	0	0
29	0	SW2	LinStatic	-117,852	-2,517	0	0	0
29	0,70625	SW2	LinStatic	-117,852	-2,517	0	0	0
29	1,4125	SW2	LinStatic	-117,852	-2,517	0	0	0
29	0	STSW2	LinStatic	26,812	77,277	0	0	0
29	0,70625	STSW2	LinStatic	26,812	64,932	0	0	0
29	1,4125	STSW2	LinStatic	26,812	52,586	0	0	0
29	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
29	0,70625	FRENSW2	LinStatic	33,539	24,863	0	0	0
29	1,4125	FRENSW2	LinStatic	33,539	24,863	0	0	0
29	0	INCRTER	LinStatic	73,625	212,202	0	0	0
29	0,70625	INCRTER	LinStatic	73,625	178,302	0	0	0
29	1,4125	INCRTER	LinStatic	73,625	144,402	0	0	0
29	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
29	0,70625	LM71SISO	LinStatic	11,945	8,855	0	0	0
29	1,4125	LM71SISO	LinStatic	11,945	8,855	0	0	0
29	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
29	0,70625	SW2SISO	LinStatic	9,959	7,383	0	0	0
29	1,4125	SW2SISO	LinStatic	9,959	7,383	0	0	0
29	0	SISMAO	LinStatic	48,751	51,432	0	0	0
29	0,70625	SISMAO	LinStatic	48,751	48,494	0	0	0
29	1,4125	SISMAO	LinStatic	48,751	45,556	0	0	0
29	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
29	0,70625	LM71SVA	LinStatic	4,393	0,094	0	0	0
29	1,4125	LM71SVA	LinStatic	4,393	0,094	0	0	0
29	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
29	0,70625	SW2SVA	LinStatic	3,657	0,078	0	0	0
29	1,4125	SW2SVA	LinStatic	3,657	0,078	0	0	0
29	0	SISMAVA	LinStatic	28,79	-0,651	0	0	0
29	0,70625	SISMAVA	LinStatic	27,145	-0,651	0	0	0
29	1,4125	SISMAVA	LinStatic	25,499	-0,651	0	0	0
29	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
29	0,70625	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
29	1,4125	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
29	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
29	0,70625	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
29	1,4125	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
29	0	SISMAVB	LinStatic	-28,79	0,651	0	0	0
29	0,70625	SISMAVB	LinStatic	-27,144	0,651	0	0	0
29	1,4125	SISMAVB	LinStatic	-25,499	0,651	0	0	0
30	0	PP	LinStatic	-123,713	-5,5	0	0	0
30	0,70625	PP	LinStatic	-113,123	-5,5	0	0	0
30	1,4125	PP	LinStatic	-102,532	-5,5	0	0	0
30	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
30	0,70625	REINTSUP	LinStatic	-28,704	0,613	0	0	0
30	1,4125	REINTSUP	LinStatic	-28,704	0,613	0	0	0
30	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
30	0,70625	BALLAST	LinStatic	-33,12	0,707	0	0	0
30	1,4125	BALLAST	LinStatic	-33,12	0,707	0	0	0
30	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
30	0,70625	STERRASX	LinStatic	-42,327	46,084	0	0	0
30	1,4125	STERRASX	LinStatic	-42,327	46,084	0	0	0
30	0	STERRADX	LinStatic	42,327	-183,031	0	0	0
30	0,70625	STERRADX	LinStatic	42,327	-140,043	0	0	0
30	1,4125	STERRADX	LinStatic	42,327	-101,311	0	0	0
30	0	TERMP	LinStatic	5,969E-13	1,146	0	0	0
30	0,70625	TERMP	LinStatic	5,969E-13	1,146	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
30	1,4125	TERMP	LinStatic	5,969E-13	1,146	0	0	0
30	0	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
30	0,70625	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
30	1,4125	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
30	0	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
30	0,70625	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
30	1,4125	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
30	0	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
30	0,70625	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
30	1,4125	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
30	0	LM71C	LinStatic	-141,45	3,021	0	0	0
30	0,70625	LM71C	LinStatic	-141,45	3,021	0	0	0
30	1,4125	LM71C	LinStatic	-141,45	3,021	0	0	0
30	0	STLM71	LinStatic	-32,18	32,081	0	0	0
30	0,70625	STLM71	LinStatic	-32,18	32,081	0	0	0
30	1,4125	STLM71	LinStatic	-32,18	32,081	0	0	0
30	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
30	0,70625	AVVLM71	LinStatic	-31,615	23,437	0	0	0
30	1,4125	AVVLM71	LinStatic	-31,615	23,437	0	0	0
30	0	SW2	LinStatic	-117,852	2,517	0	0	0
30	0,70625	SW2	LinStatic	-117,852	2,517	0	0	0
30	1,4125	SW2	LinStatic	-117,852	2,517	0	0	0
30	0	STSW2	LinStatic	-26,812	26,729	0	0	0
30	0,70625	STSW2	LinStatic	-26,812	26,729	0	0	0
30	1,4125	STSW2	LinStatic	-26,812	26,729	0	0	0
30	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
30	0,70625	FRENSW2	LinStatic	-33,539	24,863	0	0	0
30	1,4125	FRENSW2	LinStatic	-33,539	24,863	0	0	0
30	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
30	0,70625	INCRTER	LinStatic	-73,625	73,398	0	0	0
30	1,4125	INCRTER	LinStatic	-73,625	73,398	0	0	0
30	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
30	0,70625	LM71SISO	LinStatic	-11,945	8,855	0	0	0
30	1,4125	LM71SISO	LinStatic	-11,945	8,855	0	0	0
30	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
30	0,70625	SW2SISO	LinStatic	-9,959	7,383	0	0	0
30	1,4125	SW2SISO	LinStatic	-9,959	7,383	0	0	0
30	0	SISMAO	LinStatic	-48,751	51,432	0	0	0
30	0,70625	SISMAO	LinStatic	-48,751	48,494	0	0	0
30	1,4125	SISMAO	LinStatic	-48,751	45,556	0	0	0
30	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
30	0,70625	LM71SVA	LinStatic	4,393	-0,094	0	0	0
30	1,4125	LM71SVA	LinStatic	4,393	-0,094	0	0	0
30	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
30	0,70625	SW2SVA	LinStatic	3,657	-0,078	0	0	0
30	1,4125	SW2SVA	LinStatic	3,657	-0,078	0	0	0
30	0	SISMAVA	LinStatic	28,78	0,651	0	0	0
30	0,70625	SISMAVA	LinStatic	27,135	0,651	0	0	0
30	1,4125	SISMAVA	LinStatic	25,489	0,651	0	0	0
30	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
30	0,70625	LM71SVB	LinStatic	-4,393	0,094	0	0	0
30	1,4125	LM71SVB	LinStatic	-4,393	0,094	0	0	0
30	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
30	0,70625	SW2SVB	LinStatic	-3,657	0,078	0	0	0
30	1,4125	SW2SVB	LinStatic	-3,657	0,078	0	0	0
30	0	SISMAVB	LinStatic	-28,775	-0,651	0	0	0
30	0,70625	SISMAVB	LinStatic	-27,13	-0,651	0	0	0
30	1,4125	SISMAVB	LinStatic	-25,484	-0,651	0	0	0
31	0	PP	LinStatic	-102,532	5,5	0	0	0
31	0,70625	PP	LinStatic	-91,942	5,5	0	0	0
31	1,4125	PP	LinStatic	-81,351	5,5	0	0	0
31	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
31	0,70625	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
31	1,4125	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
31	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
31	0,70625	BALLAST	LinStatic	-33,12	-0,707	0	0	0
31	1,4125	BALLAST	LinStatic	-33,12	-0,707	0	0	0
31	0	STERRASX	LinStatic	42,327	101,311	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
31	0,70625	STERRASX	LinStatic	42,327	66,832	0	0	0
31	1,4125	STERRASX	LinStatic	42,327	36,604	0	0	0
31	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
31	0,70625	STERRADX	LinStatic	-42,327	-46,084	0	0	0
31	1,4125	STERRADX	LinStatic	-42,327	-46,084	0	0	0
31	0	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
31	0,70625	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
31	1,4125	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
31	0	TERMN	LinStatic	1,137E-12	3,437	0	0	0
31	0,70625	TERMN	LinStatic	1,137E-12	3,437	0	0	0
31	1,4125	TERMN	LinStatic	1,137E-12	3,437	0	0	0
31	0	GRADTP	LinStatic	-3,126E-13	5,524	0	0	0
31	0,70625	GRADTP	LinStatic	-3,126E-13	5,524	0	0	0
31	1,4125	GRADTP	LinStatic	-3,126E-13	5,524	0	0	0
31	0	GRADTN	LinStatic	3,126E-13	-5,524	0	0	0
31	0,70625	GRADTN	LinStatic	3,126E-13	-5,524	0	0	0
31	1,4125	GRADTN	LinStatic	3,126E-13	-5,524	0	0	0
31	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
31	0,70625	LM71C	LinStatic	-141,45	-3,021	0	0	0
31	1,4125	LM71C	LinStatic	-141,45	-3,021	0	0	0
31	0	STLM71	LinStatic	32,18	63,116	0	0	0
31	0,70625	STLM71	LinStatic	32,18	48,298	0	0	0
31	1,4125	STLM71	LinStatic	32,18	33,481	0	0	0
31	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
31	0,70625	AVVLM71	LinStatic	31,615	23,437	0	0	0
31	1,4125	AVVLM71	LinStatic	31,615	23,437	0	0	0
31	0	SW2	LinStatic	-117,852	-2,517	0	0	0
31	0,70625	SW2	LinStatic	-117,852	-2,517	0	0	0
31	1,4125	SW2	LinStatic	-117,852	-2,517	0	0	0
31	0	STSW2	LinStatic	26,812	52,586	0	0	0
31	0,70625	STSW2	LinStatic	26,812	40,241	0	0	0
31	1,4125	STSW2	LinStatic	26,812	27,896	0	0	0
31	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
31	0,70625	FRENSW2	LinStatic	33,539	24,863	0	0	0
31	1,4125	FRENSW2	LinStatic	33,539	24,863	0	0	0
31	0	INCRTER	LinStatic	73,625	144,402	0	0	0
31	0,70625	INCRTER	LinStatic	73,625	110,502	0	0	0
31	1,4125	INCRTER	LinStatic	73,625	76,602	0	0	0
31	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
31	0,70625	LM71SISO	LinStatic	11,945	8,855	0	0	0
31	1,4125	LM71SISO	LinStatic	11,945	8,855	0	0	0
31	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
31	0,70625	SW2SISO	LinStatic	9,959	7,383	0	0	0
31	1,4125	SW2SISO	LinStatic	9,959	7,383	0	0	0
31	0	SISMAO	LinStatic	48,751	45,556	0	0	0
31	0,70625	SISMAO	LinStatic	48,751	42,618	0	0	0
31	1,4125	SISMAO	LinStatic	48,751	39,68	0	0	0
31	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
31	0,70625	LM71SVA	LinStatic	4,393	0,094	0	0	0
31	1,4125	LM71SVA	LinStatic	4,393	0,094	0	0	0
31	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
31	0,70625	SW2SVA	LinStatic	3,657	0,078	0	0	0
31	1,4125	SW2SVA	LinStatic	3,657	0,078	0	0	0
31	0	SISMAVA	LinStatic	25,499	-0,651	0	0	0
31	0,70625	SISMAVA	LinStatic	23,853	-0,651	0	0	0
31	1,4125	SISMAVA	LinStatic	22,208	-0,651	0	0	0
31	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
31	0,70625	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
31	1,4125	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
31	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
31	0,70625	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
31	1,4125	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
31	0	SISMAVB	LinStatic	-25,499	0,651	0	0	0
31	0,70625	SISMAVB	LinStatic	-23,853	0,651	0	0	0
31	1,4125	SISMAVB	LinStatic	-22,208	0,651	0	0	0
32	0	PP	LinStatic	-102,532	-5,5	0	0	0
32	0,70625	PP	LinStatic	-91,942	-5,5	0	0	0
32	1,4125	PP	LinStatic	-81,351	-5,5	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
32	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
32	0,70625	REINTSUP	LinStatic	-28,704	0,613	0	0	0
32	1,4125	REINTSUP	LinStatic	-28,704	0,613	0	0	0
32	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
32	0,70625	BALLAST	LinStatic	-33,12	0,707	0	0	0
32	1,4125	BALLAST	LinStatic	-33,12	0,707	0	0	0
32	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
32	0,70625	STERRASX	LinStatic	-42,327	46,084	0	0	0
32	1,4125	STERRASX	LinStatic	-42,327	46,084	0	0	0
32	0	STERRADX	LinStatic	42,327	-101,311	0	0	0
32	0,70625	STERRADX	LinStatic	42,327	-66,832	0	0	0
32	1,4125	STERRADX	LinStatic	42,327	-36,604	0	0	0
32	0	TERMP	LinStatic	5,826E-13	1,146	0	0	0
32	0,70625	TERMP	LinStatic	5,826E-13	1,146	0	0	0
32	1,4125	TERMP	LinStatic	5,826E-13	1,146	0	0	0
32	0	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
32	0,70625	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
32	1,4125	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
32	0	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
32	0,70625	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
32	1,4125	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
32	0	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
32	0,70625	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
32	1,4125	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
32	0	LM71C	LinStatic	-141,45	3,021	0	0	0
32	0,70625	LM71C	LinStatic	-141,45	3,021	0	0	0
32	1,4125	LM71C	LinStatic	-141,45	3,021	0	0	0
32	0	STLM71	LinStatic	-32,18	32,081	0	0	0
32	0,70625	STLM71	LinStatic	-32,18	32,081	0	0	0
32	1,4125	STLM71	LinStatic	-32,18	32,081	0	0	0
32	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
32	0,70625	AVVLM71	LinStatic	-31,615	23,437	0	0	0
32	1,4125	AVVLM71	LinStatic	-31,615	23,437	0	0	0
32	0	SW2	LinStatic	-117,852	2,517	0	0	0
32	0,70625	SW2	LinStatic	-117,852	2,517	0	0	0
32	1,4125	SW2	LinStatic	-117,852	2,517	0	0	0
32	0	STSW2	LinStatic	-26,812	26,729	0	0	0
32	0,70625	STSW2	LinStatic	-26,812	26,729	0	0	0
32	1,4125	STSW2	LinStatic	-26,812	26,729	0	0	0
32	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
32	0,70625	FRENSW2	LinStatic	-33,539	24,863	0	0	0
32	1,4125	FRENSW2	LinStatic	-33,539	24,863	0	0	0
32	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
32	0,70625	INCRTER	LinStatic	-73,625	73,398	0	0	0
32	1,4125	INCRTER	LinStatic	-73,625	73,398	0	0	0
32	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
32	0,70625	LM71SISO	LinStatic	-11,945	8,855	0	0	0
32	1,4125	LM71SISO	LinStatic	-11,945	8,855	0	0	0
32	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
32	0,70625	SW2SISO	LinStatic	-9,959	7,383	0	0	0
32	1,4125	SW2SISO	LinStatic	-9,959	7,383	0	0	0
32	0	SISMAO	LinStatic	-48,751	45,556	0	0	0
32	0,70625	SISMAO	LinStatic	-48,751	42,618	0	0	0
32	1,4125	SISMAO	LinStatic	-48,751	39,68	0	0	0
32	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
32	0,70625	LM71SVA	LinStatic	4,393	-0,094	0	0	0
32	1,4125	LM71SVA	LinStatic	4,393	-0,094	0	0	0
32	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
32	0,70625	SW2SVA	LinStatic	3,657	-0,078	0	0	0
32	1,4125	SW2SVA	LinStatic	3,657	-0,078	0	0	0
32	0	SISMAVA	LinStatic	25,489	0,651	0	0	0
32	0,70625	SISMAVA	LinStatic	23,844	0,651	0	0	0
32	1,4125	SISMAVA	LinStatic	22,198	0,651	0	0	0
32	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
32	0,70625	LM71SVB	LinStatic	-4,393	0,094	0	0	0
32	1,4125	LM71SVB	LinStatic	-4,393	0,094	0	0	0
32	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
32	0,70625	SW2SVB	LinStatic	-3,657	0,078	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
32	1,4125	SW2SVB	LinStatic	-3,657	0,078	0	0	0
32	0	SISMAVB	LinStatic	-25,484	-0,651	0	0	0
32	0,70625	SISMAVB	LinStatic	-23,839	-0,651	0	0	0
32	1,4125	SISMAVB	LinStatic	-22,193	-0,651	0	0	0
33	0	PP	LinStatic	-81,351	5,5	0	0	0
33	0,70625	PP	LinStatic	-70,76	5,5	0	0	0
33	1,4125	PP	LinStatic	-60,17	5,5	0	0	0
33	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
33	0,70625	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
33	1,4125	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
33	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
33	0,70625	BALLAST	LinStatic	-33,12	-0,707	0	0	0
33	1,4125	BALLAST	LinStatic	-33,12	-0,707	0	0	0
33	0	STERRASX	LinStatic	42,327	36,604	0	0	0
33	0,70625	STERRASX	LinStatic	42,327	10,63	0	0	0
33	1,4125	STERRASX	LinStatic	42,327	-11,089	0	0	0
33	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
33	0,70625	STERRADX	LinStatic	-42,327	-46,084	0	0	0
33	1,4125	STERRADX	LinStatic	-42,327	-46,084	0	0	0
33	0	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
33	0,70625	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
33	1,4125	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
33	0	TERMN	LinStatic	1,194E-12	3,437	0	0	0
33	0,70625	TERMN	LinStatic	1,194E-12	3,437	0	0	0
33	1,4125	TERMN	LinStatic	1,194E-12	3,437	0	0	0
33	0	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0
33	0,70625	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0
33	1,4125	GRADTP	LinStatic	-2,842E-13	5,524	0	0	0
33	0	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
33	0,70625	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
33	1,4125	GRADTN	LinStatic	2,842E-13	-5,524	0	0	0
33	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
33	0,70625	LM71C	LinStatic	-141,45	-3,021	0	0	0
33	1,4125	LM71C	LinStatic	-141,45	-3,021	0	0	0
33	0	STLM71	LinStatic	32,18	33,481	0	0	0
33	0,70625	STLM71	LinStatic	32,18	18,664	0	0	0
33	1,4125	STLM71	LinStatic	32,18	3,847	0	0	0
33	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
33	0,70625	AVVLM71	LinStatic	31,615	23,437	0	0	0
33	1,4125	AVVLM71	LinStatic	31,615	23,437	0	0	0
33	0	SW2	LinStatic	-117,852	-2,517	0	0	0
33	0,70625	SW2	LinStatic	-117,852	-2,517	0	0	0
33	1,4125	SW2	LinStatic	-117,852	-2,517	0	0	0
33	0	STSW2	LinStatic	26,812	27,896	0	0	0
33	0,70625	STSW2	LinStatic	26,812	15,551	0	0	0
33	1,4125	STSW2	LinStatic	26,812	3,205	0	0	0
33	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
33	0,70625	FRENSW2	LinStatic	33,539	24,863	0	0	0
33	1,4125	FRENSW2	LinStatic	33,539	24,863	0	0	0
33	0	INCRTER	LinStatic	73,625	76,602	0	0	0
33	0,70625	INCRTER	LinStatic	73,625	42,702	0	0	0
33	1,4125	INCRTER	LinStatic	73,625	8,802	0	0	0
33	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
33	0,70625	LM71SISO	LinStatic	11,945	8,855	0	0	0
33	1,4125	LM71SISO	LinStatic	11,945	8,855	0	0	0
33	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
33	0,70625	SW2SISO	LinStatic	9,959	7,383	0	0	0
33	1,4125	SW2SISO	LinStatic	9,959	7,383	0	0	0
33	0	SISMAO	LinStatic	48,751	39,68	0	0	0
33	0,70625	SISMAO	LinStatic	48,751	36,742	0	0	0
33	1,4125	SISMAO	LinStatic	48,751	33,804	0	0	0
33	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
33	0,70625	LM71SVA	LinStatic	4,393	0,094	0	0	0
33	1,4125	LM71SVA	LinStatic	4,393	0,094	0	0	0
33	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
33	0,70625	SW2SVA	LinStatic	3,657	0,078	0	0	0
33	1,4125	SW2SVA	LinStatic	3,657	0,078	0	0	0
33	0	SISMAVA	LinStatic	22,208	-0,651	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
33	0,70625	SISMAVA	LinStatic	20,562	-0,651	0	0	0
33	1,4125	SISMAVA	LinStatic	18,917	-0,651	0	0	0
33	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
33	0,70625	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
33	1,4125	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
33	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
33	0,70625	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
33	1,4125	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
33	0	SISMAVB	LinStatic	-22,208	0,651	0	0	0
33	0,70625	SISMAVB	LinStatic	-20,562	0,651	0	0	0
33	1,4125	SISMAVB	LinStatic	-18,917	0,651	0	0	0
34	0	PP	LinStatic	-81,351	-5,5	0	0	0
34	0,70625	PP	LinStatic	-70,76	-5,5	0	0	0
34	1,4125	PP	LinStatic	-60,17	-5,5	0	0	0
34	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
34	0,70625	REINTSUP	LinStatic	-28,704	0,613	0	0	0
34	1,4125	REINTSUP	LinStatic	-28,704	0,613	0	0	0
34	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
34	0,70625	BALLAST	LinStatic	-33,12	0,707	0	0	0
34	1,4125	BALLAST	LinStatic	-33,12	0,707	0	0	0
34	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
34	0,70625	STERRASX	LinStatic	-42,327	46,084	0	0	0
34	1,4125	STERRASX	LinStatic	-42,327	46,084	0	0	0
34	0	STERRADX	LinStatic	42,327	-36,604	0	0	0
34	0,70625	STERRADX	LinStatic	42,327	-10,63	0	0	0
34	1,4125	STERRADX	LinStatic	42,327	11,089	0	0	0
34	0	TERMP	LinStatic	6,111E-13	1,146	0	0	0
34	0,70625	TERMP	LinStatic	6,111E-13	1,146	0	0	0
34	1,4125	TERMP	LinStatic	6,111E-13	1,146	0	0	0
34	0	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
34	0,70625	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
34	1,4125	TERMN	LinStatic	-2,331E-12	-3,437	0	0	0
34	0	GRADTP	LinStatic	-3,126E-13	-5,524	0	0	0
34	0,70625	GRADTP	LinStatic	-3,126E-13	-5,524	0	0	0
34	1,4125	GRADTP	LinStatic	-3,126E-13	-5,524	0	0	0
34	0	GRADTN	LinStatic	3,126E-13	5,524	0	0	0
34	0,70625	GRADTN	LinStatic	3,126E-13	5,524	0	0	0
34	1,4125	GRADTN	LinStatic	3,126E-13	5,524	0	0	0
34	0	LM71C	LinStatic	-141,45	3,021	0	0	0
34	0,70625	LM71C	LinStatic	-141,45	3,021	0	0	0
34	1,4125	LM71C	LinStatic	-141,45	3,021	0	0	0
34	0	STLM71	LinStatic	-32,18	32,081	0	0	0
34	0,70625	STLM71	LinStatic	-32,18	32,081	0	0	0
34	1,4125	STLM71	LinStatic	-32,18	32,081	0	0	0
34	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
34	0,70625	AVVLM71	LinStatic	-31,615	23,437	0	0	0
34	1,4125	AVVLM71	LinStatic	-31,615	23,437	0	0	0
34	0	SW2	LinStatic	-117,852	2,517	0	0	0
34	0,70625	SW2	LinStatic	-117,852	2,517	0	0	0
34	1,4125	SW2	LinStatic	-117,852	2,517	0	0	0
34	0	STSW2	LinStatic	-26,812	26,729	0	0	0
34	0,70625	STSW2	LinStatic	-26,812	26,729	0	0	0
34	1,4125	STSW2	LinStatic	-26,812	26,729	0	0	0
34	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
34	0,70625	FRENSW2	LinStatic	-33,539	24,863	0	0	0
34	1,4125	FRENSW2	LinStatic	-33,539	24,863	0	0	0
34	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
34	0,70625	INCRTER	LinStatic	-73,625	73,398	0	0	0
34	1,4125	INCRTER	LinStatic	-73,625	73,398	0	0	0
34	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
34	0,70625	LM71SISO	LinStatic	-11,945	8,855	0	0	0
34	1,4125	LM71SISO	LinStatic	-11,945	8,855	0	0	0
34	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
34	0,70625	SW2SISO	LinStatic	-9,959	7,383	0	0	0
34	1,4125	SW2SISO	LinStatic	-9,959	7,383	0	0	0
34	0	SISMAO	LinStatic	-48,751	39,68	0	0	0
34	0,70625	SISMAO	LinStatic	-48,751	36,742	0	0	0
34	1,4125	SISMAO	LinStatic	-48,751	33,804	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
34	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
34	0,70625	LM71SVA	LinStatic	4,393	-0,094	0	0	0
34	1,4125	LM71SVA	LinStatic	4,393	-0,094	0	0	0
34	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
34	0,70625	SW2SVA	LinStatic	3,657	-0,078	0	0	0
34	1,4125	SW2SVA	LinStatic	3,657	-0,078	0	0	0
34	0	SISMAVA	LinStatic	22,198	0,651	0	0	0
34	0,70625	SISMAVA	LinStatic	20,553	0,651	0	0	0
34	1,4125	SISMAVA	LinStatic	18,907	0,651	0	0	0
34	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
34	0,70625	LM71SVB	LinStatic	-4,393	0,094	0	0	0
34	1,4125	LM71SVB	LinStatic	-4,393	0,094	0	0	0
34	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
34	0,70625	SW2SVB	LinStatic	-3,657	0,078	0	0	0
34	1,4125	SW2SVB	LinStatic	-3,657	0,078	0	0	0
34	0	SISMAVB	LinStatic	-22,193	-0,651	0	0	0
34	0,70625	SISMAVB	LinStatic	-20,547	-0,651	0	0	0
34	1,4125	SISMAVB	LinStatic	-18,902	-0,651	0	0	0
35	0	PP	LinStatic	-60,17	5,5	0	0	0
35	0,70625	PP	LinStatic	-49,579	5,5	0	0	0
35	1,4125	PP	LinStatic	-38,988	5,5	0	0	0
35	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
35	0,70625	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
35	1,4125	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
35	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
35	0,70625	BALLAST	LinStatic	-33,12	-0,707	0	0	0
35	1,4125	BALLAST	LinStatic	-33,12	-0,707	0	0	0
35	0	STERRASX	LinStatic	42,327	-11,089	0	0	0
35	0,70625	STERRASX	LinStatic	42,327	-28,553	0	0	0
35	1,4125	STERRASX	LinStatic	42,327	-41,761	0	0	0
35	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
35	0,70625	STERRADX	LinStatic	-42,327	-46,084	0	0	0
35	1,4125	STERRADX	LinStatic	-42,327	-46,084	0	0	0
35	0	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
35	0,70625	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
35	1,4125	TERMP	LinStatic	-1,99E-13	-1,146	0	0	0
35	0	TERMN	LinStatic	1,08E-12	3,437	0	0	0
35	0,70625	TERMN	LinStatic	1,08E-12	3,437	0	0	0
35	1,4125	TERMN	LinStatic	1,08E-12	3,437	0	0	0
35	0	GRADTP	LinStatic	-3,695E-13	5,524	0	0	0
35	0,70625	GRADTP	LinStatic	-3,695E-13	5,524	0	0	0
35	1,4125	GRADTP	LinStatic	-3,695E-13	5,524	0	0	0
35	0	GRADTN	LinStatic	3,695E-13	-5,524	0	0	0
35	0,70625	GRADTN	LinStatic	3,695E-13	-5,524	0	0	0
35	1,4125	GRADTN	LinStatic	3,695E-13	-5,524	0	0	0
35	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
35	0,70625	LM71C	LinStatic	-141,45	-3,021	0	0	0
35	1,4125	LM71C	LinStatic	-141,45	-3,021	0	0	0
35	0	STLM71	LinStatic	32,18	3,847	0	0	0
35	0,70625	STLM71	LinStatic	32,18	-10,97	0	0	0
35	1,4125	STLM71	LinStatic	32,18	-25,787	0	0	0
35	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
35	0,70625	AVVLM71	LinStatic	31,615	23,437	0	0	0
35	1,4125	AVVLM71	LinStatic	31,615	23,437	0	0	0
35	0	SW2	LinStatic	-117,852	-2,517	0	0	0
35	0,70625	SW2	LinStatic	-117,852	-2,517	0	0	0
35	1,4125	SW2	LinStatic	-117,852	-2,517	0	0	0
35	0	STSW2	LinStatic	26,812	3,205	0	0	0
35	0,70625	STSW2	LinStatic	26,812	-9,14	0	0	0
35	1,4125	STSW2	LinStatic	26,812	-21,485	0	0	0
35	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
35	0,70625	FRENSW2	LinStatic	33,539	24,863	0	0	0
35	1,4125	FRENSW2	LinStatic	33,539	24,863	0	0	0
35	0	INCRTER	LinStatic	73,625	8,802	0	0	0
35	0,70625	INCRTER	LinStatic	73,625	-25,098	0	0	0
35	1,4125	INCRTER	LinStatic	73,625	-58,998	0	0	0
35	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
35	0,70625	LM71SISO	LinStatic	11,945	8,855	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
35	1,4125	LM71SISO	LinStatic	11,945	8,855	0	0	0
35	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
35	0,70625	SW2SISO	LinStatic	9,959	7,383	0	0	0
35	1,4125	SW2SISO	LinStatic	9,959	7,383	0	0	0
35	0	SISMAO	LinStatic	48,751	33,804	0	0	0
35	0,70625	SISMAO	LinStatic	48,751	30,866	0	0	0
35	1,4125	SISMAO	LinStatic	48,751	27,928	0	0	0
35	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
35	0,70625	LM71SVA	LinStatic	4,393	0,094	0	0	0
35	1,4125	LM71SVA	LinStatic	4,393	0,094	0	0	0
35	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
35	0,70625	SW2SVA	LinStatic	3,657	0,078	0	0	0
35	1,4125	SW2SVA	LinStatic	3,657	0,078	0	0	0
35	0	SISMAVA	LinStatic	18,917	-0,651	0	0	0
35	0,70625	SISMAVA	LinStatic	17,271	-0,651	0	0	0
35	1,4125	SISMAVA	LinStatic	15,626	-0,651	0	0	0
35	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
35	0,70625	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
35	1,4125	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
35	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
35	0,70625	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
35	1,4125	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
35	0	SISMAVB	LinStatic	-18,917	0,651	0	0	0
35	0,70625	SISMAVB	LinStatic	-17,271	0,651	0	0	0
35	1,4125	SISMAVB	LinStatic	-15,625	0,651	0	0	0
36	0	PP	LinStatic	-60,17	-5,5	0	0	0
36	0,70625	PP	LinStatic	-49,579	-5,5	0	0	0
36	1,4125	PP	LinStatic	-38,988	-5,5	0	0	0
36	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
36	0,70625	REINTSUP	LinStatic	-28,704	0,613	0	0	0
36	1,4125	REINTSUP	LinStatic	-28,704	0,613	0	0	0
36	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
36	0,70625	BALLAST	LinStatic	-33,12	0,707	0	0	0
36	1,4125	BALLAST	LinStatic	-33,12	0,707	0	0	0
36	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
36	0,70625	STERRASX	LinStatic	-42,327	46,084	0	0	0
36	1,4125	STERRASX	LinStatic	-42,327	46,084	0	0	0
36	0	STERRADX	LinStatic	42,327	11,089	0	0	0
36	0,70625	STERRADX	LinStatic	42,327	28,553	0	0	0
36	1,4125	STERRADX	LinStatic	42,327	41,761	0	0	0
36	0	TERMP	LinStatic	5,826E-13	1,146	0	0	0
36	0,70625	TERMP	LinStatic	5,826E-13	1,146	0	0	0
36	1,4125	TERMP	LinStatic	5,826E-13	1,146	0	0	0
36	0	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
36	0,70625	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
36	1,4125	TERMN	LinStatic	-2,274E-12	-3,437	0	0	0
36	0	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
36	0,70625	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
36	1,4125	GRADTP	LinStatic	-3,411E-13	-5,524	0	0	0
36	0	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
36	0,70625	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
36	1,4125	GRADTN	LinStatic	3,411E-13	5,524	0	0	0
36	0	LM71C	LinStatic	-141,45	3,021	0	0	0
36	0,70625	LM71C	LinStatic	-141,45	3,021	0	0	0
36	1,4125	LM71C	LinStatic	-141,45	3,021	0	0	0
36	0	STLM71	LinStatic	-32,18	32,081	0	0	0
36	0,70625	STLM71	LinStatic	-32,18	32,081	0	0	0
36	1,4125	STLM71	LinStatic	-32,18	32,081	0	0	0
36	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
36	0,70625	AVVLM71	LinStatic	-31,615	23,437	0	0	0
36	1,4125	AVVLM71	LinStatic	-31,615	23,437	0	0	0
36	0	SW2	LinStatic	-117,852	2,517	0	0	0
36	0,70625	SW2	LinStatic	-117,852	2,517	0	0	0
36	1,4125	SW2	LinStatic	-117,852	2,517	0	0	0
36	0	STSW2	LinStatic	-26,812	26,729	0	0	0
36	0,70625	STSW2	LinStatic	-26,812	26,729	0	0	0
36	1,4125	STSW2	LinStatic	-26,812	26,729	0	0	0
36	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
36	0,70625	FRENSW2	LinStatic	-33,539	24,863	0	0	0
36	1,4125	FRENSW2	LinStatic	-33,539	24,863	0	0	0
36	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
36	0,70625	INCRTER	LinStatic	-73,625	73,398	0	0	0
36	1,4125	INCRTER	LinStatic	-73,625	73,398	0	0	0
36	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
36	0,70625	LM71SISO	LinStatic	-11,945	8,855	0	0	0
36	1,4125	LM71SISO	LinStatic	-11,945	8,855	0	0	0
36	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
36	0,70625	SW2SISO	LinStatic	-9,959	7,383	0	0	0
36	1,4125	SW2SISO	LinStatic	-9,959	7,383	0	0	0
36	0	SISMAO	LinStatic	-48,751	33,804	0	0	0
36	0,70625	SISMAO	LinStatic	-48,751	30,866	0	0	0
36	1,4125	SISMAO	LinStatic	-48,751	27,928	0	0	0
36	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
36	0,70625	LM71SVA	LinStatic	4,393	-0,094	0	0	0
36	1,4125	LM71SVA	LinStatic	4,393	-0,094	0	0	0
36	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
36	0,70625	SW2SVA	LinStatic	3,657	-0,078	0	0	0
36	1,4125	SW2SVA	LinStatic	3,657	-0,078	0	0	0
36	0	SISMAVA	LinStatic	18,907	0,651	0	0	0
36	0,70625	SISMAVA	LinStatic	17,261	0,651	0	0	0
36	1,4125	SISMAVA	LinStatic	15,616	0,651	0	0	0
36	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
36	0,70625	LM71SVB	LinStatic	-4,393	0,094	0	0	0
36	1,4125	LM71SVB	LinStatic	-4,393	0,094	0	0	0
36	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
36	0,70625	SW2SVB	LinStatic	-3,657	0,078	0	0	0
36	1,4125	SW2SVB	LinStatic	-3,657	0,078	0	0	0
36	0	SISMAVB	LinStatic	-18,902	-0,651	0	0	0
36	0,70625	SISMAVB	LinStatic	-17,256	-0,651	0	0	0
36	1,4125	SISMAVB	LinStatic	-15,611	-0,651	0	0	0
37	0	PP	LinStatic	-38,988	5,5	0	0	0
37	0,075	PP	LinStatic	-37,864	5,5	0	0	0
37	0,15	PP	LinStatic	-36,739	5,5	0	0	0
37	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
37	0,075	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
37	0,15	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
37	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
37	0,075	BALLAST	LinStatic	-33,12	-0,707	0	0	0
37	0,15	BALLAST	LinStatic	-33,12	-0,707	0	0	0
37	0	STERRASX	LinStatic	42,327	-41,761	0	0	0
37	0,075	STERRASX	LinStatic	42,327	-42,914	0	0	0
37	0,15	STERRASX	LinStatic	42,327	-44,019	0	0	0
37	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
37	0,075	STERRADX	LinStatic	-42,327	-46,084	0	0	0
37	0,15	STERRADX	LinStatic	-42,327	-46,084	0	0	0
37	0	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
37	0,075	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
37	0,15	TERMP	LinStatic	-3,411E-13	-1,146	0	0	0
37	0	TERMN	LinStatic	1,819E-12	3,437	0	0	0
37	0,075	TERMN	LinStatic	1,819E-12	3,437	0	0	0
37	0,15	TERMN	LinStatic	1,819E-12	3,437	0	0	0
37	0	GRADTP	LinStatic	0	5,524	0	0	0
37	0,075	GRADTP	LinStatic	0	5,524	0	0	0
37	0,15	GRADTP	LinStatic	0	5,524	0	0	0
37	0	GRADTN	LinStatic	0	-5,524	0	0	0
37	0,075	GRADTN	LinStatic	0	-5,524	0	0	0
37	0,15	GRADTN	LinStatic	0	-5,524	0	0	0
37	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
37	0,075	LM71C	LinStatic	-141,45	-3,021	0	0	0
37	0,15	LM71C	LinStatic	-141,45	-3,021	0	0	0
37	0	STLM71	LinStatic	32,18	-25,787	0	0	0
37	0,075	STLM71	LinStatic	32,18	-27,361	0	0	0
37	0,15	STLM71	LinStatic	32,18	-28,934	0	0	0
37	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
37	0,075	AVVLM71	LinStatic	31,615	23,437	0	0	0
37	0,15	AVVLM71	LinStatic	31,615	23,437	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
37	0	SW2	LinStatic	-117,852	-2,517	0	0	0
37	0,075	SW2	LinStatic	-117,852	-2,517	0	0	0
37	0,15	SW2	LinStatic	-117,852	-2,517	0	0	0
37	0	STSW2	LinStatic	26,812	-21,485	0	0	0
37	0,075	STSW2	LinStatic	26,812	-22,796	0	0	0
37	0,15	STSW2	LinStatic	26,812	-24,107	0	0	0
37	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
37	0,075	FRENSW2	LinStatic	33,539	24,863	0	0	0
37	0,15	FRENSW2	LinStatic	33,539	24,863	0	0	0
37	0	INCRTER	LinStatic	73,625	-58,998	0	0	0
37	0,075	INCRTER	LinStatic	73,625	-62,598	0	0	0
37	0,15	INCRTER	LinStatic	73,625	-66,198	0	0	0
37	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
37	0,075	LM71SISO	LinStatic	11,945	8,855	0	0	0
37	0,15	LM71SISO	LinStatic	11,945	8,855	0	0	0
37	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
37	0,075	SW2SISO	LinStatic	9,959	7,383	0	0	0
37	0,15	SW2SISO	LinStatic	9,959	7,383	0	0	0
37	0	SISMAO	LinStatic	48,751	27,928	0	0	0
37	0,075	SISMAO	LinStatic	48,751	27,616	0	0	0
37	0,15	SISMAO	LinStatic	48,751	27,304	0	0	0
37	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
37	0,075	LM71SVA	LinStatic	4,393	0,094	0	0	0
37	0,15	LM71SVA	LinStatic	4,393	0,094	0	0	0
37	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
37	0,075	SW2SVA	LinStatic	3,657	0,078	0	0	0
37	0,15	SW2SVA	LinStatic	3,657	0,078	0	0	0
37	0	SISMAVA	LinStatic	15,626	-0,651	0	0	0
37	0,075	SISMAVA	LinStatic	15,451	-0,651	0	0	0
37	0,15	SISMAVA	LinStatic	15,276	-0,651	0	0	0
37	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
37	0,075	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
37	0,15	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
37	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
37	0,075	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
37	0,15	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
37	0	SISMAVB	LinStatic	-15,625	0,651	0	0	0
37	0,075	SISMAVB	LinStatic	-15,451	0,651	0	0	0
37	0,15	SISMAVB	LinStatic	-15,276	0,651	0	0	0
38	0	PP	LinStatic	-38,988	-5,5	0	0	0
38	0,075	PP	LinStatic	-37,864	-5,5	0	0	0
38	0,15	PP	LinStatic	-36,739	-5,5	0	0	0
38	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
38	0,075	REINTSUP	LinStatic	-28,704	0,613	0	0	0
38	0,15	REINTSUP	LinStatic	-28,704	0,613	0	0	0
38	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
38	0,075	BALLAST	LinStatic	-33,12	0,707	0	0	0
38	0,15	BALLAST	LinStatic	-33,12	0,707	0	0	0
38	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
38	0,075	STERRASX	LinStatic	-42,327	46,084	0	0	0
38	0,15	STERRASX	LinStatic	-42,327	46,084	0	0	0
38	0	STERRADX	LinStatic	42,327	41,761	0	0	0
38	0,075	STERRADX	LinStatic	42,327	42,914	0	0	0
38	0,15	STERRADX	LinStatic	42,327	44,019	0	0	0
38	0	TERMP	LinStatic	4,547E-13	1,146	0	0	0
38	0,075	TERMP	LinStatic	4,547E-13	1,146	0	0	0
38	0,15	TERMP	LinStatic	4,547E-13	1,146	0	0	0
38	0	TERMN	LinStatic	-1,819E-12	-3,437	0	0	0
38	0,075	TERMN	LinStatic	-1,819E-12	-3,437	0	0	0
38	0,15	TERMN	LinStatic	-1,819E-12	-3,437	0	0	0
38	0	GRADTP	LinStatic	0	-5,524	0	0	0
38	0,075	GRADTP	LinStatic	0	-5,524	0	0	0
38	0,15	GRADTP	LinStatic	0	-5,524	0	0	0
38	0	GRADTN	LinStatic	0	5,524	0	0	0
38	0,075	GRADTN	LinStatic	0	5,524	0	0	0
38	0,15	GRADTN	LinStatic	0	5,524	0	0	0
38	0	LM71C	LinStatic	-141,45	3,021	0	0	0
38	0,075	LM71C	LinStatic	-141,45	3,021	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
38	0,15	LM71C	LinStatic	-141,45	3,021	0	0	0
38	0	STLM71	LinStatic	-32,18	32,081	0	0	0
38	0,075	STLM71	LinStatic	-32,18	32,081	0	0	0
38	0,15	STLM71	LinStatic	-32,18	32,081	0	0	0
38	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
38	0,075	AVVLM71	LinStatic	-31,615	23,437	0	0	0
38	0,15	AVVLM71	LinStatic	-31,615	23,437	0	0	0
38	0	SW2	LinStatic	-117,852	2,517	0	0	0
38	0,075	SW2	LinStatic	-117,852	2,517	0	0	0
38	0,15	SW2	LinStatic	-117,852	2,517	0	0	0
38	0	STSW2	LinStatic	-26,812	26,729	0	0	0
38	0,075	STSW2	LinStatic	-26,812	26,729	0	0	0
38	0,15	STSW2	LinStatic	-26,812	26,729	0	0	0
38	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
38	0,075	FRENSW2	LinStatic	-33,539	24,863	0	0	0
38	0,15	FRENSW2	LinStatic	-33,539	24,863	0	0	0
38	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
38	0,075	INCRTER	LinStatic	-73,625	73,398	0	0	0
38	0,15	INCRTER	LinStatic	-73,625	73,398	0	0	0
38	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
38	0,075	LM71SISO	LinStatic	-11,945	8,855	0	0	0
38	0,15	LM71SISO	LinStatic	-11,945	8,855	0	0	0
38	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
38	0,075	SW2SISO	LinStatic	-9,959	7,383	0	0	0
38	0,15	SW2SISO	LinStatic	-9,959	7,383	0	0	0
38	0	SISMAO	LinStatic	-48,751	27,928	0	0	0
38	0,075	SISMAO	LinStatic	-48,751	27,616	0	0	0
38	0,15	SISMAO	LinStatic	-48,751	27,304	0	0	0
38	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
38	0,075	LM71SVA	LinStatic	4,393	-0,094	0	0	0
38	0,15	LM71SVA	LinStatic	4,393	-0,094	0	0	0
38	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
38	0,075	SW2SVA	LinStatic	3,657	-0,078	0	0	0
38	0,15	SW2SVA	LinStatic	3,657	-0,078	0	0	0
38	0	SISMAVA	LinStatic	15,616	0,651	0	0	0
38	0,075	SISMAVA	LinStatic	15,441	0,651	0	0	0
38	0,15	SISMAVA	LinStatic	15,266	0,651	0	0	0
38	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
38	0,075	LM71SVB	LinStatic	-4,393	0,094	0	0	0
38	0,15	LM71SVB	LinStatic	-4,393	0,094	0	0	0
38	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
38	0,075	SW2SVB	LinStatic	-3,657	0,078	0	0	0
38	0,15	SW2SVB	LinStatic	-3,657	0,078	0	0	0
38	0	SISMAVB	LinStatic	-15,611	-0,651	0	0	0
38	0,075	SISMAVB	LinStatic	-15,436	-0,651	0	0	0
38	0,15	SISMAVB	LinStatic	-15,261	-0,651	0	0	0
39	0	PP	LinStatic	-36,739	5,5	0	0	0
39	0,075	PP	LinStatic	-35,614	5,5	0	0	0
39	0,15	PP	LinStatic	-34,49	5,5	0	0	0
39	0	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
39	0,075	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
39	0,15	REINTSUP	LinStatic	-28,704	-0,613	0	0	0
39	0	BALLAST	LinStatic	-33,12	-0,707	0	0	0
39	0,075	BALLAST	LinStatic	-33,12	-0,707	0	0	0
39	0,15	BALLAST	LinStatic	-33,12	-0,707	0	0	0
39	0	STERRASX	LinStatic	42,327	-44,019	0	0	0
39	0,075	STERRASX	LinStatic	42,327	-45,075	0	0	0
39	0,15	STERRASX	LinStatic	42,327	-46,084	0	0	0
39	0	STERRADX	LinStatic	-42,327	-46,084	0	0	0
39	0,075	STERRADX	LinStatic	-42,327	-46,084	0	0	0
39	0,15	STERRADX	LinStatic	-42,327	-46,084	0	0	0
39	0	TERMP	LinStatic	-2,274E-13	-1,146	0	0	0
39	0,075	TERMP	LinStatic	-2,274E-13	-1,146	0	0	0
39	0,15	TERMP	LinStatic	-2,274E-13	-1,146	0	0	0
39	0	TERMN	LinStatic	1,819E-12	3,437	0	0	0
39	0,075	TERMN	LinStatic	1,819E-12	3,437	0	0	0
39	0,15	TERMN	LinStatic	1,819E-12	3,437	0	0	0
39	0	GRADTP	LinStatic	0	5,524	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
39	0,075	GRADTP	LinStatic	0	5,524	0	0	0
39	0,15	GRADTP	LinStatic	0	5,524	0	0	0
39	0	GRADTN	LinStatic	0	-5,524	0	0	0
39	0,075	GRADTN	LinStatic	0	-5,524	0	0	0
39	0,15	GRADTN	LinStatic	0	-5,524	0	0	0
39	0	LM71C	LinStatic	-141,45	-3,021	0	0	0
39	0,075	LM71C	LinStatic	-141,45	-3,021	0	0	0
39	0,15	LM71C	LinStatic	-141,45	-3,021	0	0	0
39	0	STLM71	LinStatic	32,18	-28,934	0	0	0
39	0,075	STLM71	LinStatic	32,18	-30,508	0	0	0
39	0,15	STLM71	LinStatic	32,18	-32,081	0	0	0
39	0	AVVLM71	LinStatic	31,615	23,437	0	0	0
39	0,075	AVVLM71	LinStatic	31,615	23,437	0	0	0
39	0,15	AVVLM71	LinStatic	31,615	23,437	0	0	0
39	0	SW2	LinStatic	-117,852	-2,517	0	0	0
39	0,075	SW2	LinStatic	-117,852	-2,517	0	0	0
39	0,15	SW2	LinStatic	-117,852	-2,517	0	0	0
39	0	STSW2	LinStatic	26,812	-24,107	0	0	0
39	0,075	STSW2	LinStatic	26,812	-25,418	0	0	0
39	0,15	STSW2	LinStatic	26,812	-26,729	0	0	0
39	0	FRENSW2	LinStatic	33,539	24,863	0	0	0
39	0,075	FRENSW2	LinStatic	33,539	24,863	0	0	0
39	0,15	FRENSW2	LinStatic	33,539	24,863	0	0	0
39	0	INCRTER	LinStatic	73,625	-66,198	0	0	0
39	0,075	INCRTER	LinStatic	73,625	-69,798	0	0	0
39	0,15	INCRTER	LinStatic	73,625	-73,398	0	0	0
39	0	LM71SISO	LinStatic	11,945	8,855	0	0	0
39	0,075	LM71SISO	LinStatic	11,945	8,855	0	0	0
39	0,15	LM71SISO	LinStatic	11,945	8,855	0	0	0
39	0	SW2SISO	LinStatic	9,959	7,383	0	0	0
39	0,075	SW2SISO	LinStatic	9,959	7,383	0	0	0
39	0,15	SW2SISO	LinStatic	9,959	7,383	0	0	0
39	0	SISMAO	LinStatic	48,751	27,304	0	0	0
39	0,075	SISMAO	LinStatic	48,751	26,992	0	0	0
39	0,15	SISMAO	LinStatic	48,751	26,68	0	0	0
39	0	LM71SVA	LinStatic	4,393	0,094	0	0	0
39	0,075	LM71SVA	LinStatic	4,393	0,094	0	0	0
39	0,15	LM71SVA	LinStatic	4,393	0,094	0	0	0
39	0	SW2SVA	LinStatic	3,657	0,078	0	0	0
39	0,075	SW2SVA	LinStatic	3,657	0,078	0	0	0
39	0,15	SW2SVA	LinStatic	3,657	0,078	0	0	0
39	0	SISMAVA	LinStatic	15,276	-0,651	0	0	0
39	0,075	SISMAVA	LinStatic	15,101	-0,651	0	0	0
39	0,15	SISMAVA	LinStatic	14,927	-0,651	0	0	0
39	0	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
39	0,075	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
39	0,15	LM71SVB	LinStatic	-4,393	-0,094	0	0	0
39	0	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
39	0,075	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
39	0,15	SW2SVB	LinStatic	-3,657	-0,078	0	0	0
39	0	SISMAVB	LinStatic	-15,276	0,651	0	0	0
39	0,075	SISMAVB	LinStatic	-15,101	0,651	0	0	0
39	0,15	SISMAVB	LinStatic	-14,926	0,651	0	0	0
40	0	PP	LinStatic	-36,739	-5,5	0	0	0
40	0,075	PP	LinStatic	-35,614	-5,5	0	0	0
40	0,15	PP	LinStatic	-34,49	-5,5	0	0	0
40	0	REINTSUP	LinStatic	-28,704	0,613	0	0	0
40	0,075	REINTSUP	LinStatic	-28,704	0,613	0	0	0
40	0,15	REINTSUP	LinStatic	-28,704	0,613	0	0	0
40	0	BALLAST	LinStatic	-33,12	0,707	0	0	0
40	0,075	BALLAST	LinStatic	-33,12	0,707	0	0	0
40	0,15	BALLAST	LinStatic	-33,12	0,707	0	0	0
40	0	STERRASX	LinStatic	-42,327	46,084	0	0	0
40	0,075	STERRASX	LinStatic	-42,327	46,084	0	0	0
40	0,15	STERRASX	LinStatic	-42,327	46,084	0	0	0
40	0	STERRADX	LinStatic	42,327	44,019	0	0	0
40	0,075	STERRADX	LinStatic	42,327	45,075	0	0	0
40	0,15	STERRADX	LinStatic	42,327	46,084	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
40	0	TERMP	LinStatic	2,274E-13	1,146	0	0	0
40	0,075	TERMP	LinStatic	2,274E-13	1,146	0	0	0
40	0,15	TERMP	LinStatic	2,274E-13	1,146	0	0	0
40	0	TERMN	LinStatic	-1,364E-12	-3,437	0	0	0
40	0,075	TERMN	LinStatic	-1,364E-12	-3,437	0	0	0
40	0,15	TERMN	LinStatic	-1,364E-12	-3,437	0	0	0
40	0	GRADTP	LinStatic	2,274E-13	-5,524	0	0	0
40	0,075	GRADTP	LinStatic	2,274E-13	-5,524	0	0	0
40	0,15	GRADTP	LinStatic	2,274E-13	-5,524	0	0	0
40	0	GRADTN	LinStatic	-2,274E-13	5,524	0	0	0
40	0,075	GRADTN	LinStatic	-2,274E-13	5,524	0	0	0
40	0,15	GRADTN	LinStatic	-2,274E-13	5,524	0	0	0
40	0	LM71C	LinStatic	-141,45	3,021	0	0	0
40	0,075	LM71C	LinStatic	-141,45	3,021	0	0	0
40	0,15	LM71C	LinStatic	-141,45	3,021	0	0	0
40	0	STLM71	LinStatic	-32,18	32,081	0	0	0
40	0,075	STLM71	LinStatic	-32,18	32,081	0	0	0
40	0,15	STLM71	LinStatic	-32,18	32,081	0	0	0
40	0	AVVLM71	LinStatic	-31,615	23,437	0	0	0
40	0,075	AVVLM71	LinStatic	-31,615	23,437	0	0	0
40	0,15	AVVLM71	LinStatic	-31,615	23,437	0	0	0
40	0	SW2	LinStatic	-117,852	2,517	0	0	0
40	0,075	SW2	LinStatic	-117,852	2,517	0	0	0
40	0,15	SW2	LinStatic	-117,852	2,517	0	0	0
40	0	STSW2	LinStatic	-26,812	26,729	0	0	0
40	0,075	STSW2	LinStatic	-26,812	26,729	0	0	0
40	0,15	STSW2	LinStatic	-26,812	26,729	0	0	0
40	0	FRENSW2	LinStatic	-33,539	24,863	0	0	0
40	0,075	FRENSW2	LinStatic	-33,539	24,863	0	0	0
40	0,15	FRENSW2	LinStatic	-33,539	24,863	0	0	0
40	0	INCRTER	LinStatic	-73,625	73,398	0	0	0
40	0,075	INCRTER	LinStatic	-73,625	73,398	0	0	0
40	0,15	INCRTER	LinStatic	-73,625	73,398	0	0	0
40	0	LM71SISO	LinStatic	-11,945	8,855	0	0	0
40	0,075	LM71SISO	LinStatic	-11,945	8,855	0	0	0
40	0,15	LM71SISO	LinStatic	-11,945	8,855	0	0	0
40	0	SW2SISO	LinStatic	-9,959	7,383	0	0	0
40	0,075	SW2SISO	LinStatic	-9,959	7,383	0	0	0
40	0,15	SW2SISO	LinStatic	-9,959	7,383	0	0	0
40	0	SISMAO	LinStatic	-48,751	27,304	0	0	0
40	0,075	SISMAO	LinStatic	-48,751	26,992	0	0	0
40	0,15	SISMAO	LinStatic	-48,751	26,68	0	0	0
40	0	LM71SVA	LinStatic	4,393	-0,094	0	0	0
40	0,075	LM71SVA	LinStatic	4,393	-0,094	0	0	0
40	0,15	LM71SVA	LinStatic	4,393	-0,094	0	0	0
40	0	SW2SVA	LinStatic	3,657	-0,078	0	0	0
40	0,075	SW2SVA	LinStatic	3,657	-0,078	0	0	0
40	0,15	SW2SVA	LinStatic	3,657	-0,078	0	0	0
40	0	SISMAVA	LinStatic	15,266	0,651	0	0	0
40	0,075	SISMAVA	LinStatic	15,092	0,651	0	0	0
40	0,15	SISMAVA	LinStatic	14,917	0,651	0	0	0
40	0	LM71SVB	LinStatic	-4,393	0,094	0	0	0
40	0,075	LM71SVB	LinStatic	-4,393	0,094	0	0	0
40	0,15	LM71SVB	LinStatic	-4,393	0,094	0	0	0
40	0	SW2SVB	LinStatic	-3,657	0,078	0	0	0
40	0,075	SW2SVB	LinStatic	-3,657	0,078	0	0	0
40	0,15	SW2SVB	LinStatic	-3,657	0,078	0	0	0
40	0	SISMAVB	LinStatic	-15,261	-0,651	0	0	0
40	0,075	SISMAVB	LinStatic	-15,087	-0,651	0	0	0
40	0,15	SISMAVB	LinStatic	-14,912	-0,651	0	0	0
41	0	PP	LinStatic	5,5	-34,49	0	0	0
41	0,15	PP	LinStatic	5,5	-32,24	0	0	0
41	0	REINTSUP	LinStatic	-0,613	-28,704	0	0	0
41	0,15	REINTSUP	LinStatic	-0,613	-26,832	0	0	0
41	0	BALLAST	LinStatic	-0,707	-33,12	0	0	0
41	0,15	BALLAST	LinStatic	-0,707	-30,96	0	0	0
41	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
41	0,15	STERRASX	LinStatic	-46,084	42,327	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
41	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
41	0,15	STERRADX	LinStatic	-46,084	-42,327	0	0	0
41	0	TERMP	LinStatic	-1,146	-4,547E-13	0	0	0
41	0,15	TERMP	LinStatic	-1,146	-4,547E-13	0	0	0
41	0	TERMN	LinStatic	3,437	1,592E-12	0	0	0
41	0,15	TERMN	LinStatic	3,437	1,592E-12	0	0	0
41	0	GRADTP	LinStatic	5,524	2,274E-13	0	0	0
41	0,15	GRADTP	LinStatic	5,524	2,274E-13	0	0	0
41	0	GRADTN	LinStatic	-5,524	-2,274E-13	0	0	0
41	0,15	GRADTN	LinStatic	-5,524	-2,274E-13	0	0	0
41	0	LM71C	LinStatic	-3,021	-141,45	0	0	0
41	0,15	LM71C	LinStatic	-3,021	-132,225	0	0	0
41	0	STLM71	LinStatic	-32,081	32,18	0	0	0
41	0,15	STLM71	LinStatic	-32,081	32,18	0	0	0
41	0	AVVLM71	LinStatic	23,437	31,615	0	0	0
41	0,15	AVVLM71	LinStatic	21,909	31,615	0	0	0
41	0	SW2	LinStatic	-2,517	-117,852	0	0	0
41	0,15	SW2	LinStatic	-2,517	-110,166	0	0	0
41	0	STSW2	LinStatic	-26,729	26,812	0	0	0
41	0,15	STSW2	LinStatic	-26,729	26,812	0	0	0
41	0	FRENSW2	LinStatic	24,863	33,539	0	0	0
41	0,15	FRENSW2	LinStatic	23,241	33,539	0	0	0
41	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
41	0,15	INCRTER	LinStatic	-73,398	73,625	0	0	0
41	0	LM71SISO	LinStatic	8,855	11,945	0	0	0
41	0,15	LM71SISO	LinStatic	8,278	11,945	0	0	0
41	0	SW2SISO	LinStatic	7,383	9,959	0	0	0
41	0,15	SW2SISO	LinStatic	6,901	9,959	0	0	0
41	0	SISMAO	LinStatic	26,68	48,751	0	0	0
41	0,15	SISMAO	LinStatic	24,94	48,751	0	0	0
41	0	LM71SVA	LinStatic	0,094	4,393	0	0	0
41	0,15	LM71SVA	LinStatic	0,094	4,107	0	0	0
41	0	SW2SVA	LinStatic	0,078	3,657	0	0	0
41	0,15	SW2SVA	LinStatic	0,078	3,419	0	0	0
41	0	SISMAVA	LinStatic	-0,651	14,927	0	0	0
41	0,15	SISMAVA	LinStatic	-0,651	13,953	0	0	0
41	0	LM71SVB	LinStatic	-0,094	-4,393	0	0	0
41	0,15	LM71SVB	LinStatic	-0,094	-4,107	0	0	0
41	0	SW2SVB	LinStatic	-0,078	-3,657	0	0	0
41	0,15	SW2SVB	LinStatic	-0,078	-3,419	0	0	0
41	0	SISMAVB	LinStatic	0,651	-14,926	0	0	0
41	0,15	SISMAVB	LinStatic	0,651	-13,953	0	0	0
42	0	PP	LinStatic	5,5	-32,24	0	0	0
42	0,15	PP	LinStatic	5,5	-29,991	0	0	0
42	0	REINTSUP	LinStatic	-0,613	-26,832	0	0	0
42	0,15	REINTSUP	LinStatic	-0,613	-24,96	0	0	0
42	0	BALLAST	LinStatic	-0,707	-30,96	0	0	0
42	0,15	BALLAST	LinStatic	-0,707	-28,8	0	0	0
42	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
42	0,15	STERRASX	LinStatic	-46,084	42,327	0	0	0
42	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
42	0,15	STERRADX	LinStatic	-46,084	-42,327	0	0	0
42	0	TERMP	LinStatic	-1,146	-3,695E-13	0	0	0
42	0,15	TERMP	LinStatic	-1,146	-3,695E-13	0	0	0
42	0	TERMN	LinStatic	3,437	1,592E-12	0	0	0
42	0,15	TERMN	LinStatic	3,437	1,592E-12	0	0	0
42	0	GRADTP	LinStatic	5,524	2,274E-13	0	0	0
42	0,15	GRADTP	LinStatic	5,524	2,274E-13	0	0	0
42	0	GRADTN	LinStatic	-5,524	-2,274E-13	0	0	0
42	0,15	GRADTN	LinStatic	-5,524	-2,274E-13	0	0	0
42	0	LM71C	LinStatic	-3,021	-132,225	0	0	0
42	0,15	LM71C	LinStatic	-3,021	-123	0	0	0
42	0	STLM71	LinStatic	-32,081	32,18	0	0	0
42	0,15	STLM71	LinStatic	-32,081	32,18	0	0	0
42	0	AVVLM71	LinStatic	21,908	31,615	0	0	0
42	0,15	AVVLM71	LinStatic	20,38	31,615	0	0	0
42	0	SW2	LinStatic	-2,517	-110,166	0	0	0
42	0,15	SW2	LinStatic	-2,517	-102,48	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
42	0	STSW2	LinStatic	-26,729	26,812	0	0	0
42	0,15	STSW2	LinStatic	-26,729	26,812	0	0	0
42	0	FRENSW2	LinStatic	23,242	33,539	0	0	0
42	0,15	FRENSW2	LinStatic	21,62	33,539	0	0	0
42	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
42	0,15	INCRTER	LinStatic	-73,398	73,625	0	0	0
42	0	LM71SISO	LinStatic	8,277	11,945	0	0	0
42	0,15	LM71SISO	LinStatic	7,7	11,945	0	0	0
42	0	SW2SISO	LinStatic	6,902	9,959	0	0	0
42	0,15	SW2SISO	LinStatic	6,42	9,959	0	0	0
42	0	SISMAO	LinStatic	24,94	48,751	0	0	0
42	0,15	SISMAO	LinStatic	23,2	48,751	0	0	0
42	0	LM71SVA	LinStatic	0,094	4,107	0	0	0
42	0,15	LM71SVA	LinStatic	0,094	3,82	0	0	0
42	0	SW2SVA	LinStatic	0,078	3,418	0	0	0
42	0,15	SW2SVA	LinStatic	0,078	3,18	0	0	0
42	0	SISMAVA	LinStatic	-0,651	13,953	0	0	0
42	0,15	SISMAVA	LinStatic	-0,651	12,98	0	0	0
42	0	LM71SVB	LinStatic	-0,094	-4,107	0	0	0
42	0,15	LM71SVB	LinStatic	-0,094	-3,82	0	0	0
42	0	SW2SVB	LinStatic	-0,078	-3,418	0	0	0
42	0,15	SW2SVB	LinStatic	-0,078	-3,18	0	0	0
42	0	SISMAVB	LinStatic	0,651	-13,953	0	0	0
42	0,15	SISMAVB	LinStatic	0,651	-12,979	0	0	0
43	0	PP	LinStatic	5,5	-29,991	0	0	0
43	0,44444	PP	LinStatic	5,5	-23,326	0	0	0
43	0,88889	PP	LinStatic	5,5	-16,662	0	0	0
43	1,33333	PP	LinStatic	5,5	-9,997	0	0	0
43	0	REINTSUP	LinStatic	-0,613	-24,96	0	0	0
43	0,44444	REINTSUP	LinStatic	-0,613	-19,413	0	0	0
43	0,88889	REINTSUP	LinStatic	-0,613	-13,867	0	0	0
43	1,33333	REINTSUP	LinStatic	-0,613	-8,32	0	0	0
43	0	BALLAST	LinStatic	-0,707	-28,8	0	0	0
43	0,44444	BALLAST	LinStatic	-0,707	-22,4	0	0	0
43	0,88889	BALLAST	LinStatic	-0,707	-16	0	0	0
43	1,33333	BALLAST	LinStatic	-0,707	-9,6	0	0	0
43	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
43	0,44444	STERRASX	LinStatic	-46,084	42,327	0	0	0
43	0,88889	STERRASX	LinStatic	-46,084	42,327	0	0	0
43	1,33333	STERRASX	LinStatic	-46,084	42,327	0	0	0
43	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
43	0,44444	STERRADX	LinStatic	-46,084	-42,327	0	0	0
43	0,88889	STERRADX	LinStatic	-46,084	-42,327	0	0	0
43	1,33333	STERRADX	LinStatic	-46,084	-42,327	0	0	0
43	0	TERMP	LinStatic	-1,146	-4,068E-13	0	0	0
43	0,44444	TERMP	LinStatic	-1,146	-4,068E-13	0	0	0
43	0,88889	TERMP	LinStatic	-1,146	-4,068E-13	0	0	0
43	1,33333	TERMP	LinStatic	-1,146	-4,068E-13	0	0	0
43	0	TERMN	LinStatic	3,437	1,744E-12	0	0	0
43	0,44444	TERMN	LinStatic	3,437	1,744E-12	0	0	0
43	0,88889	TERMN	LinStatic	3,437	1,744E-12	0	0	0
43	1,33333	TERMN	LinStatic	3,437	1,744E-12	0	0	0
43	0	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
43	0,44444	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
43	0,88889	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
43	1,33333	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
43	0	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
43	0,44444	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
43	0,88889	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
43	1,33333	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
43	0	LM71C	LinStatic	-3,021	-123	0	0	0
43	0,44444	LM71C	LinStatic	-3,021	-95,667	0	0	0
43	0,88889	LM71C	LinStatic	-3,021	-68,333	0	0	0
43	1,33333	LM71C	LinStatic	-3,021	-41	0	0	0
43	0	STLM71	LinStatic	-32,081	32,18	0	0	0
43	0,44444	STLM71	LinStatic	-32,081	32,18	0	0	0
43	0,88889	STLM71	LinStatic	-32,081	32,18	0	0	0
43	1,33333	STLM71	LinStatic	-32,081	32,18	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
43	0	AVVLM71	LinStatic	20,38	31,615	0	0	0
43	0,44444	AVVLM71	LinStatic	15,851	31,615	0	0	0
43	0,88889	AVVLM71	LinStatic	11,322	31,615	0	0	0
43	1,33333	AVVLM71	LinStatic	6,793	31,615	0	0	0
43	0	SW2	LinStatic	-2,517	-102,48	0	0	0
43	0,44444	SW2	LinStatic	-2,517	-79,707	0	0	0
43	0,88889	SW2	LinStatic	-2,517	-56,933	0	0	0
43	1,33333	SW2	LinStatic	-2,517	-34,16	0	0	0
43	0	STSW2	LinStatic	-26,729	26,812	0	0	0
43	0,44444	STSW2	LinStatic	-26,729	26,812	0	0	0
43	0,88889	STSW2	LinStatic	-26,729	26,812	0	0	0
43	1,33333	STSW2	LinStatic	-26,729	26,812	0	0	0
43	0	FRENSW2	LinStatic	21,62	33,539	0	0	0
43	0,44444	FRENSW2	LinStatic	16,816	33,539	0	0	0
43	0,88889	FRENSW2	LinStatic	12,011	33,539	0	0	0
43	1,33333	FRENSW2	LinStatic	7,207	33,539	0	0	0
43	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
43	0,44444	INCRTER	LinStatic	-73,398	73,625	0	0	0
43	0,88889	INCRTER	LinStatic	-73,398	73,625	0	0	0
43	1,33333	INCRTER	LinStatic	-73,398	73,625	0	0	0
43	0	LM71SISO	LinStatic	7,7	11,945	0	0	0
43	0,44444	LM71SISO	LinStatic	5,989	11,945	0	0	0
43	0,88889	LM71SISO	LinStatic	4,278	11,945	0	0	0
43	1,33333	LM71SISO	LinStatic	2,567	11,945	0	0	0
43	0	SW2SISO	LinStatic	6,42	9,959	0	0	0
43	0,44444	SW2SISO	LinStatic	4,993	9,959	0	0	0
43	0,88889	SW2SISO	LinStatic	3,567	9,959	0	0	0
43	1,33333	SW2SISO	LinStatic	2,14	9,959	0	0	0
43	0	SISMAO	LinStatic	23,2	48,751	0	0	0
43	0,44444	SISMAO	LinStatic	18,044	48,751	0	0	0
43	0,88889	SISMAO	LinStatic	12,889	48,751	0	0	0
43	1,33333	SISMAO	LinStatic	7,733	48,751	0	0	0
43	0	LM71SVA	LinStatic	0,094	3,82	0	0	0
43	0,44444	LM71SVA	LinStatic	0,094	2,971	0	0	0
43	0,88889	LM71SVA	LinStatic	0,094	2,122	0	0	0
43	1,33333	LM71SVA	LinStatic	0,094	1,273	0	0	0
43	0	SW2SVA	LinStatic	0,078	3,18	0	0	0
43	0,44444	SW2SVA	LinStatic	0,078	2,473	0	0	0
43	0,88889	SW2SVA	LinStatic	0,078	1,767	0	0	0
43	1,33333	SW2SVA	LinStatic	0,078	1,06	0	0	0
43	0	SISMAVA	LinStatic	-0,651	12,98	0	0	0
43	0,44444	SISMAVA	LinStatic	-0,651	10,095	0	0	0
43	0,88889	SISMAVA	LinStatic	-0,651	7,211	0	0	0
43	1,33333	SISMAVA	LinStatic	-0,651	4,326	0	0	0
43	0	LM71SVB	LinStatic	-0,094	-3,82	0	0	0
43	0,44444	LM71SVB	LinStatic	-0,094	-2,971	0	0	0
43	0,88889	LM71SVB	LinStatic	-0,094	-2,122	0	0	0
43	1,33333	LM71SVB	LinStatic	-0,094	-1,273	0	0	0
43	0	SW2SVB	LinStatic	-0,078	-3,18	0	0	0
43	0,44444	SW2SVB	LinStatic	-0,078	-2,473	0	0	0
43	0,88889	SW2SVB	LinStatic	-0,078	-1,767	0	0	0
43	1,33333	SW2SVB	LinStatic	-0,078	-1,06	0	0	0
43	0	SISMAVB	LinStatic	0,651	-12,979	0	0	0
43	0,44444	SISMAVB	LinStatic	0,651	-10,095	0	0	0
43	0,88889	SISMAVB	LinStatic	0,651	-7,211	0	0	0
43	1,33333	SISMAVB	LinStatic	0,651	-4,326	0	0	0
44	0	PP	LinStatic	5,5	-9,997	0	0	0
44	0,44444	PP	LinStatic	5,5	-3,332	0	0	0
44	0,88889	PP	LinStatic	5,5	3,332	0	0	0
44	1,33333	PP	LinStatic	5,5	9,997	0	0	0
44	0	REINTSUP	LinStatic	-0,613	-8,32	0	0	0
44	0,44444	REINTSUP	LinStatic	-0,613	-2,773	0	0	0
44	0,88889	REINTSUP	LinStatic	-0,613	2,773	0	0	0
44	1,33333	REINTSUP	LinStatic	-0,613	8,32	0	0	0
44	0	BALLAST	LinStatic	-0,707	-9,6	0	0	0
44	0,44444	BALLAST	LinStatic	-0,707	-3,2	0	0	0
44	0,88889	BALLAST	LinStatic	-0,707	3,2	0	0	0
44	1,33333	BALLAST	LinStatic	-0,707	9,6	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
44	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
44	0,44444	STERRASX	LinStatic	-46,084	42,327	0	0	0
44	0,88889	STERRASX	LinStatic	-46,084	42,327	0	0	0
44	1,33333	STERRASX	LinStatic	-46,084	42,327	0	0	0
44	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
44	0,44444	STERRADX	LinStatic	-46,084	-42,327	0	0	0
44	0,88889	STERRADX	LinStatic	-46,084	-42,327	0	0	0
44	1,33333	STERRADX	LinStatic	-46,084	-42,327	0	0	0
44	0	TERMP	LinStatic	-1,146	-4,086E-13	0	0	0
44	0,44444	TERMP	LinStatic	-1,146	-4,086E-13	0	0	0
44	0,88889	TERMP	LinStatic	-1,146	-4,086E-13	0	0	0
44	1,33333	TERMP	LinStatic	-1,146	-4,086E-13	0	0	0
44	0	TERMN	LinStatic	3,437	1,741E-12	0	0	0
44	0,44444	TERMN	LinStatic	3,437	1,741E-12	0	0	0
44	0,88889	TERMN	LinStatic	3,437	1,741E-12	0	0	0
44	1,33333	TERMN	LinStatic	3,437	1,741E-12	0	0	0
44	0	GRADTP	LinStatic	5,524	1,137E-13	0	0	0
44	0,44444	GRADTP	LinStatic	5,524	1,137E-13	0	0	0
44	0,88889	GRADTP	LinStatic	5,524	1,137E-13	0	0	0
44	1,33333	GRADTP	LinStatic	5,524	1,137E-13	0	0	0
44	0	GRADTN	LinStatic	-5,524	-1,137E-13	0	0	0
44	0,44444	GRADTN	LinStatic	-5,524	-1,137E-13	0	0	0
44	0,88889	GRADTN	LinStatic	-5,524	-1,137E-13	0	0	0
44	1,33333	GRADTN	LinStatic	-5,524	-1,137E-13	0	0	0
44	0	LM71C	LinStatic	-3,021	-41	0	0	0
44	0,44444	LM71C	LinStatic	-3,021	-13,667	0	0	0
44	0,88889	LM71C	LinStatic	-3,021	13,667	0	0	0
44	1,33333	LM71C	LinStatic	-3,021	41	0	0	0
44	0	STLM71	LinStatic	-32,081	32,18	0	0	0
44	0,44444	STLM71	LinStatic	-32,081	32,18	0	0	0
44	0,88889	STLM71	LinStatic	-32,081	32,18	0	0	0
44	1,33333	STLM71	LinStatic	-32,081	32,18	0	0	0
44	0	AVVLM71	LinStatic	6,793	31,615	0	0	0
44	0,44444	AVVLM71	LinStatic	2,264	31,615	0	0	0
44	0,88889	AVVLM71	LinStatic	-2,264	31,615	0	0	0
44	1,33333	AVVLM71	LinStatic	-6,793	31,615	0	0	0
44	0	SW2	LinStatic	-2,517	-34,16	0	0	0
44	0,44444	SW2	LinStatic	-2,517	-11,387	0	0	0
44	0,88889	SW2	LinStatic	-2,517	11,387	0	0	0
44	1,33333	SW2	LinStatic	-2,517	34,16	0	0	0
44	0	STSW2	LinStatic	-26,729	26,812	0	0	0
44	0,44444	STSW2	LinStatic	-26,729	26,812	0	0	0
44	0,88889	STSW2	LinStatic	-26,729	26,812	0	0	0
44	1,33333	STSW2	LinStatic	-26,729	26,812	0	0	0
44	0	FRENSW2	LinStatic	7,207	33,539	0	0	0
44	0,44444	FRENSW2	LinStatic	2,402	33,539	0	0	0
44	0,88889	FRENSW2	LinStatic	-2,402	33,539	0	0	0
44	1,33333	FRENSW2	LinStatic	-7,207	33,539	0	0	0
44	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
44	0,44444	INCRTER	LinStatic	-73,398	73,625	0	0	0
44	0,88889	INCRTER	LinStatic	-73,398	73,625	0	0	0
44	1,33333	INCRTER	LinStatic	-73,398	73,625	0	0	0
44	0	LM71SISO	LinStatic	2,567	11,945	0	0	0
44	0,44444	LM71SISO	LinStatic	0,856	11,945	0	0	0
44	0,88889	LM71SISO	LinStatic	-0,856	11,945	0	0	0
44	1,33333	LM71SISO	LinStatic	-2,567	11,945	0	0	0
44	0	SW2SISO	LinStatic	2,14	9,959	0	0	0
44	0,44444	SW2SISO	LinStatic	0,713	9,959	0	0	0
44	0,88889	SW2SISO	LinStatic	-0,713	9,959	0	0	0
44	1,33333	SW2SISO	LinStatic	-2,14	9,959	0	0	0
44	0	SISMAO	LinStatic	7,733	48,751	0	0	0
44	0,44444	SISMAO	LinStatic	2,578	48,751	0	0	0
44	0,88889	SISMAO	LinStatic	-2,578	48,751	0	0	0
44	1,33333	SISMAO	LinStatic	-7,733	48,751	0	0	0
44	0	LM71SVA	LinStatic	0,094	1,273	0	0	0
44	0,44444	LM71SVA	LinStatic	0,094	0,424	0	0	0
44	0,88889	LM71SVA	LinStatic	0,094	-0,424	0	0	0
44	1,33333	LM71SVA	LinStatic	0,094	-1,273	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
44	0	SW2SVA	LinStatic	0,078	1,06	0	0	0
44	0,44444	SW2SVA	LinStatic	0,078	0,353	0	0	0
44	0,88889	SW2SVA	LinStatic	0,078	-0,353	0	0	0
44	1,33333	SW2SVA	LinStatic	0,078	-1,06	0	0	0
44	0	SISMAVA	LinStatic	-0,651	4,326	0	0	0
44	0,44444	SISMAVA	LinStatic	-0,651	1,442	0	0	0
44	0,88889	SISMAVA	LinStatic	-0,651	-1,443	0	0	0
44	1,33333	SISMAVA	LinStatic	-0,651	-4,327	0	0	0
44	0	LM71SVB	LinStatic	-0,094	-1,273	0	0	0
44	0,44444	LM71SVB	LinStatic	-0,094	-0,424	0	0	0
44	0,88889	LM71SVB	LinStatic	-0,094	0,424	0	0	0
44	1,33333	LM71SVB	LinStatic	-0,094	1,273	0	0	0
44	0	SW2SVB	LinStatic	-0,078	-1,06	0	0	0
44	0,44444	SW2SVB	LinStatic	-0,078	-0,353	0	0	0
44	0,88889	SW2SVB	LinStatic	-0,078	0,353	0	0	0
44	1,33333	SW2SVB	LinStatic	-0,078	1,06	0	0	0
44	0	SISMAVB	LinStatic	0,651	-4,326	0	0	0
44	0,44444	SISMAVB	LinStatic	0,651	-1,442	0	0	0
44	0,88889	SISMAVB	LinStatic	0,651	1,443	0	0	0
44	1,33333	SISMAVB	LinStatic	0,651	4,327	0	0	0
45	0	PP	LinStatic	5,5	9,997	0	0	0
45	0,44444	PP	LinStatic	5,5	16,662	0	0	0
45	0,88889	PP	LinStatic	5,5	23,326	0	0	0
45	1,33333	PP	LinStatic	5,5	29,991	0	0	0
45	0	REINTSUP	LinStatic	-0,613	8,32	0	0	0
45	0,44444	REINTSUP	LinStatic	-0,613	13,867	0	0	0
45	0,88889	REINTSUP	LinStatic	-0,613	19,413	0	0	0
45	1,33333	REINTSUP	LinStatic	-0,613	24,96	0	0	0
45	0	BALLAST	LinStatic	-0,707	9,6	0	0	0
45	0,44444	BALLAST	LinStatic	-0,707	16	0	0	0
45	0,88889	BALLAST	LinStatic	-0,707	22,4	0	0	0
45	1,33333	BALLAST	LinStatic	-0,707	28,8	0	0	0
45	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
45	0,44444	STERRASX	LinStatic	-46,084	42,327	0	0	0
45	0,88889	STERRASX	LinStatic	-46,084	42,327	0	0	0
45	1,33333	STERRASX	LinStatic	-46,084	42,327	0	0	0
45	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
45	0,44444	STERRADX	LinStatic	-46,084	-42,327	0	0	0
45	0,88889	STERRADX	LinStatic	-46,084	-42,327	0	0	0
45	1,33333	STERRADX	LinStatic	-46,084	-42,327	0	0	0
45	0	TERMP	LinStatic	-1,146	-4,059E-13	0	0	0
45	0,44444	TERMP	LinStatic	-1,146	-4,059E-13	0	0	0
45	0,88889	TERMP	LinStatic	-1,146	-4,059E-13	0	0	0
45	1,33333	TERMP	LinStatic	-1,146	-4,059E-13	0	0	0
45	0	TERMN	LinStatic	3,437	1,759E-12	0	0	0
45	0,44444	TERMN	LinStatic	3,437	1,759E-12	0	0	0
45	0,88889	TERMN	LinStatic	3,437	1,759E-12	0	0	0
45	1,33333	TERMN	LinStatic	3,437	1,759E-12	0	0	0
45	0	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
45	0,44444	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
45	0,88889	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
45	1,33333	GRADTP	LinStatic	5,524	8,527E-14	0	0	0
45	0	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
45	0,44444	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
45	0,88889	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
45	1,33333	GRADTN	LinStatic	-5,524	-8,527E-14	0	0	0
45	0	LM71C	LinStatic	-3,021	41	0	0	0
45	0,44444	LM71C	LinStatic	-3,021	68,333	0	0	0
45	0,88889	LM71C	LinStatic	-3,021	95,667	0	0	0
45	1,33333	LM71C	LinStatic	-3,021	123	0	0	0
45	0	STLM71	LinStatic	-32,081	32,18	0	0	0
45	0,44444	STLM71	LinStatic	-32,081	32,18	0	0	0
45	0,88889	STLM71	LinStatic	-32,081	32,18	0	0	0
45	1,33333	STLM71	LinStatic	-32,081	32,18	0	0	0
45	0	AVVLM71	LinStatic	-6,793	31,615	0	0	0
45	0,44444	AVVLM71	LinStatic	-11,322	31,615	0	0	0
45	0,88889	AVVLM71	LinStatic	-15,851	31,615	0	0	0
45	1,33333	AVVLM71	LinStatic	-20,38	31,615	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
45	0	SW2	LinStatic	-2,517	34,16	0	0	0
45	0,44444	SW2	LinStatic	-2,517	56,933	0	0	0
45	0,88889	SW2	LinStatic	-2,517	79,707	0	0	0
45	1,33333	SW2	LinStatic	-2,517	102,48	0	0	0
45	0	STSW2	LinStatic	-26,729	26,812	0	0	0
45	0,44444	STSW2	LinStatic	-26,729	26,812	0	0	0
45	0,88889	STSW2	LinStatic	-26,729	26,812	0	0	0
45	1,33333	STSW2	LinStatic	-26,729	26,812	0	0	0
45	0	FRENSW2	LinStatic	-7,207	33,539	0	0	0
45	0,44444	FRENSW2	LinStatic	-12,011	33,539	0	0	0
45	0,88889	FRENSW2	LinStatic	-16,816	33,539	0	0	0
45	1,33333	FRENSW2	LinStatic	-21,62	33,539	0	0	0
45	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
45	0,44444	INCRTER	LinStatic	-73,398	73,625	0	0	0
45	0,88889	INCRTER	LinStatic	-73,398	73,625	0	0	0
45	1,33333	INCRTER	LinStatic	-73,398	73,625	0	0	0
45	0	LM71SISO	LinStatic	-2,567	11,945	0	0	0
45	0,44444	LM71SISO	LinStatic	-4,278	11,945	0	0	0
45	0,88889	LM71SISO	LinStatic	-5,989	11,945	0	0	0
45	1,33333	LM71SISO	LinStatic	-7,7	11,945	0	0	0
45	0	SW2SISO	LinStatic	-2,14	9,959	0	0	0
45	0,44444	SW2SISO	LinStatic	-3,567	9,959	0	0	0
45	0,88889	SW2SISO	LinStatic	-4,993	9,959	0	0	0
45	1,33333	SW2SISO	LinStatic	-6,42	9,959	0	0	0
45	0	SISMAO	LinStatic	-7,733	48,751	0	0	0
45	0,44444	SISMAO	LinStatic	-12,889	48,751	0	0	0
45	0,88889	SISMAO	LinStatic	-18,044	48,751	0	0	0
45	1,33333	SISMAO	LinStatic	-23,2	48,751	0	0	0
45	0	LM71SVA	LinStatic	0,094	-1,273	0	0	0
45	0,44444	LM71SVA	LinStatic	0,094	-2,122	0	0	0
45	0,88889	LM71SVA	LinStatic	0,094	-2,971	0	0	0
45	1,33333	LM71SVA	LinStatic	0,094	-3,82	0	0	0
45	0	SW2SVA	LinStatic	0,078	-1,06	0	0	0
45	0,44444	SW2SVA	LinStatic	0,078	-1,767	0	0	0
45	0,88889	SW2SVA	LinStatic	0,078	-2,473	0	0	0
45	1,33333	SW2SVA	LinStatic	0,078	-3,18	0	0	0
45	0	SISMAVA	LinStatic	-0,651	-4,327	0	0	0
45	0,44444	SISMAVA	LinStatic	-0,651	-7,212	0	0	0
45	0,88889	SISMAVA	LinStatic	-0,651	-10,096	0	0	0
45	1,33333	SISMAVA	LinStatic	-0,651	-12,98	0	0	0
45	0	LM71SVB	LinStatic	-0,094	1,273	0	0	0
45	0,44444	LM71SVB	LinStatic	-0,094	2,122	0	0	0
45	0,88889	LM71SVB	LinStatic	-0,094	2,971	0	0	0
45	1,33333	LM71SVB	LinStatic	-0,094	3,82	0	0	0
45	0	SW2SVB	LinStatic	-0,078	1,06	0	0	0
45	0,44444	SW2SVB	LinStatic	-0,078	1,767	0	0	0
45	0,88889	SW2SVB	LinStatic	-0,078	2,473	0	0	0
45	1,33333	SW2SVB	LinStatic	-0,078	3,18	0	0	0
45	0	SISMAVB	LinStatic	0,651	4,327	0	0	0
45	0,44444	SISMAVB	LinStatic	0,651	7,212	0	0	0
45	0,88889	SISMAVB	LinStatic	0,651	10,096	0	0	0
45	1,33333	SISMAVB	LinStatic	0,651	12,981	0	0	0
46	0	PP	LinStatic	5,5	29,991	0	0	0
46	0,15	PP	LinStatic	5,5	32,24	0	0	0
46	0	REINTSUP	LinStatic	-0,613	24,96	0	0	0
46	0,15	REINTSUP	LinStatic	-0,613	26,832	0	0	0
46	0	BALLAST	LinStatic	-0,707	28,8	0	0	0
46	0,15	BALLAST	LinStatic	-0,707	30,96	0	0	0
46	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
46	0,15	STERRASX	LinStatic	-46,084	42,327	0	0	0
46	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
46	0,15	STERRADX	LinStatic	-46,084	-42,327	0	0	0
46	0	TERMP	LinStatic	-1,146	-4,263E-13	0	0	0
46	0,15	TERMP	LinStatic	-1,146	-4,263E-13	0	0	0
46	0	TERMN	LinStatic	3,437	1,705E-12	0	0	0
46	0,15	TERMN	LinStatic	3,437	1,705E-12	0	0	0
46	0	GRADTP	LinStatic	5,524	0	0	0	0
46	0,15	GRADTP	LinStatic	5,524	0	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
46	0	GRADTN	LinStatic	-5,524	0	0	0	0
46	0,15	GRADTN	LinStatic	-5,524	0	0	0	0
46	0	LM71C	LinStatic	-3,021	123	0	0	0
46	0,15	LM71C	LinStatic	-3,021	132,225	0	0	0
46	0	STLM71	LinStatic	-32,081	32,18	0	0	0
46	0,15	STLM71	LinStatic	-32,081	32,18	0	0	0
46	0	AVVLM71	LinStatic	-20,38	31,615	0	0	0
46	0,15	AVVLM71	LinStatic	-21,909	31,615	0	0	0
46	0	SW2	LinStatic	-2,517	102,48	0	0	0
46	0,15	SW2	LinStatic	-2,517	110,166	0	0	0
46	0	STSW2	LinStatic	-26,729	26,812	0	0	0
46	0,15	STSW2	LinStatic	-26,729	26,812	0	0	0
46	0	FRENSW2	LinStatic	-21,62	33,539	0	0	0
46	0,15	FRENSW2	LinStatic	-23,241	33,539	0	0	0
46	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
46	0,15	INCRTER	LinStatic	-73,398	73,625	0	0	0
46	0	LM71SISO	LinStatic	-7,7	11,945	0	0	0
46	0,15	LM71SISO	LinStatic	-8,278	11,945	0	0	0
46	0	SW2SISO	LinStatic	-6,42	9,959	0	0	0
46	0,15	SW2SISO	LinStatic	-6,901	9,959	0	0	0
46	0	SISMAO	LinStatic	-23,2	48,751	0	0	0
46	0,15	SISMAO	LinStatic	-24,94	48,751	0	0	0
46	0	LM71SVA	LinStatic	0,094	-3,82	0	0	0
46	0,15	LM71SVA	LinStatic	0,094	-4,106	0	0	0
46	0	SW2SVA	LinStatic	0,078	-3,18	0	0	0
46	0,15	SW2SVA	LinStatic	0,078	-3,418	0	0	0
46	0	SISMAVA	LinStatic	-0,651	-12,98	0	0	0
46	0,15	SISMAVA	LinStatic	-0,651	-13,943	0	0	0
46	0	LM71SVB	LinStatic	-0,094	3,82	0	0	0
46	0,15	LM71SVB	LinStatic	-0,094	4,106	0	0	0
46	0	SW2SVB	LinStatic	-0,078	3,18	0	0	0
46	0,15	SW2SVB	LinStatic	-0,078	3,418	0	0	0
46	0	SISMAVB	LinStatic	0,651	12,981	0	0	0
46	0,15	SISMAVB	LinStatic	0,651	13,944	0	0	0
47	0	PP	LinStatic	5,5	32,24	0	0	0
47	0,15	PP	LinStatic	5,5	34,49	0	0	0
47	0	REINTSUP	LinStatic	-0,613	26,832	0	0	0
47	0,15	REINTSUP	LinStatic	-0,613	28,704	0	0	0
47	0	BALLAST	LinStatic	-0,707	30,96	0	0	0
47	0,15	BALLAST	LinStatic	-0,707	33,12	0	0	0
47	0	STERRASX	LinStatic	-46,084	42,327	0	0	0
47	0,15	STERRASX	LinStatic	-46,084	42,327	0	0	0
47	0	STERRADX	LinStatic	-46,084	-42,327	0	0	0
47	0,15	STERRADX	LinStatic	-46,084	-42,327	0	0	0
47	0	TERMP	LinStatic	-1,146	-3,411E-13	0	0	0
47	0,15	TERMP	LinStatic	-1,146	-3,411E-13	0	0	0
47	0	TERMN	LinStatic	3,437	1,478E-12	0	0	0
47	0,15	TERMN	LinStatic	3,437	1,478E-12	0	0	0
47	0	GRADTP	LinStatic	5,524	0	0	0	0
47	0,15	GRADTP	LinStatic	5,524	0	0	0	0
47	0	GRADTN	LinStatic	-5,524	0	0	0	0
47	0,15	GRADTN	LinStatic	-5,524	0	0	0	0
47	0	LM71C	LinStatic	-3,021	132,225	0	0	0
47	0,15	LM71C	LinStatic	-3,021	141,45	0	0	0
47	0	STLM71	LinStatic	-32,081	32,18	0	0	0
47	0,15	STLM71	LinStatic	-32,081	32,18	0	0	0
47	0	AVVLM71	LinStatic	-21,909	31,615	0	0	0
47	0,15	AVVLM71	LinStatic	-23,437	31,615	0	0	0
47	0	SW2	LinStatic	-2,517	110,166	0	0	0
47	0,15	SW2	LinStatic	-2,517	117,852	0	0	0
47	0	STSW2	LinStatic	-26,729	26,812	0	0	0
47	0,15	STSW2	LinStatic	-26,729	26,812	0	0	0
47	0	FRENSW2	LinStatic	-23,242	33,539	0	0	0
47	0,15	FRENSW2	LinStatic	-24,863	33,539	0	0	0
47	0	INCRTER	LinStatic	-73,398	73,625	0	0	0
47	0,15	INCRTER	LinStatic	-73,398	73,625	0	0	0
47	0	LM71SISO	LinStatic	-8,278	11,945	0	0	0
47	0,15	LM71SISO	LinStatic	-8,855	11,945	0	0	0

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
47	0	SW2SISO	LinStatic	-6,902	9,959	0	0	0
47	0,15	SW2SISO	LinStatic	-7,383	9,959	0	0	0
47	0	SISMAO	LinStatic	-24,94	48,751	0	0	0
47	0,15	SISMAO	LinStatic	-26,68	48,751	0	0	0
47	0	LM71SVA	LinStatic	0,094	-4,106	0	0	0
47	0,15	LM71SVA	LinStatic	0,094	-4,393	0	0	0
47	0	SW2SVA	LinStatic	0,078	-3,418	0	0	0
47	0,15	SW2SVA	LinStatic	0,078	-3,657	0	0	0
47	0	SISMAVA	LinStatic	-0,651	-13,943	0	0	0
47	0,15	SISMAVA	LinStatic	-0,651	-14,917	0	0	0
47	0	LM71SVB	LinStatic	-0,094	4,106	0	0	0
47	0,15	LM71SVB	LinStatic	-0,094	4,393	0	0	0
47	0	SW2SVB	LinStatic	-0,078	3,418	0	0	0
47	0,15	SW2SVB	LinStatic	-0,078	3,657	0	0	0
47	0	SISMAVB	LinStatic	0,651	13,944	0	0	0
47	0,15	SISMAVB	LinStatic	0,651	14,912	0	0	0

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0	PP	39,2421	1-1	0
1	0,15	PP	20,5379	1-1	0,15
1	0	REINTSUP	6,1565	1-1	0
1	0,15	REINTSUP	1,9937	1-1	0,15
1	0	BALLAST	7,1037	1-1	0
1	0,15	BALLAST	2,3004	1-1	0,15
1	0	STERRASX	261,5919	1-1	0
1	0,15	STERRASX	265,9701	1-1	0,15
1	0	STERRADX	-159,7744	1-1	0
1	0,15	STERRADX	-164,1638	1-1	0,15
1	0	TERMP	-3,9019	1-1	0
1	0,15	TERMP	-3,9015	1-1	0,15
1	0	TERMN	11,7057	1-1	0
1	0,15	TERMN	11,7044	1-1	0,15
1	0	GRADTP	7,7625	1-1	0
1	0,15	GRADTP	7,7617	1-1	0,15
1	0	GRADTN	-7,7625	1-1	0
1	0,15	GRADTN	-7,7617	1-1	0,15
1	0	LM71C	30,3388	1-1	0
1	0,15	LM71C	9,8248	1-1	0,15
1	0	STLM71	159,1183	1-1	0
1	0,15	STLM71	162,6147	1-1	0,15
1	0	AVVLM71	74,9386	1-1	0
1	0,15	AVVLM71	78,7394	1-1	0,15
1	0	SW2	25,2774	1-1	0
1	0,15	SW2	8,1858	1-1	0,15
1	0	STSW2	132,5733	1-1	0
1	0,15	STSW2	135,4864	1-1	0,15
1	0	FRENSW2	79,4982	1-1	0
1	0,15	FRENSW2	83,5303	1-1	0,15
1	0	INCRTER	364,0457	1-1	0
1	0,15	INCRTER	372,045	1-1	0,15
1	0	LM71SISO	28,3134	1-1	0
1	0,15	LM71SISO	29,7494	1-1	0,15
1	0	SW2SISO	23,6068	1-1	0
1	0,15	SW2SISO	24,8041	1-1	0,15
1	0	SISMAO	138,5112	1-1	0
1	0,15	SISMAO	144,2256	1-1	0,15
1	0	LM71SVA	-0,9422	1-1	0
1	0,15	LM71SVA	-0,3051	1-1	0,15
1	0	SW2SVA	-0,7844	1-1	0
1	0,15	SW2SVA	-0,254	1-1	0,15
1	0	SISMAVA	-8,152	1-1	0
1	0,15	SISMAVA	-3,8582	1-1	0,15
1	0	LM71SVB	0,9422	1-1	0
1	0,15	LM71SVB	0,3051	1-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0	SW2SVB	0,7844	1-1	0
1	0,15	SW2SVB	0,254	1-1	0,15
1	0	SISMAVB	8,1512	1-1	0
1	0,15	SISMAVB	3,8575	1-1	0,15
2	0	PP	20,5379	2-1	0
2	0,15	PP	3,1113	2-1	0,15
2	0	REINTSUP	1,9937	2-1	0
2	0,15	REINTSUP	-1,8843	2-1	0,15
2	0	BALLAST	2,3004	2-1	0
2	0,15	BALLAST	-2,1742	2-1	0,15
2	0	STERRASX	265,9701	2-1	0
2	0,15	STERRASX	266,6691	2-1	0,15
2	0	STERRADX	-164,1638	2-1	0
2	0,15	STERRADX	-164,892	2-1	0,15
2	0	TERMP	-3,9015	2-1	0
2	0,15	TERMP	-3,9003	2-1	0,15
2	0	TERMN	11,7044	2-1	0
2	0,15	TERMN	11,701	2-1	0,15
2	0	GRADTP	7,7617	2-1	0
2	0,15	GRADTP	7,7594	2-1	0,15
2	0	GRADTN	-7,7617	2-1	0
2	0,15	GRADTN	-7,7594	2-1	0,15
2	0	LM71C	9,8248	2-1	0
2	0,15	LM71C	-9,2856	2-1	0,15
2	0	STLM71	162,6147	2-1	0
2	0,15	STLM71	163,6265	2-1	0,15
2	0	AVVLM71	78,7394	2-1	0
2	0,15	AVVLM71	80,7817	2-1	0,15
2	0	SW2	8,1858	2-1	0
2	0,15	SW2	-7,7365	2-1	0,15
2	0	STSW2	135,4864	2-1	0
2	0,15	STSW2	136,3294	2-1	0,15
2	0	FRENSW2	83,5303	2-1	0
2	0,15	FRENSW2	85,6968	2-1	0,15
2	0	INCRTER	372,045	2-1	0
2	0,15	INCRTER	374,3599	2-1	0,15
2	0	LM71SISO	29,7494	2-1	0
2	0,15	LM71SISO	30,5211	2-1	0,15
2	0	SW2SISO	24,8041	2-1	0
2	0,15	SW2SISO	25,4474	2-1	0,15
2	0	SISMAO	144,2256	2-1	0
2	0,15	SISMAO	146,9545	2-1	0,15
2	0	LM71SVA	-0,3051	2-1	0
2	0,15	LM71SVA	0,2884	2-1	0,15
2	0	SW2SVA	-0,254	2-1	0
2	0,15	SW2SVA	0,2401	2-1	0,15
2	0	SISMAVA	-3,8582	2-1	0
2	0,15	SISMAVA	0,142	2-1	0,15
2	0	LM71SVB	0,3051	2-1	0
2	0,15	LM71SVB	-0,2884	2-1	0,15
2	0	SW2SVB	0,254	2-1	0
2	0,15	SW2SVB	-0,2401	2-1	0,15
2	0	SISMAVB	3,8575	2-1	0
2	0,15	SISMAVB	-0,1427	2-1	0,15
3	0	PP	3,1113	3-1	0
3	0,2	PP	-18,1414	3-1	0,2
3	0	REINTSUP	-1,8843	3-1	0
3	0,2	REINTSUP	-6,6131	3-1	0,2
3	0	BALLAST	-2,1742	3-1	0
3	0,2	BALLAST	-7,6305	3-1	0,2
3	0	STERRASX	266,6691	3-1	0
3	0,2	STERRASX	262,2847	3-1	0,2
3	0	STERRADX	-164,892	3-1	0
3	0,2	STERRADX	-160,5685	3-1	0,2
3	0	TERMP	-3,9003	3-1	0
3	0,2	TERMP	-3,898	3-1	0,2
3	0	TERMN	11,701	3-1	0
3	0,2	TERMN	11,694	3-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
3	0	GRADTP	7,7594	3-1	0
3	0,2	GRADTP	7,7548	3-1	0,2
3	0	GRADTN	-7,7594	3-1	0
3	0,2	GRADTN	-7,7548	3-1	0,2
3	0	LM71C	-9,2856	3-1	0
3	0,2	LM71C	-32,5888	3-1	0,2
3	0	STLM71	163,6265	3-1	0
3	0,2	STLM71	161,3848	3-1	0,2
3	0	AVVLM71	80,7817	3-1	0
3	0,2	AVVLM71	80,9622	3-1	0,2
3	0	SW2	-7,7365	3-1	0
3	0,2	SW2	-27,152	3-1	0,2
3	0	STSW2	136,3294	3-1	0
3	0,2	STSW2	134,4617	3-1	0,2
3	0	FRENSW2	85,6968	3-1	0
3	0,2	FRENSW2	85,8882	3-1	0,2
3	0	INCRTER	374,3599	3-1	0
3	0,2	INCRTER	369,2312	3-1	0,2
3	0	LM71SISO	30,5211	3-1	0
3	0,2	LM71SISO	30,5892	3-1	0,2
3	0	SW2SISO	25,4474	3-1	0
3	0,2	SW2SISO	25,5043	3-1	0,2
3	0	SISMAO	146,9545	3-1	0
3	0,2	SISMAO	146,2769	3-1	0,2
3	0	LM71SVA	0,2884	3-1	0
3	0,2	LM71SVA	1,0121	3-1	0,2
3	0	SW2SVA	0,2401	3-1	0
3	0,2	SW2SVA	0,8425	3-1	0,2
3	0	SISMAVA	0,142	3-1	0
3	0,2	SISMAVA	5,0202	3-1	0,2
3	0	LM71SVB	-0,2884	3-1	0
3	0,2	LM71SVB	-1,0121	3-1	0,2
3	0	SW2SVB	-0,2401	3-1	0
3	0,2	SW2SVB	-0,8425	3-1	0,2
3	0	SISMAVB	-0,1427	3-1	0
3	0,2	SISMAVB	-5,0207	3-1	0,2
4	0	PP	-18,1414	4-1	0
4	0,2	PP	-37,1351	4-1	0,2
4	0	REINTSUP	-6,6131	4-1	0
4	0,2	REINTSUP	-10,8387	4-1	0,2
4	0	BALLAST	-7,6305	4-1	0
4	0,2	BALLAST	-12,5062	4-1	0,2
4	0	STERRASX	262,2847	4-1	0
4	0,2	STERRASX	252,4419	4-1	0,2
4	0	STERRADX	-160,5685	4-1	0
4	0,2	STERRADX	-150,8032	4-1	0,2
4	0	TERMP	-3,898	4-1	0
4	0,2	TERMP	-3,895	4-1	0,2
4	0	TERMN	11,694	4-1	0
4	0,2	TERMN	11,6851	4-1	0,2
4	0	GRADTP	7,7548	4-1	0
4	0,2	GRADTP	7,7489	4-1	0,2
4	0	GRADTN	-7,7548	4-1	0
4	0,2	GRADTN	-7,7489	4-1	0,2
4	0	LM71C	-32,5888	4-1	0
4	0,2	LM71C	-53,412	4-1	0,2
4	0	STLM71	161,3848	4-1	0
4	0,2	STLM71	155,4559	4-1	0,2
4	0	AVVLM71	80,9622	4-1	0
4	0,2	AVVLM71	78,5303	4-1	0,2
4	0	SW2	-27,152	4-1	0
4	0,2	SW2	-44,5014	4-1	0,2
4	0	STSW2	134,4617	4-1	0
4	0,2	STSW2	129,5219	4-1	0,2
4	0	FRENSW2	85,8882	4-1	0
4	0,2	FRENSW2	83,3084	4-1	0,2
4	0	INCRTER	369,2312	4-1	0
4	0,2	INCRTER	355,6666	4-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
4	0	LM71SISO	30,5892	4-1	0
4	0,2	LM71SISO	29,6704	4-1	0,2
4	0	SW2SISO	25,5043	4-1	0
4	0,2	SW2SISO	24,7382	4-1	0,2
4	0	SISMAO	146,2769	4-1	0
4	0,2	SISMAO	141,1648	4-1	0,2
4	0	LM71SVA	1,0121	4-1	0
4	0,2	LM71SVA	1,6588	4-1	0,2
4	0	SW2SVA	0,8425	4-1	0
4	0,2	SW2SVA	1,3809	4-1	0,2
4	0	SISMAVA	5,0202	4-1	0
4	0,2	SISMAVA	9,3795	4-1	0,2
4	0	LM71SVB	-1,0121	4-1	0
4	0,2	LM71SVB	-1,6588	4-1	0,2
4	0	SW2SVB	-0,8425	4-1	0
4	0,2	SW2SVB	-1,3809	4-1	0,2
4	0	SISMAVB	-5,0207	4-1	0
4	0,2	SISMAVB	-9,3797	4-1	0,2
5	0	PP	-37,1351	5-1	0
5	0,2	PP	-53,8764	5-1	0,2
5	0	REINTSUP	-10,8387	5-1	0
5	0,2	REINTSUP	-14,5628	5-1	0,2
5	0	BALLAST	-12,5062	5-1	0
5	0,2	BALLAST	-16,8032	5-1	0,2
5	0	STERRASX	252,4419	5-1	0
5	0,2	STERRASX	237,7561	5-1	0,2
5	0	STERRADX	-150,8032	5-1	0
5	0,2	STERRADX	-136,2037	5-1	0,2
5	0	TERMP	-3,895	5-1	0
5	0,2	TERMP	-3,8917	5-1	0,2
5	0	TERMN	11,6851	5-1	0
5	0,2	TERMN	11,6752	5-1	0,2
5	0	GRADTP	7,7489	5-1	0
5	0,2	GRADTP	7,7423	5-1	0,2
5	0	GRADTN	-7,7489	5-1	0
5	0,2	GRADTN	-7,7423	5-1	0,2
5	0	LM71C	-53,412	5-1	0
5	0,2	LM71C	-71,7636	5-1	0,2
5	0	STLM71	155,4559	5-1	0
5	0,2	STLM71	146,2547	5-1	0,2
5	0	AVVLM71	78,5303	5-1	0
5	0,2	AVVLM71	73,7786	5-1	0,2
5	0	SW2	-44,5014	5-1	0
5	0,2	SW2	-59,7914	5-1	0,2
5	0	STSW2	129,5219	5-1	0
5	0,2	STSW2	121,8557	5-1	0,2
5	0	FRENSW2	83,3084	5-1	0
5	0,2	FRENSW2	78,2676	5-1	0,2
5	0	INCRTER	355,6666	5-1	0
5	0,2	INCRTER	334,6152	5-1	0,2
5	0	LM71SISO	29,6704	5-1	0
5	0,2	LM71SISO	27,8751	5-1	0,2
5	0	SW2SISO	24,7382	5-1	0
5	0,2	SW2SISO	23,2413	5-1	0,2
5	0	SISMAO	141,1648	5-1	0
5	0,2	SISMAO	132,1152	5-1	0,2
5	0	LM71SVA	1,6588	5-1	0
5	0,2	LM71SVA	2,2288	5-1	0,2
5	0	SW2SVA	1,3809	5-1	0
5	0,2	SW2SVA	1,8554	5-1	0,2
5	0	SISMAVA	9,3795	5-1	0
5	0,2	SISMAVA	13,2215	5-1	0,2
5	0	LM71SVB	-1,6588	5-1	0
5	0,2	LM71SVB	-2,2288	5-1	0,2
5	0	SW2SVB	-1,3809	5-1	0
5	0,2	SW2SVB	-1,8554	5-1	0,2
5	0	SISMAVB	-9,3797	5-1	0
5	0,2	SISMAVB	-13,2215	5-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
6	0	PP	-53,8764	6-1	0
6	0,2	PP	-68,3715	6-1	0,2
6	0	REINTSUP	-14,5628	6-1	0
6	0,2	REINTSUP	-17,7868	6-1	0,2
6	0	BALLAST	-16,8032	6-1	0
6	0,2	BALLAST	-20,5232	6-1	0,2
6	0	STERRASX	237,7561	6-1	0
6	0,2	STERRASX	218,84	6-1	0,2
6	0	STERRADX	-136,2037	6-1	0
6	0,2	STERRADX	-117,3762	6-1	0,2
6	0	TERMP	-3,8917	6-1	0
6	0,2	TERMP	-3,8883	6-1	0,2
6	0	TERMN	11,6752	6-1	0
6	0,2	TERMN	11,665	6-1	0,2
6	0	GRADTP	7,7423	6-1	0
6	0,2	GRADTP	7,7355	6-1	0,2
6	0	GRADTN	-7,7423	6-1	0
6	0,2	GRADTN	-7,7355	6-1	0,2
6	0	LM71C	-71,7636	6-1	0
6	0,2	LM71C	-87,6513	6-1	0,2
6	0	STLM71	146,2547	6-1	0
6	0,2	STLM71	134,1947	6-1	0,2
6	0	AVVLM71	73,7786	6-1	0
6	0,2	AVVLM71	66,999	6-1	0,2
6	0	SW2	-59,7914	6-1	0
6	0,2	SW2	-73,0285	6-1	0,2
6	0	STSW2	121,8557	6-1	0
6	0,2	STSW2	111,8076	6-1	0,2
6	0	FRENSW2	78,2676	6-1	0
6	0,2	FRENSW2	71,0755	6-1	0,2
6	0	INCRTER	334,6152	6-1	0
6	0,2	INCRTER	307,0231	6-1	0,2
6	0	LM71SISO	27,8751	6-1	0
6	0,2	LM71SISO	25,3137	6-1	0,2
6	0	SW2SISO	23,2413	6-1	0
6	0,2	SW2SISO	21,1057	6-1	0,2
6	0	SISMAO	132,1152	6-1	0
6	0,2	SISMAO	119,6235	6-1	0,2
6	0	LM71SVA	2,2288	6-1	0
6	0,2	LM71SVA	2,7222	6-1	0,2
6	0	SW2SVA	1,8554	6-1	0
6	0,2	SW2SVA	2,2661	6-1	0,2
6	0	SISMAVA	13,2215	6-1	0
6	0,2	SISMAVA	16,5478	6-1	0,2
6	0	LM71SVB	-2,2288	6-1	0
6	0,2	LM71SVB	-2,7222	6-1	0,2
6	0	SW2SVB	-1,8554	6-1	0
6	0,2	SW2SVB	-2,2661	6-1	0,2
6	0	SISMAVB	-13,2215	6-1	0
6	0,2	SISMAVB	-16,5475	6-1	0,2
7	0	PP	-68,3715	7-1	0
7	0,2	PP	-80,6262	7-1	0,2
7	0	REINTSUP	-17,7868	7-1	0
7	0,2	REINTSUP	-20,5122	7-1	0,2
7	0	BALLAST	-20,5232	7-1	0
7	0,2	BALLAST	-23,668	7-1	0,2
7	0	STERRASX	218,84	7-1	0
7	0,2	STERRASX	196,3045	7-1	0,2
7	0	STERRADX	-117,3762	7-1	0
7	0,2	STERRADX	-94,9254	7-1	0,2
7	0	TERMP	-3,8883	7-1	0
7	0,2	TERMP	-3,8851	7-1	0,2
7	0	TERMN	11,665	7-1	0
7	0,2	TERMN	11,6553	7-1	0,2
7	0	GRADTP	7,7355	7-1	0
7	0,2	GRADTP	7,7291	7-1	0,2
7	0	GRADTN	-7,7355	7-1	0
7	0,2	GRADTN	-7,7291	7-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
7	0	LM71C	-87,6513	7-1	0
7	0,2	LM71C	-101,082	7-1	0,2
7	0	STLM71	134,1947	7-1	0
7	0,2	STLM71	119,6879	7-1	0,2
7	0	AVVLM71	66,999	7-1	0
7	0,2	AVVLM71	58,4827	7-1	0,2
7	0	SW2	-73,0285	7-1	0
7	0,2	SW2	-84,2185	7-1	0,2
7	0	STSW2	111,8076	7-1	0
7	0,2	STSW2	99,7209	7-1	0,2
7	0	FRENSW2	71,0755	7-1	0
7	0,2	FRENSW2	62,041	7-1	0,2
7	0	INCRTER	307,0231	7-1	0
7	0,2	INCRTER	273,8331	7-1	0,2
7	0	LM71SISO	25,3137	7-1	0
7	0,2	LM71SISO	22,096	7-1	0,2
7	0	SW2SISO	21,1057	7-1	0
7	0,2	SW2SISO	18,4229	7-1	0,2
7	0	SISMAO	119,6235	7-1	0
7	0,2	SISMAO	104,184	7-1	0,2
7	0	LM71SVA	2,7222	7-1	0
7	0,2	LM71SVA	3,1393	7-1	0,2
7	0	SW2SVA	2,2661	7-1	0
7	0,2	SW2SVA	2,6133	7-1	0,2
7	0	SISMAVA	16,5478	7-1	0
7	0,2	SISMAVA	19,3598	7-1	0,2
7	0	LM71SVB	-2,7222	7-1	0
7	0,2	LM71SVB	-3,1393	7-1	0,2
7	0	SW2SVB	-2,2661	7-1	0
7	0,2	SW2SVB	-2,6133	7-1	0,2
7	0	SISMAVB	-16,5475	7-1	0
7	0,2	SISMAVB	-19,3592	7-1	0,2
8	0	PP	-80,6262	8-1	0
8	0,2	PP	-90,6454	8-1	0,2
8	0	REINTSUP	-20,5122	8-1	0
8	0,2	REINTSUP	-22,7404	8-1	0,2
8	0	BALLAST	-23,668	8-1	0
8	0,2	BALLAST	-26,2389	8-1	0,2
8	0	STERRASX	196,3045	8-1	0
8	0,2	STERRASX	170,758	8-1	0,2
8	0	STERRADX	-94,9254	8-1	0
8	0,2	STERRADX	-69,455	8-1	0,2
8	0	TERMP	-3,8851	8-1	0
8	0,2	TERMP	-3,8822	8-1	0,2
8	0	TERMN	11,6553	8-1	0
8	0,2	TERMN	11,6465	8-1	0,2
8	0	GRADTP	7,7291	8-1	0
8	0,2	GRADTP	7,7233	8-1	0,2
8	0	GRADTN	-7,7291	8-1	0
8	0,2	GRADTN	-7,7233	8-1	0,2
8	0	LM71C	-101,082	8-1	0
8	0,2	LM71C	-112,0619	8-1	0,2
8	0	STLM71	119,6879	8-1	0
8	0,2	STLM71	103,1451	8-1	0,2
8	0	AVVLM71	58,4827	8-1	0
8	0,2	AVVLM71	48,5201	8-1	0,2
8	0	SW2	-84,2185	8-1	0
8	0,2	SW2	-93,3667	8-1	0,2
8	0	STSW2	99,7209	8-1	0
8	0,2	STSW2	85,9379	8-1	0,2
8	0	FRENSW2	62,041	8-1	0
8	0,2	FRENSW2	51,4723	8-1	0,2
8	0	INCRTER	273,8331	8-1	0
8	0,2	INCRTER	235,9851	8-1	0,2
8	0	LM71SISO	22,096	8-1	0
8	0,2	LM71SISO	18,3319	8-1	0,2
8	0	SW2SISO	18,4229	8-1	0
8	0,2	SW2SISO	15,2846	8-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
8	0	SISMAO	104,184	8-1	0
8	0,2	SISMAO	86,29	8-1	0,2
8	0	LM71SVA	3,1393	8-1	0
8	0,2	LM71SVA	3,4803	8-1	0,2
8	0	SW2SVA	2,6133	8-1	0
8	0,2	SW2SVA	2,8972	8-1	0,2
8	0	SISMAVA	19,3598	8-1	0
8	0,2	SISMAVA	21,6586	8-1	0,2
8	0	LM71SVB	-3,1393	8-1	0
8	0,2	LM71SVB	-3,4803	8-1	0,2
8	0	SW2SVB	-2,6133	8-1	0
8	0,2	SW2SVB	-2,8972	8-1	0,2
8	0	SISMAVB	-19,3592	8-1	0
8	0,2	SISMAVB	-21,6577	8-1	0,2
9	0	PP	-90,6454	9-1	0
9	0,2	PP	-98,4335	9-1	0,2
9	0	REINTSUP	-22,7404	9-1	0
9	0,2	REINTSUP	-24,4722	9-1	0,2
9	0	BALLAST	-26,2389	9-1	0
9	0,2	BALLAST	-28,2372	9-1	0,2
9	0	STERRASX	170,758	9-1	0
9	0,2	STERRASX	142,8073	9-1	0,2
9	0	STERRADX	-69,455	9-1	0
9	0,2	STERRADX	-41,5678	9-1	0,2
9	0	TERMP	-3,8822	9-1	0
9	0,2	TERMP	-3,8797	9-1	0,2
9	0	TERMN	11,6465	9-1	0
9	0,2	TERMN	11,6392	9-1	0,2
9	0	GRADTP	7,7233	9-1	0
9	0,2	GRADTP	7,7184	9-1	0,2
9	0	GRADTN	-7,7233	9-1	0
9	0,2	GRADTN	-7,7184	9-1	0,2
9	0	LM71C	-112,0619	9-1	0
9	0,2	LM71C	-120,5962	9-1	0,2
9	0	STLM71	103,1451	9-1	0
9	0,2	STLM71	84,9762	9-1	0,2
9	0	AVVLM71	48,5201	9-1	0
9	0,2	AVVLM71	37,4012	9-1	0,2
9	0	SW2	-93,3667	9-1	0
9	0,2	SW2	-100,4772	9-1	0,2
9	0	STSW2	85,9379	9-1	0
9	0,2	STSW2	70,8	9-1	0,2
9	0	FRENSW2	51,4723	9-1	0
9	0,2	FRENSW2	39,6769	9-1	0,2
9	0	INCRTER	235,9851	9-1	0
9	0,2	INCRTER	194,4165	9-1	0,2
9	0	LM71SISO	18,3319	9-1	0
9	0,2	LM71SISO	14,131	9-1	0,2
9	0	SW2SISO	15,2846	9-1	0
9	0,2	SW2SISO	11,7819	9-1	0,2
9	0	SISMAO	86,29	9-1	0
9	0,2	SISMAO	66,4335	9-1	0,2
9	0	LM71SVA	3,4803	9-1	0
9	0,2	LM71SVA	3,7453	9-1	0,2
9	0	SW2SVA	2,8972	9-1	0
9	0,2	SW2SVA	3,1179	9-1	0,2
9	0	SISMAVA	21,6586	9-1	0
9	0,2	SISMAVA	23,4454	9-1	0,2
9	0	LM71SVB	-3,4803	9-1	0
9	0,2	LM71SVB	-3,7453	9-1	0,2
9	0	SW2SVB	-2,8972	9-1	0
9	0,2	SW2SVB	-3,1179	9-1	0,2
9	0	SISMAVB	-21,6577	9-1	0
9	0,2	SISMAVB	-23,4441	9-1	0,2
10	0	PP	-98,4335	10-1	0
10	0,2	PP	-103,994	10-1	0,2
10	0	REINTSUP	-24,4722	10-1	0
10	0,2	REINTSUP	-25,7086	10-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
10	0	BALLAST	-28,2372	10-1	0
10	0,2	BALLAST	-29,6638	10-1	0,2
10	0	STERRASX	142,8073	10-1	0
10	0,2	STERRASX	113,0577	10-1	0,2
10	0	STERRADX	-41,5678	10-1	0
10	0,2	STERRADX	-11,8657	10-1	0,2
10	0	TERMP	-3,8797	10-1	0
10	0,2	TERMP	-3,8779	10-1	0,2
10	0	TERMN	11,6392	10-1	0
10	0,2	TERMN	11,6338	10-1	0,2
10	0	GRADTP	7,7184	10-1	0
10	0,2	GRADTP	7,7148	10-1	0,2
10	0	GRADTN	-7,7184	10-1	0
10	0,2	GRADTN	-7,7148	10-1	0,2
10	0	LM71C	-120,5962	10-1	0
10	0,2	LM71C	-126,6891	10-1	0,2
10	0	STLM71	84,9762	10-1	0
10	0,2	STLM71	65,5898	10-1	0,2
10	0	AVVLM71	37,4012	10-1	0
10	0,2	AVVLM71	25,4155	10-1	0,2
10	0	SW2	-100,4772	10-1	0
10	0,2	SW2	-105,5537	10-1	0,2
10	0	STSW2	70,8	10-1	0
10	0,2	STSW2	54,6478	10-1	0,2
10	0	FRENSW2	39,6769	10-1	0
10	0,2	FRENSW2	26,9619	10-1	0,2
10	0	INCRTER	194,4165	10-1	0
10	0,2	INCRTER	150,0625	10-1	0,2
10	0	LM71SISO	14,131	10-1	0
10	0,2	LM71SISO	9,6025	10-1	0,2
10	0	SW2SISO	11,7819	10-1	0
10	0,2	SW2SISO	8,0063	10-1	0,2
10	0	SISMAO	66,4335	10-1	0
10	0,2	SISMAO	45,106	10-1	0,2
10	0	LM71SVA	3,7453	10-1	0
10	0,2	LM71SVA	3,9346	10-1	0,2
10	0	SW2SVA	3,1179	10-1	0
10	0,2	SW2SVA	3,2754	10-1	0,2
10	0	SISMAVA	23,4454	10-1	0
10	0,2	SISMAVA	24,7209	10-1	0,2
10	0	LM71SVB	-3,7453	10-1	0
10	0,2	LM71SVB	-3,9346	10-1	0,2
10	0	SW2SVB	-3,1179	10-1	0
10	0,2	SW2SVB	-3,2754	10-1	0,2
10	0	SISMAVB	-23,4441	10-1	0
10	0,2	SISMAVB	-24,7193	10-1	0,2
11	0	PP	-103,994	11-1	0
11	0,2	PP	-107,3292	11-1	0,2
11	0	REINTSUP	-25,7086	11-1	0
11	0,2	REINTSUP	-26,4502	11-1	0,2
11	0	BALLAST	-29,6638	11-1	0
11	0,2	BALLAST	-30,5195	11-1	0,2
11	0	STERRASX	113,0577	11-1	0
11	0,2	STERRASX	82,1131	11-1	0,2
11	0	STERRADX	-11,8657	11-1	0
11	0,2	STERRADX	19,0495	11-1	0,2
11	0	TERMP	-3,8779	11-1	0
11	0,2	TERMP	-3,8768	11-1	0,2
11	0	TERMN	11,6338	11-1	0
11	0,2	TERMN	11,6304	11-1	0,2
11	0	GRADTP	7,7148	11-1	0
11	0,2	GRADTP	7,7126	11-1	0,2
11	0	GRADTN	-7,7148	11-1	0
11	0,2	GRADTN	-7,7126	11-1	0,2
11	0	LM71C	-126,6891	11-1	0
11	0,2	LM71C	-130,3437	11-1	0,2
11	0	STLM71	65,5898	11-1	0
11	0,2	STLM71	45,394	11-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
11	0	AVVLM71	25,4155	11-1	0
11	0,2	AVVLM71	12,8522	11-1	0,2
11	0	SW2	-105,5537	11-1	0
11	0,2	SW2	-108,5985	11-1	0,2
11	0	STSW2	54,6478	11-1	0
11	0,2	STSW2	37,8211	11-1	0,2
11	0	FRENSW2	26,9619	11-1	0
11	0,2	FRENSW2	13,6341	11-1	0,2
11	0	INCRTER	150,0625	11-1	0
11	0,2	INCRTER	103,8567	11-1	0,2
11	0	LM71SISO	9,6025	11-1	0
11	0,2	LM71SISO	4,8558	11-1	0,2
11	0	SW2SISO	8,0063	11-1	0
11	0,2	SW2SISO	4,0486	11-1	0,2
11	0	SISMAO	45,106	11-1	0
11	0,2	SISMAO	22,798	11-1	0,2
11	0	LM71SVA	3,9346	11-1	0
11	0,2	LM71SVA	4,0481	11-1	0,2
11	0	SW2SVA	3,2754	11-1	0
11	0,2	SW2SVA	3,3699	11-1	0,2
11	0	SISMAVA	24,7209	11-1	0
11	0,2	SISMAVA	25,4857	11-1	0,2
11	0	LM71SVB	-3,9346	11-1	0
11	0,2	LM71SVB	-4,0481	11-1	0,2
11	0	SW2SVB	-3,2754	11-1	0
11	0,2	SW2SVB	-3,3699	11-1	0,2
11	0	SISMAVB	-24,7193	11-1	0
11	0,2	SISMAVB	-25,4838	11-1	0,2
12	0	PP	-107,3292	12-1	0
12	0,2	PP	-108,4408	12-1	0,2
12	0	REINTSUP	-26,4502	12-1	0
12	0,2	REINTSUP	-26,6974	12-1	0,2
12	0	BALLAST	-30,5195	12-1	0
12	0,2	BALLAST	-30,8047	12-1	0,2
12	0	STERRASX	82,1131	12-1	0
12	0,2	STERRASX	50,5763	12-1	0,2
12	0	STERRADX	19,0495	12-1	0
12	0,2	STERRADX	50,5763	12-1	0,2
12	0	TERMP	-3,8768	12-1	0
12	0,2	TERMP	-3,8764	12-1	0,2
12	0	TERMN	11,6304	12-1	0
12	0,2	TERMN	11,6292	12-1	0,2
12	0	GRADTP	7,7126	12-1	0
12	0,2	GRADTP	7,7118	12-1	0,2
12	0	GRADTN	-7,7126	12-1	0
12	0,2	GRADTN	-7,7118	12-1	0,2
12	0	LM71C	-130,3437	12-1	0
12	0,2	LM71C	-131,5617	12-1	0,2
12	0	STLM71	45,394	12-1	0
12	0,2	STLM71	24,7961	12-1	0,2
12	0	AVVLM71	12,8522	12-1	0
12	0,2	AVVLM71	5,537E-10	12-1	0,2
12	0	SW2	-108,5985	12-1	0
12	0,2	SW2	-109,6133	12-1	0,2
12	0	STSW2	37,8211	12-1	0
12	0,2	STSW2	20,6595	12-1	0,2
12	0	FRENSW2	13,6341	12-1	0
12	0,2	FRENSW2	5,886E-10	12-1	0,2
12	0	INCRTER	103,8567	12-1	0
12	0,2	INCRTER	56,7309	12-1	0,2
12	0	LM71SISO	4,8558	12-1	0
12	0,2	LM71SISO	2,088E-10	12-1	0,2
12	0	SW2SISO	4,0486	12-1	0
12	0,2	SW2SISO	1,735E-10	12-1	0,2
12	0	SISMAO	22,798	12-1	0
12	0,2	SISMAO	9,896E-10	12-1	0,2
12	0	LM71SVA	4,0481	12-1	0
12	0,2	LM71SVA	4,0859	12-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
12	0	SW2SVA	3,3699	12-1	0
12	0,2	SW2SVA	3,4014	12-1	0,2
12	0	SISMAVA	25,4857	12-1	0
12	0,2	SISMAVA	25,7403	12-1	0,2
12	0	LM71SVB	-4,0481	12-1	0
12	0,2	LM71SVB	-4,0859	12-1	0,2
12	0	SW2SVB	-3,3699	12-1	0
12	0,2	SW2SVB	-3,4014	12-1	0,2
12	0	SISMAVB	-25,4838	12-1	0
12	0,2	SISMAVB	-25,7382	12-1	0,2
13	0	PP	-108,4408	13-1	0
13	0,2	PP	-107,3292	13-1	0,2
13	0	REINTSUP	-26,6974	13-1	0
13	0,2	REINTSUP	-26,4502	13-1	0,2
13	0	BALLAST	-30,8047	13-1	0
13	0,2	BALLAST	-30,5195	13-1	0,2
13	0	STERRASX	50,5763	13-1	0
13	0,2	STERRASX	19,0495	13-1	0,2
13	0	STERRADX	50,5763	13-1	0
13	0,2	STERRADX	82,1131	13-1	0,2
13	0	TERMP	-3,8764	13-1	0
13	0,2	TERMP	-3,8768	13-1	0,2
13	0	TERMN	11,6292	13-1	0
13	0,2	TERMN	11,6304	13-1	0,2
13	0	GRADTP	7,7118	13-1	0
13	0,2	GRADTP	7,7126	13-1	0,2
13	0	GRADTN	-7,7118	13-1	0
13	0,2	GRADTN	-7,7126	13-1	0,2
13	0	LM71C	-131,5617	13-1	0
13	0,2	LM71C	-130,3437	13-1	0,2
13	0	STLM71	24,7961	13-1	0
13	0,2	STLM71	4,2031	13-1	0,2
13	0	AVVLM71	5,384E-10	13-1	0
13	0,2	AVVLM71	-12,8522	13-1	0,2
13	0	SW2	-109,6133	13-1	0
13	0,2	SW2	-108,5985	13-1	0,2
13	0	STSW2	20,6595	13-1	0
13	0,2	STSW2	3,5019	13-1	0,2
13	0	FRENSW2	5,821E-10	13-1	0
13	0,2	FRENSW2	-13,6341	13-1	0,2
13	0	INCRTER	56,7309	13-1	0
13	0,2	INCRTER	9,6162	13-1	0,2
13	0	LM71SISO	2,055E-10	13-1	0
13	0,2	LM71SISO	-4,8558	13-1	0,2
13	0	SW2SISO	1,728E-10	13-1	0
13	0,2	SW2SISO	-4,0486	13-1	0,2
13	0	SISMAO	9,459E-10	13-1	0
13	0,2	SISMAO	-22,798	13-1	0,2
13	0	LM71SVA	4,0859	13-1	0
13	0,2	LM71SVA	4,0481	13-1	0,2
13	0	SW2SVA	3,4014	13-1	0
13	0,2	SW2SVA	3,3699	13-1	0,2
13	0	SISMAVA	25,7403	13-1	0
13	0,2	SISMAVA	25,4848	13-1	0,2
13	0	LM71SVB	-4,0859	13-1	0
13	0,2	LM71SVB	-4,0481	13-1	0,2
13	0	SW2SVB	-3,4014	13-1	0
13	0,2	SW2SVB	-3,3699	13-1	0,2
13	0	SISMAVB	-25,7382	13-1	0
13	0,2	SISMAVB	-25,4825	13-1	0,2
14	0	PP	-107,3292	14-1	0
14	0,2	PP	-103,994	14-1	0,2
14	0	REINTSUP	-26,4502	14-1	0
14	0,2	REINTSUP	-25,7086	14-1	0,2
14	0	BALLAST	-30,5195	14-1	0
14	0,2	BALLAST	-29,6638	14-1	0,2
14	0	STERRASX	19,0495	14-1	0
14	0,2	STERRASX	-11,8657	14-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
14	0	STERRADX	82,1131	14-1	0
14	0,2	STERRADX	113,0577	14-1	0,2
14	0	TERMP	-3,8768	14-1	0
14	0,2	TERMP	-3,8779	14-1	0,2
14	0	TERMN	11,6304	14-1	0
14	0,2	TERMN	11,6338	14-1	0,2
14	0	GRADTP	7,7126	14-1	0
14	0,2	GRADTP	7,7148	14-1	0,2
14	0	GRADTN	-7,7126	14-1	0
14	0,2	GRADTN	-7,7148	14-1	0,2
14	0	LM71C	-130,3437	14-1	0
14	0,2	LM71C	-126,6891	14-1	0,2
14	0	STLM71	4,2031	14-1	0
14	0,2	STLM71	-15,9783	14-1	0,2
14	0	AVVLM71	-12,8522	14-1	0
14	0,2	AVVLM71	-25,4155	14-1	0,2
14	0	SW2	-108,5985	14-1	0
14	0,2	SW2	-105,5537	14-1	0,2
14	0	STSW2	3,5019	14-1	0
14	0,2	STSW2	-13,3127	14-1	0,2
14	0	FRENSW2	-13,6341	14-1	0
14	0,2	FRENSW2	-26,9619	14-1	0,2
14	0	INCRTER	9,6162	14-1	0
14	0,2	INCRTER	-36,5567	14-1	0,2
14	0	LM71SISO	-4,8558	14-1	0
14	0,2	LM71SISO	-9,6025	14-1	0,2
14	0	SW2SISO	-4,0486	14-1	0
14	0,2	SW2SISO	-8,0063	14-1	0,2
14	0	SISMAO	-22,798	14-1	0
14	0,2	SISMAO	-45,106	14-1	0,2
14	0	LM71SVA	4,0481	14-1	0
14	0,2	LM71SVA	3,9346	14-1	0,2
14	0	SW2SVA	3,3699	14-1	0
14	0,2	SW2SVA	3,2754	14-1	0,2
14	0	SISMAVA	25,4848	14-1	0
14	0,2	SISMAVA	24,7191	14-1	0,2
14	0	LM71SVB	-4,0481	14-1	0
14	0,2	LM71SVB	-3,9346	14-1	0,2
14	0	SW2SVB	-3,3699	14-1	0
14	0,2	SW2SVB	-3,2754	14-1	0,2
14	0	SISMAVB	-25,4825	14-1	0
14	0,2	SISMAVB	-24,7166	14-1	0,2
15	0	PP	-103,994	15-1	0
15	0,2	PP	-98,4335	15-1	0,2
15	0	REINTSUP	-25,7086	15-1	0
15	0,2	REINTSUP	-24,4722	15-1	0,2
15	0	BALLAST	-29,6638	15-1	0
15	0,2	BALLAST	-28,2372	15-1	0,2
15	0	STERRASX	-11,8657	15-1	0
15	0,2	STERRASX	-41,5678	15-1	0,2
15	0	STERRADX	113,0577	15-1	0
15	0,2	STERRADX	142,8073	15-1	0,2
15	0	TERMP	-3,8779	15-1	0
15	0,2	TERMP	-3,8797	15-1	0,2
15	0	TERMN	11,6338	15-1	0
15	0,2	TERMN	11,6392	15-1	0,2
15	0	GRADTP	7,7148	15-1	0
15	0,2	GRADTP	7,7184	15-1	0,2
15	0	GRADTN	-7,7148	15-1	0
15	0,2	GRADTN	-7,7184	15-1	0,2
15	0	LM71C	-126,6891	15-1	0
15	0,2	LM71C	-120,5962	15-1	0,2
15	0	STLM71	-15,9783	15-1	0
15	0,2	STLM71	-35,3414	15-1	0,2
15	0	AVVLM71	-25,4155	15-1	0
15	0,2	AVVLM71	-37,4012	15-1	0,2
15	0	SW2	-105,5537	15-1	0
15	0,2	SW2	-100,4772	15-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
15	0	STSW2	-13,3127	15-1	0
15	0,2	STSW2	-29,4455	15-1	0,2
15	0	FRENSW2	-26,9619	15-1	0
15	0,2	FRENSW2	-39,6769	15-1	0,2
15	0	INCRTER	-36,5567	15-1	0
15	0,2	INCRTER	-80,8573	15-1	0,2
15	0	LM71SISO	-9,6025	15-1	0
15	0,2	LM71SISO	-14,131	15-1	0,2
15	0	SW2SISO	-8,0063	15-1	0
15	0,2	SW2SISO	-11,7819	15-1	0,2
15	0	SISMAO	-45,106	15-1	0
15	0,2	SISMAO	-66,4335	15-1	0,2
15	0	LM71SVA	3,9346	15-1	0
15	0,2	LM71SVA	3,7453	15-1	0,2
15	0	SW2SVA	3,2754	15-1	0
15	0,2	SW2SVA	3,1179	15-1	0,2
15	0	SISMAVA	24,7191	15-1	0
15	0,2	SISMAVA	23,4428	15-1	0,2
15	0	LM71SVB	-3,9346	15-1	0
15	0,2	LM71SVB	-3,7453	15-1	0,2
15	0	SW2SVB	-3,2754	15-1	0
15	0,2	SW2SVB	-3,1179	15-1	0,2
15	0	SISMAVB	-24,7166	15-1	0
15	0,2	SISMAVB	-23,4402	15-1	0,2
16	0	PP	-98,4335	16-1	0
16	0,2	PP	-90,6454	16-1	0,2
16	0	REINTSUP	-24,4722	16-1	0
16	0,2	REINTSUP	-22,7404	16-1	0,2
16	0	BALLAST	-28,2372	16-1	0
16	0,2	BALLAST	-26,2389	16-1	0,2
16	0	STERRASX	-41,5678	16-1	0
16	0,2	STERRASX	-69,455	16-1	0,2
16	0	STERRADX	142,8073	16-1	0
16	0,2	STERRADX	170,758	16-1	0,2
16	0	TERMP	-3,8797	16-1	0
16	0,2	TERMP	-3,8822	16-1	0,2
16	0	TERMN	11,6392	16-1	0
16	0,2	TERMN	11,6465	16-1	0,2
16	0	GRADTP	7,7184	16-1	0
16	0,2	GRADTP	7,7233	16-1	0,2
16	0	GRADTN	-7,7184	16-1	0
16	0,2	GRADTN	-7,7233	16-1	0,2
16	0	LM71C	-120,5962	16-1	0
16	0,2	LM71C	-112,0619	16-1	0,2
16	0	STLM71	-35,3414	16-1	0
16	0,2	STLM71	-53,4792	16-1	0,2
16	0	AVVLM71	-37,4012	16-1	0
16	0,2	AVVLM71	-48,5201	16-1	0,2
16	0	SW2	-100,4772	16-1	0
16	0,2	SW2	-93,3667	16-1	0,2
16	0	STSW2	-29,4455	16-1	0
16	0,2	STSW2	-44,5575	16-1	0,2
16	0	FRENSW2	-39,6769	16-1	0
16	0,2	FRENSW2	-51,4723	16-1	0,2
16	0	INCRTER	-80,8573	16-1	0
16	0,2	INCRTER	-122,3548	16-1	0,2
16	0	LM71SISO	-14,131	16-1	0
16	0,2	LM71SISO	-18,3319	16-1	0,2
16	0	SW2SISO	-11,7819	16-1	0
16	0,2	SW2SISO	-15,2846	16-1	0,2
16	0	SISMAO	-66,4335	16-1	0
16	0,2	SISMAO	-86,29	16-1	0,2
16	0	LM71SVA	3,7453	16-1	0
16	0,2	LM71SVA	3,4803	16-1	0,2
16	0	SW2SVA	3,1179	16-1	0
16	0,2	SW2SVA	2,8972	16-1	0,2
16	0	SISMAVA	23,4428	16-1	0
16	0,2	SISMAVA	21,6554	16-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
16	0	LM71SVB	-3,7453	16-1	0
16	0,2	LM71SVB	-3,4803	16-1	0,2
16	0	SW2SVB	-3,1179	16-1	0
16	0,2	SW2SVB	-2,8972	16-1	0,2
16	0	SISMAVB	-23,4402	16-1	0
16	0,2	SISMAVB	-21,6528	16-1	0,2
17	0	PP	-90,6454	17-1	0
17	0,2	PP	-80,6262	17-1	0,2
17	0	REINTSUP	-22,7404	17-1	0
17	0,2	REINTSUP	-20,5122	17-1	0,2
17	0	BALLAST	-26,2389	17-1	0
17	0,2	BALLAST	-23,668	17-1	0,2
17	0	STERRASX	-69,455	17-1	0
17	0,2	STERRASX	-94,9254	17-1	0,2
17	0	STERRADX	170,758	17-1	0
17	0,2	STERRADX	196,3045	17-1	0,2
17	0	TERMP	-3,8822	17-1	0
17	0,2	TERMP	-3,8851	17-1	0,2
17	0	TERMN	11,6465	17-1	0
17	0,2	TERMN	11,6553	17-1	0,2
17	0	GRADTP	7,7233	17-1	0
17	0,2	GRADTP	7,7291	17-1	0,2
17	0	GRADTN	-7,7233	17-1	0
17	0,2	GRADTN	-7,7291	17-1	0,2
17	0	LM71C	-112,0619	17-1	0
17	0,2	LM71C	-101,082	17-1	0,2
17	0	STLM71	-53,4792	17-1	0
17	0,2	STLM71	-69,9846	17-1	0,2
17	0	AVVLM71	-48,5201	17-1	0
17	0,2	AVVLM71	-58,4827	17-1	0,2
17	0	SW2	-93,3667	17-1	0
17	0,2	SW2	-84,2185	17-1	0,2
17	0	STSW2	-44,5575	17-1	0
17	0,2	STSW2	-58,3094	17-1	0,2
17	0	FRENSW2	-51,4723	17-1	0
17	0,2	FRENSW2	-62,041	17-1	0,2
17	0	INCRTER	-122,3548	17-1	0
17	0,2	INCRTER	-160,1174	17-1	0,2
17	0	LM71SISO	-18,3319	17-1	0
17	0,2	LM71SISO	-22,096	17-1	0,2
17	0	SW2SISO	-15,2846	17-1	0
17	0,2	SW2SISO	-18,4229	17-1	0,2
17	0	SISMAO	-86,29	17-1	0
17	0,2	SISMAO	-104,184	17-1	0,2
17	0	LM71SVA	3,4803	17-1	0
17	0,2	LM71SVA	3,1393	17-1	0,2
17	0	SW2SVA	2,8972	17-1	0
17	0,2	SW2SVA	2,6133	17-1	0,2
17	0	SISMAVA	21,6554	17-1	0
17	0,2	SISMAVA	19,3561	17-1	0,2
17	0	LM71SVB	-3,4803	17-1	0
17	0,2	LM71SVB	-3,1393	17-1	0,2
17	0	SW2SVB	-2,8972	17-1	0
17	0,2	SW2SVB	-2,6133	17-1	0,2
17	0	SISMAVB	-21,6528	17-1	0
17	0,2	SISMAVB	-19,3536	17-1	0,2
18	0	PP	-80,6262	18-1	0
18	0,2	PP	-68,3715	18-1	0,2
18	0	REINTSUP	-20,5122	18-1	0
18	0,2	REINTSUP	-17,7868	18-1	0,2
18	0	BALLAST	-23,668	18-1	0
18	0,2	BALLAST	-20,5232	18-1	0,2
18	0	STERRASX	-94,9254	18-1	0
18	0,2	STERRASX	-117,3762	18-1	0,2
18	0	STERRADX	196,3045	18-1	0
18	0,2	STERRADX	218,84	18-1	0,2
18	0	TERMP	-3,8851	18-1	0
18	0,2	TERMP	-3,8883	18-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
18	0	TERMN	11,6553	18-1	0
18	0,2	TERMN	11,665	18-1	0,2
18	0	GRADTP	7,7291	18-1	0
18	0,2	GRADTP	7,7355	18-1	0,2
18	0	GRADTN	-7,7291	18-1	0
18	0,2	GRADTN	-7,7355	18-1	0,2
18	0	LM71C	-101,082	18-1	0
18	0,2	LM71C	-87,6513	18-1	0,2
18	0	STLM71	-69,9846	18-1	0
18	0,2	STLM71	-84,4499	18-1	0,2
18	0	AVVLM71	-58,4827	18-1	0
18	0,2	AVVLM71	-66,999	18-1	0,2
18	0	SW2	-84,2185	18-1	0
18	0,2	SW2	-73,0285	18-1	0,2
18	0	STSW2	-58,3094	18-1	0
18	0,2	STSW2	-70,3615	18-1	0,2
18	0	FRENSW2	-62,041	18-1	0
18	0,2	FRENSW2	-71,0755	18-1	0,2
18	0	INCRTER	-160,1174	18-1	0
18	0,2	INCRTER	-193,2123	18-1	0,2
18	0	LM71SISO	-22,096	18-1	0
18	0,2	LM71SISO	-25,3137	18-1	0,2
18	0	SW2SISO	-18,4229	18-1	0
18	0,2	SW2SISO	-21,1057	18-1	0,2
18	0	SISMAO	-104,184	18-1	0
18	0,2	SISMAO	-119,6235	18-1	0,2
18	0	LM71SVA	3,1393	18-1	0
18	0,2	LM71SVA	2,7222	18-1	0,2
18	0	SW2SVA	2,6133	18-1	0
18	0,2	SW2SVA	2,2661	18-1	0,2
18	0	SISMAVA	19,3561	18-1	0
18	0,2	SISMAVA	16,5439	18-1	0,2
18	0	LM71SVB	-3,1393	18-1	0
18	0,2	LM71SVB	-2,7222	18-1	0,2
18	0	SW2SVB	-2,6133	18-1	0
18	0,2	SW2SVB	-2,2661	18-1	0,2
18	0	SISMAVB	-19,3536	18-1	0
18	0,2	SISMAVB	-16,5415	18-1	0,2
19	0	PP	-68,3715	19-1	0
19	0,2	PP	-53,8764	19-1	0,2
19	0	REINTSUP	-17,7868	19-1	0
19	0,2	REINTSUP	-14,5628	19-1	0,2
19	0	BALLAST	-20,5232	19-1	0
19	0,2	BALLAST	-16,8032	19-1	0,2
19	0	STERRASX	-117,3762	19-1	0
19	0,2	STERRASX	-136,2037	19-1	0,2
19	0	STERRADX	218,84	19-1	0
19	0,2	STERRADX	237,7561	19-1	0,2
19	0	TERMP	-3,8883	19-1	0
19	0,2	TERMP	-3,8917	19-1	0,2
19	0	TERMN	11,665	19-1	0
19	0,2	TERMN	11,6752	19-1	0,2
19	0	GRADTP	7,7355	19-1	0
19	0,2	GRADTP	7,7423	19-1	0,2
19	0	GRADTN	-7,7355	19-1	0
19	0,2	GRADTN	-7,7423	19-1	0,2
19	0	LM71C	-87,6513	19-1	0
19	0,2	LM71C	-71,7636	19-1	0,2
19	0	STLM71	-84,4499	19-1	0
19	0,2	STLM71	-96,4665	19-1	0,2
19	0	AVVLM71	-66,999	19-1	0
19	0,2	AVVLM71	-73,7786	19-1	0,2
19	0	SW2	-73,0285	19-1	0
19	0,2	SW2	-59,7914	19-1	0,2
19	0	STSW2	-70,3615	19-1	0
19	0,2	STSW2	-80,3735	19-1	0,2
19	0	FRENSW2	-71,0755	19-1	0
19	0,2	FRENSW2	-78,2676	19-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
19	0	INCRTER	-193,2123	19-1	0
19	0,2	INCRTER	-220,7052	19-1	0,2
19	0	LM71SISO	-25,3137	19-1	0
19	0,2	LM71SISO	-27,8751	19-1	0,2
19	0	SW2SISO	-21,1057	19-1	0
19	0,2	SW2SISO	-23,2413	19-1	0,2
19	0	SISMAO	-119,6235	19-1	0
19	0,2	SISMAO	-132,1152	19-1	0,2
19	0	LM71SVA	2,7222	19-1	0
19	0,2	LM71SVA	2,2288	19-1	0,2
19	0	SW2SVA	2,2661	19-1	0
19	0,2	SW2SVA	1,8554	19-1	0,2
19	0	SISMAVA	16,5439	19-1	0
19	0,2	SISMAVA	13,2176	19-1	0,2
19	0	LM71SVB	-2,7222	19-1	0
19	0,2	LM71SVB	-2,2288	19-1	0,2
19	0	SW2SVB	-2,2661	19-1	0
19	0,2	SW2SVB	-1,8554	19-1	0,2
19	0	SISMAVB	-16,5415	19-1	0
19	0,2	SISMAVB	-13,2155	19-1	0,2
20	0	PP	-53,8764	20-1	0
20	0,2	PP	-37,1351	20-1	0,2
20	0	REINTSUP	-14,5628	20-1	0
20	0,2	REINTSUP	-10,8387	20-1	0,2
20	0	BALLAST	-16,8032	20-1	0
20	0,2	BALLAST	-12,5062	20-1	0,2
20	0	STERRASX	-136,2037	20-1	0
20	0,2	STERRASX	-150,8032	20-1	0,2
20	0	STERRADX	237,7561	20-1	0
20	0,2	STERRADX	252,4419	20-1	0,2
20	0	TERMP	-3,8917	20-1	0
20	0,2	TERMP	-3,895	20-1	0,2
20	0	TERMN	11,6752	20-1	0
20	0,2	TERMN	11,6851	20-1	0,2
20	0	GRADTP	7,7423	20-1	0
20	0,2	GRADTP	7,7489	20-1	0,2
20	0	GRADTN	-7,7423	20-1	0
20	0,2	GRADTN	-7,7489	20-1	0,2
20	0	LM71C	-71,7636	20-1	0
20	0,2	LM71C	-53,412	20-1	0,2
20	0	STLM71	-96,4665	20-1	0
20	0,2	STLM71	-105,6254	20-1	0,2
20	0	AVVLM71	-73,7786	20-1	0
20	0,2	AVVLM71	-78,5303	20-1	0,2
20	0	SW2	-59,7914	20-1	0
20	0,2	SW2	-44,5014	20-1	0,2
20	0	STSW2	-80,3735	20-1	0
20	0,2	STSW2	-88,0044	20-1	0,2
20	0	FRENSW2	-78,2676	20-1	0
20	0,2	FRENSW2	-83,3084	20-1	0,2
20	0	INCRTER	-220,7052	20-1	0
20	0,2	INCRTER	-241,6596	20-1	0,2
20	0	LM71SISO	-27,8751	20-1	0
20	0,2	LM71SISO	-29,6704	20-1	0,2
20	0	SW2SISO	-23,2413	20-1	0
20	0,2	SW2SISO	-24,7382	20-1	0,2
20	0	SISMAO	-132,1152	20-1	0
20	0,2	SISMAO	-141,1648	20-1	0,2
20	0	LM71SVA	2,2288	20-1	0
20	0,2	LM71SVA	1,6588	20-1	0,2
20	0	SW2SVA	1,8554	20-1	0
20	0,2	SW2SVA	1,3809	20-1	0,2
20	0	SISMAVA	13,2176	20-1	0
20	0,2	SISMAVA	9,3758	20-1	0,2
20	0	LM71SVB	-2,2288	20-1	0
20	0,2	LM71SVB	-1,6588	20-1	0,2
20	0	SW2SVB	-1,8554	20-1	0
20	0,2	SW2SVB	-1,3809	20-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
20	0	SISMAVB	-13,2155	20-1	0
20	0,2	SISMAVB	-9,3741	20-1	0,2
21	0	PP	-37,1351	21-1	0
21	0,2	PP	-18,1414	21-1	0,2
21	0	REINTSUP	-10,8387	21-1	0
21	0,2	REINTSUP	-6,6131	21-1	0,2
21	0	BALLAST	-12,5062	21-1	0
21	0,2	BALLAST	-7,6305	21-1	0,2
21	0	STERRASX	-150,8032	21-1	0
21	0,2	STERRASX	-160,5685	21-1	0,2
21	0	STERRADX	252,4419	21-1	0
21	0,2	STERRADX	262,2847	21-1	0,2
21	0	TERMP	-3,895	21-1	0
21	0,2	TERMP	-3,898	21-1	0,2
21	0	TERMN	11,6851	21-1	0
21	0,2	TERMN	11,694	21-1	0,2
21	0	GRADTP	7,7489	21-1	0
21	0,2	GRADTP	7,7548	21-1	0,2
21	0	GRADTN	-7,7489	21-1	0
21	0,2	GRADTN	-7,7548	21-1	0,2
21	0	LM71C	-53,412	21-1	0
21	0,2	LM71C	-32,5888	21-1	0,2
21	0	STLM71	-105,6254	21-1	0
21	0,2	STLM71	-111,5163	21-1	0,2
21	0	AVVLM71	-78,5303	21-1	0
21	0,2	AVVLM71	-80,9622	21-1	0,2
21	0	SW2	-44,5014	21-1	0
21	0,2	SW2	-27,152	21-1	0,2
21	0	STSW2	-88,0044	21-1	0
21	0,2	STSW2	-92,9125	21-1	0,2
21	0	FRENSW2	-83,3084	21-1	0
21	0,2	FRENSW2	-85,8882	21-1	0,2
21	0	INCRTER	-241,6596	21-1	0
21	0,2	INCRTER	-255,1374	21-1	0,2
21	0	LM71SISO	-29,6704	21-1	0
21	0,2	LM71SISO	-30,5892	21-1	0,2
21	0	SW2SISO	-24,7382	21-1	0
21	0,2	SW2SISO	-25,5043	21-1	0,2
21	0	SISMAO	-141,1648	21-1	0
21	0,2	SISMAO	-146,2769	21-1	0,2
21	0	LM71SVA	1,6588	21-1	0
21	0,2	LM71SVA	1,0121	21-1	0,2
21	0	SW2SVA	1,3809	21-1	0
21	0,2	SW2SVA	0,8425	21-1	0,2
21	0	SISMAVA	9,3758	21-1	0
21	0,2	SISMAVA	5,0172	21-1	0,2
21	0	LM71SVB	-1,6588	21-1	0
21	0,2	LM71SVB	-1,0121	21-1	0,2
21	0	SW2SVB	-1,3809	21-1	0
21	0,2	SW2SVB	-0,8425	21-1	0,2
21	0	SISMAVB	-9,3741	21-1	0
21	0,2	SISMAVB	-5,016	21-1	0,2
22	0	PP	-18,1414	22-1	0
22	0,2	PP	3,1113	22-1	0,2
22	0	REINTSUP	-6,6131	22-1	0
22	0,2	REINTSUP	-1,8843	22-1	0,2
22	0	BALLAST	-7,6305	22-1	0
22	0,2	BALLAST	-2,1742	22-1	0,2
22	0	STERRASX	-160,5685	22-1	0
22	0,2	STERRASX	-164,892	22-1	0,2
22	0	STERRADX	262,2847	22-1	0
22	0,2	STERRADX	266,6691	22-1	0,2
22	0	TERMP	-3,898	22-1	0
22	0,2	TERMP	-3,9003	22-1	0,2
22	0	TERMN	11,694	22-1	0
22	0,2	TERMN	11,701	22-1	0,2
22	0	GRADTP	7,7548	22-1	0
22	0,2	GRADTP	7,7594	22-1	0,2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
22	0	GRADTN	-7,7548	22-1	0
22	0,2	GRADTN	-7,7594	22-1	0,2
22	0	LM71C	-32,5888	22-1	0
22	0,2	LM71C	-9,2856	22-1	0,2
22	0	STLM71	-111,5163	22-1	0
22	0,2	STLM71	-113,7281	22-1	0,2
22	0	AVVLM71	-80,9622	22-1	0
22	0,2	AVVLM71	-80,7817	22-1	0,2
22	0	SW2	-27,152	22-1	0
22	0,2	SW2	-7,7365	22-1	0,2
22	0	STSW2	-92,9125	22-1	0
22	0,2	STSW2	-94,7553	22-1	0,2
22	0	FRENSW2	-85,8882	22-1	0
22	0,2	FRENSW2	-85,6968	22-1	0,2
22	0	INCRTER	-255,1374	22-1	0
22	0,2	INCRTER	-260,1977	22-1	0,2
22	0	LM71SISO	-30,5892	22-1	0
22	0,2	LM71SISO	-30,5211	22-1	0,2
22	0	SW2SISO	-25,5043	22-1	0
22	0,2	SW2SISO	-25,4474	22-1	0,2
22	0	SISMAO	-146,2769	22-1	0
22	0,2	SISMAO	-146,9545	22-1	0,2
22	0	LM71SVA	1,0121	22-1	0
22	0,2	LM71SVA	0,2884	22-1	0,2
22	0	SW2SVA	0,8425	22-1	0
22	0,2	SW2SVA	0,2401	22-1	0,2
22	0	SISMAVA	5,0172	22-1	0
22	0,2	SISMAVA	0,14	22-1	0,2
22	0	LM71SVB	-1,0121	22-1	0
22	0,2	LM71SVB	-0,2884	22-1	0,2
22	0	SW2SVB	-0,8425	22-1	0
22	0,2	SW2SVB	-0,2401	22-1	0,2
22	0	SISMAVB	-5,016	22-1	0
22	0,2	SISMAVB	-0,1396	22-1	0,2
23	0	PP	3,1113	23-1	0
23	0,15	PP	20,5379	23-1	0,15
23	0	REINTSUP	-1,8843	23-1	0
23	0,15	REINTSUP	1,9937	23-1	0,15
23	0	BALLAST	-2,1742	23-1	0
23	0,15	BALLAST	2,3004	23-1	0,15
23	0	STERRASX	-164,892	23-1	0
23	0,15	STERRASX	-164,1638	23-1	0,15
23	0	STERRADX	266,6691	23-1	0
23	0,15	STERRADX	265,9701	23-1	0,15
23	0	TERMP	-3,9003	23-1	0
23	0,15	TERMP	-3,9015	23-1	0,15
23	0	TERMN	11,701	23-1	0
23	0,15	TERMN	11,7044	23-1	0,15
23	0	GRADTP	7,7594	23-1	0
23	0,15	GRADTP	7,7617	23-1	0,15
23	0	GRADTN	-7,7594	23-1	0
23	0,15	GRADTN	-7,7617	23-1	0,15
23	0	LM71C	-9,2856	23-1	0
23	0,15	LM71C	9,8248	23-1	0,15
23	0	STLM71	-113,7281	23-1	0
23	0,15	STLM71	-112,702	23-1	0,15
23	0	AVVLM71	-80,7817	23-1	0
23	0,15	AVVLM71	-78,7394	23-1	0,15
23	0	SW2	-7,7365	23-1	0
23	0,15	SW2	8,1858	23-1	0,15
23	0	STSW2	-94,7553	23-1	0
23	0,15	STSW2	-93,9004	23-1	0,15
23	0	FRENSW2	-85,6968	23-1	0
23	0,15	FRENSW2	-83,5303	23-1	0,15
23	0	INCRTER	-260,1977	23-1	0
23	0,15	INCRTER	-257,8501	23-1	0,15
23	0	LM71SISO	-30,5211	23-1	0
23	0,15	LM71SISO	-29,7494	23-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
23	0	SW2SISO	-25,4474	23-1	0
23	0,15	SW2SISO	-24,8041	23-1	0,15
23	0	SISMAO	-146,9545	23-1	0
23	0,15	SISMAO	-144,2256	23-1	0,15
23	0	LM71SVA	0,2884	23-1	0
23	0,15	LM71SVA	-0,3051	23-1	0,15
23	0	SW2SVA	0,2401	23-1	0
23	0,15	SW2SVA	-0,254	23-1	0,15
23	0	SISMAVA	0,14	23-1	0
23	0,15	SISMAVA	-3,8591	23-1	0,15
23	0	LM71SVB	-0,2884	23-1	0
23	0,15	LM71SVB	0,3051	23-1	0,15
23	0	SW2SVB	-0,2401	23-1	0
23	0,15	SW2SVB	0,254	23-1	0,15
23	0	SISMAVB	-0,1396	23-1	0
23	0,15	SISMAVB	3,859	23-1	0,15
24	0	PP	20,5379	24-1	0
24	0,15	PP	39,2421	24-1	0,15
24	0	REINTSUP	1,9937	24-1	0
24	0,15	REINTSUP	6,1565	24-1	0,15
24	0	BALLAST	2,3004	24-1	0
24	0,15	BALLAST	7,1037	24-1	0,15
24	0	STERRASX	-164,1638	24-1	0
24	0,15	STERRASX	-159,7744	24-1	0,15
24	0	STERRADX	265,9701	24-1	0
24	0,15	STERRADX	261,5919	24-1	0,15
24	0	TERMP	-3,9015	24-1	0
24	0,15	TERMP	-3,9019	24-1	0,15
24	0	TERMN	11,7044	24-1	0
24	0,15	TERMN	11,7057	24-1	0,15
24	0	GRADTP	7,7617	24-1	0
24	0,15	GRADTP	7,7625	24-1	0,15
24	0	GRADTN	-7,7617	24-1	0
24	0,15	GRADTN	-7,7625	24-1	0,15
24	0	LM71C	9,8248	24-1	0
24	0,15	LM71C	30,3388	24-1	0,15
24	0	STLM71	-112,702	24-1	0
24	0,15	STLM71	-109,2001	24-1	0,15
24	0	AVVLM71	-78,7394	24-1	0
24	0,15	AVVLM71	-74,9386	24-1	0,15
24	0	SW2	8,1858	24-1	0
24	0,15	SW2	25,2774	24-1	0,15
24	0	STSW2	-93,9004	24-1	0
24	0,15	STSW2	-90,9828	24-1	0,15
24	0	FRENSW2	-83,5303	24-1	0
24	0,15	FRENSW2	-79,4982	24-1	0,15
24	0	INCRTER	-257,8501	24-1	0
24	0,15	INCRTER	-249,8382	24-1	0,15
24	0	LM71SISO	-29,7494	24-1	0
24	0,15	LM71SISO	-28,3134	24-1	0,15
24	0	SW2SISO	-24,8041	24-1	0
24	0,15	SW2SISO	-23,6068	24-1	0,15
24	0	SISMAO	-144,2256	24-1	0
24	0,15	SISMAO	-138,5112	24-1	0,15
24	0	LM71SVA	-0,3051	24-1	0
24	0,15	LM71SVA	-0,9422	24-1	0,15
24	0	SW2SVA	-0,254	24-1	0
24	0,15	SW2SVA	-0,7844	24-1	0,15
24	0	SISMAVA	-3,8591	24-1	0
24	0,15	SISMAVA	-8,1516	24-1	0,15
24	0	LM71SVB	0,3051	24-1	0
24	0,15	LM71SVB	0,9422	24-1	0,15
24	0	SW2SVB	0,254	24-1	0
24	0,15	SW2SVB	0,7844	24-1	0,15
24	0	SISMAVB	3,859	24-1	0
24	0,15	SISMAVB	8,1507	24-1	0,15
25	0	PP	39,2421	25-1	0
25	0,0875	PP	38,7608	25-1	0,0875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
25	0,175	PP	38,2795	25-1	0,175
25	0	REINTSUP	6,1565	25-1	0
25	0,0875	REINTSUP	6,2102	25-1	0,0875
25	0,175	REINTSUP	6,2638	25-1	0,175
25	0	BALLAST	7,1037	25-1	0
25	0,0875	BALLAST	7,1656	25-1	0,0875
25	0,175	BALLAST	7,2275	25-1	0,175
25	0	STERRASX	261,5919	25-1	0
25	0,0875	STERRASX	243,8297	25-1	0,0875
25	0,175	STERRASX	226,5737	25-1	0,175
25	0	STERRADX	-159,7744	25-1	0
25	0,0875	STERRADX	-155,742	25-1	0,0875
25	0,175	STERRADX	-151,7097	25-1	0,175
25	0	TERMP	-3,9019	25-1	0
25	0,0875	TERMP	-3,8016	25-1	0,0875
25	0,175	TERMP	-3,7014	25-1	0,175
25	0	TERMN	11,7057	25-1	0
25	0,0875	TERMN	11,4049	25-1	0,0875
25	0,175	TERMN	11,1042	25-1	0,175
25	0	GRADTP	7,7625	25-1	0
25	0,0875	GRADTP	7,2791	25-1	0,0875
25	0,175	GRADTP	6,7958	25-1	0,175
25	0	GRADTN	-7,7625	25-1	0
25	0,0875	GRADTN	-7,2791	25-1	0,0875
25	0,175	GRADTN	-6,7958	25-1	0,175
25	0	LM71C	30,3388	25-1	0
25	0,0875	LM71C	30,6031	25-1	0,0875
25	0,175	LM71C	30,8675	25-1	0,175
25	0	STLM71	159,1183	25-1	0
25	0,0875	STLM71	150,4405	25-1	0,0875
25	0,175	STLM71	141,9233	25-1	0,175
25	0	AVVLM71	74,9386	25-1	0
25	0,0875	AVVLM71	72,8879	25-1	0,0875
25	0,175	AVVLM71	70,8372	25-1	0,175
25	0	SW2	25,2774	25-1	0
25	0,0875	SW2	25,4976	25-1	0,0875
25	0,175	SW2	25,7179	25-1	0,175
25	0	STSW2	132,5733	25-1	0
25	0,0875	STSW2	125,3432	25-1	0,0875
25	0,175	STSW2	118,2469	25-1	0,175
25	0	FRENSW2	79,4982	25-1	0
25	0,0875	FRENSW2	77,3227	25-1	0,0875
25	0,175	FRENSW2	75,1472	25-1	0,175
25	0	INCRTER	364,0457	25-1	0
25	0,0875	INCRTER	344,1918	25-1	0,0875
25	0,175	INCRTER	324,7054	25-1	0,175
25	0	LM71SISO	28,3134	25-1	0
25	0,0875	LM71SISO	27,5386	25-1	0,0875
25	0,175	LM71SISO	26,7638	25-1	0,175
25	0	SW2SISO	23,6068	25-1	0
25	0,0875	SW2SISO	22,9608	25-1	0,0875
25	0,175	SW2SISO	22,3147	25-1	0,175
25	0	SISMAO	138,5112	25-1	0
25	0,0875	SISMAO	133,8994	25-1	0,0875
25	0,175	SISMAO	129,3195	25-1	0,175
25	0	LM71SVA	-0,9422	25-1	0
25	0,0875	LM71SVA	-0,9504	25-1	0,0875
25	0,175	LM71SVA	-0,9586	25-1	0,175
25	0	SW2SVA	-0,7844	25-1	0
25	0,0875	SW2SVA	-0,7912	25-1	0,0875
25	0,175	SW2SVA	-0,798	25-1	0,175
25	0	SISMAVA	-8,152	25-1	0
25	0,0875	SISMAVA	-8,095	25-1	0,0875
25	0,175	SISMAVA	-8,0381	25-1	0,175
25	0	LM71SVB	0,9422	25-1	0
25	0,0875	LM71SVB	0,9504	25-1	0,0875
25	0,175	LM71SVB	0,9586	25-1	0,175
25	0	SW2SVB	0,7844	25-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
25	0,0875	SW2SVB	0,7912	25-1	0,0875
25	0,175	SW2SVB	0,798	25-1	0,175
25	0	SISMAVB	8,1512	25-1	0
25	0,0875	SISMAVB	8,0942	25-1	0,0875
25	0,175	SISMAVB	8,0373	25-1	0,175
26	0	PP	-39,2421	26-1	0
26	0,0875	PP	-38,7608	26-1	0,0875
26	0,175	PP	-38,2795	26-1	0,175
26	0	REINTSUP	-6,1565	26-1	0
26	0,0875	REINTSUP	-6,2102	26-1	0,0875
26	0,175	REINTSUP	-6,2638	26-1	0,175
26	0	BALLAST	-7,1037	26-1	0
26	0,0875	BALLAST	-7,1656	26-1	0,0875
26	0,175	BALLAST	-7,2275	26-1	0,175
26	0	STERRASX	159,7744	26-1	0
26	0,0875	STERRASX	155,742	26-1	0,0875
26	0,175	STERRASX	151,7097	26-1	0,175
26	0	STERRADX	-261,5919	26-1	0
26	0,0875	STERRADX	-243,8297	26-1	0,0875
26	0,175	STERRADX	-226,5737	26-1	0,175
26	0	TERMP	3,9019	26-1	0
26	0,0875	TERMP	3,8016	26-1	0,0875
26	0,175	TERMP	3,7014	26-1	0,175
26	0	TERMN	-11,7057	26-1	0
26	0,0875	TERMN	-11,4049	26-1	0,0875
26	0,175	TERMN	-11,1042	26-1	0,175
26	0	GRADTP	-7,7625	26-1	0
26	0,0875	GRADTP	-7,2791	26-1	0,0875
26	0,175	GRADTP	-6,7958	26-1	0,175
26	0	GRADTN	7,7625	26-1	0
26	0,0875	GRADTN	7,2791	26-1	0,0875
26	0,175	GRADTN	6,7958	26-1	0,175
26	0	LM71C	-30,3388	26-1	0
26	0,0875	LM71C	-30,6031	26-1	0,0875
26	0,175	LM71C	-30,8675	26-1	0,175
26	0	STLM71	109,2001	26-1	0
26	0,0875	STLM71	106,393	26-1	0,0875
26	0,175	STLM71	103,5859	26-1	0,175
26	0	AVVLM71	74,9386	26-1	0
26	0,0875	AVVLM71	72,8879	26-1	0,0875
26	0,175	AVVLM71	70,8372	26-1	0,175
26	0	SW2	-25,2774	26-1	0
26	0,0875	SW2	-25,4976	26-1	0,0875
26	0,175	SW2	-25,7179	26-1	0,175
26	0	STSW2	90,9828	26-1	0
26	0,0875	STSW2	88,6439	26-1	0,0875
26	0,175	STSW2	86,3051	26-1	0,175
26	0	FRENSW2	79,4982	26-1	0
26	0,0875	FRENSW2	77,3227	26-1	0,0875
26	0,175	FRENSW2	75,1472	26-1	0,175
26	0	INCRTER	249,8382	26-1	0
26	0,0875	INCRTER	243,4159	26-1	0,0875
26	0,175	INCRTER	236,9935	26-1	0,175
26	0	LM71SISO	28,3134	26-1	0
26	0,0875	LM71SISO	27,5386	26-1	0,0875
26	0,175	LM71SISO	26,7638	26-1	0,175
26	0	SW2SISO	23,6068	26-1	0
26	0,0875	SW2SISO	22,9608	26-1	0,0875
26	0,175	SW2SISO	22,3147	26-1	0,175
26	0	SISMAO	138,5112	26-1	0
26	0,0875	SISMAO	133,8994	26-1	0,0875
26	0,175	SISMAO	129,3195	26-1	0,175
26	0	LM71SVA	0,9422	26-1	0
26	0,0875	LM71SVA	0,9504	26-1	0,0875
26	0,175	LM71SVA	0,9586	26-1	0,175
26	0	SW2SVA	0,7844	26-1	0
26	0,0875	SW2SVA	0,7912	26-1	0,0875
26	0,175	SW2SVA	0,798	26-1	0,175

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
26	0	SISMAVA	8,1516	26-1	0
26	0,0875	SISMAVA	8,0946	26-1	0,0875
26	0,175	SISMAVA	8,0377	26-1	0,175
26	0	LM71SVB	-0,9422	26-1	0
26	0,0875	LM71SVB	-0,9504	26-1	0,0875
26	0,175	LM71SVB	-0,9586	26-1	0,175
26	0	SW2SVB	-0,7844	26-1	0
26	0,0875	SW2SVB	-0,7912	26-1	0,0875
26	0,175	SW2SVB	-0,798	26-1	0,175
26	0	SISMAVB	-8,1507	26-1	0
26	0,0875	SISMAVB	-8,0937	26-1	0,0875
26	0,175	SISMAVB	-8,0368	26-1	0,175
27	0	PP	38,2795	27-1	0
27	0,0875	PP	37,7983	27-1	0,0875
27	0,175	PP	37,317	27-1	0,175
27	0	REINTSUP	6,2638	27-1	0
27	0,0875	REINTSUP	6,3175	27-1	0,0875
27	0,175	REINTSUP	6,3711	27-1	0,175
27	0	BALLAST	7,2275	27-1	0
27	0,0875	BALLAST	7,2894	27-1	0,0875
27	0,175	BALLAST	7,3513	27-1	0,175
27	0	STERRASX	226,5737	27-1	0
27	0,0875	STERRASX	209,8182	27-1	0,0875
27	0,175	STERRASX	193,5575	27-1	0,175
27	0	STERRADX	-151,7097	27-1	0
27	0,0875	STERRADX	-147,6773	27-1	0,0875
27	0,175	STERRADX	-143,6449	27-1	0,175
27	0	TERMP	-3,7014	27-1	0
27	0,0875	TERMP	-3,6011	27-1	0,0875
27	0,175	TERMP	-3,5009	27-1	0,175
27	0	TERMN	11,1042	27-1	0
27	0,0875	TERMN	10,8034	27-1	0,0875
27	0,175	TERMN	10,5027	27-1	0,175
27	0	GRADTP	6,7958	27-1	0
27	0,0875	GRADTP	6,3124	27-1	0,0875
27	0,175	GRADTP	5,829	27-1	0,175
27	0	GRADTN	-6,7958	27-1	0
27	0,0875	GRADTN	-6,3124	27-1	0,0875
27	0,175	GRADTN	-5,829	27-1	0,175
27	0	LM71C	30,8675	27-1	0
27	0,0875	LM71C	31,1319	27-1	0,0875
27	0,175	LM71C	31,3963	27-1	0,175
27	0	STLM71	141,9233	27-1	0
27	0,0875	STLM71	133,5667	27-1	0,0875
27	0,175	STLM71	125,3708	27-1	0,175
27	0	AVVLM71	70,8372	27-1	0
27	0,0875	AVVLM71	68,7864	27-1	0,0875
27	0,175	AVVLM71	66,7357	27-1	0,175
27	0	SW2	25,7179	27-1	0
27	0,0875	SW2	25,9382	27-1	0,0875
27	0,175	SW2	26,1584	27-1	0,175
27	0	STSW2	118,2469	27-1	0
27	0,0875	STSW2	111,2844	27-1	0,0875
27	0,175	STSW2	104,4558	27-1	0,175
27	0	FRENSW2	75,1472	27-1	0
27	0,0875	FRENSW2	72,9717	27-1	0,0875
27	0,175	FRENSW2	70,7961	27-1	0,175
27	0	INCRTER	324,7054	27-1	0
27	0,0875	INCRTER	305,5865	27-1	0,0875
27	0,175	INCRTER	286,8351	27-1	0,175
27	0	LM71SISO	26,7638	27-1	0
27	0,0875	LM71SISO	25,989	27-1	0,0875
27	0,175	LM71SISO	25,2142	27-1	0,175
27	0	SW2SISO	22,3147	27-1	0
27	0,0875	SW2SISO	21,6687	27-1	0,0875
27	0,175	SW2SISO	21,0227	27-1	0,175
27	0	SISMAO	129,3195	27-1	0
27	0,0875	SISMAO	124,7714	27-1	0,0875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
27	0,175	SISMAO	120,2552	27-1	0,175
27	0	LM71SVA	-0,9586	27-1	0
27	0,0875	LM71SVA	-0,9669	27-1	0,0875
27	0,175	LM71SVA	-0,9751	27-1	0,175
27	0	SW2SVA	-0,798	27-1	0
27	0,0875	SW2SVA	-0,8049	27-1	0,0875
27	0,175	SW2SVA	-0,8117	27-1	0,175
27	0	SISMAVA	-8,0381	27-1	0
27	0,0875	SISMAVA	-7,9811	27-1	0,0875
27	0,175	SISMAVA	-7,9242	27-1	0,175
27	0	LM71SVB	0,9586	27-1	0
27	0,0875	LM71SVB	0,9669	27-1	0,0875
27	0,175	LM71SVB	0,9751	27-1	0,175
27	0	SW2SVB	0,798	27-1	0
27	0,0875	SW2SVB	0,8049	27-1	0,0875
27	0,175	SW2SVB	0,8117	27-1	0,175
27	0	SISMAVB	8,0373	27-1	0
27	0,0875	SISMAVB	7,9804	27-1	0,0875
27	0,175	SISMAVB	7,9235	27-1	0,175
28	0	PP	-38,2795	28-1	0
28	0,0875	PP	-37,7983	28-1	0,0875
28	0,175	PP	-37,317	28-1	0,175
28	0	REINTSUP	-6,2638	28-1	0
28	0,0875	REINTSUP	-6,3175	28-1	0,0875
28	0,175	REINTSUP	-6,3711	28-1	0,175
28	0	BALLAST	-7,2275	28-1	0
28	0,0875	BALLAST	-7,2894	28-1	0,0875
28	0,175	BALLAST	-7,3513	28-1	0,175
28	0	STERRASX	151,7097	28-1	0
28	0,0875	STERRASX	147,6773	28-1	0,0875
28	0,175	STERRASX	143,6449	28-1	0,175
28	0	STERRADX	-226,5737	28-1	0
28	0,0875	STERRADX	-209,8182	28-1	0,0875
28	0,175	STERRADX	-193,5575	28-1	0,175
28	0	TERMP	3,7014	28-1	0
28	0,0875	TERMP	3,6011	28-1	0,0875
28	0,175	TERMP	3,5009	28-1	0,175
28	0	TERMN	-11,1042	28-1	0
28	0,0875	TERMN	-10,8034	28-1	0,0875
28	0,175	TERMN	-10,5027	28-1	0,175
28	0	GRADTP	-6,7958	28-1	0
28	0,0875	GRADTP	-6,3124	28-1	0,0875
28	0,175	GRADTP	-5,829	28-1	0,175
28	0	GRADTN	6,7958	28-1	0
28	0,0875	GRADTN	6,3124	28-1	0,0875
28	0,175	GRADTN	5,829	28-1	0,175
28	0	LM71C	-30,8675	28-1	0
28	0,0875	LM71C	-31,1319	28-1	0,0875
28	0,175	LM71C	-31,3963	28-1	0,175
28	0	STLM71	103,5859	28-1	0
28	0,0875	STLM71	100,7788	28-1	0,0875
28	0,175	STLM71	97,9717	28-1	0,175
28	0	AVVLM71	70,8372	28-1	0
28	0,0875	AVVLM71	68,7864	28-1	0,0875
28	0,175	AVVLM71	66,7357	28-1	0,175
28	0	SW2	-25,7179	28-1	0
28	0,0875	SW2	-25,9382	28-1	0,0875
28	0,175	SW2	-26,1584	28-1	0,175
28	0	STSW2	86,3051	28-1	0
28	0,0875	STSW2	83,9663	28-1	0,0875
28	0,175	STSW2	81,6275	28-1	0,175
28	0	FRENSW2	75,1472	28-1	0
28	0,0875	FRENSW2	72,9717	28-1	0,0875
28	0,175	FRENSW2	70,7961	28-1	0,175
28	0	INCRTER	236,9935	28-1	0
28	0,0875	INCRTER	230,5712	28-1	0,0875
28	0,175	INCRTER	224,1488	28-1	0,175
28	0	LM71SISO	26,7638	28-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
28	0,0875	LM71SISO	25,989	28-1	0,0875
28	0,175	LM71SISO	25,2142	28-1	0,175
28	0	SW2SISO	22,3147	28-1	0
28	0,0875	SW2SISO	21,6687	28-1	0,0875
28	0,175	SW2SISO	21,0227	28-1	0,175
28	0	SISMAO	129,3195	28-1	0
28	0,0875	SISMAO	124,7714	28-1	0,0875
28	0,175	SISMAO	120,2552	28-1	0,175
28	0	LM71SVA	0,9586	28-1	0
28	0,0875	LM71SVA	0,9669	28-1	0,0875
28	0,175	LM71SVA	0,9751	28-1	0,175
28	0	SW2SVA	0,798	28-1	0
28	0,0875	SW2SVA	0,8049	28-1	0,0875
28	0,175	SW2SVA	0,8117	28-1	0,175
28	0	SISMAVA	8,0377	28-1	0
28	0,0875	SISMAVA	7,9808	28-1	0,0875
28	0,175	SISMAVA	7,9238	28-1	0,175
28	0	LM71SVB	-0,9586	28-1	0
28	0,0875	LM71SVB	-0,9669	28-1	0,0875
28	0,175	LM71SVB	-0,9751	28-1	0,175
28	0	SW2SVB	-0,798	28-1	0
28	0,0875	SW2SVB	-0,8049	28-1	0,0875
28	0,175	SW2SVB	-0,8117	28-1	0,175
28	0	SISMAVB	-8,0368	28-1	0
28	0,0875	SISMAVB	-7,9799	28-1	0,0875
28	0,175	SISMAVB	-7,9229	28-1	0,175
29	0	PP	37,317	29-1	0
29	0,70625	PP	33,4325	29-1	0,70625
29	1,4125	PP	29,5481	29-1	1,4125
29	0	REINTSUP	6,3711	29-1	0
29	0,70625	REINTSUP	6,8042	29-1	0,70625
29	1,4125	REINTSUP	7,2372	29-1	1,4125
29	0	BALLAST	7,3513	29-1	0
29	0,70625	BALLAST	7,851	29-1	0,70625
29	1,4125	BALLAST	8,3506	29-1	1,4125
29	0	STERRASX	193,5575	29-1	0
29	0,70625	STERRASX	79,7222	29-1	0,70625
29	1,4125	STERRASX	-5,2556	29-1	1,4125
29	0	STERRADX	-143,6449	29-1	0
29	0,70625	STERRADX	-111,098	29-1	0,70625
29	1,4125	STERRADX	-78,551	29-1	1,4125
29	0	TERMP	-3,5009	29-1	0
29	0,70625	TERMP	-2,6918	29-1	0,70625
29	1,4125	TERMP	-1,8826	29-1	1,4125
29	0	TERMN	10,5027	29-1	0
29	0,70625	TERMN	8,0753	29-1	0,70625
29	1,4125	TERMN	5,6479	29-1	1,4125
29	0	GRADTP	5,829	29-1	0
29	0,70625	GRADTP	1,9275	29-1	0,70625
29	1,4125	GRADTP	-1,974	29-1	1,4125
29	0	GRADTN	-5,829	29-1	0
29	0,70625	GRADTN	-1,9275	29-1	0,70625
29	1,4125	GRADTN	1,974	29-1	1,4125
29	0	LM71C	31,3963	29-1	0
29	0,70625	LM71C	33,5301	29-1	0,70625
29	1,4125	LM71C	35,664	29-1	1,4125
29	0	STLM71	125,3708	29-1	0
29	0,70625	STLM71	65,0985	29-1	0,70625
29	1,4125	STLM71	15,2909	29-1	1,4125
29	0	AVVLM71	66,7357	29-1	0
29	0,70625	AVVLM71	50,1833	29-1	0,70625
29	1,4125	AVVLM71	33,6309	29-1	1,4125
29	0	SW2	26,1584	29-1	0
29	0,70625	SW2	27,9363	29-1	0,70625
29	1,4125	SW2	29,7142	29-1	1,4125
29	0	STSW2	104,4558	29-1	0
29	0,70625	STSW2	54,2384	29-1	0,70625
29	1,4125	STSW2	12,7399	29-1	1,4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
29	0	FRENSW2	70,7961	29-1	0
29	0,70625	FRENSW2	53,2366	29-1	0,70625
29	1,4125	FRENSW2	35,6772	29-1	1,4125
29	0	INCRTER	286,8351	29-1	0
29	0,70625	INCRTER	148,9385	29-1	0,70625
29	1,4125	INCRTER	34,9838	29-1	1,4125
29	0	LM71SISO	25,2142	29-1	0
29	0,70625	LM71SISO	18,9603	29-1	0,70625
29	1,4125	LM71SISO	12,7065	29-1	1,4125
29	0	SW2SISO	21,0227	29-1	0
29	0,70625	SW2SISO	15,8085	29-1	0,70625
29	1,4125	SW2SISO	10,5942	29-1	1,4125
29	0	SISMAO	120,2552	29-1	0
29	0,70625	SISMAO	84,9689	29-1	0,70625
29	1,4125	SISMAO	51,7574	29-1	1,4125
29	0	LM71SVA	-0,9751	29-1	0
29	0,70625	LM71SVA	-1,0413	29-1	0,70625
29	1,4125	LM71SVA	-1,1076	29-1	1,4125
29	0	SW2SVA	-0,8117	29-1	0
29	0,70625	SW2SVA	-0,8669	29-1	0,70625
29	1,4125	SW2SVA	-0,922	29-1	1,4125
29	0	SISMAVA	-7,9242	29-1	0
29	0,70625	SISMAVA	-7,4646	29-1	0,70625
29	1,4125	SISMAVA	-7,005	29-1	1,4125
29	0	LM71SVB	0,9751	29-1	0
29	0,70625	LM71SVB	1,0413	29-1	0,70625
29	1,4125	LM71SVB	1,1076	29-1	1,4125
29	0	SW2SVB	0,8117	29-1	0
29	0,70625	SW2SVB	0,8669	29-1	0,70625
29	1,4125	SW2SVB	0,922	29-1	1,4125
29	0	SISMAVB	7,9235	29-1	0
29	0,70625	SISMAVB	7,464	29-1	0,70625
29	1,4125	SISMAVB	7,0045	29-1	1,4125
30	0	PP	-37,317	30-1	0
30	0,70625	PP	-33,4325	30-1	0,70625
30	1,4125	PP	-29,5481	30-1	1,4125
30	0	REINTSUP	-6,3711	30-1	0
30	0,70625	REINTSUP	-6,8042	30-1	0,70625
30	1,4125	REINTSUP	-7,2372	30-1	1,4125
30	0	BALLAST	-7,3513	30-1	0
30	0,70625	BALLAST	-7,851	30-1	0,70625
30	1,4125	BALLAST	-8,3506	30-1	1,4125
30	0	STERRASX	143,6449	30-1	0
30	0,70625	STERRASX	111,098	30-1	0,70625
30	1,4125	STERRASX	78,551	30-1	1,4125
30	0	STERRADX	-193,5575	30-1	0
30	0,70625	STERRADX	-79,7222	30-1	0,70625
30	1,4125	STERRADX	5,2556	30-1	1,4125
30	0	TERMP	3,5009	30-1	0
30	0,70625	TERMP	2,6918	30-1	0,70625
30	1,4125	TERMP	1,8826	30-1	1,4125
30	0	TERMN	-10,5027	30-1	0
30	0,70625	TERMN	-8,0753	30-1	0,70625
30	1,4125	TERMN	-5,6479	30-1	1,4125
30	0	GRADTP	-5,829	30-1	0
30	0,70625	GRADTP	-1,9275	30-1	0,70625
30	1,4125	GRADTP	1,974	30-1	1,4125
30	0	GRADTN	5,829	30-1	0
30	0,70625	GRADTN	1,9275	30-1	0,70625
30	1,4125	GRADTN	-1,974	30-1	1,4125
30	0	LM71C	-31,3963	30-1	0
30	0,70625	LM71C	-33,5301	30-1	0,70625
30	1,4125	LM71C	-35,664	30-1	1,4125
30	0	STLM71	97,9717	30-1	0
30	0,70625	STLM71	75,3144	30-1	0,70625
30	1,4125	STLM71	52,6571	30-1	1,4125
30	0	AVVLM71	66,7357	30-1	0
30	0,70625	AVVLM71	50,1833	30-1	0,70625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30	1,4125	AVVLM71	33,6309	30-1	1,4125
30	0	SW2	-26,1584	30-1	0
30	0,70625	SW2	-27,9363	30-1	0,70625
30	1,4125	SW2	-29,7142	30-1	1,4125
30	0	STSW2	81,6275	30-1	0
30	0,70625	STSW2	62,75	30-1	0,70625
30	1,4125	STSW2	43,8725	30-1	1,4125
30	0	FRENSW2	70,7961	30-1	0
30	0,70625	FRENSW2	53,2366	30-1	0,70625
30	1,4125	FRENSW2	35,6772	30-1	1,4125
30	0	INCRTER	224,1488	30-1	0
30	0,70625	INCRTER	172,3113	30-1	0,70625
30	1,4125	INCRTER	120,4738	30-1	1,4125
30	0	LM71SISO	25,2142	30-1	0
30	0,70625	LM71SISO	18,9603	30-1	0,70625
30	1,4125	LM71SISO	12,7065	30-1	1,4125
30	0	SW2SISO	21,0227	30-1	0
30	0,70625	SW2SISO	15,8085	30-1	0,70625
30	1,4125	SW2SISO	10,5942	30-1	1,4125
30	0	SISMAO	120,2552	30-1	0
30	0,70625	SISMAO	84,9689	30-1	0,70625
30	1,4125	SISMAO	51,7574	30-1	1,4125
30	0	LM71SVA	0,9751	30-1	0
30	0,70625	LM71SVA	1,0413	30-1	0,70625
30	1,4125	LM71SVA	1,1076	30-1	1,4125
30	0	SW2SVA	0,8117	30-1	0
30	0,70625	SW2SVA	0,8669	30-1	0,70625
30	1,4125	SW2SVA	0,922	30-1	1,4125
30	0	SISMAVA	7,9238	30-1	0
30	0,70625	SISMAVA	7,4642	30-1	0,70625
30	1,4125	SISMAVA	7,0046	30-1	1,4125
30	0	LM71SVB	-0,9751	30-1	0
30	0,70625	LM71SVB	-1,0413	30-1	0,70625
30	1,4125	LM71SVB	-1,1076	30-1	1,4125
30	0	SW2SVB	-0,8117	30-1	0
30	0,70625	SW2SVB	-0,8669	30-1	0,70625
30	1,4125	SW2SVB	-0,922	30-1	1,4125
30	0	SISMAVB	-7,9229	30-1	0
30	0,70625	SISMAVB	-7,4635	30-1	0,70625
30	1,4125	SISMAVB	-7,004	30-1	1,4125
31	0	PP	29,5481	31-1	0
31	0,70625	PP	25,6636	31-1	0,70625
31	1,4125	PP	21,7791	31-1	1,4125
31	0	REINTSUP	7,2372	31-1	0
31	0,70625	REINTSUP	7,6702	31-1	0,70625
31	1,4125	REINTSUP	8,1032	31-1	1,4125
31	0	BALLAST	8,3506	31-1	0
31	0,70625	BALLAST	8,8502	31-1	0,70625
31	1,4125	BALLAST	9,3499	31-1	1,4125
31	0	STERRASX	-5,2556	31-1	0
31	0,70625	STERRASX	-64,3808	31-1	0,70625
31	1,4125	STERRASX	-100,6565	31-1	1,4125
31	0	STERRADX	-78,551	31-1	0
31	0,70625	STERRADX	-46,0041	31-1	0,70625
31	1,4125	STERRADX	-13,4571	31-1	1,4125
31	0	TERMP	-1,8826	31-1	0
31	0,70625	TERMP	-1,0735	31-1	0,70625
31	1,4125	TERMP	-0,2644	31-1	1,4125
31	0	TERMN	5,6479	31-1	0
31	0,70625	TERMN	3,2205	31-1	0,70625
31	1,4125	TERMN	0,7931	31-1	1,4125
31	0	GRADTP	-1,974	31-1	0
31	0,70625	GRADTP	-5,8755	31-1	0,70625
31	1,4125	GRADTP	-9,777	31-1	1,4125
31	0	GRADTN	1,974	31-1	0
31	0,70625	GRADTN	5,8755	31-1	0,70625
31	1,4125	GRADTN	9,777	31-1	1,4125
31	0	LM71C	35,664	31-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31	0,70625	LM71C	37,7979	31-1	0,70625
31	1,4125	LM71C	39,9318	31-1	1,4125
31	0	STLM71	15,2909	31-1	0
31	0,70625	STLM71	-24,0522	31-1	0,70625
31	1,4125	STLM71	-52,9307	31-1	1,4125
31	0	AVVLM71	33,6309	31-1	0
31	0,70625	AVVLM71	17,0785	31-1	0,70625
31	1,4125	AVVLM71	0,5262	31-1	1,4125
31	0	SW2	29,7142	31-1	0
31	0,70625	SW2	31,4921	31-1	0,70625
31	1,4125	SW2	33,27	31-1	1,4125
31	0	STSW2	12,7399	31-1	0
31	0,70625	STSW2	-20,0397	31-1	0,70625
31	1,4125	STSW2	-44,1005	31-1	1,4125
31	0	FRENSW2	35,6772	31-1	0
31	0,70625	FRENSW2	18,1177	31-1	0,70625
31	1,4125	FRENSW2	0,5582	31-1	1,4125
31	0	INCRTER	34,9838	31-1	0
31	0,70625	INCRTER	-55,0289	31-1	0,70625
31	1,4125	INCRTER	-121,0999	31-1	1,4125
31	0	LM71SISO	12,7065	31-1	0
31	0,70625	LM71SISO	6,4526	31-1	0,70625
31	1,4125	LM71SISO	0,1988	31-1	1,4125
31	0	SW2SISO	10,5942	31-1	0
31	0,70625	SW2SISO	5,38	31-1	0,70625
31	1,4125	SW2SISO	0,1657	31-1	1,4125
31	0	SISMAO	51,7574	31-1	0
31	0,70625	SISMAO	20,621	31-1	0,70625
31	1,4125	SISMAO	-8,4405	31-1	1,4125
31	0	LM71SVA	-1,1076	31-1	0
31	0,70625	LM71SVA	-1,1739	31-1	0,70625
31	1,4125	LM71SVA	-1,2402	31-1	1,4125
31	0	SW2SVA	-0,922	31-1	0
31	0,70625	SW2SVA	-0,9772	31-1	0,70625
31	1,4125	SW2SVA	-1,0324	31-1	1,4125
31	0	SISMAVA	-7,005	31-1	0
31	0,70625	SISMAVA	-6,5454	31-1	0,70625
31	1,4125	SISMAVA	-6,0858	31-1	1,4125
31	0	LM71SVB	1,1076	31-1	0
31	0,70625	LM71SVB	1,1739	31-1	0,70625
31	1,4125	LM71SVB	1,2402	31-1	1,4125
31	0	SW2SVB	0,922	31-1	0
31	0,70625	SW2SVB	0,9772	31-1	0,70625
31	1,4125	SW2SVB	1,0324	31-1	1,4125
31	0	SISMAVB	7,0045	31-1	0
31	0,70625	SISMAVB	6,545	31-1	0,70625
31	1,4125	SISMAVB	6,0855	31-1	1,4125
32	0	PP	-29,5481	32-1	0
32	0,70625	PP	-25,6636	32-1	0,70625
32	1,4125	PP	-21,7791	32-1	1,4125
32	0	REINTSUP	-7,2372	32-1	0
32	0,70625	REINTSUP	-7,6702	32-1	0,70625
32	1,4125	REINTSUP	-8,1032	32-1	1,4125
32	0	BALLAST	-8,3506	32-1	0
32	0,70625	BALLAST	-8,8502	32-1	0,70625
32	1,4125	BALLAST	-9,3499	32-1	1,4125
32	0	STERRASX	78,551	32-1	0
32	0,70625	STERRASX	46,0041	32-1	0,70625
32	1,4125	STERRASX	13,4571	32-1	1,4125
32	0	STERRADX	5,2556	32-1	0
32	0,70625	STERRADX	64,3808	32-1	0,70625
32	1,4125	STERRADX	100,6565	32-1	1,4125
32	0	TERMP	1,8826	32-1	0
32	0,70625	TERMP	1,0735	32-1	0,70625
32	1,4125	TERMP	0,2644	32-1	1,4125
32	0	TERMN	-5,6479	32-1	0
32	0,70625	TERMN	-3,2205	32-1	0,70625
32	1,4125	TERMN	-0,7931	32-1	1,4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
32	0	GRADTP	1,974	32-1	0
32	0,70625	GRADTP	5,8755	32-1	0,70625
32	1,4125	GRADTP	9,777	32-1	1,4125
32	0	GRADTN	-1,974	32-1	0
32	0,70625	GRADTN	-5,8755	32-1	0,70625
32	1,4125	GRADTN	-9,777	32-1	1,4125
32	0	LM71C	-35,664	32-1	0
32	0,70625	LM71C	-37,7979	32-1	0,70625
32	1,4125	LM71C	-39,9318	32-1	1,4125
32	0	STLM71	52,6571	32-1	0
32	0,70625	STLM71	29,9998	32-1	0,70625
32	1,4125	STLM71	7,3425	32-1	1,4125
32	0	AVVLM71	33,6309	32-1	0
32	0,70625	AVVLM71	17,0785	32-1	0,70625
32	1,4125	AVVLM71	0,5262	32-1	1,4125
32	0	SW2	-29,7142	32-1	0
32	0,70625	SW2	-31,4921	32-1	0,70625
32	1,4125	SW2	-33,27	32-1	1,4125
32	0	STSW2	43,8725	32-1	0
32	0,70625	STSW2	24,995	32-1	0,70625
32	1,4125	STSW2	6,1175	32-1	1,4125
32	0	FRENSW2	35,6772	32-1	0
32	0,70625	FRENSW2	18,1177	32-1	0,70625
32	1,4125	FRENSW2	0,5582	32-1	1,4125
32	0	INCRTER	120,4738	32-1	0
32	0,70625	INCRTER	68,6363	32-1	0,70625
32	1,4125	INCRTER	16,7987	32-1	1,4125
32	0	LM71SISO	12,7065	32-1	0
32	0,70625	LM71SISO	6,4526	32-1	0,70625
32	1,4125	LM71SISO	0,1988	32-1	1,4125
32	0	SW2SISO	10,5942	32-1	0
32	0,70625	SW2SISO	5,38	32-1	0,70625
32	1,4125	SW2SISO	0,1657	32-1	1,4125
32	0	SISMAO	51,7574	32-1	0
32	0,70625	SISMAO	20,621	32-1	0,70625
32	1,4125	SISMAO	-8,4405	32-1	1,4125
32	0	LM71SVA	1,1076	32-1	0
32	0,70625	LM71SVA	1,1739	32-1	0,70625
32	1,4125	LM71SVA	1,2402	32-1	1,4125
32	0	SW2SVA	0,922	32-1	0
32	0,70625	SW2SVA	0,9772	32-1	0,70625
32	1,4125	SW2SVA	1,0324	32-1	1,4125
32	0	SISMAVA	7,0046	32-1	0
32	0,70625	SISMAVA	6,545	32-1	0,70625
32	1,4125	SISMAVA	6,0854	32-1	1,4125
32	0	LM71SVB	-1,1076	32-1	0
32	0,70625	LM71SVB	-1,1739	32-1	0,70625
32	1,4125	LM71SVB	-1,2402	32-1	1,4125
32	0	SW2SVB	-0,922	32-1	0
32	0,70625	SW2SVB	-0,9772	32-1	0,70625
32	1,4125	SW2SVB	-1,0324	32-1	1,4125
32	0	SISMAVB	-7,004	32-1	0
32	0,70625	SISMAVB	-6,5445	32-1	0,70625
32	1,4125	SISMAVB	-6,085	32-1	1,4125
33	0	PP	21,7791	33-1	0
33	0,70625	PP	17,8947	33-1	0,70625
33	1,4125	PP	14,0102	33-1	1,4125
33	0	REINTSUP	8,1032	33-1	0
33	0,70625	REINTSUP	8,5363	33-1	0,70625
33	1,4125	REINTSUP	8,9693	33-1	1,4125
33	0	BALLAST	9,3499	33-1	0
33	0,70625	BALLAST	9,8495	33-1	0,70625
33	1,4125	BALLAST	10,3492	33-1	1,4125
33	0	STERRASX	-100,6565	33-1	0
33	0,70625	STERRASX	-117,0858	33-1	0,70625
33	1,4125	STERRASX	-116,6734	33-1	1,4125
33	0	STERRADX	-13,4571	33-1	0
33	0,70625	STERRADX	19,0898	33-1	0,70625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33	1,4125	STERRADX	51,6368	33-1	1,4125
33	0	TERMP	-0,2644	33-1	0
33	0,70625	TERMP	0,5448	33-1	0,70625
33	1,4125	TERMP	1,3539	33-1	1,4125
33	0	TERMN	0,7931	33-1	0
33	0,70625	TERMN	-1,6343	33-1	0,70625
33	1,4125	TERMN	-4,0617	33-1	1,4125
33	0	GRADTP	-9,777	33-1	0
33	0,70625	GRADTP	-13,6786	33-1	0,70625
33	1,4125	GRADTP	-17,5801	33-1	1,4125
33	0	GRADTN	9,777	33-1	0
33	0,70625	GRADTN	13,6786	33-1	0,70625
33	1,4125	GRADTN	17,5801	33-1	1,4125
33	0	LM71C	39,9318	33-1	0
33	0,70625	LM71C	42,0657	33-1	0,70625
33	1,4125	LM71C	44,1996	33-1	1,4125
33	0	STLM71	-52,9307	33-1	0
33	0,70625	STLM71	-71,3446	33-1	0,70625
33	1,4125	STLM71	-79,2939	33-1	1,4125
33	0	AVVLM71	0,5262	33-1	0
33	0,70625	AVVLM71	-16,0262	33-1	0,70625
33	1,4125	AVVLM71	-32,5786	33-1	1,4125
33	0	SW2	33,27	33-1	0
33	0,70625	SW2	35,0479	33-1	0,70625
33	1,4125	SW2	36,8258	33-1	1,4125
33	0	STSW2	-44,1005	33-1	0
33	0,70625	STSW2	-59,4425	33-1	0,70625
33	1,4125	STSW2	-66,0657	33-1	1,4125
33	0	FRENSW2	0,5582	33-1	0
33	0,70625	FRENSW2	-17,0013	33-1	0,70625
33	1,4125	FRENSW2	-34,5608	33-1	1,4125
33	0	INCRTER	-121,0999	33-1	0
33	0,70625	INCRTER	-163,2289	33-1	0,70625
33	1,4125	INCRTER	-181,4161	33-1	1,4125
33	0	LM71SISO	0,1988	33-1	0
33	0,70625	LM71SISO	-6,0551	33-1	0,70625
33	1,4125	LM71SISO	-12,3089	33-1	1,4125
33	0	SW2SISO	0,1657	33-1	0
33	0,70625	SW2SISO	-5,0485	33-1	0,70625
33	1,4125	SW2SISO	-10,2627	33-1	1,4125
33	0	SISMAO	-8,4405	33-1	0
33	0,70625	SISMAO	-35,427	33-1	0,70625
33	1,4125	SISMAO	-60,3386	33-1	1,4125
33	0	LM71SVA	-1,2402	33-1	0
33	0,70625	LM71SVA	-1,3064	33-1	0,70625
33	1,4125	LM71SVA	-1,3727	33-1	1,4125
33	0	SW2SVA	-1,0324	33-1	0
33	0,70625	SW2SVA	-1,0876	33-1	0,70625
33	1,4125	SW2SVA	-1,1427	33-1	1,4125
33	0	SISMAVA	-6,0858	33-1	0
33	0,70625	SISMAVA	-5,6262	33-1	0,70625
33	1,4125	SISMAVA	-5,1666	33-1	1,4125
33	0	LM71SVB	1,2402	33-1	0
33	0,70625	LM71SVB	1,3064	33-1	0,70625
33	1,4125	LM71SVB	1,3727	33-1	1,4125
33	0	SW2SVB	1,0324	33-1	0
33	0,70625	SW2SVB	1,0876	33-1	0,70625
33	1,4125	SW2SVB	1,1427	33-1	1,4125
33	0	SISMAVB	6,0855	33-1	0
33	0,70625	SISMAVB	5,626	33-1	0,70625
33	1,4125	SISMAVB	5,1665	33-1	1,4125
34	0	PP	-21,7791	34-1	0
34	0,70625	PP	-17,8947	34-1	0,70625
34	1,4125	PP	-14,0102	34-1	1,4125
34	0	REINTSUP	-8,1032	34-1	0
34	0,70625	REINTSUP	-8,5363	34-1	0,70625
34	1,4125	REINTSUP	-8,9693	34-1	1,4125
34	0	BALLAST	-9,3499	34-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
34	0,70625	BALLAST	-9,8495	34-1	0,70625
34	1,4125	BALLAST	-10,3492	34-1	1,4125
34	0	STERRASX	13,4571	34-1	0
34	0,70625	STERRASX	-19,0898	34-1	0,70625
34	1,4125	STERRASX	-51,6368	34-1	1,4125
34	0	STERRADX	100,6565	34-1	0
34	0,70625	STERRADX	117,0858	34-1	0,70625
34	1,4125	STERRADX	116,6734	34-1	1,4125
34	0	TERMP	0,2644	34-1	0
34	0,70625	TERMP	-0,5448	34-1	0,70625
34	1,4125	TERMP	-1,3539	34-1	1,4125
34	0	TERMN	-0,7931	34-1	0
34	0,70625	TERMN	1,6343	34-1	0,70625
34	1,4125	TERMN	4,0617	34-1	1,4125
34	0	GRADTP	9,777	34-1	0
34	0,70625	GRADTP	13,6786	34-1	0,70625
34	1,4125	GRADTP	17,5801	34-1	1,4125
34	0	GRADTN	-9,777	34-1	0
34	0,70625	GRADTN	-13,6786	34-1	0,70625
34	1,4125	GRADTN	-17,5801	34-1	1,4125
34	0	LM71C	-39,9318	34-1	0
34	0,70625	LM71C	-42,0657	34-1	0,70625
34	1,4125	LM71C	-44,1996	34-1	1,4125
34	0	STLM71	7,3425	34-1	0
34	0,70625	STLM71	-15,3149	34-1	0,70625
34	1,4125	STLM71	-37,9722	34-1	1,4125
34	0	AVVLM71	0,5262	34-1	0
34	0,70625	AVVLM71	-16,0262	34-1	0,70625
34	1,4125	AVVLM71	-32,5786	34-1	1,4125
34	0	SW2	-33,27	34-1	0
34	0,70625	SW2	-35,0479	34-1	0,70625
34	1,4125	SW2	-36,8258	34-1	1,4125
34	0	STSW2	6,1175	34-1	0
34	0,70625	STSW2	-12,76	34-1	0,70625
34	1,4125	STSW2	-31,6374	34-1	1,4125
34	0	FRENSW2	0,5582	34-1	0
34	0,70625	FRENSW2	-17,0013	34-1	0,70625
34	1,4125	FRENSW2	-34,5608	34-1	1,4125
34	0	INCRTER	16,7987	34-1	0
34	0,70625	INCRTER	-35,0388	34-1	0,70625
34	1,4125	INCRTER	-86,8763	34-1	1,4125
34	0	LM71SISO	0,1988	34-1	0
34	0,70625	LM71SISO	-6,0551	34-1	0,70625
34	1,4125	LM71SISO	-12,3089	34-1	1,4125
34	0	SW2SISO	0,1657	34-1	0
34	0,70625	SW2SISO	-5,0485	34-1	0,70625
34	1,4125	SW2SISO	-10,2627	34-1	1,4125
34	0	SISMAO	-8,4405	34-1	0
34	0,70625	SISMAO	-35,427	34-1	0,70625
34	1,4125	SISMAO	-60,3386	34-1	1,4125
34	0	LM71SVA	1,2402	34-1	0
34	0,70625	LM71SVA	1,3064	34-1	0,70625
34	1,4125	LM71SVA	1,3727	34-1	1,4125
34	0	SW2SVA	1,0324	34-1	0
34	0,70625	SW2SVA	1,0876	34-1	0,70625
34	1,4125	SW2SVA	1,1427	34-1	1,4125
34	0	SISMAVA	6,0854	34-1	0
34	0,70625	SISMAVA	5,6259	34-1	0,70625
34	1,4125	SISMAVA	5,1663	34-1	1,4125
34	0	LM71SVB	-1,2402	34-1	0
34	0,70625	LM71SVB	-1,3064	34-1	0,70625
34	1,4125	LM71SVB	-1,3727	34-1	1,4125
34	0	SW2SVB	-1,0324	34-1	0
34	0,70625	SW2SVB	-1,0876	34-1	0,70625
34	1,4125	SW2SVB	-1,1427	34-1	1,4125
34	0	SISMAVB	-6,085	34-1	0
34	0,70625	SISMAVB	-5,6255	34-1	0,70625
34	1,4125	SISMAVB	-5,166	34-1	1,4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
35	0	PP	14,0102	35-1	0
35	0,70625	PP	10,1257	35-1	0,70625
35	1,4125	PP	6,2413	35-1	1,4125
35	0	REINTSUP	8,9693	35-1	0
35	0,70625	REINTSUP	9,4023	35-1	0,70625
35	1,4125	REINTSUP	9,8353	35-1	1,4125
35	0	BALLAST	10,3492	35-1	0
35	0,70625	BALLAST	10,8488	35-1	0,70625
35	1,4125	BALLAST	11,3484	35-1	1,4125
35	0	STERRASX	-116,6734	35-1	0
35	0,70625	STERRASX	-102,4247	35-1	0,70625
35	1,4125	STERRASX	-77,3447	35-1	1,4125
35	0	STERRADX	51,6368	35-1	0
35	0,70625	STERRADX	84,1837	35-1	0,70625
35	1,4125	STERRADX	116,7307	35-1	1,4125
35	0	TERMP	1,3539	35-1	0
35	0,70625	TERMP	2,163	35-1	0,70625
35	1,4125	TERMP	2,9722	35-1	1,4125
35	0	TERMN	-4,0617	35-1	0
35	0,70625	TERMN	-6,4891	35-1	0,70625
35	1,4125	TERMN	-8,9165	35-1	1,4125
35	0	GRADTP	-17,5801	35-1	0
35	0,70625	GRADTP	-21,4816	35-1	0,70625
35	1,4125	GRADTP	-25,3831	35-1	1,4125
35	0	GRADTN	17,5801	35-1	0
35	0,70625	GRADTN	21,4816	35-1	0,70625
35	1,4125	GRADTN	25,3831	35-1	1,4125
35	0	LM71C	44,1996	35-1	0
35	0,70625	LM71C	46,3334	35-1	0,70625
35	1,4125	LM71C	48,4673	35-1	1,4125
35	0	STLM71	-79,2939	35-1	0
35	0,70625	STLM71	-76,7787	35-1	0,70625
35	1,4125	STLM71	-63,7988	35-1	1,4125
35	0	AVVLM71	-32,5786	35-1	0
35	0,70625	AVVLM71	-49,131	35-1	0,70625
35	1,4125	AVVLM71	-65,6834	35-1	1,4125
35	0	SW2	36,8258	35-1	0
35	0,70625	SW2	38,6037	35-1	0,70625
35	1,4125	SW2	40,3816	35-1	1,4125
35	0	STSW2	-66,0657	35-1	0
35	0,70625	STSW2	-63,97	35-1	0,70625
35	1,4125	STSW2	-53,1555	35-1	1,4125
35	0	FRENSW2	-34,5608	35-1	0
35	0,70625	FRENSW2	-52,1203	35-1	0,70625
35	1,4125	FRENSW2	-69,6798	35-1	1,4125
35	0	INCRTER	-181,4161	35-1	0
35	0,70625	INCRTER	-175,6614	35-1	0,70625
35	1,4125	INCRTER	-145,9648	35-1	1,4125
35	0	LM71SISO	-12,3089	35-1	0
35	0,70625	LM71SISO	-18,5627	35-1	0,70625
35	1,4125	LM71SISO	-24,8166	35-1	1,4125
35	0	SW2SISO	-10,2627	35-1	0
35	0,70625	SW2SISO	-15,477	35-1	0,70625
35	1,4125	SW2SISO	-20,6912	35-1	1,4125
35	0	SISMAO	-60,3386	35-1	0
35	0,70625	SISMAO	-83,1751	35-1	0,70625
35	1,4125	SISMAO	-103,9368	35-1	1,4125
35	0	LM71SVA	-1,3727	35-1	0
35	0,70625	LM71SVA	-1,439	35-1	0,70625
35	1,4125	LM71SVA	-1,5052	35-1	1,4125
35	0	SW2SVA	-1,1427	35-1	0
35	0,70625	SW2SVA	-1,1979	35-1	0,70625
35	1,4125	SW2SVA	-1,2531	35-1	1,4125
35	0	SISMAVA	-5,1666	35-1	0
35	0,70625	SISMAVA	-4,707	35-1	0,70625
35	1,4125	SISMAVA	-4,2475	35-1	1,4125
35	0	LM71SVB	1,3727	35-1	0
35	0,70625	LM71SVB	1,439	35-1	0,70625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
35	1,4125	LM71SVB	1,5052	35-1	1,4125
35	0	SW2SVB	1,1427	35-1	0
35	0,70625	SW2SVB	1,1979	35-1	0,70625
35	1,4125	SW2SVB	1,2531	35-1	1,4125
35	0	SISMAVB	5,1665	35-1	0
35	0,70625	SISMAVB	4,707	35-1	0,70625
35	1,4125	SISMAVB	4,2475	35-1	1,4125
36	0	PP	-14,0102	36-1	0
36	0,70625	PP	-10,1257	36-1	0,70625
36	1,4125	PP	-6,2413	36-1	1,4125
36	0	REINTSUP	-8,9693	36-1	0
36	0,70625	REINTSUP	-9,4023	36-1	0,70625
36	1,4125	REINTSUP	-9,8353	36-1	1,4125
36	0	BALLAST	-10,3492	36-1	0
36	0,70625	BALLAST	-10,8488	36-1	0,70625
36	1,4125	BALLAST	-11,3484	36-1	1,4125
36	0	STERRASX	-51,6368	36-1	0
36	0,70625	STERRASX	-84,1837	36-1	0,70625
36	1,4125	STERRASX	-116,7307	36-1	1,4125
36	0	STERRADX	116,6734	36-1	0
36	0,70625	STERRADX	102,4247	36-1	0,70625
36	1,4125	STERRADX	77,3447	36-1	1,4125
36	0	TERMP	-1,3539	36-1	0
36	0,70625	TERMP	-2,163	36-1	0,70625
36	1,4125	TERMP	-2,9722	36-1	1,4125
36	0	TERMN	4,0617	36-1	0
36	0,70625	TERMN	6,4891	36-1	0,70625
36	1,4125	TERMN	8,9165	36-1	1,4125
36	0	GRADTP	17,5801	36-1	0
36	0,70625	GRADTP	21,4816	36-1	0,70625
36	1,4125	GRADTP	25,3831	36-1	1,4125
36	0	GRADTN	-17,5801	36-1	0
36	0,70625	GRADTN	-21,4816	36-1	0,70625
36	1,4125	GRADTN	-25,3831	36-1	1,4125
36	0	LM71C	-44,1996	36-1	0
36	0,70625	LM71C	-46,3334	36-1	0,70625
36	1,4125	LM71C	-48,4673	36-1	1,4125
36	0	STLM71	-37,9722	36-1	0
36	0,70625	STLM71	-60,6295	36-1	0,70625
36	1,4125	STLM71	-83,2868	36-1	1,4125
36	0	AVVLM71	-32,5786	36-1	0
36	0,70625	AVVLM71	-49,131	36-1	0,70625
36	1,4125	AVVLM71	-65,6834	36-1	1,4125
36	0	SW2	-36,8258	36-1	0
36	0,70625	SW2	-38,6037	36-1	0,70625
36	1,4125	SW2	-40,3816	36-1	1,4125
36	0	STSW2	-31,6374	36-1	0
36	0,70625	STSW2	-50,5149	36-1	0,70625
36	1,4125	STSW2	-69,3924	36-1	1,4125
36	0	FRENSW2	-34,5608	36-1	0
36	0,70625	FRENSW2	-52,1203	36-1	0,70625
36	1,4125	FRENSW2	-69,6798	36-1	1,4125
36	0	INCRTER	-86,8763	36-1	0
36	0,70625	INCRTER	-138,7138	36-1	0,70625
36	1,4125	INCRTER	-190,5513	36-1	1,4125
36	0	LM71SISO	-12,3089	36-1	0
36	0,70625	LM71SISO	-18,5627	36-1	0,70625
36	1,4125	LM71SISO	-24,8166	36-1	1,4125
36	0	SW2SISO	-10,2627	36-1	0
36	0,70625	SW2SISO	-15,477	36-1	0,70625
36	1,4125	SW2SISO	-20,6912	36-1	1,4125
36	0	SISMAO	-60,3386	36-1	0
36	0,70625	SISMAO	-83,1751	36-1	0,70625
36	1,4125	SISMAO	-103,9368	36-1	1,4125
36	0	LM71SVA	1,3727	36-1	0
36	0,70625	LM71SVA	1,439	36-1	0,70625
36	1,4125	LM71SVA	1,5052	36-1	1,4125
36	0	SW2SVA	1,1427	36-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
36	0,70625	SW2SVA	1,1979	36-1	0,70625
36	1,4125	SW2SVA	1,2531	36-1	1,4125
36	0	SISMAVA	5,1663	36-1	0
36	0,70625	SISMAVA	4,7067	36-1	0,70625
36	1,4125	SISMAVA	4,2471	36-1	1,4125
36	0	LM71SVB	-1,3727	36-1	0
36	0,70625	LM71SVB	-1,439	36-1	0,70625
36	1,4125	LM71SVB	-1,5052	36-1	1,4125
36	0	SW2SVB	-1,1427	36-1	0
36	0,70625	SW2SVB	-1,1979	36-1	0,70625
36	1,4125	SW2SVB	-1,2531	36-1	1,4125
36	0	SISMAVB	-5,166	36-1	0
36	0,70625	SISMAVB	-4,7065	36-1	0,70625
36	1,4125	SISMAVB	-4,247	36-1	1,4125
37	0	PP	6,2413	37-1	0
37	0,075	PP	5,8287	37-1	0,075
37	0,15	PP	5,4162	37-1	0,15
37	0	REINTSUP	9,8353	37-1	0
37	0,075	REINTSUP	9,8813	37-1	0,075
37	0,15	REINTSUP	9,9273	37-1	0,15
37	0	BALLAST	11,3484	37-1	0
37	0,075	BALLAST	11,4015	37-1	0,075
37	0,15	BALLAST	11,4546	37-1	0,15
37	0	STERRASX	-77,3447	37-1	0
37	0,075	STERRASX	-74,1691	37-1	0,075
37	0,15	STERRASX	-70,9088	37-1	0,15
37	0	STERRADX	116,7307	37-1	0
37	0,075	STERRADX	120,187	37-1	0,075
37	0,15	STERRADX	123,6433	37-1	0,15
37	0	TERMP	2,9722	37-1	0
37	0,075	TERMP	3,0581	37-1	0,075
37	0,15	TERMP	3,144	37-1	0,15
37	0	TERMN	-8,9165	37-1	0
37	0,075	TERMN	-9,1743	37-1	0,075
37	0,15	TERMN	-9,4321	37-1	0,15
37	0	GRADTP	-25,3831	37-1	0
37	0,075	GRADTP	-25,7974	37-1	0,075
37	0,15	GRADTP	-26,2117	37-1	0,15
37	0	GRADTN	25,3831	37-1	0
37	0,075	GRADTN	25,7974	37-1	0,075
37	0,15	GRADTN	26,2117	37-1	0,15
37	0	LM71C	48,4673	37-1	0
37	0,075	LM71C	48,6939	37-1	0,075
37	0,15	LM71C	48,9205	37-1	0,15
37	0	STLM71	-63,7988	37-1	0
37	0,075	STLM71	-61,8057	37-1	0,075
37	0,15	STLM71	-59,6947	37-1	0,15
37	0	AVVLM71	-65,6834	37-1	0
37	0,075	AVVLM71	-67,4411	37-1	0,075
37	0,15	AVVLM71	-69,1989	37-1	0,15
37	0	SW2	40,3816	37-1	0
37	0,075	SW2	40,5704	37-1	0,075
37	0,15	SW2	40,7592	37-1	0,15
37	0	STSW2	-53,1555	37-1	0
37	0,075	STSW2	-51,495	37-1	0,075
37	0,15	STSW2	-49,7361	37-1	0,15
37	0	FRENSW2	-69,6798	37-1	0
37	0,075	FRENSW2	-71,5445	37-1	0,075
37	0,15	FRENSW2	-73,4093	37-1	0,15
37	0	INCRTER	-145,9648	37-1	0
37	0,075	INCRTER	-141,4049	37-1	0,075
37	0,15	INCRTER	-136,575	37-1	0,15
37	0	LM71SISO	-24,8166	37-1	0
37	0,075	LM71SISO	-25,4807	37-1	0,075
37	0,15	LM71SISO	-26,1448	37-1	0,15
37	0	SW2SISO	-20,6912	37-1	0
37	0,075	SW2SISO	-21,245	37-1	0,075
37	0,15	SW2SISO	-21,7987	37-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
37	0	SISMAO	-103,9368	37-1	0
37	0,075	SISMAO	-106,0197	37-1	0,075
37	0,15	SISMAO	-108,0792	37-1	0,15
37	0	LM71SVA	-1,5052	37-1	0
37	0,075	LM71SVA	-1,5123	37-1	0,075
37	0,15	LM71SVA	-1,5193	37-1	0,15
37	0	SW2SVA	-1,2531	37-1	0
37	0,075	SW2SVA	-1,2589	37-1	0,075
37	0,15	SW2SVA	-1,2648	37-1	0,15
37	0	SISMAVA	-4,2475	37-1	0
37	0,075	SISMAVA	-4,1986	37-1	0,075
37	0,15	SISMAVA	-4,1498	37-1	0,15
37	0	LM71SVB	1,5052	37-1	0
37	0,075	LM71SVB	1,5123	37-1	0,075
37	0,15	LM71SVB	1,5193	37-1	0,15
37	0	SW2SVB	1,2531	37-1	0
37	0,075	SW2SVB	1,2589	37-1	0,075
37	0,15	SW2SVB	1,2648	37-1	0,15
37	0	SISMAVB	4,2475	37-1	0
37	0,075	SISMAVB	4,1987	37-1	0,075
37	0,15	SISMAVB	4,15	37-1	0,15
38	0	PP	-6,2413	38-1	0
38	0,075	PP	-5,8287	38-1	0,075
38	0,15	PP	-5,4162	38-1	0,15
38	0	REINTSUP	-9,8353	38-1	0
38	0,075	REINTSUP	-9,8813	38-1	0,075
38	0,15	REINTSUP	-9,9273	38-1	0,15
38	0	BALLAST	-11,3484	38-1	0
38	0,075	BALLAST	-11,4015	38-1	0,075
38	0,15	BALLAST	-11,4546	38-1	0,15
38	0	STERRASX	-116,7307	38-1	0
38	0,075	STERRASX	-120,187	38-1	0,075
38	0,15	STERRASX	-123,6433	38-1	0,15
38	0	STERRADX	77,3447	38-1	0
38	0,075	STERRADX	74,1691	38-1	0,075
38	0,15	STERRADX	70,9088	38-1	0,15
38	0	TERMP	-2,9722	38-1	0
38	0,075	TERMP	-3,0581	38-1	0,075
38	0,15	TERMP	-3,144	38-1	0,15
38	0	TERMN	8,9165	38-1	0
38	0,075	TERMN	9,1743	38-1	0,075
38	0,15	TERMN	9,4321	38-1	0,15
38	0	GRADTP	25,3831	38-1	0
38	0,075	GRADTP	25,7974	38-1	0,075
38	0,15	GRADTP	26,2117	38-1	0,15
38	0	GRADTN	-25,3831	38-1	0
38	0,075	GRADTN	-25,7974	38-1	0,075
38	0,15	GRADTN	-26,2117	38-1	0,15
38	0	LM71C	-48,4673	38-1	0
38	0,075	LM71C	-48,6939	38-1	0,075
38	0,15	LM71C	-48,9205	38-1	0,15
38	0	STLM71	-83,2868	38-1	0
38	0,075	STLM71	-85,6929	38-1	0,075
38	0,15	STLM71	-88,099	38-1	0,15
38	0	AVVLM71	-65,6834	38-1	0
38	0,075	AVVLM71	-67,4411	38-1	0,075
38	0,15	AVVLM71	-69,1989	38-1	0,15
38	0	SW2	-40,3816	38-1	0
38	0,075	SW2	-40,5704	38-1	0,075
38	0,15	SW2	-40,7592	38-1	0,15
38	0	STSW2	-69,3924	38-1	0
38	0,075	STSW2	-71,3971	38-1	0,075
38	0,15	STSW2	-73,4018	38-1	0,15
38	0	FRENSW2	-69,6798	38-1	0
38	0,075	FRENSW2	-71,5445	38-1	0,075
38	0,15	FRENSW2	-73,4093	38-1	0,15
38	0	INCRTER	-190,5513	38-1	0
38	0,075	INCRTER	-196,0562	38-1	0,075

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
38	0,15	INCRTER	-201,5611	38-1	0,15
38	0	LM71SISO	-24,8166	38-1	0
38	0,075	LM71SISO	-25,4807	38-1	0,075
38	0,15	LM71SISO	-26,1448	38-1	0,15
38	0	SW2SISO	-20,6912	38-1	0
38	0,075	SW2SISO	-21,245	38-1	0,075
38	0,15	SW2SISO	-21,7987	38-1	0,15
38	0	SISMAO	-103,9368	38-1	0
38	0,075	SISMAO	-106,0197	38-1	0,075
38	0,15	SISMAO	-108,0792	38-1	0,15
38	0	LM71SVA	1,5052	38-1	0
38	0,075	LM71SVA	1,5123	38-1	0,075
38	0,15	LM71SVA	1,5193	38-1	0,15
38	0	SW2SVA	1,2531	38-1	0
38	0,075	SW2SVA	1,2589	38-1	0,075
38	0,15	SW2SVA	1,2648	38-1	0,15
38	0	SISMAVA	4,2471	38-1	0
38	0,075	SISMAVA	4,1983	38-1	0,075
38	0,15	SISMAVA	4,1495	38-1	0,15
38	0	LM71SVB	-1,5052	38-1	0
38	0,075	LM71SVB	-1,5123	38-1	0,075
38	0,15	LM71SVB	-1,5193	38-1	0,15
38	0	SW2SVB	-1,2531	38-1	0
38	0,075	SW2SVB	-1,2589	38-1	0,075
38	0,15	SW2SVB	-1,2648	38-1	0,15
38	0	SISMAVB	-4,247	38-1	0
38	0,075	SISMAVB	-4,1982	38-1	0,075
38	0,15	SISMAVB	-4,1494	38-1	0,15
39	0	PP	5,4162	39-1	0
39	0,075	PP	5,0037	39-1	0,075
39	0,15	PP	4,5912	39-1	0,15
39	0	REINTSUP	9,9273	39-1	0
39	0,075	REINTSUP	9,9733	39-1	0,075
39	0,15	REINTSUP	10,0193	39-1	0,15
39	0	BALLAST	11,4546	39-1	0
39	0,075	BALLAST	11,5076	39-1	0,075
39	0,15	BALLAST	11,5607	39-1	0,15
39	0	STERRASX	-70,9088	39-1	0
39	0,075	STERRASX	-67,5675	39-1	0,075
39	0,15	STERRASX	-64,1487	39-1	0,15
39	0	STERRADX	123,6433	39-1	0
39	0,075	STERRADX	127,0996	39-1	0,075
39	0,15	STERRADX	130,5559	39-1	0,15
39	0	TERMP	3,144	39-1	0
39	0,075	TERMP	3,23	39-1	0,075
39	0,15	TERMP	3,3159	39-1	0,15
39	0	TERMN	-9,4321	39-1	0
39	0,075	TERMN	-9,6899	39-1	0,075
39	0,15	TERMN	-9,9477	39-1	0,15
39	0	GRADTP	-26,2117	39-1	0
39	0,075	GRADTP	-26,626	39-1	0,075
39	0,15	GRADTP	-27,0404	39-1	0,15
39	0	GRADTN	26,2117	39-1	0
39	0,075	GRADTN	26,626	39-1	0,075
39	0,15	GRADTN	27,0404	39-1	0,15
39	0	LM71C	48,9205	39-1	0
39	0,075	LM71C	49,1472	39-1	0,075
39	0,15	LM71C	49,3738	39-1	0,15
39	0	STLM71	-59,6947	39-1	0
39	0,075	STLM71	-57,4656	39-1	0,075
39	0,15	STLM71	-55,1185	39-1	0,15
39	0	AVVLM71	-69,1989	39-1	0
39	0,075	AVVLM71	-70,9567	39-1	0,075
39	0,15	AVVLM71	-72,7145	39-1	0,15
39	0	SW2	40,7592	39-1	0
39	0,075	SW2	40,948	39-1	0,075
39	0,15	SW2	41,1368	39-1	0,15
39	0	STSW2	-49,7361	39-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
39	0,075	STSW2	-47,8789	39-1	0,075
39	0,15	STSW2	-45,9234	39-1	0,15
39	0	FRENSW2	-73,4093	39-1	0
39	0,075	FRENSW2	-75,274	39-1	0,075
39	0,15	FRENSW2	-77,1387	39-1	0,15
39	0	INCRTER	-136,575	39-1	0
39	0,075	INCRTER	-131,4752	39-1	0,075
39	0,15	INCRTER	-126,1053	39-1	0,15
39	0	LM71SISO	-26,1448	39-1	0
39	0,075	LM71SISO	-26,809	39-1	0,075
39	0,15	LM71SISO	-27,4731	39-1	0,15
39	0	SW2SISO	-21,7987	39-1	0
39	0,075	SW2SISO	-22,3524	39-1	0,075
39	0,15	SW2SISO	-22,9061	39-1	0,15
39	0	SISMAO	-108,0792	39-1	0
39	0,075	SISMAO	-110,1153	39-1	0,075
39	0,15	SISMAO	-112,128	39-1	0,15
39	0	LM71SVA	-1,5193	39-1	0
39	0,075	LM71SVA	-1,5264	39-1	0,075
39	0,15	LM71SVA	-1,5334	39-1	0,15
39	0	SW2SVA	-1,2648	39-1	0
39	0,075	SW2SVA	-1,2706	39-1	0,075
39	0,15	SW2SVA	-1,2765	39-1	0,15
39	0	SISMAVA	-4,1498	39-1	0
39	0,075	SISMAVA	-4,101	39-1	0,075
39	0,15	SISMAVA	-4,0522	39-1	0,15
39	0	LM71SVB	1,5193	39-1	0
39	0,075	LM71SVB	1,5264	39-1	0,075
39	0,15	LM71SVB	1,5334	39-1	0,15
39	0	SW2SVB	1,2648	39-1	0
39	0,075	SW2SVB	1,2706	39-1	0,075
39	0,15	SW2SVB	1,2765	39-1	0,15
39	0	SISMAVB	4,15	39-1	0
39	0,075	SISMAVB	4,1012	39-1	0,075
39	0,15	SISMAVB	4,0524	39-1	0,15
40	0	PP	-5,4162	40-1	0
40	0,075	PP	-5,0037	40-1	0,075
40	0,15	PP	-4,5912	40-1	0,15
40	0	REINTSUP	-9,9273	40-1	0
40	0,075	REINTSUP	-9,9733	40-1	0,075
40	0,15	REINTSUP	-10,0193	40-1	0,15
40	0	BALLAST	-11,4546	40-1	0
40	0,075	BALLAST	-11,5076	40-1	0,075
40	0,15	BALLAST	-11,5607	40-1	0,15
40	0	STERRASX	-123,6433	40-1	0
40	0,075	STERRASX	-127,0996	40-1	0,075
40	0,15	STERRASX	-130,5559	40-1	0,15
40	0	STERRADX	70,9088	40-1	0
40	0,075	STERRADX	67,5675	40-1	0,075
40	0,15	STERRADX	64,1487	40-1	0,15
40	0	TERMP	-3,144	40-1	0
40	0,075	TERMP	-3,23	40-1	0,075
40	0,15	TERMP	-3,3159	40-1	0,15
40	0	TERMN	9,4321	40-1	0
40	0,075	TERMN	9,6899	40-1	0,075
40	0,15	TERMN	9,9477	40-1	0,15
40	0	GRADTP	26,2117	40-1	0
40	0,075	GRADTP	26,626	40-1	0,075
40	0,15	GRADTP	27,0404	40-1	0,15
40	0	GRADTN	-26,2117	40-1	0
40	0,075	GRADTN	-26,626	40-1	0,075
40	0,15	GRADTN	-27,0404	40-1	0,15
40	0	LM71C	-48,9205	40-1	0
40	0,075	LM71C	-49,1472	40-1	0,075
40	0,15	LM71C	-49,3738	40-1	0,15
40	0	STLM71	-88,099	40-1	0
40	0,075	STLM71	-90,5051	40-1	0,075
40	0,15	STLM71	-92,9112	40-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
40	0	AVVLM71	-69,1989	40-1	0
40	0,075	AVVLM71	-70,9567	40-1	0,075
40	0,15	AVVLM71	-72,7145	40-1	0,15
40	0	SW2	-40,7592	40-1	0
40	0,075	SW2	-40,948	40-1	0,075
40	0,15	SW2	-41,1368	40-1	0,15
40	0	STSW2	-73,4018	40-1	0
40	0,075	STSW2	-75,4065	40-1	0,075
40	0,15	STSW2	-77,4112	40-1	0,15
40	0	FRENSW2	-73,4093	40-1	0
40	0,075	FRENSW2	-75,274	40-1	0,075
40	0,15	FRENSW2	-77,1387	40-1	0,15
40	0	INCRTER	-201,5611	40-1	0
40	0,075	INCRTER	-207,0659	40-1	0,075
40	0,15	INCRTER	-212,5708	40-1	0,15
40	0	LM71SISO	-26,1448	40-1	0
40	0,075	LM71SISO	-26,809	40-1	0,075
40	0,15	LM71SISO	-27,4731	40-1	0,15
40	0	SW2SISO	-21,7987	40-1	0
40	0,075	SW2SISO	-22,3524	40-1	0,075
40	0,15	SW2SISO	-22,9061	40-1	0,15
40	0	SISMAO	-108,0792	40-1	0
40	0,075	SISMAO	-110,1153	40-1	0,075
40	0,15	SISMAO	-112,128	40-1	0,15
40	0	LM71SVA	1,5193	40-1	0
40	0,075	LM71SVA	1,5264	40-1	0,075
40	0,15	LM71SVA	1,5334	40-1	0,15
40	0	SW2SVA	1,2648	40-1	0
40	0,075	SW2SVA	1,2706	40-1	0,075
40	0,15	SW2SVA	1,2765	40-1	0,15
40	0	SISMAVA	4,1495	40-1	0
40	0,075	SISMAVA	4,1007	40-1	0,075
40	0,15	SISMAVA	4,0518	40-1	0,15
40	0	LM71SVB	-1,5193	40-1	0
40	0,075	LM71SVB	-1,5264	40-1	0,075
40	0,15	LM71SVB	-1,5334	40-1	0,15
40	0	SW2SVB	-1,2648	40-1	0
40	0,075	SW2SVB	-1,2706	40-1	0,075
40	0,15	SW2SVB	-1,2765	40-1	0,15
40	0	SISMAVB	-4,1494	40-1	0
40	0,075	SISMAVB	-4,1006	40-1	0,075
40	0,15	SISMAVB	-4,0518	40-1	0,15
41	0	PP	-4,5912	41-1	0
41	0,15	PP	0,4136	41-1	0,15
41	0	REINTSUP	-10,0193	41-1	0
41	0,15	REINTSUP	-5,8541	41-1	0,15
41	0	BALLAST	-11,5607	41-1	0
41	0,15	BALLAST	-6,7547	41-1	0,15
41	0	STERRASX	64,1487	41-1	0
41	0,15	STERRASX	57,7996	41-1	0,15
41	0	STERRADX	-130,5559	41-1	0
41	0,15	STERRADX	-124,2069	41-1	0,15
41	0	TERMP	-3,3159	41-1	0
41	0,15	TERMP	-3,3159	41-1	0,15
41	0	TERMN	9,9477	41-1	0
41	0,15	TERMN	9,9477	41-1	0,15
41	0	GRADTP	27,0404	41-1	0
41	0,15	GRADTP	27,0404	41-1	0,15
41	0	GRADTN	-27,0404	41-1	0
41	0,15	GRADTN	-27,0404	41-1	0,15
41	0	LM71C	-49,3738	41-1	0
41	0,15	LM71C	-28,8481	41-1	0,15
41	0	STLM71	55,1185	41-1	0
41	0,15	STLM71	50,2915	41-1	0,15
41	0	AVVLM71	72,7145	41-1	0
41	0,15	AVVLM71	67,9722	41-1	0,15
41	0	SW2	-41,1368	41-1	0
41	0,15	SW2	-24,0354	41-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
41	0	STSW2	45,9234	41-1	0
41	0,15	STSW2	41,9016	41-1	0,15
41	0	FRENSW2	77,1387	41-1	0
41	0,15	FRENSW2	72,1079	41-1	0,15
41	0	INCRTER	126,1053	41-1	0
41	0,15	INCRTER	115,0615	41-1	0,15
41	0	LM71SISO	27,4731	41-1	0
41	0,15	LM71SISO	25,6814	41-1	0,15
41	0	SW2SISO	22,9061	41-1	0
41	0,15	SW2SISO	21,4123	41-1	0,15
41	0	SISMAO	112,128	41-1	0
41	0,15	SISMAO	104,8153	41-1	0,15
41	0	LM71SVA	1,5334	41-1	0
41	0,15	LM71SVA	0,8959	41-1	0,15
41	0	SW2SVA	1,2765	41-1	0
41	0,15	SW2SVA	0,7458	41-1	0,15
41	0	SISMAVA	4,0522	41-1	0
41	0,15	SISMAVA	1,8863	41-1	0,15
41	0	LM71SVB	-1,5334	41-1	0
41	0,15	LM71SVB	-0,8959	41-1	0,15
41	0	SW2SVB	-1,2765	41-1	0
41	0,15	SW2SVB	-0,7458	41-1	0,15
41	0	SISMAVB	-4,0524	41-1	0
41	0,15	SISMAVB	-1,8864	41-1	0,15
42	0	PP	0,4136	42-1	0
42	0,15	PP	5,0809	42-1	0,15
42	0	REINTSUP	-5,8541	42-1	0
42	0,15	REINTSUP	-1,9697	42-1	0,15
42	0	BALLAST	-6,7547	42-1	0
42	0,15	BALLAST	-2,2727	42-1	0,15
42	0	STERRASX	57,7996	42-1	0
42	0,15	STERRASX	51,4506	42-1	0,15
42	0	STERRADX	-124,2069	42-1	0
42	0,15	STERRADX	-117,8578	42-1	0,15
42	0	TERMP	-3,3159	42-1	0
42	0,15	TERMP	-3,3159	42-1	0,15
42	0	TERMN	9,9477	42-1	0
42	0,15	TERMN	9,9477	42-1	0,15
42	0	GRADTP	27,0404	42-1	0
42	0,15	GRADTP	27,0404	42-1	0,15
42	0	GRADTN	-27,0404	42-1	0
42	0,15	GRADTN	-27,0404	42-1	0,15
42	0	LM71C	-28,8481	42-1	0
42	0,15	LM71C	-9,7063	42-1	0,15
42	0	STLM71	50,2915	42-1	0
42	0,15	STLM71	45,4644	42-1	0,15
42	0	AVVLM71	67,9722	42-1	0
42	0,15	AVVLM71	63,23	42-1	0,15
42	0	SW2	-24,0354	42-1	0
42	0,15	SW2	-8,087	42-1	0,15
42	0	STSW2	41,9016	42-1	0
42	0,15	STSW2	37,8798	42-1	0,15
42	0	FRENSW2	72,1079	42-1	0
42	0,15	FRENSW2	67,0771	42-1	0,15
42	0	INCRTER	115,0615	42-1	0
42	0,15	INCRTER	104,0177	42-1	0,15
42	0	LM71SISO	25,6814	42-1	0
42	0,15	LM71SISO	23,8896	42-1	0,15
42	0	SW2SISO	21,4123	42-1	0
42	0,15	SW2SISO	19,9184	42-1	0,15
42	0	SISMAO	104,8153	42-1	0
42	0,15	SISMAO	97,5026	42-1	0,15
42	0	LM71SVA	0,8959	42-1	0
42	0,15	LM71SVA	0,3014	42-1	0,15
42	0	SW2SVA	0,7458	42-1	0
42	0,15	SW2SVA	0,2509	42-1	0,15
42	0	SISMAVA	1,8863	42-1	0
42	0,15	SISMAVA	-0,1337	42-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
42	0	LM71SVB	-0,8959	42-1	0
42	0,15	LM71SVB	-0,3014	42-1	0,15
42	0	SW2SVB	-0,7458	42-1	0
42	0,15	SW2SVB	-0,2509	42-1	0,15
42	0	SISMAVB	-1,8864	42-1	0
42	0,15	SISMAVB	0,1335	42-1	0,15
43	0	PP	5,0809	43-1	0
43	0,44444	PP	16,9293	43-1	0,44444
43	0,88889	PP	25,8155	43-1	0,88889
43	1,33333	PP	31,7397	43-1	1,33333
43	0	REINTSUP	-1,9697	43-1	0
43	0,44444	REINTSUP	7,8911	43-1	0,44444
43	0,88889	REINTSUP	15,2866	43-1	0,88889
43	1,33333	REINTSUP	20,217	43-1	1,33333
43	0	BALLAST	-2,2727	43-1	0
43	0,44444	BALLAST	9,1051	43-1	0,44444
43	0,88889	BALLAST	17,6384	43-1	0,88889
43	1,33333	BALLAST	23,3273	43-1	1,33333
43	0	STERRASX	51,4506	43-1	0
43	0,44444	STERRASX	32,6385	43-1	0,44444
43	0,88889	STERRASX	13,8265	43-1	0,88889
43	1,33333	STERRASX	-4,9855	43-1	1,33333
43	0	STERRADX	-117,8578	43-1	0
43	0,44444	STERRADX	-99,0457	43-1	0,44444
43	0,88889	STERRADX	-80,2337	43-1	0,88889
43	1,33333	STERRADX	-61,4217	43-1	1,33333
43	0	TERMP	-3,3159	43-1	0
43	0,44444	TERMP	-3,3159	43-1	0,44444
43	0,88889	TERMP	-3,3159	43-1	0,88889
43	1,33333	TERMP	-3,3159	43-1	1,33333
43	0	TERMN	9,9477	43-1	0
43	0,44444	TERMN	9,9477	43-1	0,44444
43	0,88889	TERMN	9,9477	43-1	0,88889
43	1,33333	TERMN	9,9477	43-1	1,33333
43	0	GRADTP	27,0404	43-1	0
43	0,44444	GRADTP	27,0404	43-1	0,44444
43	0,88889	GRADTP	27,0404	43-1	0,88889
43	1,33333	GRADTP	27,0404	43-1	1,33333
43	0	GRADTN	-27,0404	43-1	0
43	0,44444	GRADTN	-27,0404	43-1	0,44444
43	0,88889	GRADTN	-27,0404	43-1	0,88889
43	1,33333	GRADTN	-27,0404	43-1	1,33333
43	0	LM71C	-9,7063	43-1	0
43	0,44444	LM71C	38,8863	43-1	0,44444
43	0,88889	LM71C	75,3308	43-1	0,88889
43	1,33333	LM71C	99,6271	43-1	1,33333
43	0	STLM71	45,4644	43-1	0
43	0,44444	STLM71	31,162	43-1	0,44444
43	0,88889	STLM71	16,8596	43-1	0,88889
43	1,33333	STLM71	2,5573	43-1	1,33333
43	0	AVVLM71	63,23	43-1	0
43	0,44444	AVVLM71	49,1789	43-1	0,44444
43	0,88889	AVVLM71	35,1278	43-1	0,88889
43	1,33333	AVVLM71	21,0767	43-1	1,33333
43	0	SW2	-8,087	43-1	0
43	0,44444	SW2	32,399	43-1	0,44444
43	0,88889	SW2	62,7634	43-1	0,88889
43	1,33333	SW2	83,0064	43-1	1,33333
43	0	STSW2	37,8798	43-1	0
43	0,44444	STSW2	25,9634	43-1	0,44444
43	0,88889	STSW2	14,047	43-1	0,88889
43	1,33333	STSW2	2,1306	43-1	1,33333
43	0	FRENSW2	67,0771	43-1	0
43	0,44444	FRENSW2	52,1711	43-1	0,44444
43	0,88889	FRENSW2	37,2651	43-1	0,88889
43	1,33333	FRENSW2	22,359	43-1	1,33333
43	0	INCRTER	104,0177	43-1	0
43	0,44444	INCRTER	71,2954	43-1	0,44444

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
43	0,88889	INCRTER	38,5731	43-1	0,88889
43	1,33333	INCRTER	5,8507	43-1	1,33333
43	0	LM71SISO	23,8896	43-1	0
43	0,44444	LM71SISO	18,5808	43-1	0,44444
43	0,88889	LM71SISO	13,272	43-1	0,88889
43	1,33333	LM71SISO	7,9632	43-1	1,33333
43	0	SW2SISO	19,9184	43-1	0
43	0,44444	SW2SISO	15,4921	43-1	0,44444
43	0,88889	SW2SISO	11,0658	43-1	0,88889
43	1,33333	SW2SISO	6,6395	43-1	1,33333
43	0	SISMAO	97,5026	43-1	0
43	0,44444	SISMAO	75,8353	43-1	0,44444
43	0,88889	SISMAO	54,1681	43-1	0,88889
43	1,33333	SISMAO	32,5009	43-1	1,33333
43	0	LM71SVA	0,3014	43-1	0
43	0,44444	LM71SVA	-1,2077	43-1	0,44444
43	0,88889	LM71SVA	-2,3395	43-1	0,88889
43	1,33333	LM71SVA	-3,0941	43-1	1,33333
43	0	SW2SVA	0,2509	43-1	0
43	0,44444	SW2SVA	-1,0054	43-1	0,44444
43	0,88889	SW2SVA	-1,9476	43-1	0,88889
43	1,33333	SW2SVA	-2,5757	43-1	1,33333
43	0	SISMAVA	-0,1337	43-1	0
43	0,44444	SISMAVA	-5,2614	43-1	0,44444
43	0,88889	SISMAVA	-9,1071	43-1	0,88889
43	1,33333	SISMAVA	-11,6709	43-1	1,33333
43	0	LM71SVB	-0,3014	43-1	0
43	0,44444	LM71SVB	1,2077	43-1	0,44444
43	0,88889	LM71SVB	2,3395	43-1	0,88889
43	1,33333	LM71SVB	3,0941	43-1	1,33333
43	0	SW2SVB	-0,2509	43-1	0
43	0,44444	SW2SVB	1,0054	43-1	0,44444
43	0,88889	SW2SVB	1,9476	43-1	0,88889
43	1,33333	SW2SVB	2,5757	43-1	1,33333
43	0	SISMAVB	0,1335	43-1	0
43	0,44444	SISMAVB	5,2612	43-1	0,44444
43	0,88889	SISMAVB	9,1069	43-1	0,88889
43	1,33333	SISMAVB	11,6706	43-1	1,33333
44	0	PP	31,7397	44-1	0
44	0,44444	PP	34,7018	44-1	0,44444
44	0,88889	PP	34,7018	44-1	0,88889
44	1,33333	PP	31,7397	44-1	1,33333
44	0	REINTSUP	20,217	44-1	0
44	0,44444	REINTSUP	22,6822	44-1	0,44444
44	0,88889	REINTSUP	22,6822	44-1	0,88889
44	1,33333	REINTSUP	20,217	44-1	1,33333
44	0	BALLAST	23,3273	44-1	0
44	0,44444	BALLAST	26,1718	44-1	0,44444
44	0,88889	BALLAST	26,1718	44-1	0,88889
44	1,33333	BALLAST	23,3273	44-1	1,33333
44	0	STERRASX	-4,9855	44-1	0
44	0,44444	STERRASX	-23,7976	44-1	0,44444
44	0,88889	STERRASX	-42,6096	44-1	0,88889
44	1,33333	STERRASX	-61,4217	44-1	1,33333
44	0	STERRADX	-61,4217	44-1	0
44	0,44444	STERRADX	-42,6096	44-1	0,44444
44	0,88889	STERRADX	-23,7976	44-1	0,88889
44	1,33333	STERRADX	-4,9855	44-1	1,33333
44	0	TERMP	-3,3159	44-1	0
44	0,44444	TERMP	-3,3159	44-1	0,44444
44	0,88889	TERMP	-3,3159	44-1	0,88889
44	1,33333	TERMP	-3,3159	44-1	1,33333
44	0	TERMN	9,9477	44-1	0
44	0,44444	TERMN	9,9477	44-1	0,44444
44	0,88889	TERMN	9,9477	44-1	0,88889
44	1,33333	TERMN	9,9477	44-1	1,33333
44	0	GRADTP	27,0404	44-1	0
44	0,44444	GRADTP	27,0404	44-1	0,44444

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
44	0,88889	GRADTP	27,0404	44-1	0,88889
44	1,33333	GRADTP	27,0404	44-1	1,33333
44	0	GRADTN	-27,0404	44-1	0
44	0,44444	GRADTN	-27,0404	44-1	0,44444
44	0,88889	GRADTN	-27,0404	44-1	0,88889
44	1,33333	GRADTN	-27,0404	44-1	1,33333
44	0	LM71C	99,6271	44-1	0
44	0,44444	LM71C	111,7752	44-1	0,44444
44	0,88889	LM71C	111,7752	44-1	0,88889
44	1,33333	LM71C	99,6271	44-1	1,33333
44	0	STLM71	2,5573	44-1	0
44	0,44444	STLM71	-11,7451	44-1	0,44444
44	0,88889	STLM71	-26,0475	44-1	0,88889
44	1,33333	STLM71	-40,3499	44-1	1,33333
44	0	AVVLM71	21,0767	44-1	0
44	0,44444	AVVLM71	7,0256	44-1	0,44444
44	0,88889	AVVLM71	-7,0256	44-1	0,88889
44	1,33333	AVVLM71	-21,0767	44-1	1,33333
44	0	SW2	83,0064	44-1	0
44	0,44444	SW2	93,1278	44-1	0,44444
44	0,88889	SW2	93,1278	44-1	0,88889
44	1,33333	SW2	83,0064	44-1	1,33333
44	0	STSW2	2,1306	44-1	0
44	0,44444	STSW2	-9,7857	44-1	0,44444
44	0,88889	STSW2	-21,7021	44-1	0,88889
44	1,33333	STSW2	-33,6185	44-1	1,33333
44	0	FRENSW2	22,359	44-1	0
44	0,44444	FRENSW2	7,453	44-1	0,44444
44	0,88889	FRENSW2	-7,453	44-1	0,88889
44	1,33333	FRENSW2	-22,359	44-1	1,33333
44	0	INCRTER	5,8507	44-1	0
44	0,44444	INCRTER	-26,8716	44-1	0,44444
44	0,88889	INCRTER	-59,5939	44-1	0,88889
44	1,33333	INCRTER	-92,3162	44-1	1,33333
44	0	LM71SISO	7,9632	44-1	0
44	0,44444	LM71SISO	2,6544	44-1	0,44444
44	0,88889	LM71SISO	-2,6544	44-1	0,88889
44	1,33333	LM71SISO	-7,9632	44-1	1,33333
44	0	SW2SISO	6,6395	44-1	0
44	0,44444	SW2SISO	2,2132	44-1	0,44444
44	0,88889	SW2SISO	-2,2132	44-1	0,88889
44	1,33333	SW2SISO	-6,6395	44-1	1,33333
44	0	SISMAO	32,5009	44-1	0
44	0,44444	SISMAO	10,8336	44-1	0,44444
44	0,88889	SISMAO	-10,8336	44-1	0,88889
44	1,33333	SISMAO	-32,5009	44-1	1,33333
44	0	LM71SVA	-3,0941	44-1	0
44	0,44444	LM71SVA	-3,4714	44-1	0,44444
44	0,88889	LM71SVA	-3,4714	44-1	0,88889
44	1,33333	LM71SVA	-3,0941	44-1	1,33333
44	0	SW2SVA	-2,5757	44-1	0
44	0,44444	SW2SVA	-2,8898	44-1	0,44444
44	0,88889	SW2SVA	-2,8898	44-1	0,88889
44	1,33333	SW2SVA	-2,5757	44-1	1,33333
44	0	SISMAVA	-11,6709	44-1	0
44	0,44444	SISMAVA	-12,9527	44-1	0,44444
44	0,88889	SISMAVA	-12,9525	44-1	0,88889
44	1,33333	SISMAVA	-11,6703	44-1	1,33333
44	0	LM71SVB	3,0941	44-1	0
44	0,44444	LM71SVB	3,4714	44-1	0,44444
44	0,88889	LM71SVB	3,4714	44-1	0,88889
44	1,33333	LM71SVB	3,0941	44-1	1,33333
44	0	SW2SVB	2,5757	44-1	0
44	0,44444	SW2SVB	2,8898	44-1	0,44444
44	0,88889	SW2SVB	2,8898	44-1	0,88889
44	1,33333	SW2SVB	2,5757	44-1	1,33333
44	0	SISMAVB	11,6706	44-1	0
44	0,44444	SISMAVB	12,9524	44-1	0,44444

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
44	0,88889	SISMAVB	12,9521	44-1	0,88889
44	1,33333	SISMAVB	11,6699	44-1	1,33333
45	0	PP	31,7397	45-1	0
45	0,44444	PP	25,8155	45-1	0,44444
45	0,88889	PP	16,9293	45-1	0,88889
45	1,33333	PP	5,0809	45-1	1,33333
45	0	REINTSUP	20,217	45-1	0
45	0,44444	REINTSUP	15,2866	45-1	0,44444
45	0,88889	REINTSUP	7,8911	45-1	0,88889
45	1,33333	REINTSUP	-1,9697	45-1	1,33333
45	0	BALLAST	23,3273	45-1	0
45	0,44444	BALLAST	17,6384	45-1	0,44444
45	0,88889	BALLAST	9,1051	45-1	0,88889
45	1,33333	BALLAST	-2,2727	45-1	1,33333
45	0	STERRASX	-61,4217	45-1	0
45	0,44444	STERRASX	-80,2337	45-1	0,44444
45	0,88889	STERRASX	-99,0457	45-1	0,88889
45	1,33333	STERRASX	-117,8578	45-1	1,33333
45	0	STERRADX	-4,9855	45-1	0
45	0,44444	STERRADX	13,8265	45-1	0,44444
45	0,88889	STERRADX	32,6385	45-1	0,88889
45	1,33333	STERRADX	51,4506	45-1	1,33333
45	0	TERMP	-3,3159	45-1	0
45	0,44444	TERMP	-3,3159	45-1	0,44444
45	0,88889	TERMP	-3,3159	45-1	0,88889
45	1,33333	TERMP	-3,3159	45-1	1,33333
45	0	TERMN	9,9477	45-1	0
45	0,44444	TERMN	9,9477	45-1	0,44444
45	0,88889	TERMN	9,9477	45-1	0,88889
45	1,33333	TERMN	9,9477	45-1	1,33333
45	0	GRADTP	27,0404	45-1	0
45	0,44444	GRADTP	27,0404	45-1	0,44444
45	0,88889	GRADTP	27,0404	45-1	0,88889
45	1,33333	GRADTP	27,0404	45-1	1,33333
45	0	GRADTN	-27,0404	45-1	0
45	0,44444	GRADTN	-27,0404	45-1	0,44444
45	0,88889	GRADTN	-27,0404	45-1	0,88889
45	1,33333	GRADTN	-27,0404	45-1	1,33333
45	0	LM71C	99,6271	45-1	0
45	0,44444	LM71C	75,3308	45-1	0,44444
45	0,88889	LM71C	38,8863	45-1	0,88889
45	1,33333	LM71C	-9,7063	45-1	1,33333
45	0	STLM71	-40,3499	45-1	0
45	0,44444	STLM71	-54,6523	45-1	0,44444
45	0,88889	STLM71	-68,9547	45-1	0,88889
45	1,33333	STLM71	-83,257	45-1	1,33333
45	0	AVVLM71	-21,0767	45-1	0
45	0,44444	AVVLM71	-35,1278	45-1	0,44444
45	0,88889	AVVLM71	-49,1789	45-1	0,88889
45	1,33333	AVVLM71	-63,23	45-1	1,33333
45	0	SW2	83,0064	45-1	0
45	0,44444	SW2	62,7634	45-1	0,44444
45	0,88889	SW2	32,399	45-1	0,88889
45	1,33333	SW2	-8,087	45-1	1,33333
45	0	STSW2	-33,6185	45-1	0
45	0,44444	STSW2	-45,5349	45-1	0,44444
45	0,88889	STSW2	-57,4513	45-1	0,88889
45	1,33333	STSW2	-69,3676	45-1	1,33333
45	0	FRENSW2	-22,359	45-1	0
45	0,44444	FRENSW2	-37,2651	45-1	0,44444
45	0,88889	FRENSW2	-52,1711	45-1	0,88889
45	1,33333	FRENSW2	-67,0771	45-1	1,33333
45	0	INCRTER	-92,3162	45-1	0
45	0,44444	INCRTER	-125,0386	45-1	0,44444
45	0,88889	INCRTER	-157,7609	45-1	0,88889
45	1,33333	INCRTER	-190,4832	45-1	1,33333
45	0	LM71SISO	-7,9632	45-1	0
45	0,44444	LM71SISO	-13,272	45-1	0,44444

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
45	0,88889	LM71SISO	-18,5808	45-1	0,88889
45	1,33333	LM71SISO	-23,8896	45-1	1,33333
45	0	SW2SISO	-6,6395	45-1	0
45	0,44444	SW2SISO	-11,0658	45-1	0,44444
45	0,88889	SW2SISO	-15,4921	45-1	0,88889
45	1,33333	SW2SISO	-19,9184	45-1	1,33333
45	0	SISMAO	-32,5009	45-1	0
45	0,44444	SISMAO	-54,1681	45-1	0,44444
45	0,88889	SISMAO	-75,8353	45-1	0,88889
45	1,33333	SISMAO	-97,5026	45-1	1,33333
45	0	LM71SVA	-3,0941	45-1	0
45	0,44444	LM71SVA	-2,3395	45-1	0,44444
45	0,88889	LM71SVA	-1,2077	45-1	0,88889
45	1,33333	LM71SVA	0,3014	45-1	1,33333
45	0	SW2SVA	-2,5757	45-1	0
45	0,44444	SW2SVA	-1,9476	45-1	0,44444
45	0,88889	SW2SVA	-1,0054	45-1	0,88889
45	1,33333	SW2SVA	0,2509	45-1	1,33333
45	0	SISMAVA	-11,6703	45-1	0
45	0,44444	SISMAVA	-9,1062	45-1	0,44444
45	0,88889	SISMAVA	-5,2601	45-1	0,88889
45	1,33333	SISMAVA	-0,132	45-1	1,33333
45	0	LM71SVB	3,0941	45-1	0
45	0,44444	LM71SVB	2,3395	45-1	0,44444
45	0,88889	LM71SVB	1,2077	45-1	0,88889
45	1,33333	LM71SVB	-0,3014	45-1	1,33333
45	0	SW2SVB	2,5757	45-1	0
45	0,44444	SW2SVB	1,9476	45-1	0,44444
45	0,88889	SW2SVB	1,0054	45-1	0,88889
45	1,33333	SW2SVB	-0,2509	45-1	1,33333
45	0	SISMAVB	11,6699	45-1	0
45	0,44444	SISMAVB	9,1058	45-1	0,44444
45	0,88889	SISMAVB	5,2596	45-1	0,88889
45	1,33333	SISMAVB	0,1315	45-1	1,33333
46	0	PP	5,0809	46-1	0
46	0,15	PP	0,4136	46-1	0,15
46	0	REINTSUP	-1,9697	46-1	0
46	0,15	REINTSUP	-5,8541	46-1	0,15
46	0	BALLAST	-2,2727	46-1	0
46	0,15	BALLAST	-6,7547	46-1	0,15
46	0	STERRASX	-117,8578	46-1	0
46	0,15	STERRASX	-124,2069	46-1	0,15
46	0	STERRADX	51,4506	46-1	0
46	0,15	STERRADX	57,7996	46-1	0,15
46	0	TERMP	-3,3159	46-1	0
46	0,15	TERMP	-3,3159	46-1	0,15
46	0	TERMN	9,9477	46-1	0
46	0,15	TERMN	9,9477	46-1	0,15
46	0	GRADTP	27,0404	46-1	0
46	0,15	GRADTP	27,0404	46-1	0,15
46	0	GRADTN	-27,0404	46-1	0
46	0,15	GRADTN	-27,0404	46-1	0,15
46	0	LM71C	-9,7063	46-1	0
46	0,15	LM71C	-28,8481	46-1	0,15
46	0	STLM71	-83,257	46-1	0
46	0,15	STLM71	-88,0841	46-1	0,15
46	0	AVVLM71	-63,23	46-1	0
46	0,15	AVVLM71	-67,9722	46-1	0,15
46	0	SW2	-8,087	46-1	0
46	0,15	SW2	-24,0354	46-1	0,15
46	0	STSW2	-69,3676	46-1	0
46	0,15	STSW2	-73,3894	46-1	0,15
46	0	FRENSW2	-67,0771	46-1	0
46	0,15	FRENSW2	-72,1079	46-1	0,15
46	0	INCRTER	-190,4832	46-1	0
46	0,15	INCRTER	-201,527	46-1	0,15
46	0	LM71SISO	-23,8896	46-1	0
46	0,15	LM71SISO	-25,6814	46-1	0,15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
46	0	SW2SISO	-19,9184	46-1	0
46	0,15	SW2SISO	-21,4123	46-1	0,15
46	0	SISMAO	-97,5026	46-1	0
46	0,15	SISMAO	-104,8153	46-1	0,15
46	0	LM71SVA	0,3014	46-1	0
46	0,15	LM71SVA	0,8959	46-1	0,15
46	0	SW2SVA	0,2509	46-1	0
46	0,15	SW2SVA	0,7458	46-1	0,15
46	0	SISMAVA	-0,132	46-1	0
46	0,15	SISMAVA	1,8873	46-1	0,15
46	0	LM71SVB	-0,3014	46-1	0
46	0,15	LM71SVB	-0,8959	46-1	0,15
46	0	SW2SVB	-0,2509	46-1	0
46	0,15	SW2SVB	-0,7458	46-1	0,15
46	0	SISMAVB	0,1315	46-1	0
46	0,15	SISMAVB	-1,8878	46-1	0,15
47	0	PP	0,4136	47-1	0
47	0,15	PP	-4,5912	47-1	0,15
47	0	REINTSUP	-5,8541	47-1	0
47	0,15	REINTSUP	-10,0193	47-1	0,15
47	0	BALLAST	-6,7547	47-1	0
47	0,15	BALLAST	-11,5607	47-1	0,15
47	0	STERRASX	-124,2069	47-1	0
47	0,15	STERRASX	-130,5559	47-1	0,15
47	0	STERRADX	57,7996	47-1	0
47	0,15	STERRADX	64,1487	47-1	0,15
47	0	TERMP	-3,3159	47-1	0
47	0,15	TERMP	-3,3159	47-1	0,15
47	0	TERMN	9,9477	47-1	0
47	0,15	TERMN	9,9477	47-1	0,15
47	0	GRADTP	27,0404	47-1	0
47	0,15	GRADTP	27,0404	47-1	0,15
47	0	GRADTN	-27,0404	47-1	0
47	0,15	GRADTN	-27,0404	47-1	0,15
47	0	LM71C	-28,8481	47-1	0
47	0,15	LM71C	-49,3738	47-1	0,15
47	0	STLM71	-88,0841	47-1	0
47	0,15	STLM71	-92,9112	47-1	0,15
47	0	AVVLM71	-67,9722	47-1	0
47	0,15	AVVLM71	-72,7145	47-1	0,15
47	0	SW2	-24,0354	47-1	0
47	0,15	SW2	-41,1368	47-1	0,15
47	0	STSW2	-73,3894	47-1	0
47	0,15	STSW2	-77,4112	47-1	0,15
47	0	FRENSW2	-72,1079	47-1	0
47	0,15	FRENSW2	-77,1387	47-1	0,15
47	0	INCRTER	-201,527	47-1	0
47	0,15	INCRTER	-212,5708	47-1	0,15
47	0	LM71SISO	-25,6814	47-1	0
47	0,15	LM71SISO	-27,4731	47-1	0,15
47	0	SW2SISO	-21,4123	47-1	0
47	0,15	SW2SISO	-22,9061	47-1	0,15
47	0	SISMAO	-104,8153	47-1	0
47	0,15	SISMAO	-112,128	47-1	0,15
47	0	LM71SVA	0,8959	47-1	0
47	0,15	LM71SVA	1,5334	47-1	0,15
47	0	SW2SVA	0,7458	47-1	0
47	0,15	SW2SVA	1,2765	47-1	0,15
47	0	SISMAVA	1,8873	47-1	0
47	0,15	SISMAVA	4,0518	47-1	0,15
47	0	LM71SVB	-0,8959	47-1	0
47	0,15	LM71SVB	-1,5334	47-1	0,15
47	0	SW2SVB	-0,7458	47-1	0
47	0,15	SW2SVB	-1,2765	47-1	0,15
47	0	SISMAVB	-1,8878	47-1	0
47	0,15	SISMAVB	-4,0518	47-1	0,15

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
25	INCRTER	GLOBAL	Force	X	RelDist	0
25	SISMAO	GLOBAL	Force	X	RelDist	0
25	SISMAVA	GLOBAL	Force	Z	RelDist	0
25	SISMAVB	GLOBAL	Force	Z	RelDist	0
25	STERRASX	GLOBAL	Force	X	RelDist	0
25	STLM71	GLOBAL	Force	X	RelDist	0
25	STSW2	GLOBAL	Force	X	RelDist	0
26	SISMAO	GLOBAL	Force	X	RelDist	0
26	SISMAVA	GLOBAL	Force	Z	RelDist	0
26	SISMAVB	GLOBAL	Force	Z	RelDist	0
26	STERRADX	GLOBAL	Force	X	RelDist	0
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	STLM71	GLOBAL	Force	X	RelDist	0
27	STSW2	GLOBAL	Force	X	RelDist	0
28	SISMAO	GLOBAL	Force	X	RelDist	0
28	SISMAVA	GLOBAL	Force	Z	RelDist	0
28	SISMAVB	GLOBAL	Force	Z	RelDist	0
28	STERRADX	GLOBAL	Force	X	RelDist	0
29	INCRTER	GLOBAL	Force	X	RelDist	0
29	INCRTER	GLOBAL	Force	X	RelDist	0,5
29	SISMAO	GLOBAL	Force	X	RelDist	0
29	SISMAO	GLOBAL	Force	X	RelDist	0,5
29	SISMAVA	GLOBAL	Force	Z	RelDist	0
29	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
29	SISMAVB	GLOBAL	Force	Z	RelDist	0
29	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
29	STERRASX	GLOBAL	Force	X	RelDist	0
29	STLM71	GLOBAL	Force	X	RelDist	0
29	STLM71	GLOBAL	Force	X	RelDist	0,5
29	STSW2	GLOBAL	Force	X	RelDist	0
29	STSW2	GLOBAL	Force	X	RelDist	0,5
30	SISMAO	GLOBAL	Force	X	RelDist	0
30	SISMAO	GLOBAL	Force	X	RelDist	0,5
30	SISMAVA	GLOBAL	Force	Z	RelDist	0
30	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
30	SISMAVB	GLOBAL	Force	Z	RelDist	0
30	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
30	STERRADX	GLOBAL	Force	X	RelDist	0
31	INCRTER	GLOBAL	Force	X	RelDist	0
31	INCRTER	GLOBAL	Force	X	RelDist	0,5
31	SISMAO	GLOBAL	Force	X	RelDist	0
31	SISMAO	GLOBAL	Force	X	RelDist	0,5
31	SISMAVA	GLOBAL	Force	Z	RelDist	0
31	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
31	SISMAVB	GLOBAL	Force	Z	RelDist	0
31	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
31	STERRASX	GLOBAL	Force	X	RelDist	0
31	STLM71	GLOBAL	Force	X	RelDist	0
31	STLM71	GLOBAL	Force	X	RelDist	0,5
31	STSW2	GLOBAL	Force	X	RelDist	0
31	STSW2	GLOBAL	Force	X	RelDist	0,5
32	SISMAO	GLOBAL	Force	X	RelDist	0
32	SISMAO	GLOBAL	Force	X	RelDist	0,5
32	SISMAVA	GLOBAL	Force	Z	RelDist	0
32	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
32	SISMAVB	GLOBAL	Force	Z	RelDist	0
32	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
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

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
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	STLM71	GLOBAL	Force	X	RelDist	0
33	STLM71	GLOBAL	Force	X	RelDist	0,5
33	STSW2	GLOBAL	Force	X	RelDist	0
33	STSW2	GLOBAL	Force	X	RelDist	0,5
34	SISMAO	GLOBAL	Force	X	RelDist	0
34	SISMAO	GLOBAL	Force	X	RelDist	0,5
34	SISMAVA	GLOBAL	Force	Z	RelDist	0
34	SISMAVA	GLOBAL	Force	Z	RelDist	0,5
34	SISMAVB	GLOBAL	Force	Z	RelDist	0
34	SISMAVB	GLOBAL	Force	Z	RelDist	0,5
34	STERRADX	GLOBAL	Force	X	RelDist	0
35	INCRTER	GLOBAL	Force	X	RelDist	0
35	INCRTER	GLOBAL	Force	X	RelDist	0,5
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	STERRASX	GLOBAL	Force	X	RelDist	0
35	STLM71	GLOBAL	Force	X	RelDist	0
35	STLM71	GLOBAL	Force	X	RelDist	0,5
35	STSW2	GLOBAL	Force	X	RelDist	0
35	STSW2	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	STERRADX	GLOBAL	Force	X	RelDist	0
37	INCRTER	GLOBAL	Force	X	RelDist	0
37	SISMAO	GLOBAL	Force	X	RelDist	0
37	SISMAVA	GLOBAL	Force	Z	RelDist	0
37	SISMAVB	GLOBAL	Force	Z	RelDist	0
37	STERRASX	GLOBAL	Force	X	RelDist	0
37	STLM71	GLOBAL	Force	X	RelDist	0
37	STSW2	GLOBAL	Force	X	RelDist	0
38	SISMAO	GLOBAL	Force	X	RelDist	0
38	SISMAVA	GLOBAL	Force	Z	RelDist	0
38	SISMAVB	GLOBAL	Force	Z	RelDist	0
38	STERRADX	GLOBAL	Force	X	RelDist	0
39	INCRTER	GLOBAL	Force	X	RelDist	0
39	SISMAO	GLOBAL	Force	X	RelDist	0
39	SISMAVA	GLOBAL	Force	Z	RelDist	0
39	SISMAVB	GLOBAL	Force	Z	RelDist	0
39	STERRASX	GLOBAL	Force	X	RelDist	0
39	STLM71	GLOBAL	Force	X	RelDist	0
39	STSW2	GLOBAL	Force	X	RelDist	0
40	SISMAO	GLOBAL	Force	X	RelDist	0
40	SISMAVA	GLOBAL	Force	Z	RelDist	0
40	SISMAVB	GLOBAL	Force	Z	RelDist	0
40	STERRADX	GLOBAL	Force	X	RelDist	0
41	AVVLM71	GLOBAL	Force	X	RelDist	0
41	BALLAST	GLOBAL	Force	Gravity	RelDist	0
41	FRENSW2	GLOBAL	Force	X	RelDist	0
41	LM71C	GLOBAL	Force	Gravity	RelDist	0
41	LM71SISO	GLOBAL	Force	X	RelDist	0
41	LM71SVA	GLOBAL	Force	Z	RelDist	0
41	LM71SVB	GLOBAL	Force	Z	RelDist	0
41	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0
41	SISMAVA	GLOBAL	Force	Z	RelDist	0
41	SISMAVB	GLOBAL	Force	Z	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
41	SW2	GLOBAL	Force	Gravity	RelDist	0
41	SW2SISO	GLOBAL	Force	X	RelDist	0
41	SW2SVA	GLOBAL	Force	Z	RelDist	0
41	SW2SVB	GLOBAL	Force	Z	RelDist	0
42	AVVLM71	GLOBAL	Force	X	RelDist	0
42	BALLAST	GLOBAL	Force	Gravity	RelDist	0
42	FRENSW2	GLOBAL	Force	X	RelDist	0
42	LM71C	GLOBAL	Force	Gravity	RelDist	0
42	LM71SISO	GLOBAL	Force	X	RelDist	0
42	LM71SVA	GLOBAL	Force	Z	RelDist	0
42	LM71SVB	GLOBAL	Force	Z	RelDist	0
42	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
42	SISMAO	GLOBAL	Force	X	RelDist	0
42	SISMAVA	GLOBAL	Force	Z	RelDist	0
42	SISMAVB	GLOBAL	Force	Z	RelDist	0
42	SW2	GLOBAL	Force	Gravity	RelDist	0
42	SW2SISO	GLOBAL	Force	X	RelDist	0
42	SW2SVA	GLOBAL	Force	Z	RelDist	0
42	SW2SVB	GLOBAL	Force	Z	RelDist	0
43	AVVLM71	GLOBAL	Force	X	RelDist	0
43	BALLAST	GLOBAL	Force	Gravity	RelDist	0
43	BALLAST	GLOBAL	Force	Gravity	RelDist	0,6
43	FRENSW2	GLOBAL	Force	X	RelDist	0
43	FRENSW2	GLOBAL	Force	X	RelDist	0,6
43	LM71C	GLOBAL	Force	Gravity	RelDist	0
43	LM71C	GLOBAL	Force	Gravity	RelDist	0,6
43	LM71SISO	GLOBAL	Force	X	RelDist	0
43	LM71SISO	GLOBAL	Force	X	RelDist	0,6
43	LM71SVA	GLOBAL	Force	Z	RelDist	0
43	LM71SVA	GLOBAL	Force	Z	RelDist	0,6
43	LM71SVB	GLOBAL	Force	Z	RelDist	0
43	LM71SVB	GLOBAL	Force	Z	RelDist	0,6
43	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
43	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,6
43	SISMAO	GLOBAL	Force	X	RelDist	0
43	SISMAO	GLOBAL	Force	X	RelDist	0,6
43	SISMAVA	GLOBAL	Force	Z	RelDist	0
43	SISMAVA	GLOBAL	Force	Z	RelDist	0,6
43	SISMAVB	GLOBAL	Force	Z	RelDist	0
43	SISMAVB	GLOBAL	Force	Z	RelDist	0,6
43	SW2	GLOBAL	Force	Gravity	RelDist	0
43	SW2	GLOBAL	Force	Gravity	RelDist	0,6
43	SW2SISO	GLOBAL	Force	X	RelDist	0
43	SW2SISO	GLOBAL	Force	X	RelDist	0,6
43	SW2SVA	GLOBAL	Force	Z	RelDist	0
43	SW2SVA	GLOBAL	Force	Z	RelDist	0,6
43	SW2SVB	GLOBAL	Force	Z	RelDist	0
43	SW2SVB	GLOBAL	Force	Z	RelDist	0,6
44	AVVLM71	GLOBAL	Force	X	RelDist	0
44	BALLAST	GLOBAL	Force	Gravity	RelDist	0
44	BALLAST	GLOBAL	Force	Gravity	RelDist	0,2
44	BALLAST	GLOBAL	Force	Gravity	RelDist	0,8
44	FRENSW2	GLOBAL	Force	X	RelDist	0
44	FRENSW2	GLOBAL	Force	X	RelDist	0,2
44	FRENSW2	GLOBAL	Force	X	RelDist	0,8
44	LM71C	GLOBAL	Force	Gravity	RelDist	0
44	LM71C	GLOBAL	Force	Gravity	RelDist	0,2
44	LM71C	GLOBAL	Force	Gravity	RelDist	0,8
44	LM71SISO	GLOBAL	Force	X	RelDist	0
44	LM71SISO	GLOBAL	Force	X	RelDist	0,2
44	LM71SISO	GLOBAL	Force	X	RelDist	0,8
44	LM71SVA	GLOBAL	Force	Z	RelDist	0
44	LM71SVA	GLOBAL	Force	Z	RelDist	0,2
44	LM71SVA	GLOBAL	Force	Z	RelDist	0,8
44	LM71SVB	GLOBAL	Force	Z	RelDist	0
44	LM71SVB	GLOBAL	Force	Z	RelDist	0,2
44	LM71SVB	GLOBAL	Force	Z	RelDist	0,8
44	REINTSUP	GLOBAL	Force	Gravity	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
44	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,2
44	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,8
44	SISMAO	GLOBAL	Force	X	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0,2
44	SISMAO	GLOBAL	Force	X	RelDist	0,8
44	SISMAVA	GLOBAL	Force	Z	RelDist	0
44	SISMAVA	GLOBAL	Force	Z	RelDist	0,2
44	SISMAVA	GLOBAL	Force	Z	RelDist	0,8
44	SISMAVB	GLOBAL	Force	Z	RelDist	0
44	SISMAVB	GLOBAL	Force	Z	RelDist	0,2
44	SISMAVB	GLOBAL	Force	Z	RelDist	0,8
44	SW2	GLOBAL	Force	Gravity	RelDist	0
44	SW2	GLOBAL	Force	Gravity	RelDist	0,2
44	SW2	GLOBAL	Force	Gravity	RelDist	0,8
44	SW2SISO	GLOBAL	Force	X	RelDist	0
44	SW2SISO	GLOBAL	Force	X	RelDist	0,2
44	SW2SISO	GLOBAL	Force	X	RelDist	0,8
44	SW2SVA	GLOBAL	Force	Z	RelDist	0
44	SW2SVA	GLOBAL	Force	Z	RelDist	0,2
44	SW2SVA	GLOBAL	Force	Z	RelDist	0,8
44	SW2SVB	GLOBAL	Force	Z	RelDist	0
44	SW2SVB	GLOBAL	Force	Z	RelDist	0,2
44	SW2SVB	GLOBAL	Force	Z	RelDist	0,8
45	AVVLM71	GLOBAL	Force	X	RelDist	0
45	BALLAST	GLOBAL	Force	Gravity	RelDist	0
45	BALLAST	GLOBAL	Force	Gravity	RelDist	0,4
45	FRENSW2	GLOBAL	Force	X	RelDist	0
45	FRENSW2	GLOBAL	Force	X	RelDist	0,4
45	LM71C	GLOBAL	Force	Gravity	RelDist	0
45	LM71C	GLOBAL	Force	Gravity	RelDist	0,4
45	LM71SISO	GLOBAL	Force	X	RelDist	0
45	LM71SISO	GLOBAL	Force	X	RelDist	0,4
45	LM71SVA	GLOBAL	Force	Z	RelDist	0
45	LM71SVA	GLOBAL	Force	Z	RelDist	0,4
45	LM71SVB	GLOBAL	Force	Z	RelDist	0
45	LM71SVB	GLOBAL	Force	Z	RelDist	0,4
45	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
45	REINTSUP	GLOBAL	Force	Gravity	RelDist	0,4
45	SISMAO	GLOBAL	Force	X	RelDist	0
45	SISMAO	GLOBAL	Force	X	RelDist	0,4
45	SISMAVA	GLOBAL	Force	Z	RelDist	0
45	SISMAVA	GLOBAL	Force	Z	RelDist	0,4
45	SISMAVB	GLOBAL	Force	Z	RelDist	0
45	SISMAVB	GLOBAL	Force	Z	RelDist	0,4
45	SW2	GLOBAL	Force	Gravity	RelDist	0
45	SW2	GLOBAL	Force	Gravity	RelDist	0,4
45	SW2SISO	GLOBAL	Force	X	RelDist	0
45	SW2SISO	GLOBAL	Force	X	RelDist	0,4
45	SW2SVA	GLOBAL	Force	Z	RelDist	0
45	SW2SVA	GLOBAL	Force	Z	RelDist	0,4
45	SW2SVB	GLOBAL	Force	Z	RelDist	0
45	SW2SVB	GLOBAL	Force	Z	RelDist	0,4
46	AVVLM71	GLOBAL	Force	X	RelDist	0
46	BALLAST	GLOBAL	Force	Gravity	RelDist	0
46	FRENSW2	GLOBAL	Force	X	RelDist	0
46	LM71C	GLOBAL	Force	Gravity	RelDist	0
46	LM71SISO	GLOBAL	Force	X	RelDist	0
46	LM71SVA	GLOBAL	Force	Z	RelDist	0
46	LM71SVB	GLOBAL	Force	Z	RelDist	0
46	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
46	SISMAO	GLOBAL	Force	X	RelDist	0
46	SISMAVA	GLOBAL	Force	Z	RelDist	0
46	SISMAVB	GLOBAL	Force	Z	RelDist	0
46	SW2	GLOBAL	Force	Gravity	RelDist	0
46	SW2SISO	GLOBAL	Force	X	RelDist	0
46	SW2SVA	GLOBAL	Force	Z	RelDist	0
46	SW2SVB	GLOBAL	Force	Z	RelDist	0
47	AVVLM71	GLOBAL	Force	X	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
47	BALLAST	GLOBAL	Force	Gravity	RelDist	0
47	FRENSW2	GLOBAL	Force	X	RelDist	0
47	LM71C	GLOBAL	Force	Gravity	RelDist	0
47	LM71SISO	GLOBAL	Force	X	RelDist	0
47	LM71SVA	GLOBAL	Force	Z	RelDist	0
47	LM71SVB	GLOBAL	Force	Z	RelDist	0
47	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
47	SISMAO	GLOBAL	Force	X	RelDist	0
47	SISMAVA	GLOBAL	Force	Z	RelDist	0
47	SISMAVB	GLOBAL	Force	Z	RelDist	0
47	SW2	GLOBAL	Force	Gravity	RelDist	0
47	SW2SISO	GLOBAL	Force	X	RelDist	0
47	SW2SVA	GLOBAL	Force	Z	RelDist	0
47	SW2SVB	GLOBAL	Force	Z	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
25	INCRTER	1	0	0,175	48	48
25	SISMAO	1	0	0,175	4,16	4,16
25	SISMAVA	1	0	0,175	2,33	2,33
25	SISMAVB	1	0	0,175	-2,33	-2,33
25	STERRASX	1	0	0,175	66,86	65,37
25	STLM71	1	0	0,175	20,98	20,98
25	STSW2	1	0	0,175	17,48	17,48
26	SISMAO	1	0	0,175	4,16	4,16
26	SISMAVA	1	0	0,175	2,33	2,33
26	SISMAVB	1	0	0,175	-2,33	-2,33
26	STERRADX	1	0	0,175	-66,86	-65,37
27	INCRTER	1	0	0,175	48	48
27	SISMAO	1	0	0,175	4,16	4,16
27	SISMAVA	1	0	0,175	2,33	2,33
27	SISMAVB	1	0	0,175	-2,33	-2,33
27	STERRASX	1	0	0,175	65,37	63,88
27	STLM71	1	0	0,175	20,98	20,98
27	STSW2	1	0	0,175	17,48	17,48
28	SISMAO	1	0	0,175	4,16	4,16
28	SISMAVA	1	0	0,175	2,33	2,33
28	SISMAVB	1	0	0,175	-2,33	-2,33
28	STERRADX	1	0	0,175	-65,37	-63,88
29	INCRTER	0,5	0	0,70625	48	48
29	INCRTER	1	0,70625	1,4125	48	48
29	SISMAO	0,5	0	0,70625	4,16	4,16
29	SISMAO	1	0,70625	1,4125	4,16	4,16
29	SISMAVA	0,5	0	0,70625	2,33	2,33
29	SISMAVA	1	0,70625	1,4125	2,33	2,33
29	SISMAVB	0,5	0	0,70625	-2,33	-2,33
29	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
29	STERRASX	1	0	1,4125	63,88	51,83
29	STLM71	0,5	0	0,70625	20,98	20,98
29	STLM71	1	0,70625	1,4125	20,98	20,98
29	STSW2	0,5	0	0,70625	17,48	17,48
29	STSW2	1	0,70625	1,4125	17,48	17,48
30	SISMAO	0,5	0	0,70625	4,16	4,16
30	SISMAO	1	0,70625	1,4125	4,16	4,16
30	SISMAVA	0,5	0	0,70625	2,33	2,33
30	SISMAVA	1	0,70625	1,4125	2,33	2,33
30	SISMAVB	0,5	0	0,70625	-2,33	-2,33
30	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
30	STERRADX	1	0	1,4125	-63,88	-51,83
31	INCRTER	0,5	0	0,70625	48	48
31	INCRTER	1	0,70625	1,4125	48	48
31	SISMAO	0,5	0	0,70625	4,16	4,16
31	SISMAO	1	0,70625	1,4125	4,16	4,16
31	SISMAVA	0,5	0	0,70625	2,33	2,33
31	SISMAVA	1	0,70625	1,4125	2,33	2,33

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
31	SISMAVB	0,5	0	0,70625	-2,33	-2,33
31	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
31	STERRASX	1	0	1,4125	51,83	39,79
31	STLM71	0,5	0	0,70625	20,98	20,98
31	STLM71	1	0,70625	1,4125	20,98	20,98
31	STSW2	0,5	0	0,70625	17,48	17,48
31	STSW2	1	0,70625	1,4125	17,48	17,48
32	SISMAO	0,5	0	0,70625	4,16	4,16
32	SISMAO	1	0,70625	1,4125	4,16	4,16
32	SISMAVA	0,5	0	0,70625	2,33	2,33
32	SISMAVA	1	0,70625	1,4125	2,33	2,33
32	SISMAVB	0,5	0	0,70625	-2,33	-2,33
32	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
32	STERRADX	1	0	1,4125	-51,83	-39,79
33	INCRTER	0,5	0	0,70625	48	48
33	INCRTER	1	0,70625	1,4125	48	48
33	SISMAO	0,5	0	0,70625	4,16	4,16
33	SISMAO	1	0,70625	1,4125	4,16	4,16
33	SISMAVA	0,5	0	0,70625	2,33	2,33
33	SISMAVA	1	0,70625	1,4125	2,33	2,33
33	SISMAVB	0,5	0	0,70625	-2,33	-2,33
33	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
33	STERRASX	1	0	1,4125	39,79	27,74
33	STLM71	0,5	0	0,70625	20,98	20,98
33	STLM71	1	0,70625	1,4125	20,98	20,98
33	STSW2	0,5	0	0,70625	17,48	17,48
33	STSW2	1	0,70625	1,4125	17,48	17,48
34	SISMAO	0,5	0	0,70625	4,16	4,16
34	SISMAO	1	0,70625	1,4125	4,16	4,16
34	SISMAVA	0,5	0	0,70625	2,33	2,33
34	SISMAVA	1	0,70625	1,4125	2,33	2,33
34	SISMAVB	0,5	0	0,70625	-2,33	-2,33
34	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
34	STERRADX	1	0	1,4125	-39,79	-27,74
35	INCRTER	0,5	0	0,70625	48	48
35	INCRTER	1	0,70625	1,4125	48	48
35	SISMAO	0,5	0	0,70625	4,16	4,16
35	SISMAO	1	0,70625	1,4125	4,16	4,16
35	SISMAVA	0,5	0	0,70625	2,33	2,33
35	SISMAVA	1	0,70625	1,4125	2,33	2,33
35	SISMAVB	0,5	0	0,70625	-2,33	-2,33
35	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
35	STERRASX	1	0	1,4125	27,74	15,69
35	STLM71	0,5	0	0,70625	20,98	20,98
35	STLM71	1	0,70625	1,4125	20,98	20,98
35	STSW2	0,5	0	0,70625	17,48	17,48
35	STSW2	1	0,70625	1,4125	17,48	17,48
36	SISMAO	0,5	0	0,70625	4,16	4,16
36	SISMAO	1	0,70625	1,4125	4,16	4,16
36	SISMAVA	0,5	0	0,70625	2,33	2,33
36	SISMAVA	1	0,70625	1,4125	2,33	2,33
36	SISMAVB	0,5	0	0,70625	-2,33	-2,33
36	SISMAVB	1	0,70625	1,4125	-2,33	-2,33
36	STERRADX	1	0	1,4125	-27,74	-15,69
37	INCRTER	1	0	0,15	48	48
37	SISMAO	1	0	0,15	4,16	4,16
37	SISMAVA	1	0	0,15	2,33	2,33
37	SISMAVB	1	0	0,15	-2,33	-2,33
37	STERRASX	1	0	0,15	15,69	14,41
37	STLM71	1	0	0,15	20,98	20,98
37	STSW2	1	0	0,15	17,48	17,48
38	SISMAO	1	0	0,15	4,16	4,16
38	SISMAVA	1	0	0,15	2,33	2,33
38	SISMAVB	1	0	0,15	-2,33	-2,33
38	STERRADX	1	0	0,15	-15,69	-14,41
39	INCRTER	1	0	0,15	48	48
39	SISMAO	1	0	0,15	4,16	4,16
39	SISMAVA	1	0	0,15	2,33	2,33

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
39	SISMAVB	1	0	0,15	-2,33	-2,33
39	STERRASX	1	0	0,15	14,41	13,13
39	STLM71	1	0	0,15	20,98	20,98
39	STSW2	1	0	0,15	17,48	17,48
40	SISMAO	1	0	0,15	4,16	4,16
40	SISMAVA	1	0	0,15	2,33	2,33
40	SISMAVB	1	0	0,15	-2,33	-2,33
40	STERRADX	1	0	0,15	-14,41	-13,13
41	AVVLM71	1	0	0,15	10,19	10,19
41	BALLAST	1	0	0,15	14,4	14,4
41	FRENSW2	1	0	0,15	10,81	10,81
41	LM71C	1	0	0,15	61,5	61,5
41	LM71SISO	1	0	0,15	3,85	3,85
41	LM71SVA	1	0	0,15	1,91	1,91
41	LM71SVB	1	0	0,15	-1,91	-1,91
41	REINTSUP	1	0	0,15	12,48	12,48
41	SISMAO	1	0	0,15	11,6	11,6
41	SISMAVA	1	0	0,15	6,49	6,49
41	SISMAVB	1	0	0,15	-6,49	-6,49
41	SW2	1	0	0,15	51,24	51,24
41	SW2SISO	1	0	0,15	3,21	3,21
41	SW2SVA	1	0	0,15	1,59	1,59
41	SW2SVB	1	0	0,15	-1,59	-1,59
42	AVVLM71	1	0	0,15	10,19	10,19
42	BALLAST	1	0	0,15	14,4	14,4
42	FRENSW2	1	0	0,15	10,81	10,81
42	LM71C	1	0	0,15	61,5	61,5
42	LM71SISO	1	0	0,15	3,85	3,85
42	LM71SVA	1	0	0,15	1,91	1,91
42	LM71SVB	1	0	0,15	-1,91	-1,91
42	REINTSUP	1	0	0,15	12,48	12,48
42	SISMAO	1	0	0,15	11,6	11,6
42	SISMAVA	1	0	0,15	6,49	6,49
42	SISMAVB	1	0	0,15	-6,49	-6,49
42	SW2	1	0	0,15	51,24	51,24
42	SW2SISO	1	0	0,15	3,21	3,21
42	SW2SVA	1	0	0,15	1,59	1,59
42	SW2SVB	1	0	0,15	-1,59	-1,59
43	AVVLM71	1	0	1,33333	10,19	10,19
43	BALLAST	0,6	0	0,8	14,4	14,4
43	BALLAST	1	0,8	1,33333	14,4	14,4
43	FRENSW2	0,6	0	0,8	10,81	10,81
43	FRENSW2	1	0,8	1,33333	10,81	10,81
43	LM71C	0,6	0	0,8	61,5	61,5
43	LM71C	1	0,8	1,33333	61,5	61,5
43	LM71SISO	0,6	0	0,8	3,85	3,85
43	LM71SISO	1	0,8	1,33333	3,85	3,85
43	LM71SVA	0,6	0	0,8	1,91	1,91
43	LM71SVA	1	0,8	1,33333	1,91	1,91
43	LM71SVB	0,6	0	0,8	-1,91	-1,91
43	LM71SVB	1	0,8	1,33333	-1,91	-1,91
43	REINTSUP	0,6	0	0,8	12,48	12,48
43	REINTSUP	1	0,8	1,33333	12,48	12,48
43	SISMAO	0,6	0	0,8	11,6	11,6
43	SISMAO	1	0,8	1,33333	11,6	11,6
43	SISMAVA	0,6	0	0,8	6,49	6,49
43	SISMAVA	1	0,8	1,33333	6,49	6,49
43	SISMAVB	0,6	0	0,8	-6,49	-6,49
43	SISMAVB	1	0,8	1,33333	-6,49	-6,49
43	SW2	0,6	0	0,8	51,24	51,24
43	SW2	1	0,8	1,33333	51,24	51,24
43	SW2SISO	0,6	0	0,8	3,21	3,21
43	SW2SISO	1	0,8	1,33333	3,21	3,21
43	SW2SVA	0,6	0	0,8	1,59	1,59
43	SW2SVA	1	0,8	1,33333	1,59	1,59
43	SW2SVB	0,6	0	0,8	-1,59	-1,59
43	SW2SVB	1	0,8	1,33333	-1,59	-1,59
44	AVVLM71	1	0	1,33333	10,19	10,19

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
44	BALLAST	0,2	0	0,26667	14,4	14,4
44	BALLAST	0,8	0,26667	1,06667	14,4	14,4
44	BALLAST	1	1,06667	1,33333	14,4	14,4
44	FRENSW2	0,2	0	0,26667	10,81	10,81
44	FRENSW2	0,8	0,26667	1,06667	10,81	10,81
44	FRENSW2	1	1,06667	1,33333	10,81	10,81
44	LM71C	0,2	0	0,26667	61,5	61,5
44	LM71C	0,8	0,26667	1,06667	61,5	61,5
44	LM71C	1	1,06667	1,33333	61,5	61,5
44	LM71SISO	0,2	0	0,26667	3,85	3,85
44	LM71SISO	0,8	0,26667	1,06667	3,85	3,85
44	LM71SISO	1	1,06667	1,33333	3,85	3,85
44	LM71SVA	0,2	0	0,26667	1,91	1,91
44	LM71SVA	0,8	0,26667	1,06667	1,91	1,91
44	LM71SVA	1	1,06667	1,33333	1,91	1,91
44	LM71SVB	0,2	0	0,26667	-1,91	-1,91
44	LM71SVB	0,8	0,26667	1,06667	-1,91	-1,91
44	LM71SVB	1	1,06667	1,33333	-1,91	-1,91
44	REINTSUP	0,2	0	0,26667	12,48	12,48
44	REINTSUP	0,8	0,26667	1,06667	12,48	12,48
44	REINTSUP	1	1,06667	1,33333	12,48	12,48
44	SISMAO	0,2	0	0,26667	11,6	11,6
44	SISMAO	0,8	0,26667	1,06667	11,6	11,6
44	SISMAO	1	1,06667	1,33333	11,6	11,6
44	SISMAVA	0,2	0	0,26667	6,49	6,49
44	SISMAVA	0,8	0,26667	1,06667	6,49	6,49
44	SISMAVA	1	1,06667	1,33333	6,49	6,49
44	SISMAVB	0,2	0	0,26667	-6,49	-6,49
44	SISMAVB	0,8	0,26667	1,06667	-6,49	-6,49
44	SISMAVB	1	1,06667	1,33333	-6,49	-6,49
44	SW2	0,2	0	0,26667	51,24	51,24
44	SW2	0,8	0,26667	1,06667	51,24	51,24
44	SW2	1	1,06667	1,33333	51,24	51,24
44	SW2SISO	0,2	0	0,26667	3,21	3,21
44	SW2SISO	0,8	0,26667	1,06667	3,21	3,21
44	SW2SISO	1	1,06667	1,33333	3,21	3,21
44	SW2SVA	0,2	0	0,26667	1,59	1,59
44	SW2SVA	0,8	0,26667	1,06667	1,59	1,59
44	SW2SVA	1	1,06667	1,33333	1,59	1,59
44	SW2SVB	0,2	0	0,26667	-1,59	-1,59
44	SW2SVB	0,8	0,26667	1,06667	-1,59	-1,59
44	SW2SVB	1	1,06667	1,33333	-1,59	-1,59
45	AVVLM71	1	0	1,33333	10,19	10,19
45	BALLAST	0,4	0	0,53333	14,4	14,4
45	BALLAST	1	0,53333	1,33333	14,4	14,4
45	FRENSW2	0,4	0	0,53333	10,81	10,81
45	FRENSW2	1	0,53333	1,33333	10,81	10,81
45	LM71C	0,4	0	0,53333	61,5	61,5
45	LM71C	1	0,53333	1,33333	61,5	61,5
45	LM71SISO	0,4	0	0,53333	3,85	3,85
45	LM71SISO	1	0,53333	1,33333	3,85	3,85
45	LM71SVA	0,4	0	0,53333	1,91	1,91
45	LM71SVA	1	0,53333	1,33333	1,91	1,91
45	LM71SVB	0,4	0	0,53333	-1,91	-1,91
45	LM71SVB	1	0,53333	1,33333	-1,91	-1,91
45	REINTSUP	0,4	0	0,53333	12,48	12,48
45	REINTSUP	1	0,53333	1,33333	12,48	12,48
45	SISMAO	0,4	0	0,53333	11,6	11,6
45	SISMAO	1	0,53333	1,33333	11,6	11,6
45	SISMAVA	0,4	0	0,53333	6,49	6,49
45	SISMAVA	1	0,53333	1,33333	6,49	6,49
45	SISMAVB	0,4	0	0,53333	-6,49	-6,49
45	SISMAVB	1	0,53333	1,33333	-6,49	-6,49
45	SW2	0,4	0	0,53333	51,24	51,24
45	SW2	1	0,53333	1,33333	51,24	51,24
45	SW2SISO	0,4	0	0,53333	3,21	3,21
45	SW2SISO	1	0,53333	1,33333	3,21	3,21
45	SW2SVA	0,4	0	0,53333	1,59	1,59

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
45	SW2SVA	1	0,53333	1,33333	1,59	1,59
45	SW2SVB	0,4	0	0,53333	-1,59	-1,59
45	SW2SVB	1	0,53333	1,33333	-1,59	-1,59
46	AVVLM71	1	0	0,15	10,19	10,19
46	BALLAST	1	0	0,15	14,4	14,4
46	FRENSW2	1	0	0,15	10,81	10,81
46	LM71C	1	0	0,15	61,5	61,5
46	LM71SISO	1	0	0,15	3,85	3,85
46	LM71SVA	1	0	0,15	1,91	1,91
46	LM71SVB	1	0	0,15	-1,91	-1,91
46	REINTSUP	1	0	0,15	12,48	12,48
46	SISMAO	1	0	0,15	11,6	11,6
46	SISMAVA	1	0	0,15	6,42	6,42
46	SISMAVB	1	0	0,15	-6,42	-6,42
46	SW2	1	0	0,15	51,24	51,24
46	SW2SISO	1	0	0,15	3,21	3,21
46	SW2SVA	1	0	0,15	1,59	1,59
46	SW2SVB	1	0	0,15	-1,59	-1,59
47	AVVLM71	1	0	0,15	10,19	10,19
47	BALLAST	1	0	0,15	14,4	14,4
47	FRENSW2	1	0	0,15	10,81	10,81
47	LM71C	1	0	0,15	61,5	61,5
47	LM71SISO	1	0	0,15	3,85	3,85
47	LM71SVA	1	0	0,15	1,91	1,91
47	LM71SVB	1	0	0,15	-1,91	-1,91
47	REINTSUP	1	0	0,15	12,48	12,48
47	SISMAO	1	0	0,15	11,6	11,6
47	SISMAVA	1	0	0,15	6,49	6,49
47	SISMAVB	1	0	0,15	-6,42	-6,49
47	SW2	1	0	0,15	51,24	51,24
47	SW2SISO	1	0	0,15	3,21	3,21
47	SW2SVA	1	0	0,15	1,59	1,59
47	SW2SVB	1	0	0,15	-1,59	-1,59

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
25	INCRTER	077a1689-9ca4-4503-bd53-9ad59a87ab23
25	SISMAO	c2eb33c0-1fc1-4048-9e60-9fab60d5fc21
25	SISMAVA	3a61d060-ae49-449f-b589-5d1f29ea0c8d
25	SISMAVB	d9459b44-e4de-491a-894a-519040493cc3
25	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
25	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
25	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
26	SISMAO	3f40135f-729d-4939-852b-cfb7eb3151ba
26	SISMAVA	96acd76e-4e5e-46bf-ab80-22e5d232bc17
26	SISMAVB	4b80ee36-c793-43fd-8cba-7f795e5a549d
26	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
27	INCRTER	54d9b39e-b0b9-457b-b724-9c8162820c2b
27	SISMAO	866accbf-b1dc-4cbe-b031-f013839a1abd
27	SISMAVA	9c173853-42b0-41eb-b004-ba6168411984
27	SISMAVB	270d0bca-df3d-49e2-a4ef-6664004e3072
27	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
27	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
27	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
28	SISMAO	9e2c0fe8-8054-4020-91d7-c20dd2616663
28	SISMAVA	00881ad9-6699-4640-bf88-636bb5059e71
28	SISMAVB	869cfafb-b20a-4606-b9bf-eb02c04e9be1
28	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
29	INCRTER	a437e150-860b-4f9e-8670-1cac28127518
29	INCRTER	758fe7a2-d1db-4906-aab1-44751858b3f3
29	SISMAO	09516269-30ce-4a9a-bf61-f33e4bb48973
29	SISMAO	eae64329-3ac3-4107-be01-eef00ee4d42f
29	SISMAVA	f49eb6ea-c25f-46ee-a87b-513b1bfbd489
29	SISMAVA	91496078-af90-4a94-bdde-2103a2b35c50
29	SISMAVB	bcc58caf-0f54-42b6-af1f-b32f2451eb4f
29	SISMAVB	7de708ac-20de-42c0-8e49-c955eebf3351
29	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
29	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
29	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
29	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
29	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
30	SISMAO	42ee7500-f72b-4cf2-af07-bd7714d46e0f
30	SISMAO	9acf0a2d-3e33-4eca-b0be-682cdd34014a
30	SISMAVA	c850b86a-f22d-4528-a933-1271fa1ef0cd
30	SISMAVA	2f681cde-41fa-40ae-881f-5acecc9de57c
30	SISMAVB	c1b5ea51-bc99-4e0d-9a3a-ae94f86681cb
30	SISMAVB	3f603a6e-07b1-4d78-8a40-0ca2f4688525
30	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
31	INCRTER	bc0e2c8f-dc96-437c-8823-c701a84ad598
31	INCRTER	a66682eb-fead-43ad-bd92-0814723e9375
31	SISMAO	12ae4509-7358-41e2-8c91-4b68b1b4f284
31	SISMAO	cdcf6503-301f-4ba7-a412-c09132563820
31	SISMAVA	1d2a1d7b-211f-4870-b090-288bd404e080
31	SISMAVA	e54a9142-f986-408a-b42c-6a8dbd9fe7d6
31	SISMAVB	d996687f-9f25-47aa-813c-54e0244baf3e
31	SISMAVB	53827f48-fb99-4d7f-952a-3a916bb00d3c
31	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
31	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
31	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
31	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
31	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
32	SISMAO	67ba0c54-a263-4cae-b6d6-6a0179d36499
32	SISMAO	55145209-5a2a-44a6-a6ca-b8af93ea9f5a
32	SISMAVA	73487994-c250-45dc-a8d0-cc1e0b2941e5
32	SISMAVA	b1a1fd68-73c2-49da-8fdb-e2071fb3570a
32	SISMAVB	99d47eb7-335b-4006-b344-5105fff4cfa9
32	SISMAVB	ff1fa1bb-0af4-4d92-86ed-12115d7d688a
32	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
33	INCRTER	caade70a-9cb3-4936-ac95-a5becb945770
33	INCRTER	6a19ed9d-256e-44e1-99ed-2ec20c14dd17
33	SISMAO	e0d163d6-7c08-4f70-8e2b-502b1a943c6c
33	SISMAO	a0552b9f-ecbf-4b53-a726-5ed8588f6a69
33	SISMAVA	861c153e-a723-400e-af84-5f5dca70fb07
33	SISMAVA	f7ac511d-669a-4ef5-8b65-c18fb84602f3
33	SISMAVB	87e93e2c-7e9c-481c-95ec-44c941428168
33	SISMAVB	80b451b5-c0b9-42af-aeb4-07036ee11f78
33	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
33	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
33	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
33	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
33	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
34	SISMAO	9a493d20-9289-4a02-9a42-1dc09ff4fbf8
34	SISMAO	e663c2fe-4d7f-4c10-be00-f72cfb503cf3
34	SISMAVA	ab5f6847-8481-481d-9aa9-1d6ef63b6c20
34	SISMAVA	5d70790f-37c5-4f82-93b2-4e1e8d28eac2
34	SISMAVB	1730dd79-6b9c-4208-97fb-ebe6fc440425
34	SISMAVB	967c235a-6b3f-4714-a124-3e94c37f9282
34	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
35	INCRTER	14e4eee5-68ae-42fa-bd21-47fab0fc22fc
35	INCRTER	b46c5c87-19cd-4501-95ae-9fe9f900d3b4
35	SISMAO	c071100b-0ae9-4867-9ed2-5959574b65c1
35	SISMAO	1af39599-9ef7-41c8-90d7-528063b17659
35	SISMAVA	29035142-14ca-4169-b379-ed07986f382e
35	SISMAVA	8810c9f5-0423-4d0a-b8f1-2a6c3c3ea6ef
35	SISMAVB	afe6a63b-8f9f-4406-aa33-43536544f8da
35	SISMAVB	6e3a3078-2e5a-47db-8881-51c4e9a2dedc
35	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
35	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
35	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
35	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
35	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
36	SISMAO	cbea4d59-da2d-4a68-b759-49716a53f77c
36	SISMAO	e7133ff0-c085-4924-9a9f-bcd08253facf
36	SISMAVA	ec01b9ab-bb6d-4790-99c9-11bfa06a9cb3
36	SISMAVA	b0a55298-70b1-4080-8fc1-e2b8585581f2
36	SISMAVB	eafa321f-edae-43ff-8957-dd6843df59f0
36	SISMAVB	1bcd6b9f-cb31-4e8a-b791-dd7a6c703961
36	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
37	INCRTER	39166f14-6c8c-4276-968b-f09aa4b89aa1
37	SISMAO	d17bb494-a25e-4e99-a041-789d05f039f9
37	SISMAVA	f0bcfb78-0a0e-4769-aab6-72fcc29d420b
37	SISMAVB	78e580d0-b7d7-46b2-881e-3988811e0cba
37	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
37	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
37	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
38	SISMAO	d10ae7e6-f7e5-4ece-b90b-db78a18a5e04
38	SISMAVA	050f9e4d-fee9-4c17-a78e-c76593b8929c
38	SISMAVB	268cbd48-e744-4901-900a-f1d828673800
38	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
39	INCRTER	49f3a437-beea-4729-b2d0-e4348a1704c6
39	SISMAO	64c17395-55bf-4264-8bc5-dccd266830ce
39	SISMAVA	96b1e5f1-d165-4372-a504-d5579edd2aa0
39	SISMAVB	c01e3943-a872-436b-b172-d80206a6c833
39	STERRASX	51156094-e43f-406e-a78e-8c68c4aae9e6
39	STLM71	968db9ef-ee8d-49f5-82b3-694b3e02c1e6
39	STSW2	3e0b85d2-1f94-4501-b7cd-265d5d798088
40	SISMAO	3006454a-8fd6-44a6-ae3a-5af5a61f9424
40	SISMAVA	3df499ca-ab37-49e7-b413-215f64c52f24
40	SISMAVB	c0057aea-8b30-477b-8dac-d7f7212f6824
40	STERRADX	f78106cf-d2ae-470f-9d91-04a2ab8f03c8
41	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
41	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
41	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
41	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
41	LM71SISO	c385546a-0035-4d3c-b0f4-27cd9a502f95
41	LM71SVA	ac537ee0-b278-40bd-9b21-de9948a64c94

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
41	LM71SVB	a35bc5b7-f8d4-4a8e-94fd-f663a6abc2e1
41	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
41	SISMAO	93c8e20d-13b1-4ee4-a29f-28aff91a3330
41	SISMAVA	5e93538e-4c3d-4035-a90d-f044ef8d38fa
41	SISMAVB	dd22c8c2-fba4-40e5-b1ed-9917d96a8abf
41	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
41	SW2SISO	5265e519-9be4-4ab5-a7e6-cadfc8b83e67
41	SW2SVA	7806c81e-b1b7-48c6-a40f-82eb21024525
41	SW2SVB	0911b2c8-4329-48e7-802b-8a60bc9ab464
42	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
42	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
42	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
42	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
42	LM71SISO	be709b3a-4758-47af-a38e-9ff9d6090b56
42	LM71SVA	cf029992-946e-4255-a8ee-2ff0c342f04b
42	LM71SVB	9a962796-ccbc-4f76-b70f-f919603d6938
42	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
42	SISMAO	9e81f2a0-3a71-42ff-a61c-e58752490bc3
42	SISMAVA	535f779e-59f4-4117-9d3f-b77e3bf2eae2
42	SISMAVB	223bc8b1-062b-4a7f-807d-faeabd8d7151
42	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
42	SW2SISO	1668330f-ad3e-48fb-9752-8be5616d0e4e
42	SW2SVA	2fdc1782-c5f0-48f2-9828-7d69594643c9
42	SW2SVB	28a65437-ba1b-4f31-9ba1-e17040e24928
43	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
43	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
43	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
43	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
43	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
43	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
43	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
43	LM71SISO	2fc938f9-83b4-4579-8c94-00c46063ab82
43	LM71SISO	28a3966f-abc4-4b85-b83e-d4597c8aa667
43	LM71SVA	59c5b7f0-236b-484c-a89f-80b41a993fbf
43	LM71SVA	92b24861-15d4-462f-98c5-bfda6b71f816
43	LM71SVB	6b06e9db-3d79-4594-a083-9cdcf43f3ff5
43	LM71SVB	204092a9-fc1d-4187-9ba3-39dddf1c6dd3
43	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
43	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
43	SISMAO	9edb3c32-1768-428b-8beb-984447e0bc60
43	SISMAO	ff44276c-8152-42dd-ba03-1eb27dbcb268
43	SISMAVA	b79cea30-d663-4ef9-b50c-a4de7a414c79
43	SISMAVA	8312beb3-b360-4c20-bbb9-547015efc225
43	SISMAVB	6483654d-509e-4237-82d5-f59e69d11a6e
43	SISMAVB	7d680a10-0b5a-4657-8960-87e0b571fc5d
43	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
43	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
43	SW2SISO	5eb43bb7-5676-4868-92a1-8df6c0714d26
43	SW2SISO	067dde32-eaeb-4756-a272-d67f3db4b107
43	SW2SVA	aa82f3ef-d6d2-429f-a908-73c5b99cfdfb
43	SW2SVA	cae5195e-fd41-46fc-830d-306a435ddc0c
43	SW2SVB	c2ab9c41-ea0f-4469-a3c5-81a7dd9e0ac2
43	SW2SVB	53c3a57b-f3bc-4665-944f-0f3a058ec2d6
44	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
44	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
44	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
44	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
44	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
44	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
44	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
44	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
44	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
44	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
44	LM71SISO	28a3966f-abc4-4b85-b83e-d4597c8aa667
44	LM71SISO	d753d180-7d08-4d81-bc4d-e1e1323e56b6
44	LM71SISO	b1a454ba-ca6c-46e0-a8a4-ff7fe4e76457
44	LM71SVA	92b24861-15d4-462f-98c5-bfda6b71f816
44	LM71SVA	475f6347-dc9f-4379-bc16-edb34ea2e50e
44	LM71SVA	95e89730-6225-42f2-b168-0974594fb742
44	LM71SVB	204092a9-fc1d-4187-9ba3-39dddf1c6dd3
44	LM71SVB	5d7fcbaa-508b-4ae5-93cb-ada7e962de29
44	LM71SVB	c53e6559-8141-4b7d-a8b5-2cc4fdaac134
44	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
44	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
44	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
44	SISMAO	ff44276c-8152-42dd-ba03-1eb27dbcb268

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
44	SISMAO	3bdb4050-4a26-4ddd-ab65-9046b5e7d8f3
44	SISMAO	8bbe1242-1669-4fa2-ba44-3fdb923b5008
44	SISMAVA	8312beb3-b360-4c20-bbb9-547015efc225
44	SISMAVA	6fa26e1c-8172-4f5d-9e88-024488f0becc
44	SISMAVA	8ab7cbe0-5320-4d89-80e4-7c9bbadf6d26
44	SISMAVB	7d680a10-0b5a-4657-8960-87e0b571fc5d
44	SISMAVB	4da5d784-964d-458c-9494-123fc14a0feb
44	SISMAVB	0c758d6c-1710-43df-a612-bb71d788d1b6
44	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
44	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
44	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
44	SW2SISO	067dde32-eaeb-4756-a272-d67f3db4b107
44	SW2SISO	a8fa72d8-79ff-4a33-86fd-424cbe73b1b3
44	SW2SISO	c98c9065-b010-4808-afdc-6011dddbab3b
44	SW2SVA	cae5195e-fd41-46fc-830d-306a435ddc0c
44	SW2SVA	0df03ddd-3d89-41b0-b1b4-0fba3c0f8bd8
44	SW2SVA	36c7bedc-2e43-4020-9a09-99e8a066d42d
44	SW2SVB	53c3a57b-f3bc-4665-944f-0f3a058ec2d6
44	SW2SVB	2be8c32c-0ae1-471d-a075-d3504afb09d5
44	SW2SVB	88171676-d99d-4a29-9228-d13acfc274fd
45	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
45	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
45	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
45	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
45	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
45	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
45	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
45	LM71SISO	b1a454ba-ca6c-46e0-a8a4-ff7fe4e76457
45	LM71SISO	503141ab-8255-4860-b107-a36c16b2cb62
45	LM71SVA	95e89730-6225-42f2-b168-0974594fb742
45	LM71SVA	27d25cef-ad38-4d6e-b1de-5db857cf617f
45	LM71SVB	c53e6559-8141-4b7d-a8b5-2cc4fdaac134
45	LM71SVB	813bb49b-67e8-45b3-b8f6-8daa2c2222e3
45	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
45	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
45	SISMAO	8bbe1242-1669-4fa2-ba44-3fdb923b5008
45	SISMAO	87ccac3b-a783-4de8-ae27-d5aecfa7b28a
45	SISMAVA	8ab7cbe0-5320-4d89-80e4-7c9bbadf6d26

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
45	SISMAVA	9c69166f-de09-4f7d-a1d0-9a6bd271720a
45	SISMAVB	0c758d6c-1710-43df-a612-bb71d788d1b6
45	SISMAVB	321887be-517e-4531-9432-225dd7a1a848
45	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
45	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
45	SW2SISO	c98c9065-b010-4808-afdc-6011dddbab3b
45	SW2SISO	2c4aba2e-6a49-42d4-9783-c24de348c468
45	SW2SVA	36c7bedc-2e43-4020-9a09-99e8a066d42d
45	SW2SVA	c72a5237-8b41-4146-b9d1-8a0294b9309d
45	SW2SVB	88171676-d99d-4a29-9228-d13acfc274fd
45	SW2SVB	df9d2de8-f4d7-4a90-a9a0-1f41fcb60399
46	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
46	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
46	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
46	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
46	LM71SISO	da68cd51-4e88-49c1-b793-81970cc6e1d0
46	LM71SVA	40f914ab-cbfb-4d30-8bfc-a424b717f319
46	LM71SVB	8b65fd00-c418-4aa5-ad37-23b8ba84ff7e
46	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
46	SISMAO	a7df3096-48ec-435b-a48b-1856f5b7078a
46	SISMAVA	fb9eab8d-6274-4e4c-af08-1c663c54e01a
46	SISMAVB	f0c618eb-4a17-435e-b18f-34aeb9239368
46	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5
46	SW2SISO	62912fc5-8f90-4ae3-8802-7bcc7bedc89f
46	SW2SVA	16963e08-7fcf-4a62-8b8c-0229e3054869
46	SW2SVB	578d05ea-8d97-40e2-a096-9db0918d7ab6
47	AVVLM71	482fb751-e240-4ebe-8bed-ee63abd41aaa
47	BALLAST	3fad1c29-4a4b-4bf8-aef7-ae3db4a47677
47	FRENSW2	087b99a4-f1bf-4d9c-9de4-2417126c5b2f
47	LM71C	470aa9a0-b806-4a0a-957a-b030159e23f7
47	LM71SISO	bfa98850-acf8-4d4b-ba9a-53f32a725934
47	LM71SVA	382e4ccf-2dfc-4852-ad94-de60258c554e
47	LM71SVB	14cebda3-a626-488e-a906-c8d21e41cdb7
47	REINTSUP	48ad6dc9-d483-4c3c-b723-ad4d29584616
47	SISMAO	6e2ac57c-15a7-49ef-949e-1fc6600a2faf
47	SISMAVA	d6614cf4-9d8d-4309-b1d4-11f8fc3fdcb9
47	SISMAVB	66b5503e-baa2-493d-a5b7-b44cc6442be8
47	SW2	9a9b087d-081d-4598-aee1-1acaf6ee2dc5

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
47	SW2SISO	c232c9c1-2c54-4d33-838b-dca9731faf7e
47	SW2SVA	7e2d91b8-ccd7-4485-858f-680e656386a0
47	SW2SVB	db5ff6c8-ef9a-4595-908f-d467cd9f020e

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp	TempGrad2	JtPattern
			C	C/m	
41	TERMP	Temperature	5		None
41	TERMN	Temperature	-15		None
41	GRADTP	Gradient2		8,33	None
41	GRADTN	Gradient2		-8,33	None
42	TERMP	Temperature	5		None
42	TERMN	Temperature	-15		None
42	GRADTP	Gradient2		8,33	None
42	GRADTN	Gradient2		-8,33	None
43	TERMP	Temperature	5		None
43	TERMN	Temperature	-15		None
43	GRADTP	Gradient2		8,33	None
43	GRADTN	Gradient2		-8,33	None
44	TERMP	Temperature	5		None
44	TERMN	Temperature	-15		None
44	GRADTP	Gradient2		8,33	None
44	GRADTN	Gradient2		-8,33	None
45	TERMP	Temperature	5		None
45	TERMN	Temperature	-15		None
45	GRADTP	Gradient2		8,33	None
45	GRADTN	Gradient2		-8,33	None
46	TERMP	Temperature	5		None
46	TERMN	Temperature	-15		None
46	GRADTP	Gradient2		8,33	None
46	GRADTN	Gradient2		-8,33	None
47	TERMP	Temperature	5		None
47	TERMN	Temperature	-15		None
47	GRADTP	Gradient2		8,33	None
47	GRADTN	Gradient2		-8,33	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
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

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
24	Rectangular	N.A.	fondazione	fondazione	Default
25	Rectangular	N.A.	piedritto	piedritto	Default
26	Rectangular	N.A.	piedritto	piedritto	Default
27	Rectangular	N.A.	piedritto	piedritto	Default
28	Rectangular	N.A.	piedritto	piedritto	Default
29	Rectangular	N.A.	piedritto	piedritto	Default
30	Rectangular	N.A.	piedritto	piedritto	Default
31	Rectangular	N.A.	piedritto	piedritto	Default
32	Rectangular	N.A.	piedritto	piedritto	Default
33	Rectangular	N.A.	piedritto	piedritto	Default
34	Rectangular	N.A.	piedritto	piedritto	Default
35	Rectangular	N.A.	piedritto	piedritto	Default
36	Rectangular	N.A.	piedritto	piedritto	Default
37	Rectangular	N.A.	piedritto	piedritto	Default
38	Rectangular	N.A.	piedritto	piedritto	Default
39	Rectangular	N.A.	piedritto	piedritto	Default
40	Rectangular	N.A.	piedritto	piedritto	Default
41	Rectangular	N.A.	soletta superiore	soletta superiore	Default
42	Rectangular	N.A.	soletta superiore	soletta superiore	Default
43	Rectangular	N.A.	soletta superiore	soletta superiore	Default
44	Rectangular	N.A.	soletta superiore	soletta superiore	Default
45	Rectangular	N.A.	soletta superiore	soletta superiore	Default
46	Rectangular	N.A.	soletta superiore	soletta superiore	Default
47	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	C25/30	Rectangular	0,7	1	0,7	0,064921
piedritto	C28/35	Rectangular	0,6	1	0,6	0,045078
soletta superiore	C28/35	Rectangular	0,6	1	0,6	0,045078

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	0,028583	0,058333	0	0,583333	0,583333	0,081667	0,116667
piedritto	0,018	0,05	0	0,5	0,5	0,06	0,1
soletta superiore	0,018	0,05	0	0,5	0,5	0,06	0,1

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

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

SectionName	Z33	Z22	R33	R22	ConcCol	ConcBeam	Color
	m3	m3	m	m			
fondazione	0,1225	0,175	0,202073	0,288675	Yes	No	Blue
piedritto	0,09	0,15	0,173205	0,288675	Yes	No	Yellow
soletta superiore	0,09	0,15	0,173205	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	TotalMass	FromFile	AMod	A2Mod	A3Mod	JMod
	KN	KN-s2/m					
fondazione	80,476	8,21	No	1	1	1	1
piedritto	188,944	19,27	No	1	1	1	1
soletta superiore	68,98	7,03	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	

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

SectionName	I2Mod	I3Mod	MMod	WMod	GUID
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 02/08/2018 15:07:46
piedritto	Added 02/08/2018 15:07:46
soletta superiore	Added 02/08/2018 15:07:46

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	0	0	0	Yes	0
2	GLOBAL	Cartesian	0,15	0	0	Yes	0,15
3	GLOBAL	Cartesian	0,3	0	0	Yes	0,3
4	GLOBAL	Cartesian	0,5	0	0	No	0,5
5	GLOBAL	Cartesian	0,7	0	0	No	0,7
6	GLOBAL	Cartesian	0,9	0	0	No	0,9
7	GLOBAL	Cartesian	1,1	0	0	No	1,1
8	GLOBAL	Cartesian	1,3	0	0	No	1,3
9	GLOBAL	Cartesian	1,5	0	0	No	1,5
10	GLOBAL	Cartesian	1,7	0	0	No	1,7
11	GLOBAL	Cartesian	1,9	0	0	No	1,9
12	GLOBAL	Cartesian	2,1	0	0	No	2,1
13	GLOBAL	Cartesian	2,3	0	0	No	2,3
14	GLOBAL	Cartesian	2,5	0	0	No	2,5
15	GLOBAL	Cartesian	2,7	0	0	No	2,7
16	GLOBAL	Cartesian	2,9	0	0	No	2,9
17	GLOBAL	Cartesian	3,1	0	0	No	3,1
18	GLOBAL	Cartesian	3,3	0	0	No	3,3
19	GLOBAL	Cartesian	3,5	0	0	No	3,5
20	GLOBAL	Cartesian	3,7	0	0	No	3,7
21	GLOBAL	Cartesian	3,9	0	0	No	3,9
22	GLOBAL	Cartesian	4,1	0	0	No	4,1
23	GLOBAL	Cartesian	4,3	0	0	Yes	4,3
24	GLOBAL	Cartesian	4,45	0	0	Yes	4,45
25	GLOBAL	Cartesian	4,6	0	0	Yes	4,6
26	GLOBAL	Cartesian	0	0	0,175	Yes	0
27	GLOBAL	Cartesian	4,6	0	0,175	Yes	4,6
28	GLOBAL	Cartesian	0	0	0,35	Yes	0
29	GLOBAL	Cartesian	4,6	0	0,35	Yes	4,6
30	GLOBAL	Cartesian	0	0	1,7625	No	0
31	GLOBAL	Cartesian	4,6	0	1,7625	No	4,6
32	GLOBAL	Cartesian	0	0	3,175	No	0
33	GLOBAL	Cartesian	4,6	0	3,175	No	4,6
34	GLOBAL	Cartesian	0	0	4,5875	No	0
35	GLOBAL	Cartesian	4,6	0	4,5875	No	4,6
36	GLOBAL	Cartesian	0	0	6	Yes	0
37	GLOBAL	Cartesian	4,6	0	6	Yes	4,6
38	GLOBAL	Cartesian	0	0	6,15	Yes	0
39	GLOBAL	Cartesian	4,6	0	6,15	Yes	4,6
40	GLOBAL	Cartesian	0	0	6,3	Yes	0
41	GLOBAL	Cartesian	0,15	0	6,3	Yes	0,15
42	GLOBAL	Cartesian	0,3	0	6,3	Yes	0,3
43	GLOBAL	Cartesian	1,63333	0	6,3	No	1,63333
44	GLOBAL	Cartesian	2,96667	0	6,3	No	2,96667
45	GLOBAL	Cartesian	4,3	0	6,3	Yes	4,3
46	GLOBAL	Cartesian	4,45	0	6,3	Yes	4,45
47	GLOBAL	Cartesian	4,6	0	6,3	Yes	4,6

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
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	1bbae384-ac77-4b69-b87f-06d09a65e691
14	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
15	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
16	0	0	1bbae384-ac77-4b69-b87f-06d09a65e691
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	cedd4787-57dd-476d-8dff-977358d20e67
26	0	0,175	1bbae384-ac77-4b69-b87f-06d09a65e691
27	0	0,175	1bbae384-ac77-4b69-b87f-06d09a65e691
28	0	0,35	1bbae384-ac77-4b69-b87f-06d09a65e691
29	0	0,35	1bbae384-ac77-4b69-b87f-06d09a65e691
30	0	1,7625	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
31	0	1,7625	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
32	0	3,175	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
33	0	3,175	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
34	0	4,5875	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
35	0	4,5875	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
36	0	6	1bbae384-ac77-4b69-b87f-06d09a65e691
37	0	6	1bbae384-ac77-4b69-b87f-06d09a65e691

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
38	0	6,15	1bbae384-ac77-4b69-b87f-06d09a65e691
39	0	6,15	1bbae384-ac77-4b69-b87f-06d09a65e691
40	0	6,3	cedd4787-57dd-476d-8dff-977358d20e67
41	0	6,3	1bbae384-ac77-4b69-b87f-06d09a65e691
42	0	6,3	1bbae384-ac77-4b69-b87f-06d09a65e691
43	0	6,3	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
44	0	6,3	6c7af7ce-2e13-4ae2-bbe3-be7892d04715
45	0	6,3	1bbae384-ac77-4b69-b87f-06d09a65e691
46	0	6,3	1bbae384-ac77-4b69-b87f-06d09a65e691
47	0	6,3	cedd4787-57dd-476d-8dff-977358d20e67

Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
1	PP	LinStatic	5,741E-07	0	-0,01488	0	-0,000151	0
1	REINTSUP	LinStatic	-6,4E-08	0	-0,002538	0	-4E-05	0
1	BALLAST	LinStatic	-7,385E-08	0	-0,002929	0	-4,6E-05	0
1	STERRASX	LinStatic	0,109576	0	0,035036	0	0,015563	0
1	STERRADX	LinStatic	-0,109559	0	-0,034838	0	-0,015304	0
1	TERMP	LinStatic	-1,196E-07	0	-7,598E-06	0	-9,94E-06	0
1	TERMN	LinStatic	3,588E-07	0	2,3E-05	0	3E-05	0
1	GRADTP	LinStatic	5,766E-07	0	1,5E-05	0	2E-05	0
1	GRADTN	LinStatic	-5,766E-07	0	-1,5E-05	0	-2E-05	0
1	LM71C	LinStatic	-3,154E-07	0	-0,012508	0	-0,000198	0
1	STLM71	LinStatic	0,057473	0	0,023656	0	0,010485	0
1	AVVLM71	LinStatic	0,020381	0	0,016737	0	0,00737	0
1	SW2	LinStatic	-2,628E-07	0	-0,010421	0	-0,000165	0
1	STSW2	LinStatic	0,047885	0	0,01971	0	0,008736	0
1	FRENSW2	LinStatic	0,021621	0	0,017755	0	0,007818	0
1	INCRTER	LinStatic	0,131492	0	0,054123	0	0,023988	0
1	LM71SISO	LinStatic	0,0077	0	0,006323	0	0,002784	0
1	SW2SISO	LinStatic	0,00642	0	0,005272	0	0,002322	0
1	SISMAO	LinStatic	0,045991	0	0,028415	0	0,012522	0
1	LM71SVA	LinStatic	9,795E-09	0	0,000388	0	6,154E-06	0
1	SW2SVA	LinStatic	8,154E-09	0	0,000323	0	5,123E-06	0
1	SISMAVA	LinStatic	-6,793E-08	0	0,002615	0	3,7E-05	0
1	LM71SVB	LinStatic	-9,795E-09	0	-0,000388	0	-6,154E-06	0
1	SW2SVB	LinStatic	-8,154E-09	0	-0,000323	0	-5,123E-06	0
1	SISMAVB	LinStatic	6,791E-08	0	-0,002616	0	-3,8E-05	0
2	PP	LinStatic	5,367E-07	0	-0,014854	0	-0,000156	0
2	REINTSUP	LinStatic	-5,983E-08	0	-0,002532	0	-4,1E-05	0
2	BALLAST	LinStatic	-6,903E-08	0	-0,002921	0	-4,7E-05	0
2	STERRASX	LinStatic	0,109574	0	0,032705	0	0,015519	0
2	STERRADX	LinStatic	-0,109559	0	-0,032544	0	-0,015277	0
2	TERMP	LinStatic	-1,118E-07	0	-6,156E-06	0	-9,29E-06	0
2	TERMN	LinStatic	3,354E-07	0	1,8E-05	0	2,8E-05	0
2	GRADTP	LinStatic	5,39E-07	0	1,2E-05	0	1,8E-05	0
2	GRADTN	LinStatic	-5,39E-07	0	-1,2E-05	0	-1,8E-05	0
2	LM71C	LinStatic	-2,948E-07	0	-0,012475	0	-0,000201	0
2	STLM71	LinStatic	0,057472	0	0,022085	0	0,010458	0
2	AVVLM71	LinStatic	0,020381	0	0,015632	0	0,007357	0
2	SW2	LinStatic	-2,456E-07	0	-0,010394	0	-0,000168	0
2	STSW2	LinStatic	0,047884	0	0,018401	0	0,008713	0
2	FRENSW2	LinStatic	0,021621	0	0,016583	0	0,007805	0
2	INCRTER	LinStatic	0,13149	0	0,050529	0	0,023927	0
2	LM71SISO	LinStatic	0,0077	0	0,005906	0	0,00278	0
2	SW2SISO	LinStatic	0,00642	0	0,004924	0	0,002318	0
2	SISMAO	LinStatic	0,045991	0	0,026537	0	0,012499	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
2	LM71SVA	LinStatic	9,156E-09	0	0,000387	0	6,258E-06	0
2	SW2SVA	LinStatic	7,622E-09	0	0,000323	0	5,209E-06	0
2	SISMAVA	LinStatic	-6,35E-08	0	0,002609	0	3,8E-05	0
2	LM71SVB	LinStatic	-9,156E-09	0	-0,000387	0	-6,258E-06	0
2	SW2SVB	LinStatic	-7,622E-09	0	-0,000323	0	-5,209E-06	0
2	SISMAVB	LinStatic	6,348E-08	0	-0,002609	0	-3,9E-05	0
3	PP	LinStatic	4,992E-07	0	-0,014829	0	-0,000158	0
3	REINTSUP	LinStatic	-5,565E-08	0	-0,002525	0	-4,1E-05	0
3	BALLAST	LinStatic	-6,421E-08	0	-0,002913	0	-4,7E-05	0
3	STERRASX	LinStatic	0,109573	0	0,03038	0	0,015475	0
3	STERRADX	LinStatic	-0,109558	0	-0,030254	0	-0,015249	0
3	TERMP	LinStatic	-1,04E-07	0	-4,811E-06	0	-8,639E-06	0
3	TERMN	LinStatic	3,12E-07	0	1,4E-05	0	2,6E-05	0
3	GRADTP	LinStatic	5,014E-07	0	9,571E-06	0	1,7E-05	0
3	GRADTN	LinStatic	-5,014E-07	0	-9,571E-06	0	-1,7E-05	0
3	LM71C	LinStatic	-2,742E-07	0	-0,012443	0	-0,000202	0
3	STLM71	LinStatic	0,057471	0	0,020518	0	0,010431	0
3	AVVLM71	LinStatic	0,020381	0	0,014529	0	0,007344	0
3	SW2	LinStatic	-2,285E-07	0	-0,010367	0	-0,000168	0
3	STSW2	LinStatic	0,047884	0	0,017095	0	0,008691	0
3	FRENSW2	LinStatic	0,021621	0	0,015413	0	0,00779	0
3	INCRTER	LinStatic	0,131489	0	0,046944	0	0,023865	0
3	LM71SISO	LinStatic	0,0077	0	0,005489	0	0,002775	0
3	SW2SISO	LinStatic	0,00642	0	0,004577	0	0,002313	0
3	SISMAO	LinStatic	0,045991	0	0,024664	0	0,012474	0
3	LM71SVA	LinStatic	8,517E-09	0	0,000386	0	6,259E-06	0
3	SW2SVA	LinStatic	7,09E-09	0	0,000322	0	5,211E-06	0
3	SISMAVA	LinStatic	-5,907E-08	0	0,002603	0	3,9E-05	0
3	LM71SVB	LinStatic	-8,517E-09	0	-0,000386	0	-6,259E-06	0
3	SW2SVB	LinStatic	-7,09E-09	0	-0,000322	0	-5,211E-06	0
3	SISMAVB	LinStatic	5,905E-08	0	-0,002603	0	-3,9E-05	0
4	PP	LinStatic	4,493E-07	0	-0,014794	0	-0,000156	0
4	REINTSUP	LinStatic	-5,009E-08	0	-0,002516	0	-4E-05	0
4	BALLAST	LinStatic	-5,779E-08	0	-0,002903	0	-4,6E-05	0
4	STERRASX	LinStatic	0,109571	0	0,027291	0	0,015416	0
4	STERRADX	LinStatic	-0,109558	0	-0,027209	0	-0,015213	0
4	TERMP	LinStatic	-9,359E-08	0	-3,17E-06	0	-7,772E-06	0
4	TERMN	LinStatic	2,808E-07	0	9,511E-06	0	2,3E-05	0
4	GRADTP	LinStatic	4,513E-07	0	6,307E-06	0	1,5E-05	0
4	GRADTN	LinStatic	-4,513E-07	0	-6,307E-06	0	-1,5E-05	0
4	LM71C	LinStatic	-2,468E-07	0	-0,0124	0	-0,000197	0
4	STLM71	LinStatic	0,057471	0	0,018436	0	0,010395	0
4	AVVLM71	LinStatic	0,02038	0	0,013062	0	0,007326	0
4	SW2	LinStatic	-2,056E-07	0	-0,010331	0	-0,000164	0
4	STSW2	LinStatic	0,047883	0	0,015361	0	0,008661	0
4	FRENSW2	LinStatic	0,02162	0	0,013857	0	0,007771	0
4	INCRTER	LinStatic	0,131487	0	0,04218	0	0,023782	0
4	LM71SISO	LinStatic	0,0077	0	0,004935	0	0,002768	0
4	SW2SISO	LinStatic	0,00642	0	0,004115	0	0,002308	0
4	SISMAO	LinStatic	0,04599	0	0,022172	0	0,012442	0
4	LM71SVA	LinStatic	7,666E-09	0	0,000385	0	6,115E-06	0
4	SW2SVA	LinStatic	6,381E-09	0	0,000321	0	5,09E-06	0
4	SISMAVA	LinStatic	-5,316E-08	0	0,002594	0	3,8E-05	0
4	LM71SVB	LinStatic	-7,666E-09	0	-0,000385	0	-6,115E-06	0
4	SW2SVB	LinStatic	-6,381E-09	0	-0,000321	0	-5,09E-06	0
4	SISMAVB	LinStatic	5,315E-08	0	-0,002595	0	-3,8E-05	0
5	PP	LinStatic	3,994E-07	0	-0,014761	0	-0,00015	0
5	REINTSUP	LinStatic	-4,452E-08	0	-0,002508	0	-3,8E-05	0
5	BALLAST	LinStatic	-5,137E-08	0	-0,002894	0	-4,4E-05	0
5	STERRASX	LinStatic	0,10957	0	0,024215	0	0,015359	0
5	STERRADX	LinStatic	-0,109558	0	-0,024171	0	-0,015179	0
5	TERMP	LinStatic	-8,319E-08	0	-1,703E-06	0	-6,906E-06	0
5	TERMN	LinStatic	2,496E-07	0	5,108E-06	0	2,1E-05	0
5	GRADTP	LinStatic	4,011E-07	0	3,388E-06	0	1,4E-05	0
5	GRADTN	LinStatic	-4,011E-07	0	-3,388E-06	0	-1,4E-05	0
5	LM71C	LinStatic	-2,194E-07	0	-0,012358	0	-0,000187	0
5	STLM71	LinStatic	0,05747	0	0,016362	0	0,010359	0
5	AVVLM71	LinStatic	0,02038	0	0,011599	0	0,007308	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
5	SW2	LinStatic	-1,828E-07	0	-0,010297	0	-0,000156	0
5	STSW2	LinStatic	0,047882	0	0,013632	0	0,008631	0
5	FRENSW2	LinStatic	0,02162	0	0,012305	0	0,007753	0
5	INCRTER	LinStatic	0,131485	0	0,037433	0	0,023701	0
5	LM71SISO	LinStatic	0,0077	0	0,004382	0	0,002761	0
5	SW2SISO	LinStatic	0,00642	0	0,003654	0	0,002302	0
5	SISMAO	LinStatic	0,04599	0	0,019688	0	0,01241	0
5	LM71SVA	LinStatic	6,814E-09	0	0,000384	0	5,818E-06	0
5	SW2SVA	LinStatic	5,672E-09	0	0,00032	0	4,843E-06	0
5	SISMAVA	LinStatic	-4,725E-08	0	0,002586	0	3,7E-05	0
5	LM71SVB	LinStatic	-6,814E-09	0	-0,000384	0	-5,818E-06	0
5	SW2SVB	LinStatic	-5,672E-09	0	-0,00032	0	-4,843E-06	0
5	SISMAVB	LinStatic	4,724E-08	0	-0,002586	0	-3,7E-05	0
6	PP	LinStatic	3,495E-07	0	-0,01473	0	-0,00014	0
6	REINTSUP	LinStatic	-3,896E-08	0	-0,0025	0	-3,5E-05	0
6	BALLAST	LinStatic	-4,495E-08	0	-0,002885	0	-4,1E-05	0
6	STERRASX	LinStatic	0,109568	0	0,021151	0	0,015304	0
6	STERRADX	LinStatic	-0,109558	0	-0,02114	0	-0,015147	0
6	TERMP	LinStatic	-7,279E-08	0	-4,086E-07	0	-6,041E-06	0
6	TERMN	LinStatic	2,184E-07	0	1,226E-06	0	1,8E-05	0
6	GRADTP	LinStatic	3,51E-07	0	8,128E-07	0	1,2E-05	0
6	GRADTN	LinStatic	-3,51E-07	0	-8,128E-07	0	-1,2E-05	0
6	LM71C	LinStatic	-1,92E-07	0	-0,01232	0	-0,000173	0
6	STLM71	LinStatic	0,057469	0	0,014294	0	0,010326	0
6	AVVLM71	LinStatic	0,02038	0	0,01014	0	0,007291	0
6	SW2	LinStatic	-1,599E-07	0	-0,010264	0	-0,000144	0
6	STSW2	LinStatic	0,047882	0	0,01191	0	0,008603	0
6	FRENSW2	LinStatic	0,02162	0	0,010756	0	0,007735	0
6	INCRTER	LinStatic	0,131483	0	0,032704	0	0,023625	0
6	LM71SISO	LinStatic	0,0077	0	0,003831	0	0,002755	0
6	SW2SISO	LinStatic	0,00642	0	0,003194	0	0,002297	0
6	SISMAO	LinStatic	0,04599	0	0,01721	0	0,01238	0
6	LM71SVA	LinStatic	5,962E-09	0	0,000383	0	5,386E-06	0
6	SW2SVA	LinStatic	4,963E-09	0	0,000319	0	4,483E-06	0
6	SISMAVA	LinStatic	-4,135E-08	0	0,002579	0	3,4E-05	0
6	LM71SVB	LinStatic	-5,962E-09	0	-0,000383	0	-5,386E-06	0
6	SW2SVB	LinStatic	-4,963E-09	0	-0,000319	0	-4,483E-06	0
6	SISMAVB	LinStatic	4,134E-08	0	-0,002579	0	-3,4E-05	0
7	PP	LinStatic	2,995E-07	0	-0,014701	0	-0,000127	0
7	REINTSUP	LinStatic	-3,339E-08	0	-0,002493	0	-3,2E-05	0
7	BALLAST	LinStatic	-3,853E-08	0	-0,002876	0	-3,6E-05	0
7	STERRASX	LinStatic	0,109567	0	0,018098	0	0,015254	0
7	STERRADX	LinStatic	-0,109558	0	-0,018116	0	-0,015118	0
7	TERMP	LinStatic	-6,239E-08	0	7,127E-07	0	-5,176E-06	0
7	TERMN	LinStatic	1,872E-07	0	-2,138E-06	0	1,6E-05	0
7	GRADTP	LinStatic	3,009E-07	0	-1,418E-06	0	1E-05	0
7	GRADTN	LinStatic	-3,009E-07	0	1,418E-06	0	-1E-05	0
7	LM71C	LinStatic	-1,645E-07	0	-0,012285	0	-0,000156	0
7	STLM71	LinStatic	0,057469	0	0,012234	0	0,010295	0
7	AVVLM71	LinStatic	0,02038	0	0,008684	0	0,007275	0
7	SW2	LinStatic	-1,371E-07	0	-0,010235	0	-0,00013	0
7	STSW2	LinStatic	0,047881	0	0,010193	0	0,008577	0
7	FRENSW2	LinStatic	0,02162	0	0,009212	0	0,007718	0
7	INCRTER	LinStatic	0,131482	0	0,02799	0	0,023553	0
7	LM71SISO	LinStatic	0,0077	0	0,003281	0	0,002749	0
7	SW2SISO	LinStatic	0,00642	0	0,002736	0	0,002292	0
7	SISMAO	LinStatic	0,045989	0	0,014739	0	0,012352	0
7	LM71SVA	LinStatic	5,11E-09	0	0,000382	0	4,835E-06	0
7	SW2SVA	LinStatic	4,254E-09	0	0,000318	0	4,025E-06	0
7	SISMAVA	LinStatic	-3,544E-08	0	0,002572	0	3,1E-05	0
7	LM71SVB	LinStatic	-5,11E-09	0	-0,000382	0	-4,835E-06	0
7	SW2SVB	LinStatic	-4,254E-09	0	-0,000318	0	-4,025E-06	0
7	SISMAVB	LinStatic	3,543E-08	0	-0,002572	0	-3,1E-05	0
8	PP	LinStatic	2,496E-07	0	-0,014676	0	-0,00011	0
8	REINTSUP	LinStatic	-2,783E-08	0	-0,002487	0	-2,7E-05	0
8	BALLAST	LinStatic	-3,211E-08	0	-0,002869	0	-3,2E-05	0
8	STERRASX	LinStatic	0,109566	0	0,015055	0	0,015207	0
8	STERRADX	LinStatic	-0,109558	0	-0,015098	0	-0,015095	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
8	TERMP	LinStatic	-5,199E-08	0	1,661E-06	0	-4,312E-06	0
8	TERMN	LinStatic	1,56E-07	0	-4,983E-06	0	1,3E-05	0
8	GRADTP	LinStatic	2,507E-07	0	-3,305E-06	0	8,578E-06	0
8	GRADTN	LinStatic	-2,507E-07	0	3,305E-06	0	-8,578E-06	0
8	LM71C	LinStatic	-1,371E-07	0	-0,012254	0	-0,000135	0
8	STLM71	LinStatic	0,057468	0	0,01018	0	0,010267	0
8	AVVLM71	LinStatic	0,02038	0	0,007231	0	0,007261	0
8	SW2	LinStatic	-1,142E-07	0	-0,01021	0	-0,000112	0
8	STSW2	LinStatic	0,047881	0	0,008481	0	0,008554	0
8	FRENSW2	LinStatic	0,02162	0	0,007671	0	0,007703	0
8	INCRTER	LinStatic	0,131481	0	0,02329	0	0,023489	0
8	LM71SISO	LinStatic	0,0077	0	0,002732	0	0,002744	0
8	SW2SISO	LinStatic	0,00642	0	0,002278	0	0,002287	0
8	SISMAO	LinStatic	0,045989	0	0,012273	0	0,012327	0
8	LM71SVA	LinStatic	4,259E-09	0	0,000381	0	4,184E-06	0
8	SW2SVA	LinStatic	3,545E-09	0	0,000317	0	3,483E-06	0
8	SISMAVA	LinStatic	-2,953E-08	0	0,002566	0	2,7E-05	0
8	LM71SVB	LinStatic	-4,259E-09	0	-0,000381	0	-4,184E-06	0
8	SW2SVB	LinStatic	-3,545E-09	0	-0,000317	0	-3,483E-06	0
8	SISMAVB	LinStatic	2,953E-08	0	-0,002566	0	-2,7E-05	0
9	PP	LinStatic	1,997E-07	0	-0,014655	0	-9,1E-05	0
9	REINTSUP	LinStatic	-2,226E-08	0	-0,002481	0	-2,3E-05	0
9	BALLAST	LinStatic	-2,569E-08	0	-0,002863	0	-2,6E-05	0
9	STERRASX	LinStatic	0,109564	0	0,012021	0	0,015167	0
9	STERRADX	LinStatic	-0,109559	0	-0,012084	0	-0,015077	0
9	TERMP	LinStatic	-4,16E-08	0	2,437E-06	0	-3,449E-06	0
9	TERMN	LinStatic	1,248E-07	0	-7,31E-06	0	1E-05	0
9	GRADTP	LinStatic	2,006E-07	0	-4,848E-06	0	6,861E-06	0
9	GRADTN	LinStatic	-2,006E-07	0	4,848E-06	0	-6,861E-06	0
9	LM71C	LinStatic	-1,097E-07	0	-0,012228	0	-0,000111	0
9	STLM71	LinStatic	0,057467	0	0,008131	0	0,010242	0
9	AVVLM71	LinStatic	0,02038	0	0,005782	0	0,00725	0
9	SW2	LinStatic	-9,14E-08	0	-0,010188	0	-9,3E-05	0
9	STSW2	LinStatic	0,04788	0	0,006775	0	0,008533	0
9	FRENSW2	LinStatic	0,02162	0	0,006133	0	0,007691	0
9	INCRTER	LinStatic	0,131479	0	0,018603	0	0,023432	0
9	LM71SISO	LinStatic	0,0077	0	0,002184	0	0,002739	0
9	SW2SISO	LinStatic	0,00642	0	0,001821	0	0,002284	0
9	SISMAO	LinStatic	0,045989	0	0,009812	0	0,012305	0
9	LM71SVA	LinStatic	3,407E-09	0	0,00038	0	3,448E-06	0
9	SW2SVA	LinStatic	2,836E-09	0	0,000316	0	2,87E-06	0
9	SISMAVA	LinStatic	-2,363E-08	0	0,00256	0	2,2E-05	0
9	LM71SVB	LinStatic	-3,407E-09	0	-0,00038	0	-3,448E-06	0
9	SW2SVB	LinStatic	-2,836E-09	0	-0,000316	0	-2,87E-06	0
9	SISMAVB	LinStatic	2,362E-08	0	-0,00256	0	-2,2E-05	0
10	PP	LinStatic	1,498E-07	0	-0,014637	0	-7E-05	0
10	REINTSUP	LinStatic	-1,67E-08	0	-0,002477	0	-1,7E-05	0
10	BALLAST	LinStatic	-1,926E-08	0	-0,002858	0	-2E-05	0
10	STERRASX	LinStatic	0,109563	0	0,008995	0	0,015132	0
10	STERRADX	LinStatic	-0,109559	0	-0,009074	0	-0,015064	0
10	TERMP	LinStatic	-3,12E-08	0	3,04E-06	0	-2,586E-06	0
10	TERMN	LinStatic	9,359E-08	0	-9,12E-06	0	7,758E-06	0
10	GRADTP	LinStatic	1,504E-07	0	-6,048E-06	0	5,145E-06	0
10	GRADTN	LinStatic	-1,504E-07	0	6,048E-06	0	-5,145E-06	0
10	LM71C	LinStatic	-8,227E-08	0	-0,012207	0	-8,5E-05	0
10	STLM71	LinStatic	0,057467	0	0,006087	0	0,010221	0
10	AVVLM71	LinStatic	0,02038	0	0,004334	0	0,00724	0
10	SW2	LinStatic	-6,855E-08	0	-0,010171	0	-7,1E-05	0
10	STSW2	LinStatic	0,04788	0	0,005072	0	0,008516	0
10	FRENSW2	LinStatic	0,02162	0	0,004598	0	0,007681	0
10	INCRTER	LinStatic	0,131478	0	0,013927	0	0,023384	0
10	LM71SISO	LinStatic	0,0077	0	0,001637	0	0,002735	0
10	SW2SISO	LinStatic	0,00642	0	0,001365	0	0,002281	0
10	SISMAO	LinStatic	0,045989	0	0,007355	0	0,012289	0
10	LM71SVA	LinStatic	2,555E-09	0	0,000379	0	2,645E-06	0
10	SW2SVA	LinStatic	2,127E-09	0	0,000316	0	2,202E-06	0
10	SISMAVA	LinStatic	-1,772E-08	0	0,002556	0	1,7E-05	0
10	LM71SVB	LinStatic	-2,555E-09	0	-0,000379	0	-2,645E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
10	SW2SVB	LinStatic	-2,127E-09	0	-0,000316	0	-2,202E-06	0
10	SISMAVB	LinStatic	1,772E-08	0	-0,002556	0	-1,7E-05	0
11	PP	LinStatic	9,985E-08	0	-0,014625	0	-4,7E-05	0
11	REINTSUP	LinStatic	-1,113E-08	0	-0,002474	0	-1,2E-05	0
11	BALLAST	LinStatic	-1,284E-08	0	-0,002855	0	-1,4E-05	0
11	STERRASX	LinStatic	0,109562	0	0,005975	0	0,015103	0
11	STERRADX	LinStatic	-0,10956	0	-0,006066	0	-0,015058	0
11	TERMP	LinStatic	-2,08E-08	0	3,471E-06	0	-1,724E-06	0
11	TERMN	LinStatic	6,239E-08	0	-1E-05	0	5,171E-06	0
11	GRADTP	LinStatic	1,003E-07	0	-6,904E-06	0	3,429E-06	0
11	GRADTN	LinStatic	-1,003E-07	0	6,904E-06	0	-3,429E-06	0
11	LM71C	LinStatic	-5,485E-08	0	-0,012192	0	-5,8E-05	0
11	STLM71	LinStatic	0,057467	0	0,004047	0	0,010204	0
11	AVVLM71	LinStatic	0,02038	0	0,002888	0	0,007233	0
11	SW2	LinStatic	-4,57E-08	0	-0,010158	0	-4,8E-05	0
11	STSW2	LinStatic	0,04788	0	0,003372	0	0,008502	0
11	FRENSW2	LinStatic	0,02162	0	0,003064	0	0,007673	0
11	INCRTER	LinStatic	0,131477	0	0,00926	0	0,023346	0
11	LM71SISO	LinStatic	0,0077	0	0,001091	0	0,002733	0
11	SW2SISO	LinStatic	0,00642	0	0,00091	0	0,002279	0
11	SISMAO	LinStatic	0,045989	0	0,004902	0	0,012276	0
11	LM71SVA	LinStatic	1,703E-09	0	0,000379	0	1,791E-06	0
11	SW2SVA	LinStatic	1,418E-09	0	0,000315	0	1,491E-06	0
11	SISMAVA	LinStatic	-1,181E-08	0	0,002553	0	1,2E-05	0
11	LM71SVB	LinStatic	-1,703E-09	0	-0,000379	0	-1,791E-06	0
11	SW2SVB	LinStatic	-1,418E-09	0	-0,000315	0	-1,491E-06	0
11	SISMAVB	LinStatic	1,181E-08	0	-0,002553	0	-1,2E-05	0
12	PP	LinStatic	4,992E-08	0	-0,014617	0	-2,4E-05	0
12	REINTSUP	LinStatic	-5,565E-09	0	-0,002472	0	-5,907E-06	0
12	BALLAST	LinStatic	-6,421E-09	0	-0,002853	0	-6,816E-06	0
12	STERRASX	LinStatic	0,109562	0	0,002961	0	0,015082	0
12	STERRADX	LinStatic	-0,10956	0	-0,003058	0	-0,015059	0
12	TERMP	LinStatic	-1,04E-08	0	3,729E-06	0	-8,618E-07	0
12	TERMN	LinStatic	3,12E-08	0	-1,1E-05	0	2,585E-06	0
12	GRADTP	LinStatic	5,014E-08	0	-7,418E-06	0	1,714E-06	0
12	GRADTN	LinStatic	-5,014E-08	0	7,418E-06	0	-1,714E-06	0
12	LM71C	LinStatic	-2,742E-08	0	-0,012183	0	-2,9E-05	0
12	STLM71	LinStatic	0,057466	0	0,00201	0	0,010192	0
12	AVVLM71	LinStatic	0,02038	0	0,001444	0	0,007229	0
12	SW2	LinStatic	-2,285E-08	0	-0,01015	0	-2,4E-05	0
12	STSW2	LinStatic	0,047879	0	0,001675	0	0,008492	0
12	FRENSW2	LinStatic	0,02162	0	0,001532	0	0,007669	0
12	INCRTER	LinStatic	0,131476	0	0,0046	0	0,023318	0
12	LM71SISO	LinStatic	0,0077	0	0,000546	0	0,002731	0
12	SW2SISO	LinStatic	0,00642	0	0,000455	0	0,002277	0
12	SISMAO	LinStatic	0,045989	0	0,00245	0	0,012269	0
12	LM71SVA	LinStatic	8,517E-10	0	0,000378	0	9,041E-07	0
12	SW2SVA	LinStatic	7,09E-10	0	0,000315	0	7,526E-07	0
12	SISMAVA	LinStatic	-5,907E-09	0	0,002551	0	6,228E-06	0
12	LM71SVB	LinStatic	-8,517E-10	0	-0,000378	0	-9,041E-07	0
12	SW2SVB	LinStatic	-7,09E-10	0	-0,000315	0	-7,526E-07	0
12	SISMAVB	LinStatic	5,905E-09	0	-0,002551	0	-6,511E-06	0
13	PP	LinStatic	2,543E-16	0	-0,014615	0	-5,56E-14	0
13	REINTSUP	LinStatic	-4,904E-17	0	-0,002472	0	-9,497E-15	0
13	BALLAST	LinStatic	-5,621E-17	0	-0,002852	0	-1,096E-14	0
13	STERRASX	LinStatic	0,109561	0	-5E-05	0	0,015067	0
13	STERRADX	LinStatic	-0,109561	0	-5E-05	0	-0,015067	0
13	TERMP	LinStatic	-3,323E-16	0	3,815E-06	0	-1,289E-16	0
13	TERMN	LinStatic	1,346E-15	0	-1,1E-05	0	5,081E-16	0
13	GRADTP	LinStatic	1,899E-16	0	-7,59E-06	0	8,204E-17	0
13	GRADTN	LinStatic	-1,899E-16	0	7,59E-06	0	-8,204E-17	0
13	LM71C	LinStatic	-2,419E-16	0	-0,01218	0	-4,68E-14	0
13	STLM71	LinStatic	0,057466	0	-2,4E-05	0	0,010184	0
13	AVVLM71	LinStatic	0,02038	0	4,755E-14	0	0,007227	0
13	SW2	LinStatic	-2,021E-16	0	-0,010148	0	-3,899E-14	0
13	STSW2	LinStatic	0,047879	0	-2E-05	0	0,008485	0
13	FRENSW2	LinStatic	0,02162	0	5,045E-14	0	0,007667	0
13	INCRTER	LinStatic	0,131476	0	-5,6E-05	0	0,0233	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
13	LM71SISO	LinStatic	0,0077	0	1,797E-14	0	0,002731	0
13	SW2SISO	LinStatic	0,00642	0	1,498E-14	0	0,002277	0
13	SISMAO	LinStatic	0,045989	0	8,065E-14	0	0,012266	0
13	LM71SVA	LinStatic	7,552E-18	0	0,000378	0	1,453E-15	0
13	SW2SVA	LinStatic	6,173E-18	0	0,000315	0	1,21E-15	0
13	SISMAVA	LinStatic	1,055E-16	0	0,002551	0	5,344E-07	0
13	LM71SVB	LinStatic	-7,552E-18	0	-0,000378	0	-1,453E-15	0
13	SW2SVB	LinStatic	-6,173E-18	0	-0,000315	0	-1,21E-15	0
13	SISMAVB	LinStatic	-1,583E-16	0	-0,00255	0	-8,177E-07	0
14	PP	LinStatic	-4,992E-08	0	-0,014617	0	2,4E-05	0
14	REINTSUP	LinStatic	5,565E-09	0	-0,002472	0	5,907E-06	0
14	BALLAST	LinStatic	6,421E-09	0	-0,002853	0	6,816E-06	0
14	STERRASX	LinStatic	0,10956	0	-0,003058	0	0,015059	0
14	STERRADX	LinStatic	-0,109562	0	0,002961	0	-0,015082	0
14	TERMP	LinStatic	1,04E-08	0	3,729E-06	0	8,618E-07	0
14	TERMN	LinStatic	-3,12E-08	0	-1,1E-05	0	-2,585E-06	0
14	GRADTP	LinStatic	-5,014E-08	0	-7,418E-06	0	-1,714E-06	0
14	GRADTN	LinStatic	5,014E-08	0	7,418E-06	0	1,714E-06	0
14	LM71C	LinStatic	2,742E-08	0	-0,012183	0	2,9E-05	0
14	STLM71	LinStatic	0,057466	0	-0,002058	0	0,010181	0
14	AVVLM71	LinStatic	0,02038	0	-0,001444	0	0,007229	0
14	SW2	LinStatic	2,285E-08	0	-0,01015	0	2,4E-05	0
14	STSW2	LinStatic	0,047879	0	-0,001715	0	0,008482	0
14	FRENSW2	LinStatic	0,02162	0	-0,001532	0	0,007669	0
14	INCRTER	LinStatic	0,131475	0	-0,004709	0	0,023293	0
14	LM71SISO	LinStatic	0,0077	0	-0,000546	0	0,002731	0
14	SW2SISO	LinStatic	0,00642	0	-0,000455	0	0,002277	0
14	SISMAO	LinStatic	0,045989	0	-0,00245	0	0,012269	0
14	LM71SVA	LinStatic	-8,517E-10	0	0,000378	0	-9,041E-07	0
14	SW2SVA	LinStatic	-7,09E-10	0	0,000315	0	-7,526E-07	0
14	SISMAVA	LinStatic	5,907E-09	0	0,002551	0	-5,159E-06	0
14	LM71SVB	LinStatic	8,517E-10	0	-0,000378	0	9,041E-07	0
14	SW2SVB	LinStatic	7,09E-10	0	-0,000315	0	7,526E-07	0
14	SISMAVB	LinStatic	-5,905E-09	0	-0,002551	0	4,875E-06	0
15	PP	LinStatic	-9,985E-08	0	-0,014625	0	4,7E-05	0
15	REINTSUP	LinStatic	1,113E-08	0	-0,002474	0	1,2E-05	0
15	BALLAST	LinStatic	1,284E-08	0	-0,002855	0	1,4E-05	0
15	STERRASX	LinStatic	0,10956	0	-0,006066	0	0,015058	0
15	STERRADX	LinStatic	-0,109562	0	0,005975	0	-0,015103	0
15	TERMP	LinStatic	2,08E-08	0	3,471E-06	0	1,724E-06	0
15	TERMN	LinStatic	-6,239E-08	0	-1E-05	0	-5,171E-06	0
15	GRADTP	LinStatic	-1,003E-07	0	-6,904E-06	0	-3,429E-06	0
15	GRADTN	LinStatic	1,003E-07	0	6,904E-06	0	3,429E-06	0
15	LM71C	LinStatic	5,485E-08	0	-0,012192	0	5,8E-05	0
15	STLM71	LinStatic	0,057465	0	-0,004092	0	0,010182	0
15	AVVLM71	LinStatic	0,02038	0	-0,002888	0	0,007233	0
15	SW2	LinStatic	4,57E-08	0	-0,010158	0	4,8E-05	0
15	STSW2	LinStatic	0,047879	0	-0,003409	0	0,008483	0
15	FRENSW2	LinStatic	0,02162	0	-0,003064	0	0,007673	0
15	INCRTER	LinStatic	0,131474	0	-0,009361	0	0,023296	0
15	LM71SISO	LinStatic	0,0077	0	-0,001091	0	0,002733	0
15	SW2SISO	LinStatic	0,00642	0	-0,00091	0	0,002279	0
15	SISMAO	LinStatic	0,045989	0	-0,004902	0	0,012276	0
15	LM71SVA	LinStatic	-1,703E-09	0	0,000379	0	-1,791E-06	0
15	SW2SVA	LinStatic	-1,418E-09	0	0,000315	0	-1,491E-06	0
15	SISMAVA	LinStatic	1,181E-08	0	0,002553	0	-1,1E-05	0
15	LM71SVB	LinStatic	1,703E-09	0	-0,000379	0	1,791E-06	0
15	SW2SVB	LinStatic	1,418E-09	0	-0,000315	0	1,491E-06	0
15	SISMAVB	LinStatic	-1,181E-08	0	-0,002552	0	1E-05	0
16	PP	LinStatic	-1,498E-07	0	-0,014637	0	7E-05	0
16	REINTSUP	LinStatic	1,67E-08	0	-0,002477	0	1,7E-05	0
16	BALLAST	LinStatic	1,926E-08	0	-0,002858	0	2E-05	0
16	STERRASX	LinStatic	0,109559	0	-0,009074	0	0,015064	0
16	STERRADX	LinStatic	-0,109563	0	0,008995	0	-0,015132	0
16	TERMP	LinStatic	3,12E-08	0	3,04E-06	0	2,586E-06	0
16	TERMN	LinStatic	-9,359E-08	0	-9,12E-06	0	-7,758E-06	0
16	GRADTP	LinStatic	-1,504E-07	0	-6,048E-06	0	-5,145E-06	0
16	GRADTN	LinStatic	1,504E-07	0	6,048E-06	0	5,145E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
16	LM71C	LinStatic	8,227E-08	0	-0,012207	0	8,5E-05	0
16	STLM71	LinStatic	0,057465	0	-0,006126	0	0,010188	0
16	AVVLM71	LinStatic	0,02038	0	-0,004334	0	0,00724	0
16	SW2	LinStatic	6,855E-08	0	-0,010171	0	7,1E-05	0
16	STSW2	LinStatic	0,047878	0	-0,005104	0	0,008488	0
16	FRENSW2	LinStatic	0,02162	0	-0,004598	0	0,007681	0
16	INCRTER	LinStatic	0,131474	0	-0,014016	0	0,023309	0
16	LM71SISO	LinStatic	0,0077	0	-0,001637	0	0,002735	0
16	SW2SISO	LinStatic	0,00642	0	-0,001365	0	0,002281	0
16	SISMAO	LinStatic	0,045989	0	-0,007355	0	0,012289	0
16	LM71SVA	LinStatic	-2,555E-09	0	0,000379	0	-2,645E-06	0
16	SW2SVA	LinStatic	-2,127E-09	0	0,000316	0	-2,202E-06	0
16	SISMAVA	LinStatic	1,772E-08	0	0,002556	0	-1,6E-05	0
16	LM71SVB	LinStatic	2,555E-09	0	-0,000379	0	2,645E-06	0
16	SW2SVB	LinStatic	2,127E-09	0	-0,000316	0	2,202E-06	0
16	SISMAVB	LinStatic	-1,772E-08	0	-0,002555	0	1,6E-05	0
17	PP	LinStatic	-1,997E-07	0	-0,014655	0	9,1E-05	0
17	REINTSUP	LinStatic	2,226E-08	0	-0,002481	0	2,3E-05	0
17	BALLAST	LinStatic	2,569E-08	0	-0,002863	0	2,6E-05	0
17	STERRASX	LinStatic	0,109559	0	-0,012084	0	0,015077	0
17	STERRADX	LinStatic	-0,109564	0	0,012021	0	-0,015167	0
17	TERMP	LinStatic	4,16E-08	0	2,437E-06	0	3,449E-06	0
17	TERMN	LinStatic	-1,248E-07	0	-7,31E-06	0	-1E-05	0
17	GRADTP	LinStatic	-2,006E-07	0	-4,848E-06	0	-6,861E-06	0
17	GRADTN	LinStatic	2,006E-07	0	4,848E-06	0	6,861E-06	0
17	LM71C	LinStatic	1,097E-07	0	-0,012228	0	0,000111	0
17	STLM71	LinStatic	0,057465	0	-0,008162	0	0,010198	0
17	AVVLM71	LinStatic	0,02038	0	-0,005782	0	0,00725	0
17	SW2	LinStatic	9,14E-08	0	-0,010188	0	9,3E-05	0
17	STSW2	LinStatic	0,047878	0	-0,006801	0	0,008496	0
17	FRENSW2	LinStatic	0,02162	0	-0,006133	0	0,007691	0
17	INCRTER	LinStatic	0,131474	0	-0,018674	0	0,023331	0
17	LM71SISO	LinStatic	0,0077	0	-0,002184	0	0,002739	0
17	SW2SISO	LinStatic	0,00642	0	-0,001821	0	0,002284	0
17	SISMAO	LinStatic	0,045989	0	-0,009812	0	0,012305	0
17	LM71SVA	LinStatic	-3,407E-09	0	0,00038	0	-3,448E-06	0
17	SW2SVA	LinStatic	-2,836E-09	0	0,000316	0	-2,87E-06	0
17	SISMAVA	LinStatic	2,363E-08	0	0,00256	0	-2,1E-05	0
17	LM71SVB	LinStatic	3,407E-09	0	-0,00038	0	3,448E-06	0
17	SW2SVB	LinStatic	2,836E-09	0	-0,000316	0	2,87E-06	0
17	SISMAVB	LinStatic	-2,362E-08	0	-0,002559	0	2,1E-05	0
18	PP	LinStatic	-2,496E-07	0	-0,014676	0	0,00011	0
18	REINTSUP	LinStatic	2,783E-08	0	-0,002487	0	2,7E-05	0
18	BALLAST	LinStatic	3,211E-08	0	-0,002869	0	3,2E-05	0
18	STERRASX	LinStatic	0,109558	0	-0,015098	0	0,015095	0
18	STERRADX	LinStatic	-0,109566	0	0,015055	0	-0,015207	0
18	TERMP	LinStatic	5,199E-08	0	1,661E-06	0	4,312E-06	0
18	TERMN	LinStatic	-1,56E-07	0	-4,983E-06	0	-1,3E-05	0
18	GRADTP	LinStatic	-2,507E-07	0	-3,305E-06	0	-8,578E-06	0
18	GRADTN	LinStatic	2,507E-07	0	3,305E-06	0	8,578E-06	0
18	LM71C	LinStatic	1,371E-07	0	-0,012254	0	0,000135	0
18	STLM71	LinStatic	0,057465	0	-0,010201	0	0,010211	0
18	AVVLM71	LinStatic	0,02038	0	-0,007231	0	0,007261	0
18	SW2	LinStatic	1,142E-07	0	-0,01021	0	0,000112	0
18	STSW2	LinStatic	0,047878	0	-0,008499	0	0,008508	0
18	FRENSW2	LinStatic	0,02162	0	-0,007671	0	0,007703	0
18	INCRTER	LinStatic	0,131474	0	-0,023338	0	0,023363	0
18	LM71SISO	LinStatic	0,0077	0	-0,002732	0	0,002744	0
18	SW2SISO	LinStatic	0,00642	0	-0,002278	0	0,002287	0
18	SISMAO	LinStatic	0,045989	0	-0,012273	0	0,012327	0
18	LM71SVA	LinStatic	-4,259E-09	0	0,000381	0	-4,184E-06	0
18	SW2SVA	LinStatic	-3,545E-09	0	0,000317	0	-3,483E-06	0
18	SISMAVA	LinStatic	2,953E-08	0	0,002565	0	-2,6E-05	0
18	LM71SVB	LinStatic	4,259E-09	0	-0,000381	0	4,184E-06	0
18	SW2SVB	LinStatic	3,545E-09	0	-0,000317	0	3,483E-06	0
18	SISMAVB	LinStatic	-2,953E-08	0	-0,002564	0	2,5E-05	0
19	PP	LinStatic	-2,995E-07	0	-0,014701	0	0,000127	0
19	REINTSUP	LinStatic	3,339E-08	0	-0,002493	0	3,2E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
19	BALLAST	LinStatic	3,853E-08	0	-0,002876	0	3,6E-05	0
19	STERRASX	LinStatic	0,109558	0	-0,018116	0	0,015118	0
19	STERRADX	LinStatic	-0,109567	0	0,018098	0	-0,015254	0
19	TERMP	LinStatic	6,239E-08	0	7,127E-07	0	5,176E-06	0
19	TERMN	LinStatic	-1,872E-07	0	-2,138E-06	0	-1,6E-05	0
19	GRADTP	LinStatic	-3,009E-07	0	-1,418E-06	0	-1E-05	0
19	GRADTN	LinStatic	3,009E-07	0	1,418E-06	0	1E-05	0
19	LM71C	LinStatic	1,645E-07	0	-0,012285	0	0,000156	0
19	STLM71	LinStatic	0,057465	0	-0,012243	0	0,010229	0
19	AVVLM71	LinStatic	0,02038	0	-0,008684	0	0,007275	0
19	SW2	LinStatic	1,371E-07	0	-0,010235	0	0,00013	0
19	STSW2	LinStatic	0,047878	0	-0,0102	0	0,008522	0
19	FRENSW2	LinStatic	0,02162	0	-0,009212	0	0,007718	0
19	INCRTER	LinStatic	0,131474	0	-0,02801	0	0,023402	0
19	LM71SISO	LinStatic	0,0077	0	-0,003281	0	0,002749	0
19	SW2SISO	LinStatic	0,00642	0	-0,002736	0	0,002292	0
19	SISMAO	LinStatic	0,045989	0	-0,014739	0	0,012352	0
19	LM71SVA	LinStatic	-5,11E-09	0	0,000382	0	-4,835E-06	0
19	SW2SVA	LinStatic	-4,254E-09	0	0,000318	0	-4,025E-06	0
19	SISMAVA	LinStatic	3,544E-08	0	0,00257	0	-3E-05	0
19	LM71SVB	LinStatic	5,11E-09	0	-0,000382	0	4,835E-06	0
19	SW2SVB	LinStatic	4,254E-09	0	-0,000318	0	4,025E-06	0
19	SISMAVB	LinStatic	-3,543E-08	0	-0,00257	0	2,9E-05	0
20	PP	LinStatic	-3,495E-07	0	-0,01473	0	0,00014	0
20	REINTSUP	LinStatic	3,896E-08	0	-0,0025	0	3,5E-05	0
20	BALLAST	LinStatic	4,495E-08	0	-0,002885	0	4,1E-05	0
20	STERRASX	LinStatic	0,109558	0	-0,02114	0	0,015147	0
20	STERRADX	LinStatic	-0,109568	0	0,021151	0	-0,015304	0
20	TERMP	LinStatic	7,279E-08	0	-4,086E-07	0	6,041E-06	0
20	TERMN	LinStatic	-2,184E-07	0	1,226E-06	0	-1,8E-05	0
20	GRADTP	LinStatic	-3,51E-07	0	8,128E-07	0	-1,2E-05	0
20	GRADTN	LinStatic	3,51E-07	0	-8,128E-07	0	1,2E-05	0
20	LM71C	LinStatic	1,92E-07	0	-0,01232	0	0,000173	0
20	STLM71	LinStatic	0,057465	0	-0,014289	0	0,010249	0
20	AVVLM71	LinStatic	0,02038	0	-0,01014	0	0,007291	0
20	SW2	LinStatic	1,599E-07	0	-0,010264	0	0,000144	0
20	STSW2	LinStatic	0,047878	0	-0,011905	0	0,008539	0
20	FRENSW2	LinStatic	0,02162	0	-0,010756	0	0,007735	0
20	INCRTER	LinStatic	0,131474	0	-0,032692	0	0,023448	0
20	LM71SISO	LinStatic	0,0077	0	-0,003831	0	0,002755	0
20	SW2SISO	LinStatic	0,00642	0	-0,003194	0	0,002297	0
20	SISMAO	LinStatic	0,04599	0	-0,01721	0	0,01238	0
20	LM71SVA	LinStatic	-5,962E-09	0	0,000383	0	-5,386E-06	0
20	SW2SVA	LinStatic	-4,963E-09	0	0,000319	0	-4,483E-06	0
20	SISMAVA	LinStatic	4,135E-08	0	0,002577	0	-3,3E-05	0
20	LM71SVB	LinStatic	5,962E-09	0	-0,000383	0	5,386E-06	0
20	SW2SVB	LinStatic	4,963E-09	0	-0,000319	0	4,483E-06	0
20	SISMAVB	LinStatic	-4,134E-08	0	-0,002577	0	3,3E-05	0
21	PP	LinStatic	-3,994E-07	0	-0,014761	0	0,00015	0
21	REINTSUP	LinStatic	4,452E-08	0	-0,002508	0	3,8E-05	0
21	BALLAST	LinStatic	5,137E-08	0	-0,002894	0	4,4E-05	0
21	STERRASX	LinStatic	0,109558	0	-0,024171	0	0,015179	0
21	STERRADX	LinStatic	-0,10957	0	0,024215	0	-0,015359	0
21	TERMP	LinStatic	8,319E-08	0	-1,703E-06	0	6,906E-06	0
21	TERMN	LinStatic	-2,496E-07	0	5,108E-06	0	-2,1E-05	0
21	GRADTP	LinStatic	-4,011E-07	0	3,388E-06	0	-1,4E-05	0
21	GRADTN	LinStatic	4,011E-07	0	-3,388E-06	0	1,4E-05	0
21	LM71C	LinStatic	2,194E-07	0	-0,012358	0	0,000187	0
21	STLM71	LinStatic	0,057465	0	-0,01634	0	0,010271	0
21	AVVLM71	LinStatic	0,02038	0	-0,011599	0	0,007308	0
21	SW2	LinStatic	1,828E-07	0	-0,010297	0	0,000156	0
21	STSW2	LinStatic	0,047878	0	-0,013614	0	0,008558	0
21	FRENSW2	LinStatic	0,02162	0	-0,012305	0	0,007753	0
21	INCRTER	LinStatic	0,131474	0	-0,037384	0	0,023499	0
21	LM71SISO	LinStatic	0,0077	0	-0,004382	0	0,002761	0
21	SW2SISO	LinStatic	0,00642	0	-0,003654	0	0,002302	0
21	SISMAO	LinStatic	0,04599	0	-0,019688	0	0,01241	0
21	LM71SVA	LinStatic	-6,814E-09	0	0,000384	0	-5,818E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
21	SW2SVA	LinStatic	-5,672E-09	0	0,00032	0	-4,843E-06	0
21	SISMAVA	LinStatic	4,725E-08	0	0,002585	0	-3,5E-05	0
21	LM71SVB	LinStatic	6,814E-09	0	-0,000384	0	5,818E-06	0
21	SW2SVB	LinStatic	5,672E-09	0	-0,00032	0	4,843E-06	0
21	SISMAVB	LinStatic	-4,724E-08	0	-0,002584	0	3,5E-05	0
22	PP	LinStatic	-4,493E-07	0	-0,014794	0	0,000156	0
22	REINTSUP	LinStatic	5,009E-08	0	-0,002516	0	4E-05	0
22	BALLAST	LinStatic	5,779E-08	0	-0,002903	0	4,6E-05	0
22	STERRASX	LinStatic	0,109558	0	-0,027209	0	0,015213	0
22	STERRADX	LinStatic	-0,109571	0	0,027291	0	-0,015416	0
22	TERMP	LinStatic	9,359E-08	0	-3,17E-06	0	7,772E-06	0
22	TERMN	LinStatic	-2,808E-07	0	9,511E-06	0	-2,3E-05	0
22	GRADTP	LinStatic	-4,513E-07	0	6,307E-06	0	-1,5E-05	0
22	GRADTN	LinStatic	4,513E-07	0	-6,307E-06	0	1,5E-05	0
22	LM71C	LinStatic	2,468E-07	0	-0,0124	0	0,000197	0
22	STLM71	LinStatic	0,057465	0	-0,018396	0	0,010295	0
22	AVVLM71	LinStatic	0,02038	0	-0,013062	0	0,007326	0
22	SW2	LinStatic	2,056E-07	0	-0,010331	0	0,000164	0
22	STSW2	LinStatic	0,047878	0	-0,015327	0	0,008578	0
22	FRENSW2	LinStatic	0,02162	0	-0,013857	0	0,007771	0
22	INCRTER	LinStatic	0,131474	0	-0,042087	0	0,023554	0
22	LM71SISO	LinStatic	0,0077	0	-0,004935	0	0,002768	0
22	SW2SISO	LinStatic	0,00642	0	-0,004115	0	0,002308	0
22	SISMAO	LinStatic	0,04599	0	-0,022172	0	0,012442	0
22	LM71SVA	LinStatic	-7,666E-09	0	0,000385	0	-6,115E-06	0
22	SW2SVA	LinStatic	-6,381E-09	0	0,000321	0	-5,09E-06	0
22	SISMAVA	LinStatic	5,316E-08	0	0,002592	0	-3,7E-05	0
22	LM71SVB	LinStatic	7,666E-09	0	-0,000385	0	6,115E-06	0
22	SW2SVB	LinStatic	6,381E-09	0	-0,000321	0	5,09E-06	0
22	SISMAVB	LinStatic	-5,315E-08	0	-0,002592	0	3,7E-05	0
23	PP	LinStatic	-4,992E-07	0	-0,014829	0	0,000158	0
23	REINTSUP	LinStatic	5,565E-08	0	-0,002525	0	4,1E-05	0
23	BALLAST	LinStatic	6,421E-08	0	-0,002913	0	4,7E-05	0
23	STERRASX	LinStatic	0,109558	0	-0,030254	0	0,015249	0
23	STERRADX	LinStatic	-0,109573	0	0,03038	0	-0,015475	0
23	TERMP	LinStatic	1,04E-07	0	-4,811E-06	0	8,639E-06	0
23	TERMN	LinStatic	-3,12E-07	0	1,4E-05	0	-2,6E-05	0
23	GRADTP	LinStatic	-5,014E-07	0	9,571E-06	0	-1,7E-05	0
23	GRADTN	LinStatic	5,014E-07	0	-9,571E-06	0	1,7E-05	0
23	LM71C	LinStatic	2,742E-07	0	-0,012443	0	0,000202	0
23	STLM71	LinStatic	0,057465	0	-0,020457	0	0,01032	0
23	AVVLM71	LinStatic	0,020381	0	-0,014529	0	0,007344	0
23	SW2	LinStatic	2,285E-07	0	-0,010367	0	0,000168	0
23	STSW2	LinStatic	0,047879	0	-0,017044	0	0,008599	0
23	FRENSW2	LinStatic	0,021621	0	-0,015413	0	0,00779	0
23	INCRTER	LinStatic	0,131475	0	-0,046803	0	0,023612	0
23	LM71SISO	LinStatic	0,0077	0	-0,005489	0	0,002775	0
23	SW2SISO	LinStatic	0,00642	0	-0,004577	0	0,002313	0
23	SISMAO	LinStatic	0,045991	0	-0,024664	0	0,012474	0
23	LM71SVA	LinStatic	-8,517E-09	0	0,000386	0	-6,259E-06	0
23	SW2SVA	LinStatic	-7,09E-09	0	0,000322	0	-5,211E-06	0
23	SISMAVA	LinStatic	5,907E-08	0	0,002601	0	-3,8E-05	0
23	LM71SVB	LinStatic	8,517E-09	0	-0,000386	0	6,259E-06	0
23	SW2SVB	LinStatic	7,09E-09	0	-0,000322	0	5,211E-06	0
23	SISMAVB	LinStatic	-5,905E-08	0	-0,0026	0	3,7E-05	0
24	PP	LinStatic	-5,367E-07	0	-0,014854	0	0,000156	0
24	REINTSUP	LinStatic	5,983E-08	0	-0,002532	0	4,1E-05	0
24	BALLAST	LinStatic	6,903E-08	0	-0,002921	0	4,7E-05	0
24	STERRASX	LinStatic	0,109559	0	-0,032544	0	0,015277	0
24	STERRADX	LinStatic	-0,109574	0	0,032705	0	-0,015519	0
24	TERMP	LinStatic	1,118E-07	0	-6,156E-06	0	9,29E-06	0
24	TERMN	LinStatic	-3,354E-07	0	1,8E-05	0	-2,8E-05	0
24	GRADTP	LinStatic	-5,39E-07	0	1,2E-05	0	-1,8E-05	0
24	GRADTN	LinStatic	5,39E-07	0	-1,2E-05	0	1,8E-05	0
24	LM71C	LinStatic	2,948E-07	0	-0,012475	0	0,000201	0
24	STLM71	LinStatic	0,057465	0	-0,022006	0	0,010339	0
24	AVVLM71	LinStatic	0,020381	0	-0,015632	0	0,007357	0
24	SW2	LinStatic	2,456E-07	0	-0,010394	0	0,000168	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
24	STSW2	LinStatic	0,047879	0	-0,018335	0	0,008614	0
24	FRENSW2	LinStatic	0,021621	0	-0,016583	0	0,007805	0
24	INCRTER	LinStatic	0,131475	0	-0,050348	0	0,023655	0
24	LM71SISO	LinStatic	0,0077	0	-0,005906	0	0,00278	0
24	SW2SISO	LinStatic	0,00642	0	-0,004924	0	0,002318	0
24	SISMAO	LinStatic	0,045991	0	-0,026537	0	0,012499	0
24	LM71SVA	LinStatic	-9,156E-09	0	0,000387	0	-6,258E-06	0
24	SW2SVA	LinStatic	-7,622E-09	0	0,000323	0	-5,209E-06	0
24	SISMAVA	LinStatic	6,35E-08	0	0,002607	0	-3,7E-05	0
24	LM71SVB	LinStatic	9,156E-09	0	-0,000387	0	6,258E-06	0
24	SW2SVB	LinStatic	7,622E-09	0	-0,000323	0	5,209E-06	0
24	SISMAVB	LinStatic	-6,348E-08	0	-0,002606	0	3,7E-05	0
25	PP	LinStatic	-5,741E-07	0	-0,01488	0	0,000151	0
25	REINTSUP	LinStatic	6,4E-08	0	-0,002538	0	4E-05	0
25	BALLAST	LinStatic	7,385E-08	0	-0,002929	0	4,6E-05	0
25	STERRASX	LinStatic	0,109559	0	-0,034838	0	0,015304	0
25	STERRADX	LinStatic	-0,109576	0	0,035036	0	-0,015563	0
25	TERMP	LinStatic	1,196E-07	0	-7,598E-06	0	9,94E-06	0
25	TERMN	LinStatic	-3,588E-07	0	2,3E-05	0	-3E-05	0
25	GRADTP	LinStatic	-5,766E-07	0	1,5E-05	0	-2E-05	0
25	GRADTN	LinStatic	5,766E-07	0	-1,5E-05	0	2E-05	0
25	LM71C	LinStatic	3,154E-07	0	-0,012508	0	0,000198	0
25	STLM71	LinStatic	0,057466	0	-0,023559	0	0,010358	0
25	AVVLM71	LinStatic	0,020381	0	-0,016737	0	0,00737	0
25	SW2	LinStatic	2,628E-07	0	-0,010421	0	0,000165	0
25	STSW2	LinStatic	0,047879	0	-0,019629	0	0,00863	0
25	FRENSW2	LinStatic	0,021621	0	-0,017755	0	0,007818	0
25	INCRTER	LinStatic	0,131475	0	-0,053901	0	0,023697	0
25	LM71SISO	LinStatic	0,0077	0	-0,006323	0	0,002784	0
25	SW2SISO	LinStatic	0,00642	0	-0,005272	0	0,002322	0
25	SISMAO	LinStatic	0,045991	0	-0,028415	0	0,012522	0
25	LM71SVA	LinStatic	-9,795E-09	0	0,000388	0	-6,154E-06	0
25	SW2SVA	LinStatic	-8,154E-09	0	0,000323	0	-5,123E-06	0
25	SISMAVA	LinStatic	6,793E-08	0	0,002613	0	-3,6E-05	0
25	LM71SVB	LinStatic	9,795E-09	0	-0,000388	0	6,154E-06	0
25	SW2SVB	LinStatic	8,154E-09	0	-0,000323	0	5,123E-06	0
25	SISMAVB	LinStatic	-6,791E-08	0	-0,002612	0	3,6E-05	0
26	PP	LinStatic	-2,5E-05	0	-0,014881	0	-0,000139	0
26	REINTSUP	LinStatic	-6,953E-06	0	-0,002538	0	-3,8E-05	0
26	BALLAST	LinStatic	-8,023E-06	0	-0,002929	0	-4,4E-05	0
26	STERRASX	LinStatic	0,112311	0	0,035037	0	0,015637	0
26	STERRADX	LinStatic	-0,112242	0	-0,034838	0	-0,015351	0
26	TERMP	LinStatic	-1,99E-06	0	-7,598E-06	0	-1,1E-05	0
26	TERMN	LinStatic	5,97E-06	0	2,3E-05	0	3,3E-05	0
26	GRADTP	LinStatic	4,377E-06	0	1,5E-05	0	2,2E-05	0
26	GRADTN	LinStatic	-4,377E-06	0	-1,5E-05	0	-2,2E-05	0
26	LM71C	LinStatic	-3,4E-05	0	-0,012509	0	-0,000189	0
26	STLM71	LinStatic	0,059314	0	0,023657	0	0,01053	0
26	AVVLM71	LinStatic	0,021673	0	0,016737	0	0,007392	0
26	SW2	LinStatic	-2,9E-05	0	-0,010422	0	-0,000157	0
26	STSW2	LinStatic	0,049419	0	0,01971	0	0,008773	0
26	FRENSW2	LinStatic	0,022992	0	0,017755	0	0,007841	0
26	INCRTER	LinStatic	0,135705	0	0,054124	0	0,024092	0
26	LM71SISO	LinStatic	0,008189	0	0,006324	0	0,002793	0
26	SW2SISO	LinStatic	0,006827	0	0,005272	0	0,002328	0
26	SISMAO	LinStatic	0,048188	0	0,028415	0	0,012563	0
26	LM71SVA	LinStatic	1,064E-06	0	0,000388	0	5,868E-06	0
26	SW2SVA	LinStatic	8,859E-07	0	0,000323	0	4,885E-06	0
26	SISMAVA	LinStatic	6,248E-06	0	0,002615	0	3,5E-05	0
26	LM71SVB	LinStatic	-1,064E-06	0	-0,000388	0	-5,868E-06	0
26	SW2SVB	LinStatic	-8,859E-07	0	-0,000323	0	-4,885E-06	0
26	SISMAVB	LinStatic	-6,298E-06	0	-0,002616	0	-3,5E-05	0
27	PP	LinStatic	2,5E-05	0	-0,014881	0	0,000139	0
27	REINTSUP	LinStatic	6,953E-06	0	-0,002538	0	3,8E-05	0
27	BALLAST	LinStatic	8,023E-06	0	-0,002929	0	4,4E-05	0
27	STERRASX	LinStatic	0,112242	0	-0,034838	0	0,015351	0
27	STERRADX	LinStatic	-0,112311	0	0,035037	0	-0,015637	0
27	TERMP	LinStatic	1,99E-06	0	-7,598E-06	0	1,1E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
27	TERMN	LinStatic	-5,97E-06	0	2,3E-05	0	-3,3E-05	0
27	GRADTP	LinStatic	-4,377E-06	0	1,5E-05	0	-2,2E-05	0
27	GRADTN	LinStatic	4,377E-06	0	-1,5E-05	0	2,2E-05	0
27	LM71C	LinStatic	3,4E-05	0	-0,012509	0	0,000189	0
27	STLM71	LinStatic	0,059282	0	-0,023559	0	0,01039	0
27	AVVLM71	LinStatic	0,021673	0	-0,016737	0	0,007392	0
27	SW2	LinStatic	2,9E-05	0	-0,010422	0	0,000157	0
27	STSW2	LinStatic	0,049392	0	-0,019629	0	0,008656	0
27	FRENSW2	LinStatic	0,022992	0	-0,017755	0	0,007841	0
27	INCRTER	LinStatic	0,135631	0	-0,053902	0	0,02377	0
27	LM71SISO	LinStatic	0,008189	0	-0,006324	0	0,002793	0
27	SW2SISO	LinStatic	0,006827	0	-0,005272	0	0,002328	0
27	SISMAO	LinStatic	0,048188	0	-0,028415	0	0,012563	0
27	LM71SVA	LinStatic	-1,064E-06	0	0,000388	0	-5,868E-06	0
27	SW2SVA	LinStatic	-8,859E-07	0	0,000323	0	-4,885E-06	0
27	SISMAVA	LinStatic	-6,06E-06	0	0,002613	0	-3,4E-05	0
27	LM71SVB	LinStatic	1,064E-06	0	-0,000388	0	5,868E-06	0
27	SW2SVB	LinStatic	8,859E-07	0	-0,000323	0	4,885E-06	0
27	SISMAVB	LinStatic	6,01E-06	0	-0,002612	0	3,4E-05	0
28	PP	LinStatic	-4,8E-05	0	-0,014882	0	-0,000128	0
28	REINTSUP	LinStatic	-1,4E-05	0	-0,002539	0	-3,6E-05	0
28	BALLAST	LinStatic	-1,6E-05	0	-0,002929	0	-4,2E-05	0
28	STERRASX	LinStatic	0,115058	0	0,035037	0	0,0157	0
28	STERRADX	LinStatic	-0,114934	0	-0,034839	0	-0,015395	0
28	TERMP	LinStatic	-4,055E-06	0	-7,598E-06	0	-1,2E-05	0
28	TERMN	LinStatic	1,2E-05	0	2,3E-05	0	3,7E-05	0
28	GRADTP	LinStatic	8,535E-06	0	1,5E-05	0	2,4E-05	0
28	GRADTN	LinStatic	-8,535E-06	0	-1,5E-05	0	-2,4E-05	0
28	LM71C	LinStatic	-6,7E-05	0	-0,012511	0	-0,00018	0
28	STLM71	LinStatic	0,061163	0	0,023657	0	0,01057	0
28	AVVLM71	LinStatic	0,022969	0	0,016737	0	0,007412	0
28	SW2	LinStatic	-5,5E-05	0	-0,010423	0	-0,00015	0
28	STSW2	LinStatic	0,050959	0	0,01971	0	0,008807	0
28	FRENSW2	LinStatic	0,024367	0	0,017756	0	0,007863	0
28	INCRTER	LinStatic	0,139935	0	0,054125	0	0,024184	0
28	LM71SISO	LinStatic	0,008678	0	0,006324	0	0,002801	0
28	SW2SISO	LinStatic	0,007236	0	0,005272	0	0,002335	0
28	SISMAO	LinStatic	0,050391	0	0,028415	0	0,0126	0
28	LM71SVA	LinStatic	2,068E-06	0	0,000389	0	5,577E-06	0
28	SW2SVA	LinStatic	1,722E-06	0	0,000323	0	4,643E-06	0
28	SISMAVA	LinStatic	1,2E-05	0	0,002616	0	3,3E-05	0
28	LM71SVB	LinStatic	-2,068E-06	0	-0,000389	0	-5,577E-06	0
28	SW2SVB	LinStatic	-1,722E-06	0	-0,000323	0	-4,643E-06	0
28	SISMAVB	LinStatic	-1,2E-05	0	-0,002616	0	-3,3E-05	0
29	PP	LinStatic	4,8E-05	0	-0,014882	0	0,000128	0
29	REINTSUP	LinStatic	1,4E-05	0	-0,002539	0	3,6E-05	0
29	BALLAST	LinStatic	1,6E-05	0	-0,002929	0	4,2E-05	0
29	STERRASX	LinStatic	0,114934	0	-0,034839	0	0,015395	0
29	STERRADX	LinStatic	-0,115058	0	0,035037	0	-0,0157	0
29	TERMP	LinStatic	4,055E-06	0	-7,598E-06	0	1,2E-05	0
29	TERMN	LinStatic	-1,2E-05	0	2,3E-05	0	-3,7E-05	0
29	GRADTP	LinStatic	-8,535E-06	0	1,5E-05	0	-2,4E-05	0
29	GRADTN	LinStatic	8,535E-06	0	-1,5E-05	0	2,4E-05	0
29	LM71C	LinStatic	6,7E-05	0	-0,012511	0	0,00018	0
29	STLM71	LinStatic	0,061104	0	-0,02356	0	0,01042	0
29	AVVLM71	LinStatic	0,022969	0	-0,016737	0	0,007412	0
29	SW2	LinStatic	5,5E-05	0	-0,010423	0	0,00015	0
29	STSW2	LinStatic	0,05091	0	-0,019629	0	0,008682	0
29	FRENSW2	LinStatic	0,024367	0	-0,017756	0	0,007863	0
29	INCRTER	LinStatic	0,139799	0	-0,053902	0	0,02384	0
29	LM71SISO	LinStatic	0,008678	0	-0,006324	0	0,002801	0
29	SW2SISO	LinStatic	0,007236	0	-0,005272	0	0,002335	0
29	SISMAO	LinStatic	0,050391	0	-0,028415	0	0,0126	0
29	LM71SVA	LinStatic	-2,068E-06	0	0,000389	0	-5,577E-06	0
29	SW2SVA	LinStatic	-1,722E-06	0	0,000323	0	-4,643E-06	0
29	SISMAVA	LinStatic	-1,2E-05	0	0,002613	0	-3,1E-05	0
29	LM71SVB	LinStatic	2,068E-06	0	-0,000389	0	5,577E-06	0
29	SW2SVB	LinStatic	1,722E-06	0	-0,000323	0	4,643E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
29	SISMAVB	LinStatic	1,2E-05	0	-0,002612	0	3,1E-05	0
30	PP	LinStatic	-0,000168	0	-0,014891	0	-4,7E-05	0
30	REINTSUP	LinStatic	-5,4E-05	0	-0,002541	0	-2E-05	0
30	BALLAST	LinStatic	-6,2E-05	0	-0,002932	0	-2,3E-05	0
30	STERRASX	LinStatic	0,137465	0	0,03504	0	0,015905	0
30	STERRADX	LinStatic	-0,136898	0	-0,034842	0	-0,015665	0
30	TERMP	LinStatic	-2,7E-05	0	-7,598E-06	0	-1,9E-05	0
30	TERMN	LinStatic	8E-05	0	2,3E-05	0	5,6E-05	0
30	GRADTP	LinStatic	4,9E-05	0	1,5E-05	0	2,9E-05	0
30	GRADTN	LinStatic	-4,9E-05	0	-1,5E-05	0	-2,9E-05	0
30	LM71C	LinStatic	-0,000265	0	-0,012521	0	-9,8E-05	0
30	STLM71	LinStatic	0,076256	0	0,023659	0	0,010733	0
30	AVVLM71	LinStatic	0,03354	0	0,01674	0	0,007534	0
30	SW2	LinStatic	-0,00022	0	-0,010432	0	-8,2E-05	0
30	STSW2	LinStatic	0,063535	0	0,019712	0	0,008942	0
30	FRENSW2	LinStatic	0,03558	0	0,017758	0	0,007993	0
30	INCRTER	LinStatic	0,174466	0	0,05413	0	0,024555	0
30	LM71SISO	LinStatic	0,012672	0	0,006325	0	0,002847	0
30	SW2SISO	LinStatic	0,010565	0	0,005273	0	0,002373	0
30	SISMAO	LinStatic	0,068365	0	0,028419	0	0,012807	0
30	LM71SVA	LinStatic	8,217E-06	0	0,000389	0	3,048E-06	0
30	SW2SVA	LinStatic	6,84E-06	0	0,000324	0	2,537E-06	0
30	SISMAVA	LinStatic	4,5E-05	0	0,002618	0	1,4E-05	0
30	LM71SVB	LinStatic	-8,217E-06	0	-0,000389	0	-3,048E-06	0
30	SW2SVB	LinStatic	-6,84E-06	0	-0,000324	0	-2,537E-06	0
30	SISMAVB	LinStatic	-4,5E-05	0	-0,002618	0	-1,5E-05	0
31	PP	LinStatic	0,000168	0	-0,014891	0	4,7E-05	0
31	REINTSUP	LinStatic	5,4E-05	0	-0,002541	0	2E-05	0
31	BALLAST	LinStatic	6,2E-05	0	-0,002932	0	2,3E-05	0
31	STERRASX	LinStatic	0,136898	0	-0,034842	0	0,015665	0
31	STERRADX	LinStatic	-0,137465	0	0,03504	0	-0,015905	0
31	TERMP	LinStatic	2,7E-05	0	-7,598E-06	0	1,9E-05	0
31	TERMN	LinStatic	-8E-05	0	2,3E-05	0	-5,6E-05	0
31	GRADTP	LinStatic	-4,9E-05	0	1,5E-05	0	-2,9E-05	0
31	GRADTN	LinStatic	4,9E-05	0	-1,5E-05	0	2,9E-05	0
31	LM71C	LinStatic	0,000265	0	-0,012521	0	9,8E-05	0
31	STLM71	LinStatic	0,075971	0	-0,023562	0	0,010603	0
31	AVVLM71	LinStatic	0,03354	0	-0,01674	0	0,007534	0
31	SW2	LinStatic	0,00022	0	-0,010432	0	8,2E-05	0
31	STSW2	LinStatic	0,063297	0	-0,019631	0	0,008834	0
31	FRENSW2	LinStatic	0,03558	0	-0,017758	0	0,007993	0
31	INCRTER	LinStatic	0,173813	0	-0,053908	0	0,024258	0
31	LM71SISO	LinStatic	0,012672	0	-0,006325	0	0,002847	0
31	SW2SISO	LinStatic	0,010565	0	-0,005273	0	0,002373	0
31	SISMAO	LinStatic	0,068365	0	-0,028419	0	0,012807	0
31	LM71SVA	LinStatic	-8,217E-06	0	0,000389	0	-3,048E-06	0
31	SW2SVA	LinStatic	-6,84E-06	0	0,000324	0	-2,537E-06	0
31	SISMAVA	LinStatic	-4,3E-05	0	0,002615	0	-1,3E-05	0
31	LM71SVB	LinStatic	8,217E-06	0	-0,000389	0	3,048E-06	0
31	SW2SVB	LinStatic	6,84E-06	0	-0,000324	0	2,537E-06	0
31	SISMAVB	LinStatic	4,3E-05	0	-0,002614	0	1,3E-05	0
32	PP	LinStatic	-0,000187	0	-0,014897	0	1,6E-05	0
32	REINTSUP	LinStatic	-6,9E-05	0	-0,002543	0	-1,283E-06	0
32	BALLAST	LinStatic	-8E-05	0	-0,002934	0	-1,48E-06	0
32	STERRASX	LinStatic	0,159868	0	0,035043	0	0,015758	0
32	STERRADX	LinStatic	-0,159132	0	-0,034845	0	-0,015777	0
32	TERMP	LinStatic	-5,6E-05	0	-7,598E-06	0	-2,1E-05	0
32	TERMN	LinStatic	0,000167	0	2,3E-05	0	6,4E-05	0
32	GRADTP	LinStatic	8,3E-05	0	1,5E-05	0	1,4E-05	0
32	GRADTN	LinStatic	-8,3E-05	0	-1,5E-05	0	-1,4E-05	0
32	LM71C	LinStatic	-0,00034	0	-0,012531	0	-6,321E-06	0
32	STLM71	LinStatic	0,091407	0	0,023662	0	0,010678	0
32	AVVLM71	LinStatic	0,044225	0	0,016742	0	0,007576	0
32	SW2	LinStatic	-0,000283	0	-0,010441	0	-5,267E-06	0
32	STSW2	LinStatic	0,076158	0	0,019714	0	0,008897	0
32	FRENSW2	LinStatic	0,046916	0	0,01776	0	0,008037	0
32	INCRTER	LinStatic	0,20913	0	0,054135	0	0,024431	0
32	LM71SISO	LinStatic	0,016709	0	0,006325	0	0,002862	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
32	SW2SISO	LinStatic	0,013932	0	0,005274	0	0,002386	0
32	SISMAO	LinStatic	0,086517	0	0,028423	0	0,012858	0
32	LM71SVA	LinStatic	1,1E-05	0	0,000389	0	1,963E-07	0
32	SW2SVA	LinStatic	8,795E-06	0	0,000324	0	1,634E-07	0
32	SISMAVA	LinStatic	5,4E-05	0	0,002619	0	-1,456E-06	0
32	LM71SVB	LinStatic	-1,1E-05	0	-0,000389	0	-1,963E-07	0
32	SW2SVB	LinStatic	-8,795E-06	0	-0,000324	0	-1,634E-07	0
32	SISMAVB	LinStatic	-5,5E-05	0	-0,00262	0	1,171E-06	0
33	PP	LinStatic	0,000187	0	-0,014897	0	-1,6E-05	0
33	REINTSUP	LinStatic	6,9E-05	0	-0,002543	0	1,283E-06	0
33	BALLAST	LinStatic	8E-05	0	-0,002934	0	1,48E-06	0
33	STERRASX	LinStatic	0,159132	0	-0,034845	0	0,015777	0
33	STERRADX	LinStatic	-0,159868	0	0,035043	0	-0,015758	0
33	TERMP	LinStatic	5,6E-05	0	-7,598E-06	0	2,1E-05	0
33	TERMN	LinStatic	-0,000167	0	2,3E-05	0	-6,4E-05	0
33	GRADTP	LinStatic	-8,3E-05	0	1,5E-05	0	-1,4E-05	0
33	GRADTN	LinStatic	8,3E-05	0	-1,5E-05	0	1,4E-05	0
33	LM71C	LinStatic	0,00034	0	-0,012531	0	6,321E-06	0
33	STLM71	LinStatic	0,091019	0	-0,023564	0	0,010676	0
33	AVVLM71	LinStatic	0,044225	0	-0,016742	0	0,007576	0
33	SW2	LinStatic	0,000283	0	-0,010441	0	5,267E-06	0
33	STSW2	LinStatic	0,075834	0	-0,019633	0	0,008895	0
33	FRENSW2	LinStatic	0,046916	0	-0,01776	0	0,008037	0
33	INCRTER	LinStatic	0,208241	0	-0,053913	0	0,024425	0
33	LM71SISO	LinStatic	0,016709	0	-0,006325	0	0,002862	0
33	SW2SISO	LinStatic	0,013932	0	-0,005274	0	0,002386	0
33	SISMAO	LinStatic	0,086517	0	-0,028423	0	0,012858	0
33	LM71SVA	LinStatic	-1,1E-05	0	0,000389	0	-1,963E-07	0
33	SW2SVA	LinStatic	-8,795E-06	0	0,000324	0	-1,634E-07	0
33	SISMAVA	LinStatic	-5E-05	0	0,002617	0	2,529E-06	0
33	LM71SVB	LinStatic	1,1E-05	0	-0,000389	0	1,963E-07	0
33	SW2SVB	LinStatic	8,795E-06	0	-0,000324	0	1,634E-07	0
33	SISMAVB	LinStatic	4,9E-05	0	-0,002616	0	-2,814E-06	0
34	PP	LinStatic	-0,000131	0	-0,014902	0	5,9E-05	0
34	REINTSUP	LinStatic	-5,7E-05	0	-0,002545	0	1,9E-05	0
34	BALLAST	LinStatic	-6,5E-05	0	-0,002937	0	2,2E-05	0
34	STERRASX	LinStatic	0,181937	0	0,035046	0	0,01548	0
34	STERRADX	LinStatic	-0,181412	0	-0,034848	0	-0,01573	0
34	TERMP	LinStatic	-8,5E-05	0	-7,598E-06	0	-2E-05	0
34	TERMN	LinStatic	0,000256	0	2,3E-05	0	6E-05	0
34	GRADTP	LinStatic	8,3E-05	0	1,5E-05	0	-1,9E-05	0
34	GRADTN	LinStatic	-8,3E-05	0	-1,5E-05	0	1,9E-05	0
34	LM71C	LinStatic	-0,000279	0	-0,012541	0	9,6E-05	0
34	STLM71	LinStatic	0,106383	0	0,023664	0	0,010509	0
34	AVVLM71	LinStatic	0,054913	0	0,016744	0	0,007537	0
34	SW2	LinStatic	-0,000232	0	-0,010449	0	8E-05	0
34	STSW2	LinStatic	0,088635	0	0,019716	0	0,008756	0
34	FRENSW2	LinStatic	0,058254	0	0,017763	0	0,007995	0
34	INCRTER	LinStatic	0,243392	0	0,054141	0	0,024044	0
34	LM71SISO	LinStatic	0,020747	0	0,006326	0	0,002848	0
34	SW2SISO	LinStatic	0,017298	0	0,005275	0	0,002374	0
34	SISMAO	LinStatic	0,104642	0	0,028426	0	0,012773	0
34	LM71SVA	LinStatic	8,659E-06	0	0,000389	0	-2,977E-06	0
34	SW2SVA	LinStatic	7,208E-06	0	0,000324	0	-2,478E-06	0
34	SISMAVA	LinStatic	4,2E-05	0	0,002621	0	-1,5E-05	0
34	LM71SVB	LinStatic	-8,659E-06	0	-0,000389	0	2,977E-06	0
34	SW2SVB	LinStatic	-7,208E-06	0	-0,000324	0	2,478E-06	0
34	SISMAVB	LinStatic	-4,3E-05	0	-0,002621	0	1,5E-05	0
35	PP	LinStatic	0,000131	0	-0,014902	0	-5,9E-05	0
35	REINTSUP	LinStatic	5,7E-05	0	-0,002545	0	-1,9E-05	0
35	BALLAST	LinStatic	6,5E-05	0	-0,002937	0	-2,2E-05	0
35	STERRASX	LinStatic	0,181412	0	-0,034848	0	0,01573	0
35	STERRADX	LinStatic	-0,181937	0	0,035046	0	-0,01548	0
35	TERMP	LinStatic	8,5E-05	0	-7,598E-06	0	2E-05	0
35	TERMN	LinStatic	-0,000256	0	2,3E-05	0	-6E-05	0
35	GRADTP	LinStatic	-8,3E-05	0	1,5E-05	0	1,9E-05	0
35	GRADTN	LinStatic	8,3E-05	0	-1,5E-05	0	-1,9E-05	0
35	LM71C	LinStatic	0,000279	0	-0,012541	0	-9,6E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
35	STLM71	LinStatic	0,106092	0	-0,023567	0	0,010639	0
35	AVVLM71	LinStatic	0,054913	0	-0,016744	0	0,007537	0
35	SW2	LinStatic	0,000232	0	-0,010449	0	-8E-05	0
35	STSW2	LinStatic	0,088393	0	-0,019635	0	0,008864	0
35	FRENSW2	LinStatic	0,058254	0	-0,017763	0	0,007995	0
35	INCRTER	LinStatic	0,242726	0	-0,053918	0	0,02434	0
35	LM71SISO	LinStatic	0,020747	0	-0,006326	0	0,002848	0
35	SW2SISO	LinStatic	0,017298	0	-0,005275	0	0,002374	0
35	SISMAO	LinStatic	0,104642	0	-0,028426	0	0,012773	0
35	LM71SVA	LinStatic	-8,659E-06	0	0,000389	0	2,977E-06	0
35	SW2SVA	LinStatic	-7,208E-06	0	0,000324	0	2,478E-06	0
35	SISMAVA	LinStatic	-3,7E-05	0	0,002618	0	1,6E-05	0
35	LM71SVB	LinStatic	8,659E-06	0	-0,000389	0	-2,977E-06	0
35	SW2SVB	LinStatic	7,208E-06	0	-0,000324	0	-2,478E-06	0
35	SISMAVB	LinStatic	3,5E-05	0	-0,002618	0	-1,6E-05	0
36	PP	LinStatic	-2,6E-05	0	-0,014906	0	8,4E-05	0
36	REINTSUP	LinStatic	-1,3E-05	0	-0,002547	0	4,2E-05	0
36	BALLAST	LinStatic	-1,5E-05	0	-0,002939	0	4,9E-05	0
36	STERRASX	LinStatic	0,203613	0	0,035049	0	0,015236	0
36	STERRADX	LinStatic	-0,203515	0	-0,034851	0	-0,015526	0
36	TERMP	LinStatic	-0,000111	0	-7,598E-06	0	-1,5E-05	0
36	TERMN	LinStatic	0,000332	0	2,3E-05	0	4,4E-05	0
36	GRADTP	LinStatic	2,2E-05	0	1,5E-05	0	-7,1E-05	0
36	GRADTN	LinStatic	-2,2E-05	0	-1,5E-05	0	7,1E-05	0
36	LM71C	LinStatic	-6,6E-05	0	-0,012552	0	0,000208	0
36	STLM71	LinStatic	0,121092	0	0,023666	0	0,010327	0
36	AVVLM71	LinStatic	0,065489	0	0,016746	0	0,007418	0
36	SW2	LinStatic	-5,5E-05	0	-0,010458	0	0,000174	0
36	STSW2	LinStatic	0,100891	0	0,019718	0	0,008604	0
36	FRENSW2	LinStatic	0,069474	0	0,017765	0	0,007869	0
36	INCRTER	LinStatic	0,277045	0	0,054146	0	0,023627	0
36	LM71SISO	LinStatic	0,024743	0	0,006327	0	0,002802	0
36	SW2SISO	LinStatic	0,02063	0	0,005275	0	0,002337	0
36	SISMAO	LinStatic	0,122561	0	0,02843	0	0,012572	0
36	LM71SVA	LinStatic	2,043E-06	0	0,00039	0	-6,472E-06	0
36	SW2SVA	LinStatic	1,701E-06	0	0,000325	0	-5,388E-06	0
36	SISMAVA	LinStatic	1,2E-05	0	0,002622	0	-2,7E-05	0
36	LM71SVB	LinStatic	-2,043E-06	0	-0,00039	0	6,472E-06	0
36	SW2SVB	LinStatic	-1,701E-06	0	-0,000325	0	5,388E-06	0
36	SISMAVB	LinStatic	-1,3E-05	0	-0,002623	0	2,6E-05	0
37	PP	LinStatic	2,6E-05	0	-0,014906	0	-8,4E-05	0
37	REINTSUP	LinStatic	1,3E-05	0	-0,002547	0	-4,2E-05	0
37	BALLAST	LinStatic	1,5E-05	0	-0,002939	0	-4,9E-05	0
37	STERRASX	LinStatic	0,203515	0	-0,034851	0	0,015526	0
37	STERRADX	LinStatic	-0,203613	0	0,035049	0	-0,015236	0
37	TERMP	LinStatic	0,000111	0	-7,598E-06	0	1,5E-05	0
37	TERMN	LinStatic	-0,000332	0	2,3E-05	0	-4,4E-05	0
37	GRADTP	LinStatic	-2,2E-05	0	1,5E-05	0	7,1E-05	0
37	GRADTN	LinStatic	2,2E-05	0	-1,5E-05	0	-7,1E-05	0
37	LM71C	LinStatic	6,6E-05	0	-0,012552	0	-0,000208	0
37	STLM71	LinStatic	0,121034	0	-0,023569	0	0,010491	0
37	AVVLM71	LinStatic	0,065489	0	-0,016746	0	0,007418	0
37	SW2	LinStatic	5,5E-05	0	-0,010458	0	-0,000174	0
37	STSW2	LinStatic	0,100843	0	-0,019637	0	0,008741	0
37	FRENSW2	LinStatic	0,069474	0	-0,017765	0	0,007869	0
37	INCRTER	LinStatic	0,276914	0	-0,053924	0	0,024003	0
37	LM71SISO	LinStatic	0,024743	0	-0,006327	0	0,002802	0
37	SW2SISO	LinStatic	0,02063	0	-0,005275	0	0,002337	0
37	SISMAO	LinStatic	0,122561	0	-0,02843	0	0,012572	0
37	LM71SVA	LinStatic	-2,043E-06	0	0,00039	0	6,472E-06	0
37	SW2SVA	LinStatic	-1,701E-06	0	0,000325	0	5,388E-06	0
37	SISMAVA	LinStatic	-5,337E-06	0	0,00262	0	2,8E-05	0
37	LM71SVB	LinStatic	2,043E-06	0	-0,00039	0	-6,472E-06	0
37	SW2SVB	LinStatic	1,701E-06	0	-0,000325	0	-5,388E-06	0
37	SISMAVB	LinStatic	3,629E-06	0	-0,002619	0	-2,8E-05	0
38	PP	LinStatic	-1,4E-05	0	-0,014906	0	8,5E-05	0
38	REINTSUP	LinStatic	-6,832E-06	0	-0,002547	0	4,5E-05	0
38	BALLAST	LinStatic	-7,883E-06	0	-0,002939	0	5,2E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
38	STERRASX	LinStatic	0,205896	0	0,03505	0	0,015217	0
38	STERRADX	LinStatic	-0,205843	0	-0,034851	0	-0,015495	0
38	TERMP	LinStatic	-0,000113	0	-7,598E-06	0	-1,4E-05	0
38	TERMN	LinStatic	0,000338	0	2,3E-05	0	4,2E-05	0
38	GRADTP	LinStatic	1,1E-05	0	1,5E-05	0	-7,8E-05	0
38	GRADTN	LinStatic	-1,1E-05	0	-1,5E-05	0	7,8E-05	0
38	LM71C	LinStatic	-3,4E-05	0	-0,012553	0	0,000221	0
38	STLM71	LinStatic	0,122639	0	0,023667	0	0,010311	0
38	AVVLM71	LinStatic	0,066601	0	0,016747	0	0,0074	0
38	SW2	LinStatic	-2,8E-05	0	-0,010459	0	0,000184	0
38	STSW2	LinStatic	0,10218	0	0,019718	0	0,008591	0
38	FRENSW2	LinStatic	0,070653	0	0,017766	0	0,00785	0
38	INCRTER	LinStatic	0,280585	0	0,054147	0	0,023591	0
38	LM71SISO	LinStatic	0,025163	0	0,006327	0	0,002796	0
38	SW2SISO	LinStatic	0,02098	0	0,005275	0	0,002331	0
38	SISMAO	LinStatic	0,124445	0	0,02843	0	0,012545	0
38	LM71SVA	LinStatic	1,046E-06	0	0,00039	0	-6,862E-06	0
38	SW2SVA	LinStatic	8,704E-07	0	0,000325	0	-5,712E-06	0
38	SISMAVA	LinStatic	7,697E-06	0	0,002622	0	-2,8E-05	0
38	LM71SVB	LinStatic	-1,046E-06	0	-0,00039	0	6,862E-06	0
38	SW2SVB	LinStatic	-8,704E-07	0	-0,000325	0	5,712E-06	0
38	SISMAVB	LinStatic	-9,448E-06	0	-0,002623	0	2,7E-05	0
39	PP	LinStatic	1,4E-05	0	-0,014906	0	-8,5E-05	0
39	REINTSUP	LinStatic	6,832E-06	0	-0,002547	0	-4,5E-05	0
39	BALLAST	LinStatic	7,883E-06	0	-0,002939	0	-5,2E-05	0
39	STERRASX	LinStatic	0,205843	0	-0,034851	0	0,015495	0
39	STERRADX	LinStatic	-0,205896	0	0,03505	0	-0,015217	0
39	TERMP	LinStatic	0,000113	0	-7,598E-06	0	1,4E-05	0
39	TERMN	LinStatic	-0,000338	0	2,3E-05	0	-4,2E-05	0
39	GRADTP	LinStatic	-1,1E-05	0	1,5E-05	0	7,8E-05	0
39	GRADTN	LinStatic	1,1E-05	0	-1,5E-05	0	-7,8E-05	0
39	LM71C	LinStatic	3,4E-05	0	-0,012553	0	-0,000221	0
39	STLM71	LinStatic	0,122607	0	-0,023569	0	0,010469	0
39	AVVLM71	LinStatic	0,066601	0	-0,016747	0	0,0074	0
39	SW2	LinStatic	2,8E-05	0	-0,010459	0	-0,000184	0
39	STSW2	LinStatic	0,102153	0	-0,019637	0	0,008723	0
39	FRENSW2	LinStatic	0,070653	0	-0,017766	0	0,00785	0
39	INCRTER	LinStatic	0,280512	0	-0,053924	0	0,023952	0
39	LM71SISO	LinStatic	0,025163	0	-0,006327	0	0,002796	0
39	SW2SISO	LinStatic	0,02098	0	-0,005275	0	0,002331	0
39	SISMAO	LinStatic	0,124445	0	-0,02843	0	0,012545	0
39	LM71SVA	LinStatic	-1,046E-06	0	0,00039	0	6,862E-06	0
39	SW2SVA	LinStatic	-8,704E-07	0	0,000325	0	5,712E-06	0
39	SISMAVA	LinStatic	-1,097E-06	0	0,00262	0	2,9E-05	0
39	LM71SVB	LinStatic	1,046E-06	0	-0,00039	0	-6,862E-06	0
39	SW2SVB	LinStatic	8,704E-07	0	-0,000325	0	-5,712E-06	0
39	SISMAVB	LinStatic	-6,533E-07	0	-0,002619	0	-2,9E-05	0
40	PP	LinStatic	-6,526E-07	0	-0,014907	0	8,6E-05	0
40	REINTSUP	LinStatic	7,275E-08	0	-0,002548	0	4,7E-05	0
40	BALLAST	LinStatic	8,394E-08	0	-0,002939	0	5,5E-05	0
40	STERRASX	LinStatic	0,208176	0	0,03505	0	0,015199	0
40	STERRADX	LinStatic	-0,208166	0	-0,034852	0	-0,015462	0
40	TERMP	LinStatic	-0,000115	0	-7,598E-06	0	-1,3E-05	0
40	TERMN	LinStatic	0,000345	0	2,3E-05	0	3,9E-05	0
40	GRADTP	LinStatic	-6,555E-07	0	1,5E-05	0	-8,5E-05	0
40	GRADTN	LinStatic	6,555E-07	0	-1,5E-05	0	8,5E-05	0
40	LM71C	LinStatic	3,585E-07	0	-0,012554	0	0,000234	0
40	STLM71	LinStatic	0,124184	0	0,023667	0	0,010296	0
40	AVVLM71	LinStatic	0,06771	0	0,016747	0	0,007382	0
40	SW2	LinStatic	2,987E-07	0	-0,01046	0	0,000195	0
40	STSW2	LinStatic	0,103467	0	0,019719	0	0,008579	0
40	FRENSW2	LinStatic	0,07183	0	0,017766	0	0,007831	0
40	INCRTER	LinStatic	0,28412	0	0,054147	0	0,023557	0
40	LM71SISO	LinStatic	0,025582	0	0,006327	0	0,002789	0
40	SW2SISO	LinStatic	0,02133	0	0,005276	0	0,002325	0
40	SISMAO	LinStatic	0,126325	0	0,02843	0	0,012516	0
40	LM71SVA	LinStatic	-1,113E-08	0	0,00039	0	-7,256E-06	0
40	SW2SVA	LinStatic	-9,268E-09	0	0,000325	0	-6,04E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
40	SISMAVA	LinStatic	3,457E-06	0	0,002622	0	-2,9E-05	0
40	LM71SVB	LinStatic	1,113E-08	0	-0,00039	0	7,256E-06	0
40	SW2SVB	LinStatic	9,268E-09	0	-0,000325	0	6,04E-06	0
40	SISMAVB	LinStatic	-5,251E-06	0	-0,002623	0	2,8E-05	0
41	PP	LinStatic	-6,1E-07	0	-0,01492	0	8,7E-05	0
41	REINTSUP	LinStatic	6,8E-08	0	-0,002555	0	4,9E-05	0
41	BALLAST	LinStatic	7,847E-08	0	-0,002949	0	5,7E-05	0
41	STERRASX	LinStatic	0,208176	0	0,032772	0	0,015184	0
41	STERRADX	LinStatic	-0,208166	0	-0,032536	0	-0,015429	0
41	TERMP	LinStatic	-0,000107	0	-5,695E-06	0	-1,2E-05	0
41	TERMN	LinStatic	0,000322	0	1,7E-05	0	3,7E-05	0
41	GRADTP	LinStatic	-6,127E-07	0	2,7E-05	0	-7,9E-05	0
41	GRADTN	LinStatic	6,127E-07	0	-2,7E-05	0	7,9E-05	0
41	LM71C	LinStatic	3,351E-07	0	-0,012593	0	0,000244	0
41	STLM71	LinStatic	0,124184	0	0,022124	0	0,010283	0
41	AVVLM71	LinStatic	0,06771	0	0,015642	0	0,007364	0
41	SW2	LinStatic	2,792E-07	0	-0,010492	0	0,000203	0
41	STSW2	LinStatic	0,103467	0	0,018433	0	0,008567	0
41	FRENSW2	LinStatic	0,07183	0	0,016593	0	0,007812	0
41	INCRTER	LinStatic	0,284119	0	0,050618	0	0,023526	0
41	LM71SISO	LinStatic	0,025582	0	0,00591	0	0,002782	0
41	SW2SISO	LinStatic	0,02133	0	0,004927	0	0,00232	0
41	SISMAO	LinStatic	0,126325	0	0,026556	0	0,012488	0
41	LM71SVA	LinStatic	-1,041E-08	0	0,000391	0	-7,568E-06	0
41	SW2SVA	LinStatic	-8,664E-09	0	0,000326	0	-6,3E-06	0
41	SISMAVA	LinStatic	3,452E-06	0	0,002627	0	-2,9E-05	0
41	LM71SVB	LinStatic	1,041E-08	0	-0,000391	0	7,568E-06	0
41	SW2SVB	LinStatic	8,664E-09	0	-0,000326	0	6,3E-06	0
41	SISMAVB	LinStatic	-5,246E-06	0	-0,002628	0	2,9E-05	0
42	PP	LinStatic	-5,675E-07	0	-0,014934	0	8,6E-05	0
42	REINTSUP	LinStatic	6,326E-08	0	-0,002564	0	5E-05	0
42	BALLAST	LinStatic	7,299E-08	0	-0,002958	0	5,8E-05	0
42	STERRASX	LinStatic	0,208176	0	0,030497	0	0,01517	0
42	STERRADX	LinStatic	-0,208166	0	-0,030225	0	-0,015398	0
42	TERMP	LinStatic	-0,0001	0	-3,92E-06	0	-1,1E-05	0
42	TERMN	LinStatic	0,0003	0	1,2E-05	0	3,4E-05	0
42	GRADTP	LinStatic	-5,7E-07	0	3,9E-05	0	-7,4E-05	0
42	GRADTN	LinStatic	5,7E-07	0	-3,9E-05	0	7,4E-05	0
42	LM71C	LinStatic	3,117E-07	0	-0,012633	0	0,000249	0
42	STLM71	LinStatic	0,124184	0	0,020583	0	0,01027	0
42	AVVLM71	LinStatic	0,06771	0	0,014539	0	0,007347	0
42	SW2	LinStatic	2,597E-07	0	-0,010525	0	0,000207	0
42	STSW2	LinStatic	0,103467	0	0,01715	0	0,008557	0
42	FRENSW2	LinStatic	0,07183	0	0,015424	0	0,007794	0
42	INCRTER	LinStatic	0,284119	0	0,047093	0	0,023498	0
42	LM71SISO	LinStatic	0,025582	0	0,005493	0	0,002776	0
42	SW2SISO	LinStatic	0,02133	0	0,00458	0	0,002314	0
42	SISMAO	LinStatic	0,126325	0	0,024686	0	0,012462	0
42	LM71SVA	LinStatic	-9,681E-09	0	0,000392	0	-7,722E-06	0
42	SW2SVA	LinStatic	-8,059E-09	0	0,000327	0	-6,428E-06	0
42	SISMAVA	LinStatic	3,447E-06	0	0,002632	0	-3E-05	0
42	LM71SVB	LinStatic	9,681E-09	0	-0,000392	0	7,722E-06	0
42	SW2SVB	LinStatic	8,059E-09	0	-0,000327	0	6,428E-06	0
42	SISMAVB	LinStatic	-5,241E-06	0	-0,002632	0	2,9E-05	0
43	PP	LinStatic	-1,892E-07	0	-0,015028	0	3,9E-05	0
43	REINTSUP	LinStatic	2,109E-08	0	-0,002623	0	2,5E-05	0
43	BALLAST	LinStatic	2,433E-08	0	-0,003026	0	2,9E-05	0
43	STERRASX	LinStatic	0,208173	0	0,010329	0	0,015116	0
43	STERRADX	LinStatic	-0,208169	0	-0,009854	0	-0,015192	0
43	TERMP	LinStatic	-3,3E-05	0	6,217E-06	0	-3,801E-06	0
43	TERMN	LinStatic	0,0001	0	-1,9E-05	0	1,1E-05	0
43	GRADTP	LinStatic	-1,9E-07	0	0,000104	0	-2,5E-05	0
43	GRADTN	LinStatic	1,9E-07	0	-0,000104	0	2,5E-05	0
43	LM71C	LinStatic	1,039E-07	0	-0,012926	0	0,000125	0
43	STLM71	LinStatic	0,124181	0	0,006943	0	0,010215	0
43	AVVLM71	LinStatic	0,067711	0	0,004825	0	0,00725	0
43	SW2	LinStatic	8,657E-08	0	-0,010769	0	0,000104	0
43	STSW2	LinStatic	0,103465	0	0,005785	0	0,008511	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
43	FRENSW2	LinStatic	0,071831	0	0,005118	0	0,007691	0
43	INCRTER	LinStatic	0,284114	0	0,015886	0	0,023372	0
43	LM71SISO	LinStatic	0,025583	0	0,001823	0	0,002739	0
43	SW2SISO	LinStatic	0,02133	0	0,00152	0	0,002284	0
43	SISMAO	LinStatic	0,126327	0	0,008196	0	0,012313	0
43	LM71SVA	LinStatic	-3,227E-09	0	0,000401	0	-3,871E-06	0
43	SW2SVA	LinStatic	-2,686E-09	0	0,000334	0	-3,223E-06	0
43	SISMAVA	LinStatic	3,403E-06	0	0,002666	0	-1,4E-05	0
43	LM71SVB	LinStatic	3,227E-09	0	-0,000401	0	3,871E-06	0
43	SW2SVB	LinStatic	2,686E-09	0	-0,000334	0	3,223E-06	0
43	SISMAVB	LinStatic	-5,196E-06	0	-0,002666	0	1,4E-05	0
44	PP	LinStatic	1,892E-07	0	-0,015028	0	-3,9E-05	0
44	REINTSUP	LinStatic	-2,109E-08	0	-0,002623	0	-2,5E-05	0
44	BALLAST	LinStatic	-2,433E-08	0	-0,003026	0	-2,9E-05	0
44	STERRASX	LinStatic	0,208169	0	-0,009854	0	0,015192	0
44	STERRADX	LinStatic	-0,208173	0	0,010329	0	-0,015116	0
44	TERMP	LinStatic	3,3E-05	0	6,217E-06	0	3,801E-06	0
44	TERMN	LinStatic	-0,0001	0	-1,9E-05	0	-1,1E-05	0
44	GRADTP	LinStatic	1,9E-07	0	0,000104	0	2,5E-05	0
44	GRADTN	LinStatic	-1,9E-07	0	-0,000104	0	-2,5E-05	0
44	LM71C	LinStatic	-1,039E-07	0	-0,012926	0	-0,000125	0
44	STLM71	LinStatic	0,124179	0	-0,006689	0	0,010259	0
44	AVVLM71	LinStatic	0,067711	0	-0,004825	0	0,00725	0
44	SW2	LinStatic	-8,658E-08	0	-0,010769	0	-0,000104	0
44	STSW2	LinStatic	0,103463	0	-0,005573	0	0,008547	0
44	FRENSW2	LinStatic	0,071831	0	-0,005118	0	0,007691	0
44	INCRTER	LinStatic	0,284109	0	-0,015303	0	0,023471	0
44	LM71SISO	LinStatic	0,025583	0	-0,001823	0	0,002739	0
44	SW2SISO	LinStatic	0,02133	0	-0,00152	0	0,002284	0
44	SISMAO	LinStatic	0,126327	0	-0,008196	0	0,012313	0
44	LM71SVA	LinStatic	3,227E-09	0	0,000401	0	3,871E-06	0
44	SW2SVA	LinStatic	2,686E-09	0	0,000334	0	3,223E-06	0
44	SISMAVA	LinStatic	3,358E-06	0	0,002665	0	1,5E-05	0
44	LM71SVB	LinStatic	-3,227E-09	0	-0,000401	0	-3,871E-06	0
44	SW2SVB	LinStatic	-2,686E-09	0	-0,000334	0	-3,223E-06	0
44	SISMAVB	LinStatic	-5,151E-06	0	-0,002664	0	-1,5E-05	0
45	PP	LinStatic	5,675E-07	0	-0,014934	0	-8,6E-05	0
45	REINTSUP	LinStatic	-6,326E-08	0	-0,002564	0	-5E-05	0
45	BALLAST	LinStatic	-7,299E-08	0	-0,002958	0	-5,8E-05	0
45	STERRASX	LinStatic	0,208166	0	-0,030225	0	0,015398	0
45	STERRADX	LinStatic	-0,208176	0	0,030497	0	-0,01517	0
45	TERMP	LinStatic	0,0001	0	-3,92E-06	0	1,1E-05	0
45	TERMN	LinStatic	-0,0003	0	1,2E-05	0	-3,4E-05	0
45	GRADTP	LinStatic	5,7E-07	0	3,9E-05	0	7,4E-05	0
45	GRADTN	LinStatic	-5,7E-07	0	-3,9E-05	0	-7,4E-05	0
45	LM71C	LinStatic	-3,117E-07	0	-0,012633	0	-0,000249	0
45	STLM71	LinStatic	0,124177	0	-0,020444	0	0,0104	0
45	AVVLM71	LinStatic	0,06771	0	-0,014539	0	0,007347	0
45	SW2	LinStatic	-2,597E-07	0	-0,010525	0	-0,000207	0
45	STSW2	LinStatic	0,103461	0	-0,017034	0	0,008665	0
45	FRENSW2	LinStatic	0,07183	0	-0,015424	0	0,007794	0
45	INCRTER	LinStatic	0,284104	0	-0,046774	0	0,023795	0
45	LM71SISO	LinStatic	0,025582	0	-0,005493	0	0,002776	0
45	SW2SISO	LinStatic	0,02133	0	-0,00458	0	0,002314	0
45	SISMAO	LinStatic	0,126325	0	-0,024686	0	0,012462	0
45	LM71SVA	LinStatic	9,681E-09	0	0,000392	0	7,722E-06	0
45	SW2SVA	LinStatic	8,059E-09	0	0,000327	0	6,428E-06	0
45	SISMAVA	LinStatic	3,313E-06	0	0,00263	0	3,1E-05	0
45	LM71SVB	LinStatic	-9,681E-09	0	-0,000392	0	-7,722E-06	0
45	SW2SVB	LinStatic	-8,059E-09	0	-0,000327	0	-6,428E-06	0
45	SISMAVB	LinStatic	-5,106E-06	0	-0,002629	0	-3,1E-05	0
46	PP	LinStatic	6,1E-07	0	-0,01492	0	-8,7E-05	0
46	REINTSUP	LinStatic	-6,8E-08	0	-0,002555	0	-4,9E-05	0
46	BALLAST	LinStatic	-7,847E-08	0	-0,002949	0	-5,7E-05	0
46	STERRASX	LinStatic	0,208166	0	-0,032536	0	0,015429	0
46	STERRADX	LinStatic	-0,208176	0	0,032772	0	-0,015184	0
46	TERMP	LinStatic	0,000107	0	-5,695E-06	0	1,2E-05	0
46	TERMN	LinStatic	-0,000322	0	1,7E-05	0	-3,7E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
46	GRADTP	LinStatic	6,127E-07	0	2,7E-05	0	7,9E-05	0
46	GRADTN	LinStatic	-6,127E-07	0	-2,7E-05	0	-7,9E-05	0
46	LM71C	LinStatic	-3,351E-07	0	-0,012593	0	-0,000244	0
46	STLM71	LinStatic	0,124177	0	-0,022005	0	0,010423	0
46	AVVLM71	LinStatic	0,06771	0	-0,015642	0	0,007364	0
46	SW2	LinStatic	-2,792E-07	0	-0,010492	0	-0,000203	0
46	STSW2	LinStatic	0,103461	0	-0,018334	0	0,008684	0
46	FRENSW2	LinStatic	0,07183	0	-0,016593	0	0,007812	0
46	INCRTER	LinStatic	0,284103	0	-0,050346	0	0,023846	0
46	LM71SISO	LinStatic	0,025582	0	-0,00591	0	0,002782	0
46	SW2SISO	LinStatic	0,02133	0	-0,004927	0	0,00232	0
46	SISMAO	LinStatic	0,126325	0	-0,026556	0	0,012488	0
46	LM71SVA	LinStatic	1,041E-08	0	0,000391	0	7,568E-06	0
46	SW2SVA	LinStatic	8,664E-09	0	0,000326	0	6,3E-06	0
46	SISMAVA	LinStatic	3,308E-06	0	0,002625	0	3,1E-05	0
46	LM71SVB	LinStatic	-1,041E-08	0	-0,000391	0	-7,568E-06	0
46	SW2SVB	LinStatic	-8,664E-09	0	-0,000326	0	-6,3E-06	0
46	SISMAVB	LinStatic	-5,101E-06	0	-0,002624	0	-3,1E-05	0
47	PP	LinStatic	6,526E-07	0	-0,014907	0	-8,6E-05	0
47	REINTSUP	LinStatic	-7,275E-08	0	-0,002548	0	-4,7E-05	0
47	BALLAST	LinStatic	-8,394E-08	0	-0,002939	0	-5,5E-05	0
47	STERRASX	LinStatic	0,208166	0	-0,034852	0	0,015462	0
47	STERRADX	LinStatic	-0,208176	0	0,03505	0	-0,015199	0
47	TERMP	LinStatic	0,000115	0	-7,598E-06	0	1,3E-05	0
47	TERMN	LinStatic	-0,000345	0	2,3E-05	0	-3,9E-05	0
47	GRADTP	LinStatic	6,555E-07	0	1,5E-05	0	8,5E-05	0
47	GRADTN	LinStatic	-6,555E-07	0	-1,5E-05	0	-8,5E-05	0
47	LM71C	LinStatic	-3,585E-07	0	-0,012554	0	-0,000234	0
47	STLM71	LinStatic	0,124176	0	-0,02357	0	0,010446	0
47	AVVLM71	LinStatic	0,06771	0	-0,016747	0	0,007382	0
47	SW2	LinStatic	-2,987E-07	0	-0,01046	0	-0,000195	0
47	STSW2	LinStatic	0,103461	0	-0,019638	0	0,008703	0
47	FRENSW2	LinStatic	0,07183	0	-0,017766	0	0,007831	0
47	INCRTER	LinStatic	0,284102	0	-0,053925	0	0,023899	0
47	LM71SISO	LinStatic	0,025582	0	-0,006327	0	0,002789	0
47	SW2SISO	LinStatic	0,02133	0	-0,005276	0	0,002325	0
47	SISMAO	LinStatic	0,126325	0	-0,02843	0	0,012516	0
47	LM71SVA	LinStatic	1,113E-08	0	0,00039	0	7,256E-06	0
47	SW2SVA	LinStatic	9,268E-09	0	0,000325	0	6,04E-06	0
47	SISMAVA	LinStatic	3,303E-06	0	0,00262	0	3E-05	0
47	LM71SVB	LinStatic	-1,113E-08	0	-0,00039	0	-7,256E-06	0
47	SW2SVB	LinStatic	-9,268E-09	0	-0,000325	0	-6,04E-06	0
47	SISMAVB	LinStatic	-5,096E-06	0	-0,002619	0	-3E-05	0

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
1	PP	LinStatic	-2,153E-05	0	5,58	0	0	0
1	REINTSUP	LinStatic	2,4E-06	0	0,952	0	0	0
1	BALLAST	LinStatic	2,769E-06	0	1,098	0	0	0
1	STERRASX	LinStatic	-4,109	0	-13,139	0	0	0
1	STERRADX	LinStatic	4,108	0	13,064	0	0	0
1	TERMP	LinStatic	4,485E-06	0	0,002849	0	0	0
1	TERMN	LinStatic	-1,345E-05	0	-0,008548	0	0	0
1	GRADTP	LinStatic	-2,162E-05	0	-0,005668	0	0	0
1	GRADTN	LinStatic	2,162E-05	0	0,005668	0	0	0
1	LM71C	LinStatic	1,183E-05	0	4,69	0	0	0
1	STLM71	LinStatic	-2,155	0	-8,871	0	0	0
1	AVVLM71	LinStatic	-0,764	0	-6,276	0	0	0
1	SW2	LinStatic	9,854E-06	0	3,908	0	0	0
1	STSW2	LinStatic	-1,796	0	-7,391	0	0	0
1	FRENSW2	LinStatic	-0,811	0	-6,658	0	0	0
1	INCRTER	LinStatic	-4,931	0	-20,296	0	0	0
1	LM71SISO	LinStatic	-0,289	0	-2,371	0	0	0
1	SW2SISO	LinStatic	-0,241	0	-1,977	0	0	0
1	SISMAO	LinStatic	-1,725	0	-10,655	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
1	LM71SVA	LinStatic	-3,673E-07	0	-0,146	0	0	0
1	SW2SVA	LinStatic	-3,058E-07	0	-0,121	0	0	0
1	SISMAVA	LinStatic	2,547E-06	0	-0,981	0	0	0
1	LM71SVB	LinStatic	3,673E-07	0	0,146	0	0	0
1	SW2SVB	LinStatic	3,058E-07	0	0,121	0	0	0
1	SISMAVB	LinStatic	-2,547E-06	0	0,981	0	0	0
2	PP	LinStatic	-4,025E-05	0	11,141	0	0	0
2	REINTSUP	LinStatic	4,487E-06	0	1,899	0	0	0
2	BALLAST	LinStatic	5,177E-06	0	2,191	0	0	0
2	STERRASX	LinStatic	-8,218	0	-24,528	0	0	0
2	STERRADX	LinStatic	8,217	0	24,408	0	0	0
2	TERMP	LinStatic	8,384E-06	0	0,004617	0	0	0
2	TERMN	LinStatic	-2,515E-05	0	-0,014	0	0	0
2	GRADTP	LinStatic	-4,043E-05	0	-0,009185	0	0	0
2	GRADTN	LinStatic	4,043E-05	0	0,009185	0	0	0
2	LM71C	LinStatic	2,211E-05	0	9,356	0	0	0
2	STLM71	LinStatic	-4,31	0	-16,564	0	0	0
2	AVVLM71	LinStatic	-1,529	0	-11,724	0	0	0
2	SW2	LinStatic	1,842E-05	0	7,796	0	0	0
2	STSW2	LinStatic	-3,591	0	-13,801	0	0	0
2	FRENSW2	LinStatic	-1,622	0	-12,437	0	0	0
2	INCRTER	LinStatic	-9,862	0	-37,896	0	0	0
2	LM71SISO	LinStatic	-0,578	0	-4,429	0	0	0
2	SW2SISO	LinStatic	-0,482	0	-3,693	0	0	0
2	SISMAO	LinStatic	-3,449	0	-19,903	0	0	0
2	LM71SVA	LinStatic	-6,867E-07	0	-0,291	0	0	0
2	SW2SVA	LinStatic	-5,717E-07	0	-0,242	0	0	0
2	SISMAVA	LinStatic	4,762E-06	0	-1,957	0	0	0
2	LM71SVB	LinStatic	6,867E-07	0	0,291	0	0	0
2	SW2SVB	LinStatic	5,717E-07	0	0,242	0	0	0
2	SISMAVB	LinStatic	-4,761E-06	0	1,957	0	0	0
3	PP	LinStatic	-4,368E-05	0	12,975	0	0	0
3	REINTSUP	LinStatic	4,87E-06	0	2,209	0	0	0
3	BALLAST	LinStatic	5,619E-06	0	2,549	0	0	0
3	STERRASX	LinStatic	-9,588	0	-26,582	0	0	0
3	STERRADX	LinStatic	9,586	0	26,473	0	0	0
3	TERMP	LinStatic	9,099E-06	0	0,00421	0	0	0
3	TERMN	LinStatic	-2,73E-05	0	-0,013	0	0	0
3	GRADTP	LinStatic	-4,387E-05	0	-0,008375	0	0	0
3	GRADTN	LinStatic	4,387E-05	0	0,008375	0	0	0
3	LM71C	LinStatic	2,4E-05	0	10,887	0	0	0
3	STLM71	LinStatic	-5,029	0	-17,954	0	0	0
3	AVVLM71	LinStatic	-1,783	0	-12,713	0	0	0
3	SW2	LinStatic	1,999E-05	0	9,071	0	0	0
3	STSW2	LinStatic	-4,19	0	-14,958	0	0	0
3	FRENSW2	LinStatic	-1,892	0	-13,486	0	0	0
3	INCRTER	LinStatic	-11,505	0	-41,076	0	0	0
3	LM71SISO	LinStatic	-0,674	0	-4,803	0	0	0
3	SW2SISO	LinStatic	-0,562	0	-4,005	0	0	0
3	SISMAO	LinStatic	-4,024	0	-21,581	0	0	0
3	LM71SVA	LinStatic	-7,453E-07	0	-0,338	0	0	0
3	SW2SVA	LinStatic	-6,204E-07	0	-0,281	0	0	0
3	SISMAVA	LinStatic	5,168E-06	0	-2,277	0	0	0
3	LM71SVB	LinStatic	7,453E-07	0	0,338	0	0	0
3	SW2SVB	LinStatic	6,204E-07	0	0,281	0	0	0
3	SISMAVB	LinStatic	-5,167E-06	0	2,278	0	0	0
4	PP	LinStatic	-4,493E-05	0	14,794	0	0	0
4	REINTSUP	LinStatic	5,009E-06	0	2,516	0	0	0
4	BALLAST	LinStatic	5,779E-06	0	2,903	0	0	0
4	STERRASX	LinStatic	-10,957	0	-27,291	0	0	0
4	STERRADX	LinStatic	10,956	0	27,209	0	0	0
4	TERMP	LinStatic	9,359E-06	0	0,00317	0	0	0
4	TERMN	LinStatic	-2,808E-05	0	-0,009511	0	0	0
4	GRADTP	LinStatic	-4,513E-05	0	-0,006307	0	0	0
4	GRADTN	LinStatic	4,513E-05	0	0,006307	0	0	0
4	LM71C	LinStatic	2,468E-05	0	12,4	0	0	0
4	STLM71	LinStatic	-5,747	0	-18,436	0	0	0
4	AVVLM71	LinStatic	-2,038	0	-13,062	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
4	SW2	LinStatic	2,056E-05	0	10,331	0	0	0
4	STSW2	LinStatic	-4,788	0	-15,361	0	0	0
4	FRENSW2	LinStatic	-2,162	0	-13,857	0	0	0
4	INCRTER	LinStatic	-13,149	0	-42,18	0	0	0
4	LM71SISO	LinStatic	-0,77	0	-4,935	0	0	0
4	SW2SISO	LinStatic	-0,642	0	-4,115	0	0	0
4	SISMAO	LinStatic	-4,599	0	-22,172	0	0	0
4	LM71SVA	LinStatic	-7,666E-07	0	-0,385	0	0	0
4	SW2SVA	LinStatic	-6,381E-07	0	-0,321	0	0	0
4	SISMAVA	LinStatic	5,316E-06	0	-2,594	0	0	0
4	LM71SVB	LinStatic	7,666E-07	0	0,385	0	0	0
4	SW2SVB	LinStatic	6,381E-07	0	0,321	0	0	0
4	SISMAVB	LinStatic	-5,315E-06	0	2,595	0	0	0
5	PP	LinStatic	-3,994E-05	0	14,761	0	0	0
5	REINTSUP	LinStatic	4,452E-06	0	2,508	0	0	0
5	BALLAST	LinStatic	5,137E-06	0	2,894	0	0	0
5	STERRASX	LinStatic	-10,957	0	-24,215	0	0	0
5	STERRADX	LinStatic	10,956	0	24,171	0	0	0
5	TERMP	LinStatic	8,319E-06	0	0,001703	0	0	0
5	TERMN	LinStatic	-2,496E-05	0	-0,005108	0	0	0
5	GRADTP	LinStatic	-4,011E-05	0	-0,003388	0	0	0
5	GRADTN	LinStatic	4,011E-05	0	0,003388	0	0	0
5	LM71C	LinStatic	2,194E-05	0	12,358	0	0	0
5	STLM71	LinStatic	-5,747	0	-16,362	0	0	0
5	AVVLM71	LinStatic	-2,038	0	-11,599	0	0	0
5	SW2	LinStatic	1,828E-05	0	10,297	0	0	0
5	STSW2	LinStatic	-4,788	0	-13,632	0	0	0
5	FRENSW2	LinStatic	-2,162	0	-12,305	0	0	0
5	INCRTER	LinStatic	-13,149	0	-37,433	0	0	0
5	LM71SISO	LinStatic	-0,77	0	-4,382	0	0	0
5	SW2SISO	LinStatic	-0,642	0	-3,654	0	0	0
5	SISMAO	LinStatic	-4,599	0	-19,688	0	0	0
5	LM71SVA	LinStatic	-6,814E-07	0	-0,384	0	0	0
5	SW2SVA	LinStatic	-5,672E-07	0	-0,32	0	0	0
5	SISMAVA	LinStatic	4,725E-06	0	-2,586	0	0	0
5	LM71SVB	LinStatic	6,814E-07	0	0,384	0	0	0
5	SW2SVB	LinStatic	5,672E-07	0	0,32	0	0	0
5	SISMAVB	LinStatic	-4,724E-06	0	2,586	0	0	0
6	PP	LinStatic	-3,495E-05	0	14,73	0	0	0
6	REINTSUP	LinStatic	3,896E-06	0	2,5	0	0	0
6	BALLAST	LinStatic	4,495E-06	0	2,885	0	0	0
6	STERRASX	LinStatic	-10,957	0	-21,151	0	0	0
6	STERRADX	LinStatic	10,956	0	21,14	0	0	0
6	TERMP	LinStatic	7,279E-06	0	0,0004086	0	0	0
6	TERMN	LinStatic	-2,184E-05	0	-0,001226	0	0	0
6	GRADTP	LinStatic	-3,51E-05	0	-0,0008128	0	0	0
6	GRADTN	LinStatic	3,51E-05	0	0,0008128	0	0	0
6	LM71C	LinStatic	1,92E-05	0	12,32	0	0	0
6	STLM71	LinStatic	-5,747	0	-14,294	0	0	0
6	AVVLM71	LinStatic	-2,038	0	-10,14	0	0	0
6	SW2	LinStatic	1,599E-05	0	10,264	0	0	0
6	STSW2	LinStatic	-4,788	0	-11,91	0	0	0
6	FRENSW2	LinStatic	-2,162	0	-10,756	0	0	0
6	INCRTER	LinStatic	-13,148	0	-32,704	0	0	0
6	LM71SISO	LinStatic	-0,77	0	-3,831	0	0	0
6	SW2SISO	LinStatic	-0,642	0	-3,194	0	0	0
6	SISMAO	LinStatic	-4,599	0	-17,21	0	0	0
6	LM71SVA	LinStatic	-5,962E-07	0	-0,383	0	0	0
6	SW2SVA	LinStatic	-4,963E-07	0	-0,319	0	0	0
6	SISMAVA	LinStatic	4,135E-06	0	-2,579	0	0	0
6	LM71SVB	LinStatic	5,962E-07	0	0,383	0	0	0
6	SW2SVB	LinStatic	4,963E-07	0	0,319	0	0	0
6	SISMAVB	LinStatic	-4,134E-06	0	2,579	0	0	0
7	PP	LinStatic	-2,995E-05	0	14,701	0	0	0
7	REINTSUP	LinStatic	3,339E-06	0	2,493	0	0	0
7	BALLAST	LinStatic	3,853E-06	0	2,876	0	0	0
7	STERRASX	LinStatic	-10,957	0	-18,098	0	0	0
7	STERRADX	LinStatic	10,956	0	18,116	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
7	TERMP	LinStatic	6,239E-06	0	-0,0007127	0	0	0
7	TERMN	LinStatic	-1,872E-05	0	0,002138	0	0	0
7	GRADTP	LinStatic	-3,009E-05	0	0,001418	0	0	0
7	GRADTN	LinStatic	3,009E-05	0	-0,001418	0	0	0
7	LM71C	LinStatic	1,645E-05	0	12,285	0	0	0
7	STLM71	LinStatic	-5,747	0	-12,234	0	0	0
7	AVVLM71	LinStatic	-2,038	0	-8,684	0	0	0
7	SW2	LinStatic	1,371E-05	0	10,235	0	0	0
7	STSW2	LinStatic	-4,788	0	-10,193	0	0	0
7	FRENSW2	LinStatic	-2,162	0	-9,212	0	0	0
7	INCRTER	LinStatic	-13,148	0	-27,99	0	0	0
7	LM71SISO	LinStatic	-0,77	0	-3,281	0	0	0
7	SW2SISO	LinStatic	-0,642	0	-2,736	0	0	0
7	SISMAO	LinStatic	-4,599	0	-14,739	0	0	0
7	LM71SVA	LinStatic	-5,11E-07	0	-0,382	0	0	0
7	SW2SVA	LinStatic	-4,254E-07	0	-0,318	0	0	0
7	SISMAVA	LinStatic	3,544E-06	0	-2,572	0	0	0
7	LM71SVB	LinStatic	5,11E-07	0	0,382	0	0	0
7	SW2SVB	LinStatic	4,254E-07	0	0,318	0	0	0
7	SISMAVB	LinStatic	-3,543E-06	0	2,572	0	0	0
8	PP	LinStatic	-2,496E-05	0	14,676	0	0	0
8	REINTSUP	LinStatic	2,783E-06	0	2,487	0	0	0
8	BALLAST	LinStatic	3,211E-06	0	2,869	0	0	0
8	STERRASX	LinStatic	-10,957	0	-15,055	0	0	0
8	STERRADX	LinStatic	10,956	0	15,098	0	0	0
8	TERMP	LinStatic	5,199E-06	0	-0,001661	0	0	0
8	TERMN	LinStatic	-1,56E-05	0	0,004983	0	0	0
8	GRADTP	LinStatic	-2,507E-05	0	0,003305	0	0	0
8	GRADTN	LinStatic	2,507E-05	0	-0,003305	0	0	0
8	LM71C	LinStatic	1,371E-05	0	12,254	0	0	0
8	STLM71	LinStatic	-5,747	0	-10,18	0	0	0
8	AVVLM71	LinStatic	-2,038	0	-7,231	0	0	0
8	SW2	LinStatic	1,142E-05	0	10,21	0	0	0
8	STSW2	LinStatic	-4,788	0	-8,481	0	0	0
8	FRENSW2	LinStatic	-2,162	0	-7,671	0	0	0
8	INCRTER	LinStatic	-13,148	0	-23,29	0	0	0
8	LM71SISO	LinStatic	-0,77	0	-2,732	0	0	0
8	SW2SISO	LinStatic	-0,642	0	-2,278	0	0	0
8	SISMAO	LinStatic	-4,599	0	-12,273	0	0	0
8	LM71SVA	LinStatic	-4,259E-07	0	-0,381	0	0	0
8	SW2SVA	LinStatic	-3,545E-07	0	-0,317	0	0	0
8	SISMAVA	LinStatic	2,953E-06	0	-2,566	0	0	0
8	LM71SVB	LinStatic	4,259E-07	0	0,381	0	0	0
8	SW2SVB	LinStatic	3,545E-07	0	0,317	0	0	0
8	SISMAVB	LinStatic	-2,953E-06	0	2,566	0	0	0
9	PP	LinStatic	-1,997E-05	0	14,655	0	0	0
9	REINTSUP	LinStatic	2,226E-06	0	2,481	0	0	0
9	BALLAST	LinStatic	2,569E-06	0	2,863	0	0	0
9	STERRASX	LinStatic	-10,956	0	-12,021	0	0	0
9	STERRADX	LinStatic	10,956	0	12,084	0	0	0
9	TERMP	LinStatic	4,16E-06	0	-0,002437	0	0	0
9	TERMN	LinStatic	-1,248E-05	0	0,00731	0	0	0
9	GRADTP	LinStatic	-2,006E-05	0	0,004848	0	0	0
9	GRADTN	LinStatic	2,006E-05	0	-0,004848	0	0	0
9	LM71C	LinStatic	1,097E-05	0	12,228	0	0	0
9	STLM71	LinStatic	-5,747	0	-8,131	0	0	0
9	AVVLM71	LinStatic	-2,038	0	-5,782	0	0	0
9	SW2	LinStatic	9,14E-06	0	10,188	0	0	0
9	STSW2	LinStatic	-4,788	0	-6,775	0	0	0
9	FRENSW2	LinStatic	-2,162	0	-6,133	0	0	0
9	INCRTER	LinStatic	-13,148	0	-18,603	0	0	0
9	LM71SISO	LinStatic	-0,77	0	-2,184	0	0	0
9	SW2SISO	LinStatic	-0,642	0	-1,821	0	0	0
9	SISMAO	LinStatic	-4,599	0	-9,812	0	0	0
9	LM71SVA	LinStatic	-3,407E-07	0	-0,38	0	0	0
9	SW2SVA	LinStatic	-2,836E-07	0	-0,316	0	0	0
9	SISMAVA	LinStatic	2,363E-06	0	-2,56	0	0	0
9	LM71SVB	LinStatic	3,407E-07	0	0,38	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
9	SW2SVB	LinStatic	2,836E-07	0	0,316	0	0	0
9	SISMAVB	LinStatic	-2,362E-06	0	2,56	0	0	0
10	PP	LinStatic	-1,498E-05	0	14,637	0	0	0
10	REINTSUP	LinStatic	1,67E-06	0	2,477	0	0	0
10	BALLAST	LinStatic	1,926E-06	0	2,858	0	0	0
10	STERRASX	LinStatic	-10,956	0	-8,995	0	0	0
10	STERRADX	LinStatic	10,956	0	9,074	0	0	0
10	TERMP	LinStatic	3,12E-06	0	-0,00304	0	0	0
10	TERMN	LinStatic	-9,359E-06	0	0,00912	0	0	0
10	GRADTP	LinStatic	-1,504E-05	0	0,006048	0	0	0
10	GRADTN	LinStatic	1,504E-05	0	-0,006048	0	0	0
10	LM71C	LinStatic	8,227E-06	0	12,207	0	0	0
10	STLM71	LinStatic	-5,747	0	-6,087	0	0	0
10	AVVLM71	LinStatic	-2,038	0	-4,334	0	0	0
10	SW2	LinStatic	6,855E-06	0	10,171	0	0	0
10	STSW2	LinStatic	-4,788	0	-5,072	0	0	0
10	FRENSW2	LinStatic	-2,162	0	-4,598	0	0	0
10	INCRTER	LinStatic	-13,148	0	-13,927	0	0	0
10	LM71SISO	LinStatic	-0,77	0	-1,637	0	0	0
10	SW2SISO	LinStatic	-0,642	0	-1,365	0	0	0
10	SISMAO	LinStatic	-4,599	0	-7,355	0	0	0
10	LM71SVA	LinStatic	-2,555E-07	0	-0,379	0	0	0
10	SW2SVA	LinStatic	-2,127E-07	0	-0,316	0	0	0
10	SISMAVA	LinStatic	1,772E-06	0	-2,556	0	0	0
10	LM71SVB	LinStatic	2,555E-07	0	0,379	0	0	0
10	SW2SVB	LinStatic	2,127E-07	0	0,316	0	0	0
10	SISMAVB	LinStatic	-1,772E-06	0	2,556	0	0	0
11	PP	LinStatic	-9,985E-06	0	14,625	0	0	0
11	REINTSUP	LinStatic	1,113E-06	0	2,474	0	0	0
11	BALLAST	LinStatic	1,284E-06	0	2,855	0	0	0
11	STERRASX	LinStatic	-10,956	0	-5,975	0	0	0
11	STERRADX	LinStatic	10,956	0	6,066	0	0	0
11	TERMP	LinStatic	2,08E-06	0	-0,003471	0	0	0
11	TERMN	LinStatic	-6,239E-06	0	0,01	0	0	0
11	GRADTP	LinStatic	-1,003E-05	0	0,006904	0	0	0
11	GRADTN	LinStatic	1,003E-05	0	-0,006904	0	0	0
11	LM71C	LinStatic	5,485E-06	0	12,192	0	0	0
11	STLM71	LinStatic	-5,747	0	-4,047	0	0	0
11	AVVLM71	LinStatic	-2,038	0	-2,888	0	0	0
11	SW2	LinStatic	4,57E-06	0	10,158	0	0	0
11	STSW2	LinStatic	-4,788	0	-3,372	0	0	0
11	FRENSW2	LinStatic	-2,162	0	-3,064	0	0	0
11	INCRTER	LinStatic	-13,148	0	-9,26	0	0	0
11	LM71SISO	LinStatic	-0,77	0	-1,091	0	0	0
11	SW2SISO	LinStatic	-0,642	0	-0,91	0	0	0
11	SISMAO	LinStatic	-4,599	0	-4,902	0	0	0
11	LM71SVA	LinStatic	-1,703E-07	0	-0,379	0	0	0
11	SW2SVA	LinStatic	-1,418E-07	0	-0,315	0	0	0
11	SISMAVA	LinStatic	1,181E-06	0	-2,553	0	0	0
11	LM71SVB	LinStatic	1,703E-07	0	0,379	0	0	0
11	SW2SVB	LinStatic	1,418E-07	0	0,315	0	0	0
11	SISMAVB	LinStatic	-1,181E-06	0	2,553	0	0	0
12	PP	LinStatic	-4,992E-06	0	14,617	0	0	0
12	REINTSUP	LinStatic	5,565E-07	0	2,472	0	0	0
12	BALLAST	LinStatic	6,421E-07	0	2,853	0	0	0
12	STERRASX	LinStatic	-10,956	0	-2,961	0	0	0
12	STERRADX	LinStatic	10,956	0	3,058	0	0	0
12	TERMP	LinStatic	1,04E-06	0	-0,003729	0	0	0
12	TERMN	LinStatic	-3,12E-06	0	0,011	0	0	0
12	GRADTP	LinStatic	-5,014E-06	0	0,007418	0	0	0
12	GRADTN	LinStatic	5,014E-06	0	-0,007418	0	0	0
12	LM71C	LinStatic	2,742E-06	0	12,183	0	0	0
12	STLM71	LinStatic	-5,747	0	-2,01	0	0	0
12	AVVLM71	LinStatic	-2,038	0	-1,444	0	0	0
12	SW2	LinStatic	2,285E-06	0	10,15	0	0	0
12	STSW2	LinStatic	-4,788	0	-1,675	0	0	0
12	FRENSW2	LinStatic	-2,162	0	-1,532	0	0	0
12	INCRTER	LinStatic	-13,148	0	-4,6	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
12	LM71SISO	LinStatic	-0,77	0	-0,546	0	0	0
12	SW2SISO	LinStatic	-0,642	0	-0,455	0	0	0
12	SISMAO	LinStatic	-4,599	0	-2,45	0	0	0
12	LM71SVA	LinStatic	-8,517E-08	0	-0,378	0	0	0
12	SW2SVA	LinStatic	-7,09E-08	0	-0,315	0	0	0
12	SISMAVA	LinStatic	5,907E-07	0	-2,551	0	0	0
12	LM71SVB	LinStatic	8,517E-08	0	0,378	0	0	0
12	SW2SVB	LinStatic	7,09E-08	0	0,315	0	0	0
12	SISMAVB	LinStatic	-5,905E-07	0	2,551	0	0	0
13	PP	LinStatic	-2,543E-14	0	14,615	0	0	0
13	REINTSUP	LinStatic	4,904E-15	0	2,472	0	0	0
13	BALLAST	LinStatic	5,621E-15	0	2,852	0	0	0
13	STERRASX	LinStatic	-10,956	0	0,05	0	0	0
13	STERRADX	LinStatic	10,956	0	0,05	0	0	0
13	TERMP	LinStatic	3,323E-14	0	-0,003815	0	0	0
13	TERMN	LinStatic	-1,346E-13	0	0,011	0	0	0
13	GRADTP	LinStatic	-1,899E-14	0	0,00759	0	0	0
13	GRADTN	LinStatic	1,899E-14	0	-0,00759	0	0	0
13	LM71C	LinStatic	2,419E-14	0	12,18	0	0	0
13	STLM71	LinStatic	-5,747	0	0,024	0	0	0
13	AVVLM71	LinStatic	-2,038	0	-4,755E-11	0	0	0
13	SW2	LinStatic	2,021E-14	0	10,148	0	0	0
13	STSW2	LinStatic	-4,788	0	0,02	0	0	0
13	FRENSW2	LinStatic	-2,162	0	-5,045E-11	0	0	0
13	INCRTER	LinStatic	-13,148	0	0,056	0	0	0
13	LM71SISO	LinStatic	-0,77	0	-1,797E-11	0	0	0
13	SW2SISO	LinStatic	-0,642	0	-1,498E-11	0	0	0
13	SISMAO	LinStatic	-4,599	0	-8,065E-11	0	0	0
13	LM71SVA	LinStatic	-7,552E-16	0	-0,378	0	0	0
13	SW2SVA	LinStatic	-6,173E-16	0	-0,315	0	0	0
13	SISMAVA	LinStatic	-1,055E-14	0	-2,551	0	0	0
13	LM71SVB	LinStatic	7,552E-16	0	0,378	0	0	0
13	SW2SVB	LinStatic	6,173E-16	0	0,315	0	0	0
13	SISMAVB	LinStatic	1,583E-14	0	2,55	0	0	0
14	PP	LinStatic	4,992E-06	0	14,617	0	0	0
14	REINTSUP	LinStatic	-5,565E-07	0	2,472	0	0	0
14	BALLAST	LinStatic	-6,421E-07	0	2,853	0	0	0
14	STERRASX	LinStatic	-10,956	0	3,058	0	0	0
14	STERRADX	LinStatic	10,956	0	-2,961	0	0	0
14	TERMP	LinStatic	-1,04E-06	0	-0,003729	0	0	0
14	TERMN	LinStatic	3,12E-06	0	0,011	0	0	0
14	GRADTP	LinStatic	5,014E-06	0	0,007418	0	0	0
14	GRADTN	LinStatic	-5,014E-06	0	-0,007418	0	0	0
14	LM71C	LinStatic	-2,742E-06	0	12,183	0	0	0
14	STLM71	LinStatic	-5,747	0	2,058	0	0	0
14	AVVLM71	LinStatic	-2,038	0	1,444	0	0	0
14	SW2	LinStatic	-2,285E-06	0	10,15	0	0	0
14	STSW2	LinStatic	-4,788	0	1,715	0	0	0
14	FRENSW2	LinStatic	-2,162	0	1,532	0	0	0
14	INCRTER	LinStatic	-13,147	0	4,709	0	0	0
14	LM71SISO	LinStatic	-0,77	0	0,546	0	0	0
14	SW2SISO	LinStatic	-0,642	0	0,455	0	0	0
14	SISMAO	LinStatic	-4,599	0	2,45	0	0	0
14	LM71SVA	LinStatic	8,517E-08	0	-0,378	0	0	0
14	SW2SVA	LinStatic	7,09E-08	0	-0,315	0	0	0
14	SISMAVA	LinStatic	-5,907E-07	0	-2,551	0	0	0
14	LM71SVB	LinStatic	-8,517E-08	0	0,378	0	0	0
14	SW2SVB	LinStatic	-7,09E-08	0	0,315	0	0	0
14	SISMAVB	LinStatic	5,905E-07	0	2,551	0	0	0
15	PP	LinStatic	9,985E-06	0	14,625	0	0	0
15	REINTSUP	LinStatic	-1,113E-06	0	2,474	0	0	0
15	BALLAST	LinStatic	-1,284E-06	0	2,855	0	0	0
15	STERRASX	LinStatic	-10,956	0	6,066	0	0	0
15	STERRADX	LinStatic	10,956	0	-5,975	0	0	0
15	TERMP	LinStatic	-2,08E-06	0	-0,003471	0	0	0
15	TERMN	LinStatic	6,239E-06	0	0,01	0	0	0
15	GRADTP	LinStatic	1,003E-05	0	0,006904	0	0	0
15	GRADTN	LinStatic	-1,003E-05	0	-0,006904	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
15	LM71C	LinStatic	-5,485E-06	0	12,192	0	0	0
15	STLM71	LinStatic	-5,747	0	4,092	0	0	0
15	AVVLM71	LinStatic	-2,038	0	2,888	0	0	0
15	SW2	LinStatic	-4,57E-06	0	10,158	0	0	0
15	STSW2	LinStatic	-4,788	0	3,409	0	0	0
15	FRENSW2	LinStatic	-2,162	0	3,064	0	0	0
15	INCRTER	LinStatic	-13,147	0	9,361	0	0	0
15	LM71SISO	LinStatic	-0,77	0	1,091	0	0	0
15	SW2SISO	LinStatic	-0,642	0	0,91	0	0	0
15	SISMAO	LinStatic	-4,599	0	4,902	0	0	0
15	LM71SVA	LinStatic	1,703E-07	0	-0,379	0	0	0
15	SW2SVA	LinStatic	1,418E-07	0	-0,315	0	0	0
15	SISMAVA	LinStatic	-1,181E-06	0	-2,553	0	0	0
15	LM71SVB	LinStatic	-1,703E-07	0	0,379	0	0	0
15	SW2SVB	LinStatic	-1,418E-07	0	0,315	0	0	0
15	SISMAVB	LinStatic	1,181E-06	0	2,552	0	0	0
16	PP	LinStatic	1,498E-05	0	14,637	0	0	0
16	REINTSUP	LinStatic	-1,67E-06	0	2,477	0	0	0
16	BALLAST	LinStatic	-1,926E-06	0	2,858	0	0	0
16	STERRASX	LinStatic	-10,956	0	9,074	0	0	0
16	STERRADX	LinStatic	10,956	0	-8,995	0	0	0
16	TERMP	LinStatic	-3,12E-06	0	-0,00304	0	0	0
16	TERMN	LinStatic	9,359E-06	0	0,00912	0	0	0
16	GRADTP	LinStatic	1,504E-05	0	0,006048	0	0	0
16	GRADTN	LinStatic	-1,504E-05	0	-0,006048	0	0	0
16	LM71C	LinStatic	-8,227E-06	0	12,207	0	0	0
16	STLM71	LinStatic	-5,747	0	6,126	0	0	0
16	AVVLM71	LinStatic	-2,038	0	4,334	0	0	0
16	SW2	LinStatic	-6,855E-06	0	10,171	0	0	0
16	STSW2	LinStatic	-4,788	0	5,104	0	0	0
16	FRENSW2	LinStatic	-2,162	0	4,598	0	0	0
16	INCRTER	LinStatic	-13,147	0	14,016	0	0	0
16	LM71SISO	LinStatic	-0,77	0	1,637	0	0	0
16	SW2SISO	LinStatic	-0,642	0	1,365	0	0	0
16	SISMAO	LinStatic	-4,599	0	7,355	0	0	0
16	LM71SVA	LinStatic	2,555E-07	0	-0,379	0	0	0
16	SW2SVA	LinStatic	2,127E-07	0	-0,316	0	0	0
16	SISMAVA	LinStatic	-1,772E-06	0	-2,556	0	0	0
16	LM71SVB	LinStatic	-2,555E-07	0	0,379	0	0	0
16	SW2SVB	LinStatic	-2,127E-07	0	0,316	0	0	0
16	SISMAVB	LinStatic	1,772E-06	0	2,555	0	0	0
17	PP	LinStatic	1,997E-05	0	14,655	0	0	0
17	REINTSUP	LinStatic	-2,226E-06	0	2,481	0	0	0
17	BALLAST	LinStatic	-2,569E-06	0	2,863	0	0	0
17	STERRASX	LinStatic	-10,956	0	12,084	0	0	0
17	STERRADX	LinStatic	10,956	0	-12,021	0	0	0
17	TERMP	LinStatic	-4,16E-06	0	-0,002437	0	0	0
17	TERMN	LinStatic	1,248E-05	0	0,00731	0	0	0
17	GRADTP	LinStatic	2,006E-05	0	0,004848	0	0	0
17	GRADTN	LinStatic	-2,006E-05	0	-0,004848	0	0	0
17	LM71C	LinStatic	-1,097E-05	0	12,228	0	0	0
17	STLM71	LinStatic	-5,746	0	8,162	0	0	0
17	AVVLM71	LinStatic	-2,038	0	5,782	0	0	0
17	SW2	LinStatic	-9,14E-06	0	10,188	0	0	0
17	STSW2	LinStatic	-4,788	0	6,801	0	0	0
17	FRENSW2	LinStatic	-2,162	0	6,133	0	0	0
17	INCRTER	LinStatic	-13,147	0	18,674	0	0	0
17	LM71SISO	LinStatic	-0,77	0	2,184	0	0	0
17	SW2SISO	LinStatic	-0,642	0	1,821	0	0	0
17	SISMAO	LinStatic	-4,599	0	9,812	0	0	0
17	LM71SVA	LinStatic	3,407E-07	0	-0,38	0	0	0
17	SW2SVA	LinStatic	2,836E-07	0	-0,316	0	0	0
17	SISMAVA	LinStatic	-2,363E-06	0	-2,56	0	0	0
17	LM71SVB	LinStatic	-3,407E-07	0	0,38	0	0	0
17	SW2SVB	LinStatic	-2,836E-07	0	0,316	0	0	0
17	SISMAVB	LinStatic	2,362E-06	0	2,559	0	0	0
18	PP	LinStatic	2,496E-05	0	14,676	0	0	0
18	REINTSUP	LinStatic	-2,783E-06	0	2,487	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
18	BALLAST	LinStatic	-3,211E-06	0	2,869	0	0	0
18	STERRASX	LinStatic	-10,956	0	15,098	0	0	0
18	STERRADX	LinStatic	10,957	0	-15,055	0	0	0
18	TERMP	LinStatic	-5,199E-06	0	-0,001661	0	0	0
18	TERMN	LinStatic	1,56E-05	0	0,004983	0	0	0
18	GRADTP	LinStatic	2,507E-05	0	0,003305	0	0	0
18	GRADTN	LinStatic	-2,507E-05	0	-0,003305	0	0	0
18	LM71C	LinStatic	-1,371E-05	0	12,254	0	0	0
18	STLM71	LinStatic	-5,746	0	10,201	0	0	0
18	AVVLM71	LinStatic	-2,038	0	7,231	0	0	0
18	SW2	LinStatic	-1,142E-05	0	10,21	0	0	0
18	STSW2	LinStatic	-4,788	0	8,499	0	0	0
18	FRENSW2	LinStatic	-2,162	0	7,671	0	0	0
18	INCRTER	LinStatic	-13,147	0	23,338	0	0	0
18	LM71SISO	LinStatic	-0,77	0	2,732	0	0	0
18	SW2SISO	LinStatic	-0,642	0	2,278	0	0	0
18	SISMAO	LinStatic	-4,599	0	12,273	0	0	0
18	LM71SVA	LinStatic	4,259E-07	0	-0,381	0	0	0
18	SW2SVA	LinStatic	3,545E-07	0	-0,317	0	0	0
18	SISMAVA	LinStatic	-2,953E-06	0	-2,565	0	0	0
18	LM71SVB	LinStatic	-4,259E-07	0	0,381	0	0	0
18	SW2SVB	LinStatic	-3,545E-07	0	0,317	0	0	0
18	SISMAVB	LinStatic	2,953E-06	0	2,564	0	0	0
19	PP	LinStatic	2,995E-05	0	14,701	0	0	0
19	REINTSUP	LinStatic	-3,339E-06	0	2,493	0	0	0
19	BALLAST	LinStatic	-3,853E-06	0	2,876	0	0	0
19	STERRASX	LinStatic	-10,956	0	18,116	0	0	0
19	STERRADX	LinStatic	10,957	0	-18,098	0	0	0
19	TERMP	LinStatic	-6,239E-06	0	-0,0007127	0	0	0
19	TERMN	LinStatic	1,872E-05	0	0,002138	0	0	0
19	GRADTP	LinStatic	3,009E-05	0	0,001418	0	0	0
19	GRADTN	LinStatic	-3,009E-05	0	-0,001418	0	0	0
19	LM71C	LinStatic	-1,645E-05	0	12,285	0	0	0
19	STLM71	LinStatic	-5,746	0	12,243	0	0	0
19	AVVLM71	LinStatic	-2,038	0	8,684	0	0	0
19	SW2	LinStatic	-1,371E-05	0	10,235	0	0	0
19	STSW2	LinStatic	-4,788	0	10,2	0	0	0
19	FRENSW2	LinStatic	-2,162	0	9,212	0	0	0
19	INCRTER	LinStatic	-13,147	0	28,01	0	0	0
19	LM71SISO	LinStatic	-0,77	0	3,281	0	0	0
19	SW2SISO	LinStatic	-0,642	0	2,736	0	0	0
19	SISMAO	LinStatic	-4,599	0	14,739	0	0	0
19	LM71SVA	LinStatic	5,11E-07	0	-0,382	0	0	0
19	SW2SVA	LinStatic	4,254E-07	0	-0,318	0	0	0
19	SISMAVA	LinStatic	-3,544E-06	0	-2,57	0	0	0
19	LM71SVB	LinStatic	-5,11E-07	0	0,382	0	0	0
19	SW2SVB	LinStatic	-4,254E-07	0	0,318	0	0	0
19	SISMAVB	LinStatic	3,543E-06	0	2,57	0	0	0
20	PP	LinStatic	3,495E-05	0	14,73	0	0	0
20	REINTSUP	LinStatic	-3,896E-06	0	2,5	0	0	0
20	BALLAST	LinStatic	-4,495E-06	0	2,885	0	0	0
20	STERRASX	LinStatic	-10,956	0	21,14	0	0	0
20	STERRADX	LinStatic	10,957	0	-21,151	0	0	0
20	TERMP	LinStatic	-7,279E-06	0	0,0004086	0	0	0
20	TERMN	LinStatic	2,184E-05	0	-0,001226	0	0	0
20	GRADTP	LinStatic	3,51E-05	0	-0,0008128	0	0	0
20	GRADTN	LinStatic	-3,51E-05	0	0,0008128	0	0	0
20	LM71C	LinStatic	-1,92E-05	0	12,32	0	0	0
20	STLM71	LinStatic	-5,746	0	14,289	0	0	0
20	AVVLM71	LinStatic	-2,038	0	10,14	0	0	0
20	SW2	LinStatic	-1,599E-05	0	10,264	0	0	0
20	STSW2	LinStatic	-4,788	0	11,905	0	0	0
20	FRENSW2	LinStatic	-2,162	0	10,756	0	0	0
20	INCRTER	LinStatic	-13,147	0	32,692	0	0	0
20	LM71SISO	LinStatic	-0,77	0	3,831	0	0	0
20	SW2SISO	LinStatic	-0,642	0	3,194	0	0	0
20	SISMAO	LinStatic	-4,599	0	17,21	0	0	0
20	LM71SVA	LinStatic	5,962E-07	0	-0,383	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
20	SW2SVA	LinStatic	4,963E-07	0	-0,319	0	0	0
20	SISMAVA	LinStatic	-4,135E-06	0	-2,577	0	0	0
20	LM71SVB	LinStatic	-5,962E-07	0	0,383	0	0	0
20	SW2SVB	LinStatic	-4,963E-07	0	0,319	0	0	0
20	SISMAVB	LinStatic	4,134E-06	0	2,577	0	0	0
21	PP	LinStatic	3,994E-05	0	14,761	0	0	0
21	REINTSUP	LinStatic	-4,452E-06	0	2,508	0	0	0
21	BALLAST	LinStatic	-5,137E-06	0	2,894	0	0	0
21	STERRASX	LinStatic	-10,956	0	24,171	0	0	0
21	STERRADX	LinStatic	10,957	0	-24,215	0	0	0
21	TERMP	LinStatic	-8,319E-06	0	0,001703	0	0	0
21	TERMN	LinStatic	2,496E-05	0	-0,005108	0	0	0
21	GRADTP	LinStatic	4,011E-05	0	-0,003388	0	0	0
21	GRADTN	LinStatic	-4,011E-05	0	0,003388	0	0	0
21	LM71C	LinStatic	-2,194E-05	0	12,358	0	0	0
21	STLM71	LinStatic	-5,747	0	16,34	0	0	0
21	AVVLM71	LinStatic	-2,038	0	11,599	0	0	0
21	SW2	LinStatic	-1,828E-05	0	10,297	0	0	0
21	STSW2	LinStatic	-4,788	0	13,614	0	0	0
21	FRENSW2	LinStatic	-2,162	0	12,305	0	0	0
21	INCRTER	LinStatic	-13,147	0	37,384	0	0	0
21	LM71SISO	LinStatic	-0,77	0	4,382	0	0	0
21	SW2SISO	LinStatic	-0,642	0	3,654	0	0	0
21	SISMAO	LinStatic	-4,599	0	19,688	0	0	0
21	LM71SVA	LinStatic	6,814E-07	0	-0,384	0	0	0
21	SW2SVA	LinStatic	5,672E-07	0	-0,32	0	0	0
21	SISMAVA	LinStatic	-4,725E-06	0	-2,585	0	0	0
21	LM71SVB	LinStatic	-6,814E-07	0	0,384	0	0	0
21	SW2SVB	LinStatic	-5,672E-07	0	0,32	0	0	0
21	SISMAVB	LinStatic	4,724E-06	0	2,584	0	0	0
22	PP	LinStatic	4,493E-05	0	14,794	0	0	0
22	REINTSUP	LinStatic	-5,009E-06	0	2,516	0	0	0
22	BALLAST	LinStatic	-5,779E-06	0	2,903	0	0	0
22	STERRASX	LinStatic	-10,956	0	27,209	0	0	0
22	STERRADX	LinStatic	10,957	0	-27,291	0	0	0
22	TERMP	LinStatic	-9,359E-06	0	0,00317	0	0	0
22	TERMN	LinStatic	2,808E-05	0	-0,009511	0	0	0
22	GRADTP	LinStatic	4,513E-05	0	-0,006307	0	0	0
22	GRADTN	LinStatic	-4,513E-05	0	0,006307	0	0	0
22	LM71C	LinStatic	-2,468E-05	0	12,4	0	0	0
22	STLM71	LinStatic	-5,747	0	18,396	0	0	0
22	AVVLM71	LinStatic	-2,038	0	13,062	0	0	0
22	SW2	LinStatic	-2,056E-05	0	10,331	0	0	0
22	STSW2	LinStatic	-4,788	0	15,327	0	0	0
22	FRENSW2	LinStatic	-2,162	0	13,857	0	0	0
22	INCRTER	LinStatic	-13,147	0	42,087	0	0	0
22	LM71SISO	LinStatic	-0,77	0	4,935	0	0	0
22	SW2SISO	LinStatic	-0,642	0	4,115	0	0	0
22	SISMAO	LinStatic	-4,599	0	22,172	0	0	0
22	LM71SVA	LinStatic	7,666E-07	0	-0,385	0	0	0
22	SW2SVA	LinStatic	6,381E-07	0	-0,321	0	0	0
22	SISMAVA	LinStatic	-5,316E-06	0	-2,592	0	0	0
22	LM71SVB	LinStatic	-7,666E-07	0	0,385	0	0	0
22	SW2SVB	LinStatic	-6,381E-07	0	0,321	0	0	0
22	SISMAVB	LinStatic	5,315E-06	0	2,592	0	0	0
23	PP	LinStatic	4,368E-05	0	12,975	0	0	0
23	REINTSUP	LinStatic	-4,87E-06	0	2,209	0	0	0
23	BALLAST	LinStatic	-5,619E-06	0	2,549	0	0	0
23	STERRASX	LinStatic	-9,586	0	26,473	0	0	0
23	STERRADX	LinStatic	9,588	0	-26,582	0	0	0
23	TERMP	LinStatic	-9,099E-06	0	0,00421	0	0	0
23	TERMN	LinStatic	2,73E-05	0	-0,013	0	0	0
23	GRADTP	LinStatic	4,387E-05	0	-0,008375	0	0	0
23	GRADTN	LinStatic	-4,387E-05	0	0,008375	0	0	0
23	LM71C	LinStatic	-2,4E-05	0	10,887	0	0	0
23	STLM71	LinStatic	-5,028	0	17,9	0	0	0
23	AVVLM71	LinStatic	-1,783	0	12,713	0	0	0
23	SW2	LinStatic	-1,999E-05	0	9,071	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
23	STSW2	LinStatic	-4,189	0	14,914	0	0	0
23	FRENSW2	LinStatic	-1,892	0	13,486	0	0	0
23	INCRTER	LinStatic	-11,504	0	40,953	0	0	0
23	LM71SISO	LinStatic	-0,674	0	4,803	0	0	0
23	SW2SISO	LinStatic	-0,562	0	4,005	0	0	0
23	SISMAO	LinStatic	-4,024	0	21,581	0	0	0
23	LM71SVA	LinStatic	7,453E-07	0	-0,338	0	0	0
23	SW2SVA	LinStatic	6,204E-07	0	-0,281	0	0	0
23	SISMAVA	LinStatic	-5,168E-06	0	-2,275	0	0	0
23	LM71SVB	LinStatic	-7,453E-07	0	0,338	0	0	0
23	SW2SVB	LinStatic	-6,204E-07	0	0,281	0	0	0
23	SISMAVB	LinStatic	5,167E-06	0	2,275	0	0	0
24	PP	LinStatic	4,025E-05	0	11,141	0	0	0
24	REINTSUP	LinStatic	-4,487E-06	0	1,899	0	0	0
24	BALLAST	LinStatic	-5,177E-06	0	2,191	0	0	0
24	STERRASX	LinStatic	-8,217	0	24,408	0	0	0
24	STERRADX	LinStatic	8,218	0	-24,528	0	0	0
24	TERMP	LinStatic	-8,384E-06	0	0,004617	0	0	0
24	TERMN	LinStatic	2,515E-05	0	-0,014	0	0	0
24	GRADTP	LinStatic	4,043E-05	0	-0,009185	0	0	0
24	GRADTN	LinStatic	-4,043E-05	0	0,009185	0	0	0
24	LM71C	LinStatic	-2,211E-05	0	9,356	0	0	0
24	STLM71	LinStatic	-4,31	0	16,505	0	0	0
24	AVVLM71	LinStatic	-1,529	0	11,724	0	0	0
24	SW2	LinStatic	-1,842E-05	0	7,796	0	0	0
24	STSW2	LinStatic	-3,591	0	13,751	0	0	0
24	FRENSW2	LinStatic	-1,622	0	12,437	0	0	0
24	INCRTER	LinStatic	-9,861	0	37,761	0	0	0
24	LM71SISO	LinStatic	-0,578	0	4,429	0	0	0
24	SW2SISO	LinStatic	-0,482	0	3,693	0	0	0
24	SISMAO	LinStatic	-3,449	0	19,903	0	0	0
24	LM71SVA	LinStatic	6,867E-07	0	-0,291	0	0	0
24	SW2SVA	LinStatic	5,717E-07	0	-0,242	0	0	0
24	SISMAVA	LinStatic	-4,762E-06	0	-1,955	0	0	0
24	LM71SVB	LinStatic	-6,867E-07	0	0,291	0	0	0
24	SW2SVB	LinStatic	-5,717E-07	0	0,242	0	0	0
24	SISMAVB	LinStatic	4,761E-06	0	1,954	0	0	0
25	PP	LinStatic	2,153E-05	0	5,58	0	0	0
25	REINTSUP	LinStatic	-2,4E-06	0	0,952	0	0	0
25	BALLAST	LinStatic	-2,769E-06	0	1,098	0	0	0
25	STERRASX	LinStatic	-4,108	0	13,064	0	0	0
25	STERRADX	LinStatic	4,109	0	-13,139	0	0	0
25	TERMP	LinStatic	-4,485E-06	0	0,002849	0	0	0
25	TERMN	LinStatic	1,345E-05	0	-0,008548	0	0	0
25	GRADTP	LinStatic	2,162E-05	0	-0,005668	0	0	0
25	GRADTN	LinStatic	-2,162E-05	0	0,005668	0	0	0
25	LM71C	LinStatic	-1,183E-05	0	4,69	0	0	0
25	STLM71	LinStatic	-2,155	0	8,835	0	0	0
25	AVVLM71	LinStatic	-0,764	0	6,276	0	0	0
25	SW2	LinStatic	-9,854E-06	0	3,908	0	0	0
25	STSW2	LinStatic	-1,795	0	7,361	0	0	0
25	FRENSW2	LinStatic	-0,811	0	6,658	0	0	0
25	INCRTER	LinStatic	-4,93	0	20,213	0	0	0
25	LM71SISO	LinStatic	-0,289	0	2,371	0	0	0
25	SW2SISO	LinStatic	-0,241	0	1,977	0	0	0
25	SISMAO	LinStatic	-1,725	0	10,655	0	0	0
25	LM71SVA	LinStatic	3,673E-07	0	-0,146	0	0	0
25	SW2SVA	LinStatic	3,058E-07	0	-0,121	0	0	0
25	SISMAVA	LinStatic	-2,547E-06	0	-0,98	0	0	0
25	LM71SVB	LinStatic	-3,673E-07	0	0,146	0	0	0
25	SW2SVB	LinStatic	-3,058E-07	0	0,121	0	0	0
25	SISMAVB	LinStatic	2,547E-06	0	0,979	0	0	0

Table: Joint Spring Assignments 1 - Uncoupled

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
1	Local	37,5	37,5	375	0	0	0
2	Local	75	75	750	0	0	0
3	Local	87,5	87,5	875	0	0	0
4	Local	100	100	1000	0	0	0
5	Local	100	100	1000	0	0	0
6	Local	100	100	1000	0	0	0
7	Local	100	100	1000	0	0	0
8	Local	100	100	1000	0	0	0
9	Local	100	100	1000	0	0	0
10	Local	100	100	1000	0	0	0
11	Local	100	100	1000	0	0	0
12	Local	100	100	1000	0	0	0
13	Local	100	100	1000	0	0	0
14	Local	100	100	1000	0	0	0
15	Local	100	100	1000	0	0	0
16	Local	100	100	1000	0	0	0
17	Local	100	100	1000	0	0	0
18	Local	100	100	1000	0	0	0
19	Local	100	100	1000	0	0	0
20	Local	100	100	1000	0	0	0
21	Local	100	100	1000	0	0	0
22	Local	100	100	1000	0	0	0
23	Local	87,5	87,5	875	0	0	0
24	Local	75	75	750	0	0	0
25	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

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	

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
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	
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	

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	

Table: Load Case Definitions, Part 3 of 3

Case	Notes
SW2SVA	
SISMAVA	
LM71SVB	
SW2SVB	
SISMAVB	

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
PP	Dead	1		dcb88beb-444d-4b49-ad4c-8c5bd57f917c	
REINTSUP	Live	0		dfcb35d0-9461-48e2-bcaa-8398ba97cd6f	
BALLAST	Live	0		e4de6c58-2739-4316-b6fe-dfb8efc5b459	
STERRASX	Live	0		9f515c48-e2e9-41ff-a1b1-f418b5f51685	
STERRADX	Live	0		5efd5122-4f4f-42dd-9179-bb7869901ca4	
TERMP	Live	0		24a6598f-0bc7-4fc3-9b05-4976cd6869ae	
TERMN	Live	0		c9346548-f0d2-4913-abea-b175f7d08e53	
GRADTP	Live	0		9c769dfc-3974-4530-b954-20b4b86fae44	
GRADTN	Live	0		f509559d-3bdf-462e-b5c4-bdd2cfb39b1e	
LM71C	Live	0		83b4c5e3-854c-4271-9555-910aac36fef0	
STLM71	Live	0		707c91fb-3c78-4692-9ddb-53af65e73963	
AVVLM71	Live	0		5886d25a-ec23-4945-a33b-6ca972ad667c	
SW2	Live	0		3a917cfc-dd4a-4015-8edc-ecd9e1b8d7e0	
STSW2	Live	0		9f598a58-ae18-40f6-a437-1eabcccfbef8	
FRENSW2	Live	0		59c6e07e-8d26-4348-888c-8999f474a7ab	
SERP	Live	0		531990e9-9eea-4de9-8bad-34ed4f17eba1	
INCRTER	Live	0		7d52c9bd-5d89-4736-ac67-f8e9dcfb5c98	
LM71SISO	Live	0		c883f899-056b-4406-bf23-f5ae140938f5	
SW2SISO	Live	0		2d881352-b74c-45fb-81fd-1bf7da3a6a7f	
SISMAO	Live	0		393c3fe7-6459-4b40-b2e0-b4a9de3130e6	
LM71SVA	Live	0		fa639e6f-60c0-4307-9364-d21f50dca164	
SW2SVA	Live	0		a1b9c978-779b-4664-a0e9-03b6dd351fe5	
SISMAVA	Live	0		029e9940-27d3-4a1f-93e9-ed50f9884b82	
LM71SVB	Live	0		008fb9c7-9b1a-439f-9aca-1426fb9dd931	
SW2SVB	Live	0		943b2800-1c8e-4492-9a52-4f298d3048f0	
SISMAVB	Live	0		70179ca1-c9e2-49d6-a293-76dc99aa03d0	

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	
C25/30	Concrete	Isotropic	No	Green	
C28/35	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
C25/30	Italy UNI EN 206-1:2006 e UNI 11104:2004 C25/30 added 11/04/2018 17:00:05
C28/35	Italy UNI EN 206-1:2006 e UNI 11104:2004 C28/35 added 11/04/2018 17:00:11

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

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

Material	Fc	eFc	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
	KN/m2	KN/m2						
C25/30	25000	25000	No	Mander	Takeda	0,001613	0,005	-0,1
C28/35	28000	28000	No	Mander	Takeda	0,001733	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	DAngle
	Degrees	Degrees
C25/30	0	0
C28/35	0	0