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

IN77 - PONTE SCAT. CANALE DI SOMMACAMPAGNA PK 148+839,037
RELAZIONE DI CALCOLO SCATOLARI AV/AC E LINEA STORICA

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	
A	Emissione	GUILARTE	31/08/18	AIELLO	31/08/18	ATARANTA Ingegnere	31/08/18	
B						TOMMASO TARANTA Civile ed Ambientale Industriale dell'Informazione		
C								Data: 31/08/18

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI VERONA

Il Responsabile
(Dott. Ing. V. Aiello)
ALBO PROVINCIALE INGEGNERI VERONA
Iscrizione N. 1553

CIG. 751447334A

File: IN0R11EE2CLIN7700001A_02.docx

Progetto cofinanziato dalla Unione Europea

CUP: F81H91000000008

INDICE

1. INTRODUZIONE 7

2. NORMATIVA DI RIFERIMENTO 8

3. CRITERI DI CALCOLO 9

3.1. CRITERI E DEFINIZIONE DELL'AZIONE SISMICA 9

3.2. COMBINAZIONI DI CARICO 10

3.2.1. Combinazioni per la verifica allo SLU 10

3.2.2. Combinazioni per la verifica allo SLE 11

4. CARATTERISTICHE DEI MATERIALI 12

4.1. CALCESTRUZZO PER MAGRONE 12

4.1.1. Calcestruzzo 12

4.2. ACCIAIO PER CEMENTO ARMATO 12

4.3. DURABILITÀ E PRESCRIZIONI SUI MATERIALI 13

4.4. COPRIFERRO MINIMO E COPRIFERRO NOMINALE 13

5. PARAMETRI SISMICI 14

6. PARAMETRI GEOTECNICI 15

7. GEOMETRIA DELLA STRUTTURA 16

7.1. SCATOLARE SOTTO LINEA AV/AC 16

7.2. SCATOLARE SOTTO LINEA STORICA 17

8. MODELLAZIONE STRUTTURALE 18

8.1. CODICE DI CALCOLO 18

8.2. MODELLAZIONE ADOTTATA 18

8.3. MODELLAZIONE SCATOLARE SOTTO LINEA AV/AC 19

8.4. MODELLAZIONE SCATOLARE SOTTO LINEA STORICA 20

9. ANALISI DEI CARICHI – SCATOLARE SOTTO LINEA AV/AC 21

9.1. PESO PROPRIO STRUTTURE (LOAD1) 21

9.2. CARICHI PERMANENTI PORTATI (LOAD2 E LOAD3) 21

9.3. SPINTA DEL TERRENO (LOAD4 E LOAD5) 21

9.4. AZIONI TERMICHE E RITIRO (LOAD 6 ÷ 9) 22
9.5. CARICHI MOBILI VERTICALI SULLA SOLETTA SUPERIORE (LOAD 10 ÷ LOAD 13) 23
9.6. SPINTA DEL SOVRACCARICO SUL RILEVATO (LOAD 14 - LOAD 15) 25
9.7. FRENATURA E AVVIAMENTO (LOAD 16 E LOAD 17) 26
9.8. SOVRACCARICHI ACCIDENTALI SULLA SOLETTA DI FONDAZIONE 26
9.9. SERPEGGIO 27
9.10. FORZA CENTRIFUGA 27
9.11. AZIONE SISMICA (LOAD 18÷27) 27
9.12. RIEPILOGO DEI CARICHI SOLLECITANTI 29
10. ANALISI DEI CARICHI – SCATOLARE SOTTO LINEA STORICA 30
10.1. PESO PROPRIO STRUTTURE (LOAD1) 30
10.2. CARICHI PERMANENTI PORTATI (LOAD2 E LOAD3) 30
10.3. SPINTA DEL TERRENO (LOAD4 E LOAD5) 30
10.4. AZIONI TERMICHE E RITIRO (LOAD 6 ÷ 9) 31
10.5. CARICHI MOBILI VERTICALI SULLA SOLETTA SUPERIORE (LOAD 10 ÷ LOAD 13) 32
10.6. SPINTA DEL SOVRACCARICO SUL RILEVATO (LOAD 14 - LOAD 15) 34
10.7. FRENATURA E AVVIAMENTO (LOAD 16 E LOAD 17) 35
10.8. SOVRACCARICHI ACCIDENTALI SULLA SOLETTA DI FONDAZIONE 35
10.9. SERPEGGIO 36
10.10. FORZA CENTRIFUGA 36
10.11. AZIONE SISMICA (LOAD 18÷27) 36
10.12. RIEPILOGO DEI CARICHI SOLLECITANTI 38
11. CALCOLO DELLE SOLLECITAZIONI 39
11.1. CONDIZIONI E COMBINAZIONI DI CARICO ADOTTATE 39
11.1.1. Combinazioni SLU di tipo STR 40
11.1.2. Combinazioni SLU di tipo GEO 45
11.1.3. Combinazioni SLV 47
11.1.4. Combinazioni SLE – Quasi Permanente – Caratteristica 49

11.2. DIAGRAMMI DI INVILUPPO – SCATOLARE SOTTO LINEA AV/AC 53
11.2.1. Inviluppo momento flettente SLU/SLV – STR *53*
11.2.2. Inviluppo taglio SLU/SLV – STR *54*
11.2.3. Inviluppo momento flettente SLE – Quasi Permanente *55*
11.2.4. Inviluppo momento flettente SLE – Caratteristico *56*
11.3. DIAGRAMMI DI INVILUPPO – SCATOLARE SOTTO LINEA STORICA 57
11.3.1. Inviluppo momento flettente SLU/SLV – STR *57*
11.3.2. Inviluppo taglio SLU/SLV – STR *58*
11.3.3. Inviluppo momento flettente SLE – Quasi Permanente *59*
11.3.4. Inviluppo momento flettente SLE – Caratteristico *60*
12. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO 61
12.1. SCATOLARE SOTTO LINEA AV/AC 62
12.1.1. Soletta inferiore – sezione di incastro *62*
12.1.1.1. Verifiche allo stato limite ultimo per flessione *63*
12.1.1.2. Verifiche allo stato limite ultimo per taglio *64*
12.1.1.3. Verifiche allo stato limite di esercizio *65*
12.1.2. Soletta inferiore – sezione di mezzeria *66*
12.1.2.1. Verifiche allo stato limite ultimo per flessione *67*
12.1.2.2. Verifiche allo stato limite di esercizio *68*
12.1.3. Piedritto – sezione di incastro inferiore *69*
12.1.3.1. Verifiche allo stato limite ultimo per flessione *70*
12.1.3.2. Verifiche allo stato limite ultimo per taglio *71*
12.1.3.3. Verifiche allo stato limite di esercizio *72*
12.1.4. Piedritto – sezione di incastro superiore *73*
12.1.4.1. Verifiche allo stato limite ultimo per flessione *74*
12.1.4.2. Verifiche allo stato limite di esercizio *75*
12.1.5. Piedritto – sezione di mezzeria *76*
12.1.5.1. Verifiche allo stato limite ultimo per flessione *77*
12.1.5.2. Verifiche allo stato limite di esercizio *78*
12.1.6. Soletta superiore – sezione di incastro *79*
12.1.6.1. Verifiche allo stato limite ultimo per flessione *80*
12.1.6.2. Verifiche allo stato limite ultimo per taglio *81*
12.1.6.3. Verifiche allo stato limite di esercizio *82*

12.1.7. Soletta superiore – sezione di mezzeria *83*
12.1.7.1. Verifiche allo stato limite ultimo per flessione *84*
12.1.7.2. Verifiche allo stato limite di esercizio *85*
12.2. SCATOLARE SOTTO LINEA STORICA 86
12.2.1. Soletta inferiore – sezione di incastro *86*
12.2.1.1. Verifiche allo stato limite ultimo per flessione *87*
12.2.1.2. Verifiche allo stato limite ultimo per taglio *88*
12.2.1.3. Verifiche allo stato limite di esercizio *89*
12.2.2. Soletta inferiore – sezione di mezzeria *90*
12.2.2.1. Verifiche allo stato limite ultimo per flessione *91*
12.2.2.2. Verifiche allo stato limite di esercizio *92*
12.2.3. Piedritto – sezione di incastro inferiore *93*
12.2.3.1. Verifiche allo stato limite ultimo per flessione *94*
12.2.3.2. Verifiche allo stato limite ultimo per taglio *95*
12.2.3.3. Verifiche allo stato limite di esercizio *96*
12.2.4. Piedritto – sezione di incastro superiore *97*
12.2.4.1. Verifiche allo stato limite ultimo per flessione *98*
12.2.4.2. Verifiche allo stato limite di esercizio *99*
12.2.5. Piedritto – sezione di mezzeria *100*
12.2.5.1. Verifiche allo stato limite ultimo per flessione *101*
12.2.5.2. Verifiche allo stato limite di esercizio *102*
12.2.6. Soletta superiore – sezione di incastro *103*
12.2.6.1. Verifiche allo stato limite ultimo per flessione *104*
12.2.6.2. Verifiche allo stato limite ultimo per taglio *105*
12.2.6.3. Verifiche allo stato limite di esercizio *106*
12.2.7. Soletta superiore – sezione di mezzeria *107*
12.2.7.1. Verifiche allo stato limite ultimo per flessione *108*
12.2.7.2. Verifiche allo stato limite di esercizio *109*
12.3. CORDOLI LATERALI 110
12.3.1. Calcolo delle sollecitazioni *110*
12.3.2. Verifica allo stato limite ultimo per flessione *112*
12.3.3. Verifica allo stato limite ultimo per taglio *113*
12.3.4. Verifiche allo stato limite di esercizio *114*
13. VERIFICA EFFETTI LONGITUDINALI DA RITIRO 115

13.1. COAZIONI INTERNE DOVUTE AI FENOMENI DI RITIRO 115
13.2. CALCOLO DELLE SOLLECITAZIONI LONGITUDINALI DOVUTE AI FENOMENI DI RITIRO 116
14. VERIFICHE DI DEFORMAZIONE E VIBRAZIONE 117
14.1. INFLESSIONE NEL PIANO VERTICALE DELL'IMPALCATO 117
14.1.1. Scatolare sotto linea AV/AC 117
14.1.2. Scatolare sotto linea storica 117
14.2. STATO LIMITE DI COMFORT DEI PASSEGGERI 118
14.2.1. Scatolare sotto linea AV/AC 118
14.2.2. Scatolare sotto linea storica 118
15. RIFERIMENTI 119
15.1. DOCUMENTI REFERENZIATI 119
15.2. DOCUMENTI CORRELATI 119
15.3. DOCUMENTI SUPERATI 119
16. ALLEGATI 120

1. INTRODUZIONE

La presente relazione è relativa al calcolo dei sottopassi scatolari facenti parte dell'opera denominata "Canale di Sommacampagna – Ponte scatolare pk 148+839.037", prevista nell'ambito dei lavori inerenti la linea A.V./A.C. TORINO – VENEZIA, tratta MILANO – VERONA, lotto funzionale Brescia – Verona, ubicata al km 148+839.037 della linea ferroviaria.

Per quanto riguarda i due sottopassi scatolari, uno sottopassa la linea ferroviaria storica e viene realizzato mediante un manufatto a spinta; l'altro sottopassa la linea AV/AC e viene gettato in opera.

Lo scatolare sotto la linea storica presenta dimensioni interne 8.00x8.80m, con soletta superiore e piedritti di spessore 90cm, soletta inferiore di spessore 100cm, e ricoprimento pari a 0.90m.

Lo scatolare sotto la linea AV/AC presenta dimensioni interne 8.00x8.80m, con soletta superiore e piedritti di spessore 90cm, soletta inferiore di spessore 100cm, e ricoprimento pari a 1.48m.

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:

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

- 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 delle strutture, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C32/40 (Rck ≥40 N/mm^2) che presenta le seguenti caratteristiche:

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

1) Tensione di snervamento caratteristica $\rightarrow f_{yk} \geq 450$ N/mm^2
2) Tensione caratteristica a rottura $\rightarrow f_{tk} \geq 540$ N/mm^2
3) Tensione in condizione di esercizio (comb. Rara) $\rightarrow \sigma_s = 0.80^* f_{yk} = 360.00$ N/mm^2
4) Fattore di sicurezza acciaio $\rightarrow \gamma_s = 1.15$
5) Resistenza a trazione di calcolo $\rightarrow f_{yd} = f_{yk} / \gamma_s = 391.30$ 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/ Elevazione CLASSE DI ESPOSIZIONE XC4 + XF1

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

Considerate le condizioni ambientali dell'opera e le classi di resistenza del calcestruzzo, si adotta un copriferro nominale pari a c_{nom} = 40 mm per la fondazione e pari a c_{nom} = 60 mm e per l'elevazione.

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

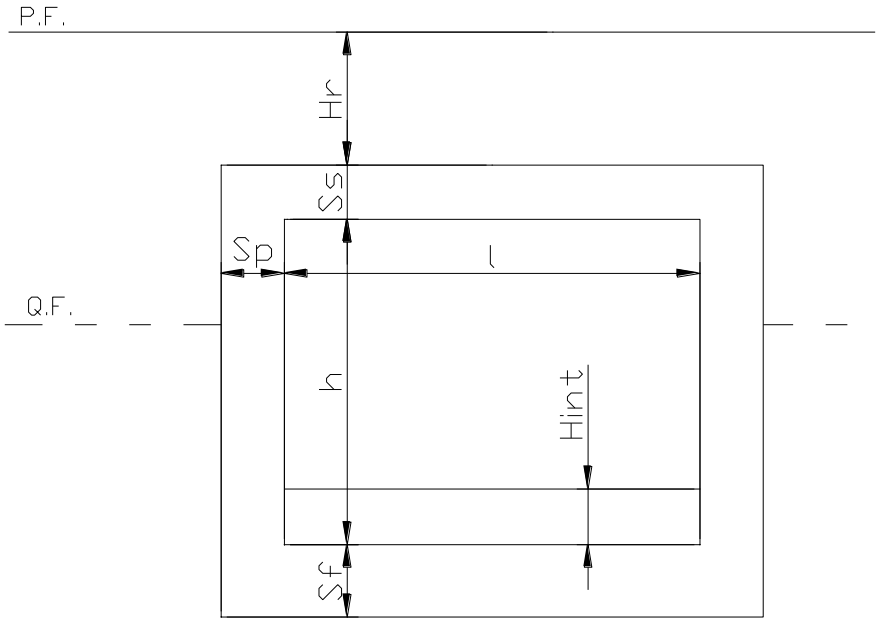
Il coefficiente di spinta a riposo corrispondente è pari a $k_0 = 0.426$.

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

7. GEOMETRIA DELLA STRUTTURA

7.1. Scatolare sotto linea AV/AC

Si riportano di seguito le dimensioni geometriche della struttura:



Dimensioni geometriche (sezione in retto):

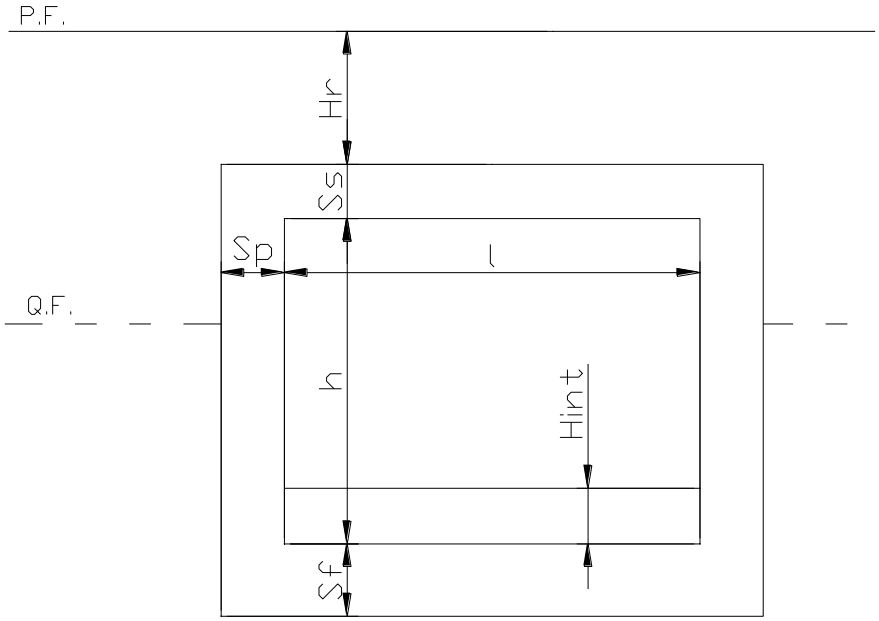
- l = 8.00 m
- h = 8.80 m
- S_s = 0.90 m
- S_f = 1.00 m
- S_p = 0.90 m
- H_r = 1.48 m
- P.F. = quota Piano Ferro
- Q.F. = quota Falda

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

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

7.2. Scatolare sotto linea storica

Si riportano di seguito le dimensioni geometriche della struttura:



Dimensioni geometriche (sezione in retto):

- l = 8.00 m
- h = 8.80 m
- S_s = 0.90 m
- S_f = 1.00 m
- S_p = 0.90 m
- H_r = 0.90 m
- P.F. = quota Piano Ferro
- Q.F. = quota Falda

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

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

8. MODELLAZIONE STRUTTURALE

8.1. Codice di calcolo

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

8.2. Modellazione adottata

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

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

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

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

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

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

$K_s = 5000$ 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.

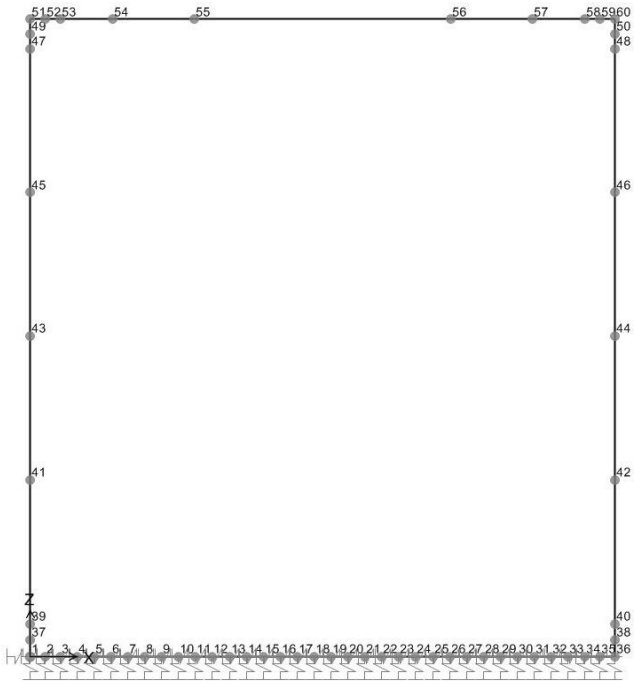
Per quanto riguarda la rigidezza delle aste del reticolo si è assunto:

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

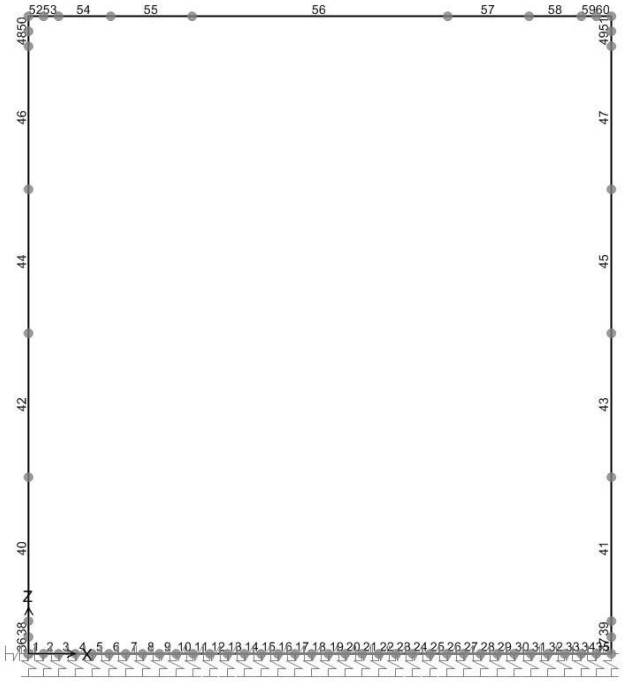
Lo schema statico della struttura e la relativa numerazione dei nodi e delle aste sono riportati nelle seguenti figure.

8.3. Modellazione scatolare sotto linea AV/AC

Numerazione dei nodi:

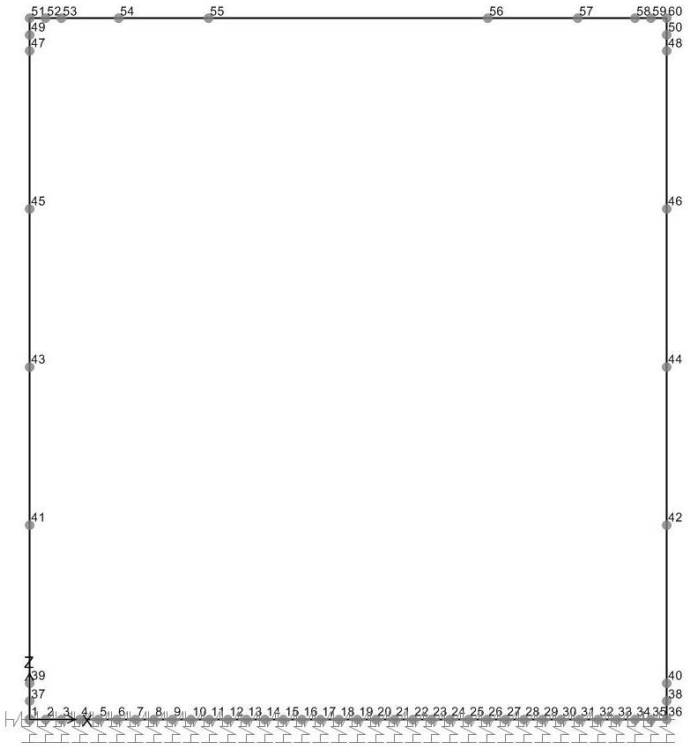


Numerazione delle aste:

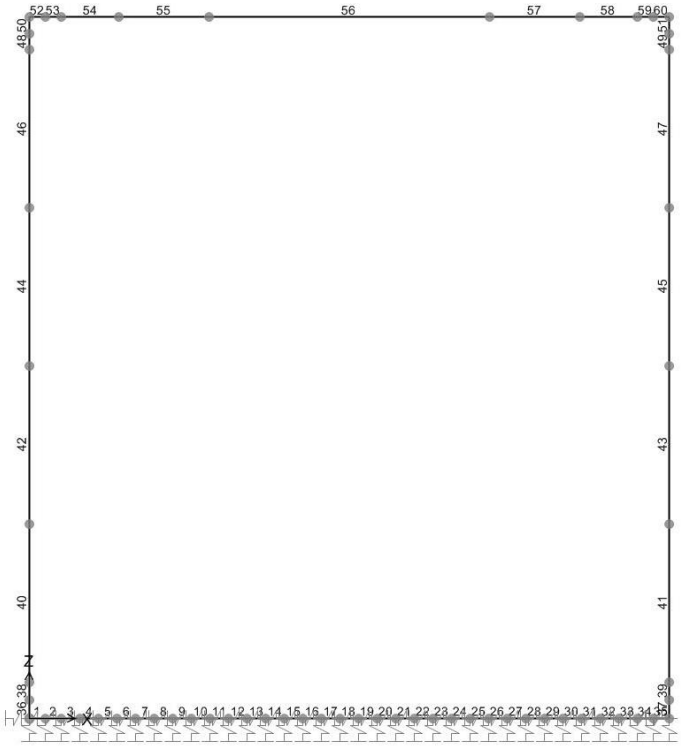


8.4. Modellazione scatolare sotto linea storica

Numerazione dei nodi:



Numerazione delle aste:



9. ANALISI DEI CARICHI – SCATOLARE SOTTO LINEA AV/AC

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: γ_{ril} = 20 kN/m³
- sovrastruttura ferroviaria: γ_{ric} = 24 kN/m³
- massicciata + armamento: $\gamma_{ballast}$ = 18 kN/m³

9.1. Peso proprio strutture (Load1)

- soletta superiore $S_s \times \gamma_{c.a.}$ = 0.90 x 25.00 = **22.50 kN/m²**
- piedritti $S_p \times \gamma_{c.a.}$ = 0.90 x 25.00 = **22.50 kN/m²**
- soletta inferiore $S_i \times \gamma_{c.a.}$ = 1.00 x 25.00 = **25.00 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 $(H_r - H_{ballast}) \times \gamma_{ric}$ = (1.48 – 0.80) x 24.00 = **16.32 kN/m²**

Load 3 (sovraccarico dovuto a ballast e armamento):

peso ballast + armamento $H_{ballast} \times \gamma_{ballast}$ = 0.80 x 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:

γ_t = 20 kN/m³

γ_w = 10 kN/m³

ϕ'_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 = 1.93m) = $k_{0,M1}$ × [$H_{ballast}$ × $\gamma_{ballast}$ + (h_1-$H_{ballast}$) × γ_t) =

  = 0.4264 × [(0.80 × 18 + (1.93-0.80) × 20] = **15.78 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 11.68m) = P_1 + $k_{0,M1}$ × (h_2-h_1) × γ_t =

  = 15.78 + 0.4264 x (11.68-1.93) x 20 = **98.93 kN/m²**

Approccio 1 – Combinazione 2

- Pressione in asse soletta superiore:

  P_1 (h_1 = 1.93m) = $k_{0,M2}$ × [$H_{ballast}$ × $\gamma_{ballast}$ + (h_1-$H_{ballast}$) × γ_t) =

  = 0.5113 [(0.80 × 18 + (1.93-0.80) × 20] = **18.92 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 11.68m) = P_1 + $k_{0,M2}$ × (h_2-h_1) × γ_t =

  = 17.08 + 0. 5113 x (11.68-1.93) x 20 = **118.62 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 = 200 cm, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

B = 100 cm

H = 100 cm

Deformazione da ritiro:

U.R. = 75%

$\varepsilon_{ca}(t=\infty) = 2.5\times(f_{ck}-10)\times10^{-6} = 2.5\times(0.83\times40-10)\times10^{-6} = 0.058$ ‰

$\varepsilon_{cd}(t=\infty) = k_h \times \varepsilon_{cd,0} = 0.7 \times 0.32$ ‰ = 0.22 ‰ (per h_0>500mm, calcestruzzo C32/40 classe N, U.R.=75%)

$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.278$ ‰

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:

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

$\Delta T = -\varepsilon_r / [\alpha \times (1+\phi)] = -0.278$ ‰ / $[10\times10^{-6}\times(1+2.5)] = -7.94 \cong -10$ °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 ÷ Load 13)

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

$L_d = 2.60 + 2\times((H_r - 0.40)/4 + S_s/2) = 2.60 + 2\times((1.48-0.40)/4 + 0.90/2) = 4.04$ m < 4.50 m (interasse binario)

Incremento dinamico per linee con elevato standard manutentivo

Poiché il sottovia ha altezza libera > 5.0m e luce libera > 8.0m, vale quanto segue:

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 – ≥ 5

k = 1.2 – 1.3 – 1.4 – 1.5

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

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

k = 1.3.

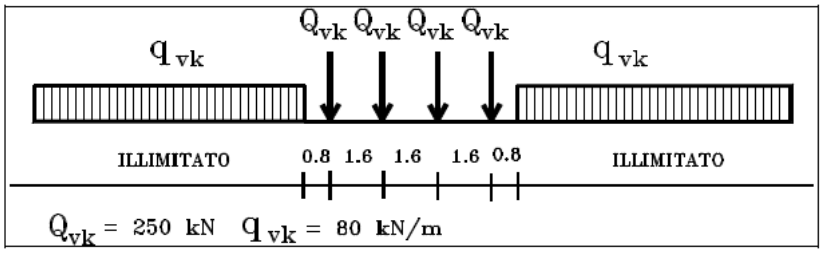
n =3

$L_\phi = 1.3 \times (1/3 \text{ x } (9.75 + 8.90 + 9.75)) = 12.307$ m

$\phi_2 = 0.9 \times [1.44/(\sqrt{L_\phi} - 0.2) + 0.82] = 1.130$.

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:

$L_l = 0.25 + 2 \times ((1.48 - 0.40)/4 + 0.90/2) = 1.75$ m > 1.69 m.

La lunghezza di ripartizione longitudinale risulta maggiore all'interasse delle traverse, si considera un'unica impronta di carico di lunghezza pari a $L_l = 1.60 + 3 \times 1.60 = 6.40$ 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:

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

- in corrispondenza dei quattro assi da 250 kN

$q_1 = \alpha \times q_{equi} / L_{d1} \times \phi_2 = 1.10 \times 156.25 / 4.04 \times 1.13 =$ **48.06 kN/m²**

- in corrispondenza del carico q = 80 kN/m

$q_2 = \alpha \times q / L_{d1} \times \phi_2 = 1.10 \times 80 / 4.04 \times 1.13 =$ **24.61 kN/m²**.

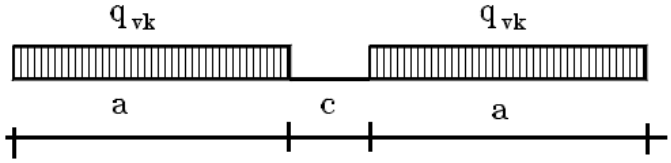
La lunghezza di diffusione del mezzo pesante è minore della larghezza totale dello scatolare: il carico mobile può assumere dunque molte posizioni all'interno di detta larghezza.

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

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

Treno SW/2 (Load 13)

Viene schematizzato da un carico uniformemente ripartito



Treno di carico SW

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

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

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

Caratteristiche Treni di Carico SW

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

q_{vk} = 150 kN/m

$q = q_{vk} / L_d \times \phi_2 = 150 / 4.04 \times 1.13 =$ **41.95 kN/m²**

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

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

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

Per quanto riguarda il carico del treno LM71, in considerazione della larghezza dello scatolare e delle tre disposizioni di carico assunte e precedentemente descritte, risulta che a tergo dei piedritti agisce il carico distribuito q = 80kN/m; si ottiene pertanto (**Load 14**):

Approccio 1 – Combinazione 1

$p_1 = \alpha \times q / L_d \times k_{0,M1} = 1.10 \times 80 / 4.04 \times 0.4264$ = **9.29 kN/m²**

Approccio 1 – Combinazione 2

$p_1 = \alpha \times q / L_d \times k_{0,M2} = 1.10 \times 80 / 4.04 \times 0.5113$ = **11.14 kN/m²**

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

Approccio 1 – Combinazione 1

$p_2 = q_{vk} / L_{d1} \times k_{0,M1} = 150 / 4.04 \times 0.4264$ = **15.83 kN/m²**

Approccio 1 – Combinazione 2

$p_2 = q_{vk} / L_{d1} \times k_{0,M2} = 150 / 4.04 \times 0.5113$ = **18.98 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 16 e Load 17)

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

I valori caratteristici da considerare sono i seguenti:

$Q_{la,k} = 33$ [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 16**)

$Q_{avv,LM71} = 33.0 / L_d = 33.0 / 4.04 = 8.17$ kN/m²

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

$Q_{avv,LM71} = 8.17 \times (9.80/8.90)$ = **8.99 kN/m²**

Treno SW/2 – frenatura (**Load 17**)

$Q_{fren,SW/2} = 35.0 / L_d = 35.0 / 4.04 = 8.66$ kN/m

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

$Q_{fren,SW/2} = 8.66 \times (9.80/8.90)$ = **9.54 kN/m²**

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

9.8. Sovraccarichi accidentali sulla soletta di fondazione

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

9.9. Serpeggio

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

9.10. Forza centrifuga

L'asse ferroviario in corrispondenza del sottopasso è in curva e quindi sulla struttura agisce una forza centrifuga; tuttavia, essendo l'asse del sottopasso in retto rispetto all'asse ferroviario 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 18÷27)

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

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

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

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

a_{gh} = 0.277 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 18**) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot}:

$\Delta p_d = S \cdot a_g/g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 12.18 = 67.48$ 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:

$\Delta p_{d,incr} = \Delta p_d \times (H_{interna} + S_s + S_i) / (H_{interna} + S_s/2 + S_i) = 67.48 \times 10.20 / 9.75$ = **70.59 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 19**):

Piedritti: $\Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.90 \times 0.277$ = **6.23 kN/m^2**

Soletta: $\Delta p_{s,h} = (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gh} = (25 \times 0.90 + 30.72) \times 0.277$ = **14.74 kN/m^2**

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

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

$\Delta p_{LM71,h} = 48.06 \times 0.20 \times 0.277 = 2.66$ kN/m^2

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

$\Delta p_{LM71,h} = 2.66 \times (9.80/8.90)$ = **2.93 kN/m^2**

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

$\Delta p_{SW/2,h} = 41.95 \times 0.20 \times 0.277 = 2.32$ kN/m^2

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

$\Delta p_{SW/2,h} = 2.32 \times (9.80/8.90)$ = **2.56 kN/m^2**.

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

Piedritti: $\Delta p_{p,v} = \pm \gamma_{c.a.} \times S_p \times a_{gv} = \pm 25 \times 0.90 \times 0.155$ = **± 3.49 kN/m^2**

Soletta: $\Delta p_{s,v} = \pm (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gv} = \pm (25 \times 0.90 + 30.72) \times 0.155$ = **± 8.25 kN/m^2**

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

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

$\Delta p_{LM71,v} = \pm 48.06 \times 0.20 \times 0.155$ = **± 1.49 kN/m^2**

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

$\Delta p_{SW/2,v} = \pm 41.95 \times 0.20 \times 0.155$ = ± **1.30** kN/m^2

9.12. Riepilogo dei carichi sollecitanti

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

Load 1	Soletta superiore	**22,50**	kN/m^2
	Piedritti	**22,50**	kN/m^2
	Soletta inferiore	**25,00**	kN/m^2
Load 2	Sovraccarico permanente	**16,32**	kN/m^2
Load 3	Ballast	**14,40**	kN/m^2
Load 4, Load 5 (M1)	P1	**15,78**	kN/m^2
	P2	**0,00**	kN/m^2
	P3	**98,93**	kN/m^2
Load 4, Load 5 (M2)	P1	**18,92**	kN/m^2
	P2	**0,00**	kN/m^2
	P3	**118,62**	kN/m^2
Load 6	T	**5**	°C
Load 7	T	**-15**	°C
Load 8	ΔT	**5,56**	°C/m
Load 9	ΔT	**-5,56**	°C/m
Load 10, Load 11, Load 12	q1	**48,06**	kN/m^2
	q2	**24,61**	kN/m^2
Load 13	q	**41,95**	kN/m^2
Load 14 (M1)	p1	**9,29**	kN/m^2
Load 14 (M2)	p1	**11,15**	kN/m^2
Load 15 (M1)	p2	**15,83**	kN/m^2
Load 15 (M2)	p2	**18,98**	kN/m^2
Load 16	$Q_{avv,LM71}$	**8,99**	kN/m^2
Load 17	$Q_{fren,SW/2}$	**9,54**	kN/m^2
Load 18	$\Delta p_{d,inc}$	**70,59**	kN/m^2
Load 19	$\Delta p_{p,h}$	**6,23**	kN/m^2
	$\Delta p_{s,h}$	**14,74**	kN/m^2
Load 20	$\Delta p_{LM71,h}$	**2,93**	kN/m^2
Load 21	$\Delta p_{SW/2,h}$	**2,56**	kN/m^2
Load 22	$\Delta p_{p,v+}$	**3,49**	kN/m^2
	$\Delta p_{s,v+}$	**8,25**	kN/m^2
Load 23	$\Delta p_{p,v-}$	**-3,49**	kN/m^2
	$\Delta p_{s,v-}$	**-8,25**	kN/m^2
Load 24	$\Delta p_{LM71,v+}$	**1,49**	kN/m^2
Load 25	$\Delta p_{LM71,v-}$	**-1,49**	kN/m^2
Load 26	$\Delta p_{SW/2,v+}$	**1,30**	kN/m^2
Load 27	$\Delta p_{SW/2,v-}$	**-1,30**	kN/m^2

10. ANALISI DEI CARICHI – SCATOLARE SOTTO LINEA STORICA

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: γ_{ril} = 20 kN/m³
- sovrastruttura ferroviaria: γ_{ric} = 24 kN/m³
- massicciata + armamento: $\gamma_{ballast}$ = 18 kN/m³

10.1. Peso proprio strutture (Load1)

- soletta superiore $S_s \times \gamma_{c.a.}$ = 0.90 x 25.00 = **22.50 kN/m²**
- piedritti $S_p \times \gamma_{c.a.}$ = 0.90 x 25.00 = **22.50 kN/m²**
- soletta inferiore $S_i \times \gamma_{c.a.}$ = 1.00 x 25.00 = **25.00 kN/m²**

10.2. 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 $(H_r - H_{ballast}) \times \gamma_{ric}$ = (0.90 – 0.80) x 24.00 = **2.40 kN/m²**

Load 3 (sovraccarico dovuto a ballast e armamento):

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

10.3. 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:

γ_t = 20 kN/m³

γ_w = 10 kN/m³

ϕ'_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 = 1.35m) = $k_{0,M1}$ × [$H_{ballast}$ × $\gamma_{ballast}$ + (h_1-$H_{ballast}$) × γ_t) =

  = 0.4264 × [(0.80 × 18 + (0.90-0.80) × 20] = **10.83 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 11.10m) = P_1 + $k_{0,M1}$ × (h_2-h_1) × γ_t =

  = 10.83 + 0.4264 x (11.10-1.35) x 20 = **93.98 kN/m²**

Approccio 1 – Combinazione 2

- Pressione in asse soletta superiore:

  P_1 (h_1 = 1.35m) = $k_{0,M2}$ × [$H_{ballast}$ × $\gamma_{ballast}$ + (h_1-$H_{ballast}$) × γ_t) =

  = 0.5113 × [(0.80 × 18 + (0.90-0.80) × 20] = **12.99 kN/m²**
- Pressione in asse soletta inferiore:

  P_2 (h_2 = 11.10m) = P_1 + $k_{0,M2}$ × (h_2-h_1) × γ_t =

  = 12.99 + 0. 5113 x (11.10-1.35) x 20 = **112.69 kN/m²**

10.4. 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 = 200 cm, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

B = 100 cm

H = 100 cm

Deformazione da ritiro:

U.R. = 75%

$\varepsilon_{ca}(t=\infty) = 2.5\times(f_{ck}-10)\times10^{-6} = 2.5\times(0.83\times40-10)\times10^{-6} = 0.058$ ‰

$\varepsilon_{cd}(t=\infty) = k_h \times \varepsilon_{cd,0} = 0.7 \times 0.32$ ‰ = 0.22 ‰ (per h_0>500mm, calcestruzzo C32/40 classe N, U.R.=75%)

$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.278$ ‰

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:

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

$\Delta T = -\varepsilon_r / [\alpha \times (1+\phi)] = -0.278$ ‰ / $[10\times10^{-6}\times(1+2.5)] = -7.94 \cong -10$ °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.

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

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

$L_d = 2.40 + 2\times((H_r - 0.40)/4 + S_s/2) = 2.40 + 2\times((0.90-0.40)/4 + 0.90/2) = 3.55$ m = 3.55 m (interasse binario)

Incremento dinamico per linee con ridotto standard manutentivo

Poiché il sottovia ha altezza libera > 5.0m e luce libera > 8.0m, vale quanto segue:

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 – ≥ 5

k = 1.2 – 1.3 – 1.4 – 1.5

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

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

k = 1.3.

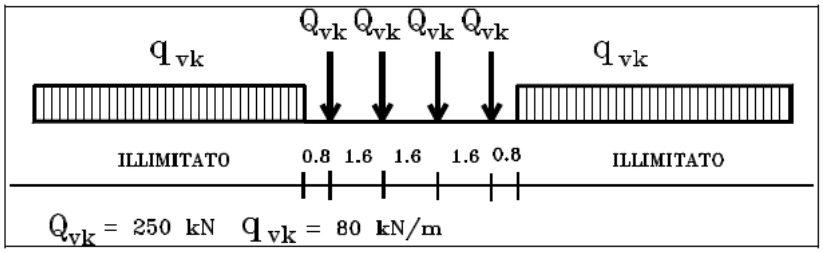
n =3

$L_\phi = 1.3 \times (1/3 \times (9.75 + 8.90 + 9.75)) = 12.307$ m

$\phi_3 = 0.9 \times [2.16/(\sqrt{L_\phi} - 0.2) + 0.73] = 1.245$.

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:

$L_l = 0.25 + 2 \times ((0.90 - 0.40)/4 + 0.90/2) = 1.40$ m < 1.60 m.

La lunghezza di ripartizione longitudinale risulta minore all'interasse delle traverse, si considera un'unica impronta di carico di lunghezza pari a $L_l = 1.40 + 3 \times 1.60 = 6.20$ 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:

$q_{equi} = 250 \times 4 / 6.20 = 161.29$ kN/m

- in corrispondenza dei quattro assi da 250 kN

$q_1 = \alpha \times q_{equi} / L_{d1} \times \phi_3 = 1.10 \times 161.29 / 3.55 \times 1.245 =$ **62.20 kN/m²**

- in corrispondenza del carico q = 80 kN/m

$q_2 = \alpha \times q / L_{d1} \times \phi_3 = 1.10 \times 80 / 3.55 \times 1.245 =$ **30.85 kN/m²**

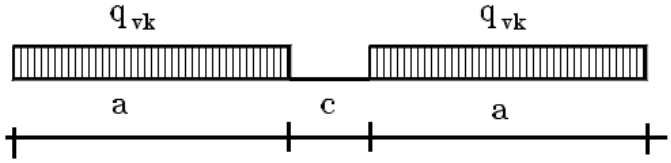
La lunghezza di diffusione del mezzo pesante è minore della larghezza totale dello scatolare: il carico mobile può assumere dunque molte posizioni all'interno di detta larghezza.

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

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

Treno SW/2 (Load 13)

Viene schematizzato da un carico uniformemente ripartito



Treno di carico SW

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

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

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

Caratteristiche Treni di Carico SW

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

q_{vk} = 150 kN/m

$q = q_{vk} / L_d \times \phi_3 = 150 / 3.55 \times 1.245 =$ **52.59 kN/m²**

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

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

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

Per quanto riguarda il carico del treno LM71, in considerazione della larghezza dello scatolare e delle tre disposizioni di carico assunte e precedentemente descritte, risulta che a tergo dei piedritti agisce il carico distribuito q = 80kN/m; si ottiene pertanto (**Load 14**):

Approccio 1 – Combinazione 1

$p_1 = \alpha \times q / L_d \times k_{0,M1} = 1.10 \times 80 / 3.55 \times 0.4264$ = **10.57 kN/m²**

Approccio 1 – Combinazione 2

$p_1 = \alpha \times q / L_d \times k_{0,M2} = 1.10 \times 80 / 3.55 \times 0.5113$ = **12.67 kN/m²**

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

Approccio 1 – Combinazione 1

$p_2 = q_{vk} / L_{d1} \times k_{0,M1} = 150 / 3.55 \times 0.4264$ = **18.02 kN/m²**

Approccio 1 – Combinazione 2

$p_2 = q_{vk} / L_{d1} \times k_{0,M2} = 150 / 3.55 \times 0.5113$ = **21.60 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.

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

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

I valori caratteristici da considerare sono i seguenti:

$Q_{la,k} = 33$ [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 16**)

$Q_{avv,LM71} = 33.0 / L_d = 33.0 / 3.55 = 9.30$ kN/m²

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

$Q_{avv,LM71} = 9.30 \times (9.80/8.90)$ = **10.24 kN/m²**

Treno SW/2 – frenatura (**Load 17**)

$Q_{fren,SW/2} = 35.0 / L_d = 35.0 / 3.55 = 9.86$ kN/m

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

$Q_{fren,SW/2} = 9.86 \times (9.80/8.90)$ = **10.86 kN/m²**

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.

10.8. Sovraccarichi accidentali sulla soletta di fondazione

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

10.9. Serpeggio

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

10.10. Forza centrifuga

L'asse ferroviario in corrispondenza del sottopasso è in curva e quindi sulla struttura agisce una forza centrifuga; tuttavia, essendo l'asse del sottopasso in retto rispetto all'asse ferroviario 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.

10.11. Azione sismica (Load 18÷27)

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

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

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

P = peso proprio;

a_g = accelerazioni sismiche al suolo.

a_{gh} = 0.277 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 18**) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento h_{tot}:

$\Delta p_d = S \cdot a_g/g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 11.60 = 64.26$ 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:

$\Delta p_{d,incr} = \Delta p_d \times (H_{interna} + S_s + S_i) / (H_{interna} + S_s/2 + S_i) = 64.26 \times 10.20 / 9.75$ = **67.23 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 19**):

Piedritti: $\Delta p_{p,h} = \gamma_{c.a.} \times S_p \times a_{gh} = 25 \times 0.90 \times 0.277$ = **6.23 kN/m^2**

Soletta: $\Delta p_{s,h} = (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gh} = (25 \times 0.90 + 16.80) \times 0.277$ = **10.89 kN/m^2**

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

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

$\Delta p_{LM71,h} = 62.20 \times 0.20 \times 0.277 = 3.45$ kN/m^2

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

$\Delta p_{LM71,h} = 3.45 \times (9.80/8.90)$ = **3.79 kN/m^2**

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

$\Delta p_{SW/2,h} = 52.59 \times 0.20 \times 0.277 = 2.91$ kN/m^2

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

$\Delta p_{SW/2,h} = 2.91 \times (9.80/8.90)$ = **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 22**, **Load 23**):

Piedritti: $\Delta p_{p,v} = \pm \gamma_{c.a.} \times S_p \times a_{gv} = \pm 25 \times 0.90 \times 0.155$ = **± 3.49 kN/m^2**

Soletta: $\Delta p_{s,v} = \pm (\gamma_{c.a.} \times S_s + G_{sovracc}) \times a_{gv} = \pm (25 \times 0.90 + 16.80) \times 0.155$ = **± 6.09 kN/m^2**

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

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

$\Delta p_{LM71,v} = \pm 62.20 \times 0.20 \times 0.155$ = **± 1.93 kN/m^2**

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

$\Delta p_{SW/2,v} = \pm 52.59 \times 0.20 \times 0.155$ = ± **1.63** kN/m^2

10.12. 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	**22,50**	kN/m^2
	Piedritti	**22,50**	kN/m^2
	Soletta inferiore	**25,00**	kN/m^2
Load 2	Sovraccarico permanente	**2,40**	kN/m^2
Load 3	Ballast	**14,40**	kN/m^2
Load 4, Load 5 (M1)	P1	**10,83**	kN/m^2
	P2	**0,00**	kN/m^2
	P3	**93,98**	kN/m^2
Load 4, Load 5 (M2)	P1	**12,99**	kN/m^2
	P2	**0,00**	kN/m^2
	P3	**112,69**	kN/m^2
Load 6	T	**5**	°C
Load 7	T	**-15**	°C
Load 8	ΔT	**5,56**	°C/m
Load 9	ΔT	**-5,56**	°C/m
Load 10, Load 11, Load 12	q1	**62,20**	kN/m^2
	q2	**30,85**	kN/m^2
Load 13	q	**52,59**	kN/m^2
Load 14 (M1)	p1	**10,57**	kN/m^2
Load 14 (M2)	p1	**12,68**	kN/m^2
Load 15 (M1)	p2	**18,02**	kN/m^2
Load 15 (M2)	p2	**21,60**	kN/m^2
Load 16	$Q_{avv,LM71}$	**10,24**	kN/m^2
Load 17	$Q_{fren,SW/2}$	**10,86**	kN/m^2
Load 18	$\Delta p_{d,inc}$	**67,23**	kN/m^2
Load 19	$\Delta p_{p,h}$	**6,23**	kN/m^2
	$\Delta p_{s,h}$	**10,89**	kN/m^2
Load 20	$\Delta p_{LM71,h}$	**3,79**	kN/m^2
Load 21	$\Delta p_{SW/2,h}$	**3,21**	kN/m^2
Load 22	$\Delta p_{p,v+}$	**3,49**	kN/m^2
	$\Delta p_{s,v+}$	**6,09**	kN/m^2
Load 23	$\Delta p_{p,v-}$	**-3,49**	kN/m^2
	$\Delta p_{s,v-}$	**-6,09**	kN/m^2
Load 24	$\Delta p_{LM71,v+}$	**1,93**	kN/m^2
Load 25	$\Delta p_{LM71,v-}$	**-1,93**	kN/m^2
Load 26	$\Delta p_{SW/2,v+}$	**1,63**	kN/m^2
Load 27	$\Delta p_{SW/2,v-}$	**-1,63**	kN/m^2

11. 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).

11.1. Condizioni e combinazioni di carico adottate

Le condizioni elementari di carico considerate sono di seguito riassunte:

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

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.

11.1.1. Combinazioni SLU di tipo STR

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1		1,35	1,35	1,5	1,35	1	1,5	0	1,5	0	0	0	0	0	0	0	0	0	0
2	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0	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	0	0	1,45
4	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0	0,58
5	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0	0,58
6	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0	0
7	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	0	1,45
8	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0	0,58
9	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0	0,58
10	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0	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	0	0	1,45
12	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0	0,58
13	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	0	0,58
14	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	1,45	0
15	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58	0	1,45	1,45
16	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0,58	0,58
17	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	1,16	0,58
18	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0	0
19	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	0	1,45
20	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0	0,58
21	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0	0,58
22	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0	0
23	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	0	1,45
24	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0	0,58
25	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0	0,58
26	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	0	0
27	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	0	1,45
28	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0	0,58
29	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	0	0,58
30	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	1,45	0
31	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45	1,45
32	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58	0,58
33	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	1,16	0,58
34		1,35	1,35	1,5	1,35	1	0	1,5	1,5	0	0	0	0	0	0	0	0	0	0
35	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0	0	0	0
36	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	0	0	1,45
37	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0	0	0,58
38	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	0	0	0,58
39	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0	0	1,45	0	0
40	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	1,45	0	1,45
41	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0,58	0	0,58
42	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	1,16	0	0,58
43	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	0	0
44	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	0	1,45
45	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0	0,58

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
46	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	0	0	0,58
47	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	1,45	0
48	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	0	1,45	1,45
49	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	0	0,58	0,58
50	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	0	1,16	0,58
51	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,45	0	0	0	0	0	0
52	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	0	0	1,45
53	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0	0	0,58
54	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	0	0	0,58
55	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,45	0	0	0	1,45	0	0
56	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	1,45	0	1,45
57	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0,58	0	0,58
58	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	1,16	0	0,58
59	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	0	0
60	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	0	1,45
61	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0	0,58
62	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	0	0,58
63	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	1,45	0
64	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	1,45	1,45
65	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0,58	0,58
66	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	1,16	0,58
67		1,35	1,35	1,5	1	1	1,5	0	1,5	0	0	0	0	0	0	0	0	0	0
68	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0	0
69	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0	0	0	1,45
70	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0	0,58
71	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0	0,58
72	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0	0
73	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	0	1,45
74	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0	0,58
75	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0	0,58
76	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0	0
77	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58	0	0	1,45
78	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0	0,58
79	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	0	0,58
80	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0	0	1,45	0
81	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,45	0	0	0	0,58	0	1,45	1,45
82	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0,58	0	0	0	1,45	0	0,58	0,58
83	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	1,16	0	0	0	1,45	0	1,16	0,58
84	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0	0
85	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	0	1,45
86	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0	0,58
87	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0	0,58
88	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0	0
89	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	0	1,45
90	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0	0,58
91	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0	0,58
92	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	0	0
93	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	0	1,45
94	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0	0,58
95	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	0	0,58
96	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,45	0	0	0	1,45	0
97	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,45	0	0,58	0	1,45	1,45
98	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	0,58	0	1,45	0	0,58	0,58
99	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0,9	0	0	0	0	1,16	0	1,45	0	1,16	0,58
100		1,35	1,35	1,5	1	1	0	1,5	1,5	0	0	0	0	0	0	0	0	0	0
101	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0	0	0	0	0

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
102	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	0	0	1,45
103	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0	0	0,58
104	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	0	0	0,58
105	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0	0	1,45	0	0
106	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,45	0	0	0	0,58	0	1,45	0	1,45
107	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0,58	0	0	0	1,45	0	0,58	0	0,58
108	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	1,16	0	0	0	1,45	0	1,16	0	0,58
109	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	0	0
110	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	0	1,45
111	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0	0,58
112	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45	0	0	0,58
113	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0	0	1,45	0
114	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,45	0	0	0	0,58	0	1,45	1,45
115	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0,58	0	0	0	1,45	0	0,58	0,58
116	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	1,16	0	0	0	1,45	0	1,16	0,58
117	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0	0	0	0	0
118	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	0	0	1,45
119	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0	0	0,58
120	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	0	0	0,58
121	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0	0	1,45	0	0
122	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,45	0	0,58	0	1,45	0	1,45
123	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0,58	0	1,45	0	0,58	0	0,58
124	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	1,16	0	1,45	0	1,16	0	0,58
125	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	0	0
126	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	0	1,45
127	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0	0,58
128	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	0	0,58
129	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0	0	1,45	0
130	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,45	0	0,58	0	1,45	1,45
131	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	0,58	0	1,45	0	0,58	0,58
132	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0,9	0	0	0	0	1,16	0	1,45	0	1,16	0,58
133		1,35	1,35	1,5	1,35	1	1,5	0	0	1,5	0	0	0	0	0	0	0	0	0
134	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0	0	0	0	0
135	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	0	0	1,45
136	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	0	0	0,58
137	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	0	0	0,58
138	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	1,45	0	0	0	0	0	1,45	0	0
139	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	1,45	0	1,45
140	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	0,58	0	0,58
141	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	1,16	0	0,58
142	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	0	0
143	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	0	0	1,45
144	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	0	0	0,58
145	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	0	0	0,58
146	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	1,45	0
147	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	0	1,45	1,45
148	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	0	0,58	0,58
149	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	0	1,16	0,58
150	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0	0	0	0	0
151	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
152	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
153	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
154	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0	0	1,45	0	0
155	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
156	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
157	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
158	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	0	0
159	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
160	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
161	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
162	GR1-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	1,45	0
163	GR1-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
164	GR3-1	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
165	GR3-2	1,35	1,35	1,5	1,35	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
166		1,35	1,35	1,5	1,35	1	0	1,5	0	1,5	0	0	0	0	0	0	0	0	0
167	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0	0	0	0	0
168	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	0	0	1,45
169	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	0	0	0,58
170	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	0	0	0,58
171	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	1,45	0	0	0	0	0	1,45	0	0
172	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	1,45	0	1,45
173	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	0,58	0	0,58
174	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	1,16	0	0,58
175	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
176	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	0	0	1,45
177	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	0	0	0,58
178	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	0	0	0,58
179	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0
180	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	0	1,45	1,45
181	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	0	0,58	0,58
182	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	0	1,16	0,58
183	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
184	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
185	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
186	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
187	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0	0	1,45	0	0
188	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
189	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
190	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
191	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
192	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
193	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
194	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
195	GR1-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0
196	GR1-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
197	GR3-1	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
198	GR3-2	1,35	1,35	1,5	1,35	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
199		1,35	1,35	1,5	1	1	1,5	0	0	1,5	0	0	0	0	0	0	0	0	0
200	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0	0	0	0
201	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0	0	0	1,45
202	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
203	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
204	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0	0	1,45	0	0
205	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
206	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
207	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
208	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	0	0
209	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
210	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
211	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
212	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0	0	1,45	0
213	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
214	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
215	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
216	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0	0	0	0	0
217	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
218	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
219	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
220	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0	0	1,45	0	0
221	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
222	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
223	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
224	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	0	0
225	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
226	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
227	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
228	GR1-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0	0	1,45	0
229	GR1-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
230	GR3-1	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
231	GR3-2	1,35	1,35	1,5	1	1	0,9	0	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58
232		1,35	1,35	1,5	1	1	0	1,5	0	1,5	0	0	0	0	0	0	0	0	0
233	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0	0	0	0	0
234	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	0	0	1,45
235	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0	0	0,58
236	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	0	0	0,58
237	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0	0	1,45	0	0
238	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,45	0	0	0	0,58	0	1,45	0	1,45
239	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0,58	0	0	0	1,45	0	0,58	0	0,58
240	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	1,16	0	0	0	1,45	0	1,16	0	0,58
241	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	0	0
242	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	0	1,45
243	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0	0,58
244	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	0	0,58
245	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0	0	1,45	0
246	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,45	0	0	0	0,58	0	1,45	1,45
247	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0,58	0	0	0	1,45	0	0,58	0,58
248	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	1,16	0	0	0	1,45	0	1,16	0,58
249	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0	0	0	0	0
250	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	0	0	1,45
251	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0	0	0,58
252	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	0	0	0,58
253	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0	0	1,45	0	0
254	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,45	0	0,58	0	1,45	0	1,45
255	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0,58	0	1,45	0	0,58	0	0,58
256	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	1,16	0	1,45	0	1,16	0	0,58
257	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	0	0
258	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	0	1,45
259	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0	0,58
260	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	0	0,58
261	GR1-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0	0	1,45	0
262	GR1-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,45	0	0,58	0	1,45	1,45
263	GR3-1	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	0,58	0	1,45	0	0,58	0,58
264	GR3-2	1,35	1,35	1,5	1	1	0	0,9	0	0,9	0	0	0	1,16	0	1,45	0	1,16	0,58

11.1.2. Combinazioni SLU di tipo GEO

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1		1	1	1,3	1	1	1,3	0	1,3	0	0	0	0	0	0	0	0	0	0
2	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	0	0	0
3	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	0	0	1,25
4	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0	0	0,5
5	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	0	0	0,5
6	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0	0	1,25	0	0
7	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	0	1,25
8	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0	0,5
9	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	1	0	0	0	1,25	0	1	0	0,5
10	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	0	0	0
11	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	0	1,25
12	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0	0,5
13	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	0	0,5
14	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0	0	1,25	0
15	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1,25	0	0	0	0,5	0	1,25	1,25
16	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0,5	0	0	0	1,25	0	0,5	0,5
17	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	1	0	0	0	1,25	0	1	0,5
18	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0	0
19	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	0	0	1,25
20	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0	0,5
21	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0	0,5
22	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0	0
23	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	0	1,25
24	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0	0,5
25	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	1	0	1,25	0	1	0	0,5
26	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0	0	0	0
27	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0,5	0	0	1,25
28	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0	1,25	0	0	0,5
29	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	0	1,25	0	0	0,5
30	GR1-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0	0	1,25	0
31	GR1-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1,25	0	0,5	0	1,25	1,25
32	GR3-1	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	0,5	0	1,25	0	0,5	0,5
33	GR3-2	1	1	1,3	1	1	0,78	0	0,78	0	0	0	0	1	0	1,25	0	1	0,5
34		1	1	1,3	1	1	0	1,3	1,3	0	0	0	0	0	0	0	0	0	0
35	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	0	0	0	0
36	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	0	0	1,25
37	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0	0	0,5
38	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	0	0	0,5
39	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0	0	1,25	0	0
40	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	1,25	0	0	0	0,5	0	1,25	0	1,25
41	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0,5	0	0	0	1,25	0	0,5	0	0,5
42	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	1	0	0	0	1,25	0	1	0	0,5
43	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	0	0	0
44	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0,5	0	0	1,25
45	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	0	1,25	0	0	0,5
46	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	0	1,25	0	0	0,5
47	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0	0	1,25	0
48	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1,25	0	0	0	0,5	0	1,25	1,25
49	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0,5	0	0	0	1,25	0	0,5	0,5
50	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	1	0	0	0	1,25	0	1	0,5
51	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0	0	0	0	0
52	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0,5	0	0	0	1,25

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
53	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0,5	0	1,25	0	0	0	0,5
54	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1	0	1,25	0	0	0	0,5
55	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0	0	1,25	0	0
56	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1,25	0	0,5	0	1,25	0	1,25
57	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0,5	0	1,25	0	0,5	0	0,5
58	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	1	0	1,25	0	1	0	0,5
59	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0	0	0	0
60	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0,5	0	0	1,25
61	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0	1,25	0	0	0,5
62	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	0	1,25	0	0	0,5
63	GR1-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0	0	1,25	0
64	GR1-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1,25	0	0,5	0	1,25	1,25
65	GR3-1	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	0,5	0	1,25	0	0,5	0,5
66	GR3-2	1	1	1,3	1	1	0	0,78	0,78	0	0	0	0	1	0	1,25	0	1	0,5
67		1	1	1,3	1	1	1,3	0	0	1,3	0	0	0	0	0	0	0	0	0
68	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0	0	0	0
69	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0,5	0	0	0	1,25
70	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0	0	0	1,25	0	0	0	0,5
71	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	0	0	0	1,25	0	0	0	0,5
72	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0	0	1,25	0	0
73	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	1,25	0	0	0	0,5	0	1,25	0	1,25
74	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0,5	0	0	0	1,25	0	0,5	0	0,5
75	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	1	0	0	0	1,25	0	1	0	0,5
76	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0	0	0	0
77	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
78	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
79	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1	0	0	0	1,25	0	0	0,5
80	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0	0	1,25	0
81	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1,25	0	0	0	0,5	0	1,25	1,25
82	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
83	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	1	0	0	0	1,25	0	1	0,5
84	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0	0	0	0	0
85	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0,5	0	0	0	1,25
86	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0,5	0	1,25	0	0	0	0,5
87	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1	0	1,25	0	0	0	0,5
88	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0	0	1,25	0	0
89	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1,25	0	0,5	0	1,25	0	1,25
90	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0,5	0	1,25	0	0,5	0	0,5
91	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	1	0	1,25	0	1	0	0,5
92	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0	0	0	0
93	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0,5	0	0	1,25
94	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
95	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	0	1,25	0	0	0,5
96	GR1-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0	0	1,25	0
97	GR1-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1,25	0	0,5	0	1,25	1,25
98	GR3-1	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
99	GR3-2	1	1	1,3	1	1	0,78	0	0	0,78	0	0	0	1	0	1,25	0	1	0,5
100		1	1	1,3	1	1	0	1,3	0	1,3	0	0	0	0	0	0	0	0	0
101	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0	0	0	0	0
102	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0,5	0	0	0	1,25
103	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0	0	0	1,25	0	0	0	0,5
104	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	0	0	1,25	0	0	0	0,5
105	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0	0	1,25	0	0
106	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	1,25	0	0	0	0,5	0	1,25	0	1,25
107	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0,5	0	0	0	1,25	0	0,5	0	0,5

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif / Ritiro	DT +	DT -	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
108	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	1	0	0	0	1,25	0	1	0	0,5
109	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	0	0	0
110	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	0	0	1,25
111	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0	0,5
112	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	0	0	0,5
113	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0	0	1,25	0
114	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1,25	0	0	0	0,5	0	1,25	1,25
115	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0,5	0	0	0	1,25	0	0,5	0,5
116	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	1	0	0	0	1,25	0	1	0,5
117	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	0	0	0	0
118	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	0	0	1,25
119	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0,5	0	1,25	0	0	0	0,5
120	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	0	0	0,5
121	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0	0	1,25	0	0
122	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1,25	0	0,5	0	1,25	0	1,25
123	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0,5	0	1,25	0	0,5	0	0,5
124	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	1	0	1,25	0	1	0	0,5
125	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	0	0	0
126	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	0	1,25
127	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0	0,5
128	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25	0	0	0,5
129	GR1-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0	0	1,25	0
130	GR1-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1,25	0	0,5	0	1,25	1,25
131	GR3-1	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	0,5	0	1,25	0	0,5	0,5
132	GR3-2	1	1	1,3	1	1	0	0,78	0	0,78	0	0	0	1	0	1,25	0	1	0,5

11.1.3. Combinazioni SLV

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
2	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
3	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
4	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
5	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
6	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
7	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
8	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
9	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
10	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	

n° CC	P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
11	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0	1	1				0,3				
12	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
13	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
14	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
15	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
16	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1				
17	1	1	1	1	1	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
18	1	1	1	1	1	0,5	0	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
19	1	1	1	1	1	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
20	1	1	1	1	1	0,5	0	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
21	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0	1	1			0,3					
22	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
23	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
24	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
25	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
26	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
27	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
28	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
29	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
30	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
31	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0	1	1				0,3				
32	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
33	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
34	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
35	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
36	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1				
37	1	1	1	1	1	0	0,5	0,5	0	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
38	1	1	1	1	1	0	0,5	0,5	0	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
39	1	1	1	1	1	0	0,5	0,5	0	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
40	1	1	1	1	1	0	0,5	0,5	0	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
41	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0	1	1			0,3					
42	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
43	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
44	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
45	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
46	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
47	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
48	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
49	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
50	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
51	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0	1	1				0,3				
52	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
53	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
54	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
55	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
56	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1				
57	1	1	1	1	1	0,5	0	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
58	1	1	1	1	1	0,5	0	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
59	1	1	1	1	1	0,5	0	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
60	1	1	1	1	1	0,5	0	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
61	1	1	1	1	1	0	0,5	0	0,5	0	0	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 - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio	Incremento dinamico terreno	Azioni sismiche orizzontali	Sisma orizz da massa LM71 + LM71	Sisma orizz da massa LM71 + SW2	Azioni sismiche verticali verso l'alto	Azioni sismiche verticali verso il basso	Sisma verso alto da LM71 + LM71	Sisma verso basso da LM71 + LM71	Sisma verso alto da LM71 + SW2	Sisma verso basso da LM71 + SW2
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
62	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
63	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
64	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1		0,3		0,3			
65	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1	0,3				0,3	
66	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3			1					
67	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
68	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
69	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3		1		1			
70	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3	1				1	
71	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0	1	1				0,3				
72	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
73	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
74	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	1	1	1			0,3		0,3		
75	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	1	1		1		0,3				0,3
76	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0	0	0	0	0	0,2	0,3	0,3				1				
77	1	1	1	1	1	0	0,5	0	0,5	0,2	0	0	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
78	1	1	1	1	1	0	0,5	0	0,5	0	0,2	0	0	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1
79	1	1	1	1	1	0	0,5	0	0,5	0	0	0,2	0	0,2	0	0,2	0	0,2	0,3	0,3	0,3			1		1		
80	1	1	1	1	1	0	0,5	0	0,5	0	0	0	0,2	0	0,2	0	0,2	0,2	0,3	0,3		0,3		1				1

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

11.1.4. Combinazioni SLE – Quasi Permanente – Caratteristica

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
QP1		1	1	1	1	1	0,5	0	0,5	0									
QP2		1	1	1	1	1	0	0,5	0,5	0									
QP3		1	1	1	1	1	0,5	0	0	0,5									
QP4		1	1	1	1	1	0	0,5	0	0,5									
Car1	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	0	0	0
Car2	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	0	0	0
Car3	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0,5	0	1	0	1
Car4	gr1	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	0	0	1	0	1
Car5	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	0	0	0
Car6	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	0	0	0
Car7	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0,5	0	1	0	1

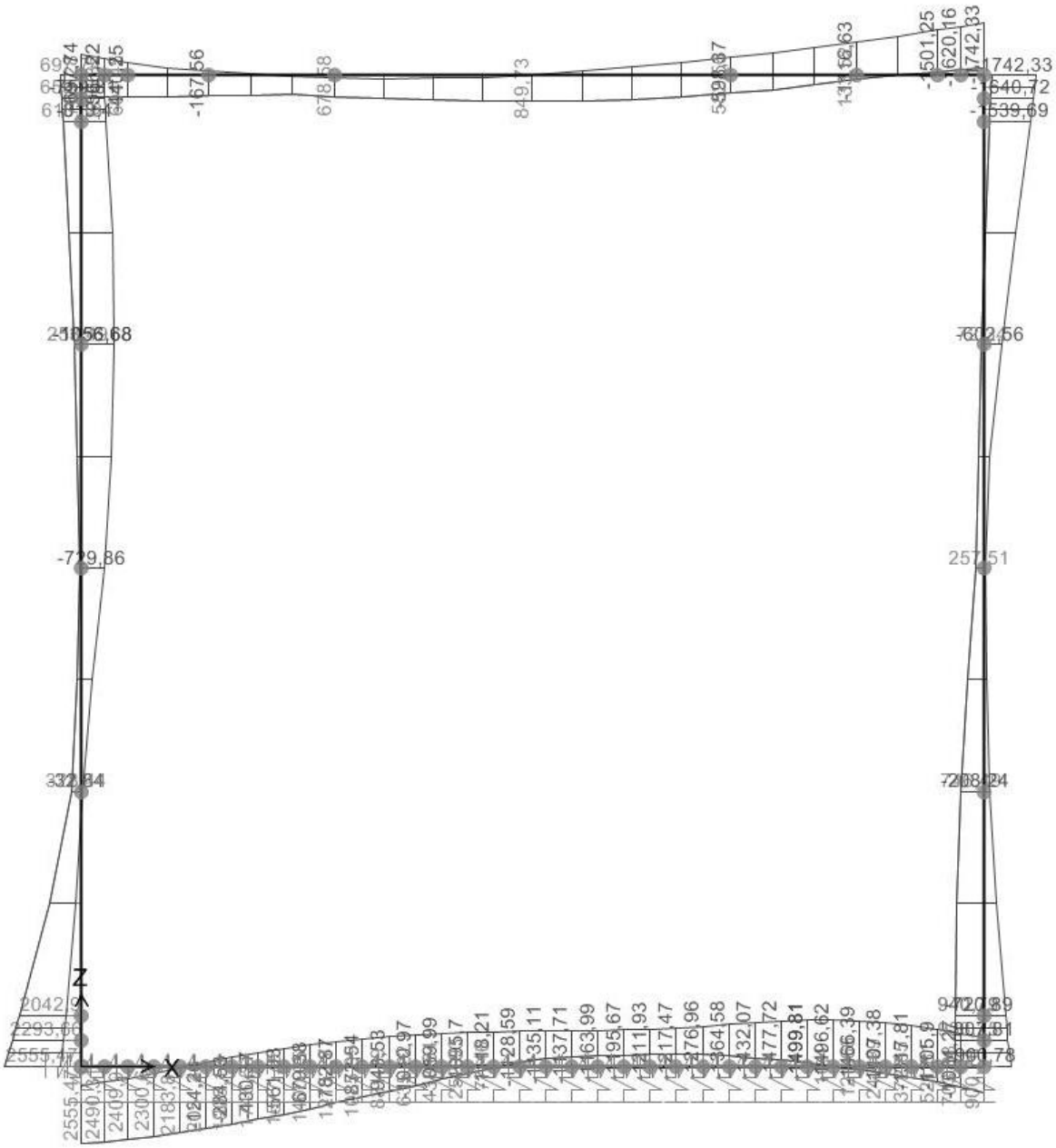
n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car8	gr1	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	0	0	1	0	1
Car9	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0	0	0
Car10	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	0	0	0
Car11	gr3	1	1	1	1	1	0,6	0	0,6	0	1	0	0	0	1	0	1	0	0,5
Car12	gr3	1	1	1	1	1	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car13	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0	0	0
Car14	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	0	0	0
Car15	gr3	1	1	1	1	1	0	0,6	0,6	0	1	0	0	0	1	0	1	0	0,5
Car16	gr3	1	1	1	1	1	0	0,6	0,6	0	0,5	0	0	0	1	0	0,5	0	0,5
Car17	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	0	0
Car18	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	0	0
Car19	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0,5	0	1	1
Car20	gr1	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	0	0	1	1
Car21	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	0	0
Car22	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	0	0
Car23	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0,5	0	1	1
Car24	gr1	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	0	0	1	1
Car25	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0	0
Car26	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	0	0
Car27	gr3	1	1	1	1	1	0,6	0	0,6	0	0	1	0	0	0	1	0	1	0,5
Car28	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car29	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0	0
Car30	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	0	0
Car31	gr3	1	1	1	1	1	0	0,6	0,6	0	0	1	0	0	0	1	0	1	0,5
Car32	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0,5	0	0	0	1	0	0,5	0,5
Car33	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	0	0	0
Car34	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	0	0	0
Car35	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0,5	0	1	0	1
Car36	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	0	0	1	0	1
Car37	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	0	0	0
Car38	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	0	0	0
Car39	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0,5	0	1	0	1
Car40	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	0	0	1	0	1
Car41	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0	0	0
Car42	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	0	0	0
Car43	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	1	0	1	0	1	0	0,5
Car44	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car45	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0	0	0
Car46	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	0	0	0
Car47	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	1	0	1	0	1	0	0,5
Car48	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0,5	0	1	0	0,5	0	0,5
Car49	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	0	0
Car50	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	0	0
Car51	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0,5	0	1	1
Car52	gr1	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	0	0	1	1
Car53	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	0	0
Car54	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	0	0
Car55	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0,5	0	1	1
Car56	gr1	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	0	0	1	1
Car57	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0	0
Car58	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	0	0
Car59	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	1	0	1	0	1	0,5
Car60	gr3	1	1	1	1	1	0,6	0	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5
Car61	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0	0
Car62	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	0	0
Car63	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	1	0	1	0	1	0,5

n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car64	gr3	1	1	1	1	1	0	0,6	0,6	0	0	0	0	0,5	0	1	0	0,5	0,5
Car65		1	1	1	1	1	1	0	1	0	0			0	0	0	0	0	0
Car66		1	1	1	1	1	0	1	1	0	0			0	0	0	0	0	0
Car67	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0,5	0	0	0	0
Car68	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	0	0	0	0
Car69	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0,5	0	1	0	1
Car70	gr1	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	0	0	1	0	1
Car71	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0,5	0	0	0	0
Car72	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	0	0	0	0
Car73	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0,5	0	1	0	1
Car74	gr1	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	0	0	1	0	1
Car75	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	0	1	0	0	0	0
Car76	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	0	0	0
Car77	gr3	1	1	1	1	1	0,6	0	0	0,6	1	0	0	0	1	0	1	0	0,5
Car78	gr3	1	1	1	1	1	0,6	0	0	0,6	0,5	0	0	0	1	0	0,5	0	0,5
Car79	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0	0	0
Car80	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	0	0	0
Car81	gr3	1	1	1	1	1	0	0,6	0	0,6	1	0	0	0	1	0	1	0	0,5
Car82	gr3	1	1	1	1	1	0	0,6	0	0,6	0,5	0	0	0	1	0	0,5	0	0,5
Car83	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0,5	0	0	0
Car84	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	0	0	0
Car85	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0,5	0	1	1
Car86	gr1	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	0	0	1	1
Car87	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0,5	0	0	0
Car88	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	0	0	0
Car89	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0,5	0	1	1
Car90	gr1	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	0	0	1	1
Car91	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0	0
Car92	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	0	0
Car93	gr3	1	1	1	1	1	0,6	0	0	0,6	0	1	0	0	0	1	0	1	0,5
Car94	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0,5	0	0	0	1	0	0,5	0,5
Car95	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0	0
Car96	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	0	0
Car97	gr3	1	1	1	1	1	0	0,6	0	0,6	0	1	0	0	0	1	0	1	0,5
Car98	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0,5	0	0	0	1	0	0,5	0,5
Car99	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	0	0	0
Car100	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	0	0	0
Car101	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0,5	0	1	0	1
Car102	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	0	0	1	0	1
Car103	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	0	0	0
Car104	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	0	0	0
Car105	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0,5	0	1	0	1
Car106	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	0	0	1	0	1
Car107	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0	0	0
Car108	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	0	0	0
Car109	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	1	0	1	0	1	0	0,5
Car110	gr3	1	1	1	1	1	0,6	0	0	0,6	0	0	0,5	0	1	0	0,5	0	0,5
Car111	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0	0	0
Car112	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	0	0	0
Car113	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	1	0	1	0	1	0	0,5
Car114	gr3	1	1	1	1	1	0	0,6	0	0,6	0	0	0,5	0	1	0	0,5	0	0,5
Car115	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	0	0
Car116	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	0	0
Car117	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0,5	0	1	1
Car118	gr1	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	0	0	1	1
Car119	gr1	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0,5	0	0	0

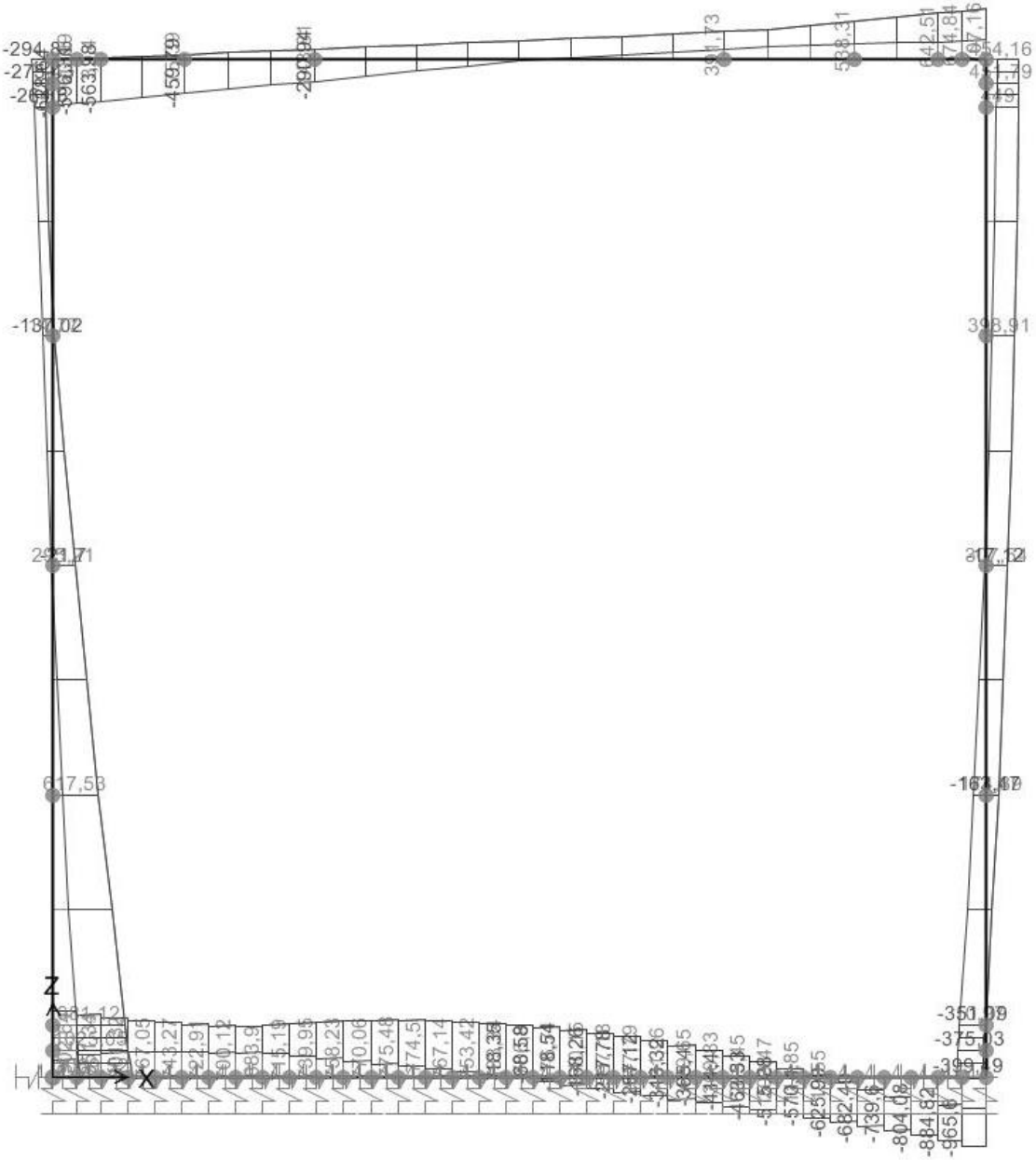
n° CC		P.P	Rilevato	Ballast	Terra sx	Terra dx	T+ unif	T- unif	DT +	DT - / Ritiro	LM71 + M71 DX	SW2 + LM71 DX	LM71 + LM71 C	SW2 + LM71 C	LM71 avv. + LM71 fren.	LM71 avv. + SW/2 fren.	LM71 terra	SW/2 terra	Serpeggio
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Car120	**gr1**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0	0	0	0
Car121	**gr1**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0,5	0	1	1
Car122	**gr1**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	0	0	1	1
Car123	**gr3**	1	1	1	1	1	0,6	0	0	0,6	0	0	0	0,5	0	1	0	0	0
Car124	**gr3**	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	1	0	0	0
Car125	**gr3**	1	1	1	1	1	0,6	0	0	0,6	0	0	0	1	0	1	0	1	0,5
Car126	**gr3**	1	1	1	1	1	0,6	0	0	0,6	0	0	0	0,5	0	1	0	0,5	0,5
Car127	**gr3**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	0,5	0	1	0	0	0
Car128	**gr3**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	1	0	0	0
Car129	**gr3**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	1	0	1	0	1	0,5
Car130	**gr3**	1	1	1	1	1	0	0,6	0	0,6	0	0	0	0,5	0	1	0	0,5	0,5
Car131		1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
Car132		1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0

11.2. Diagrammi di inviluppo – scatolare sotto linea AV/AC

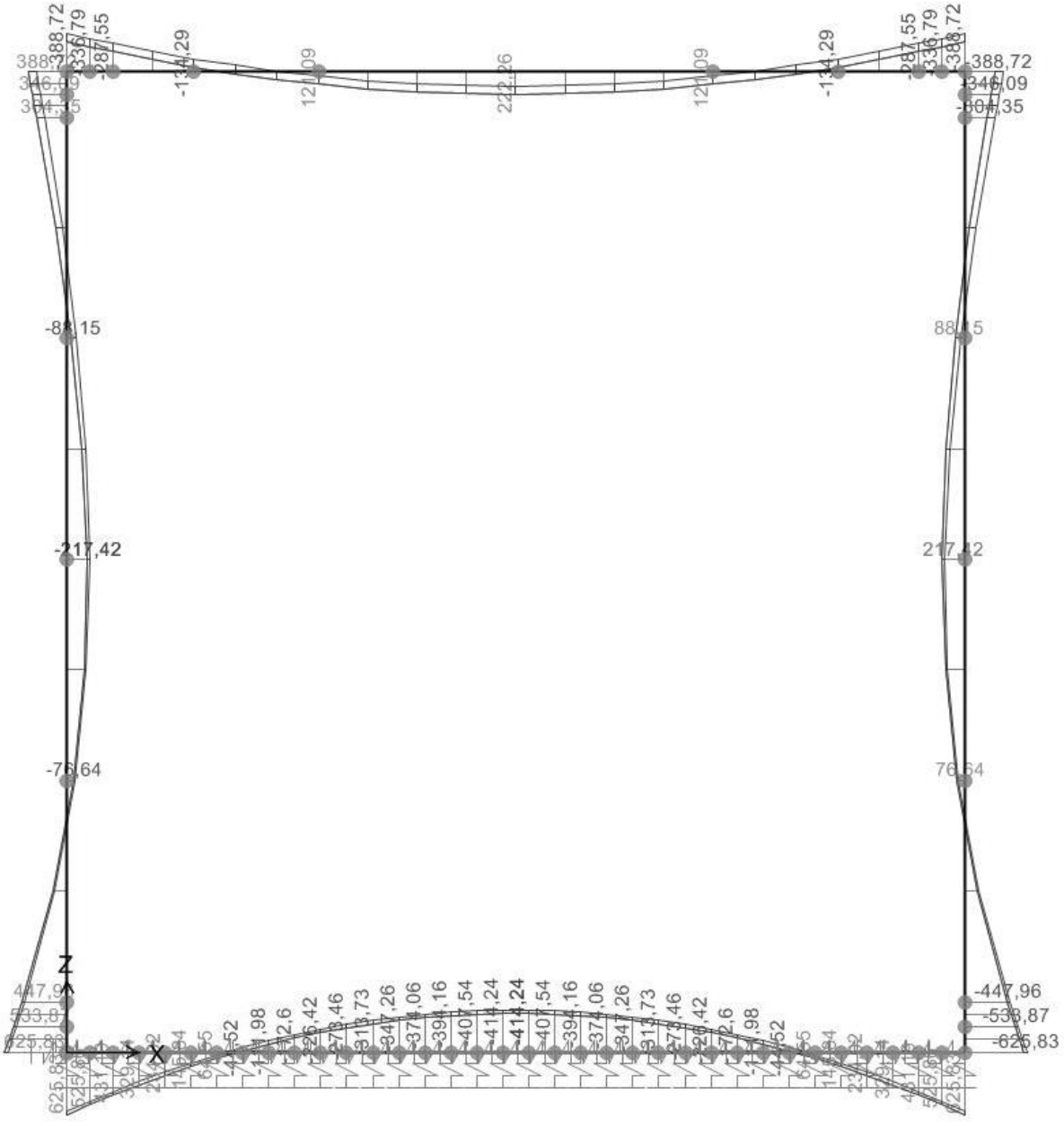
11.2.1. Inviluppo momento flettente SLU/SLV – STR



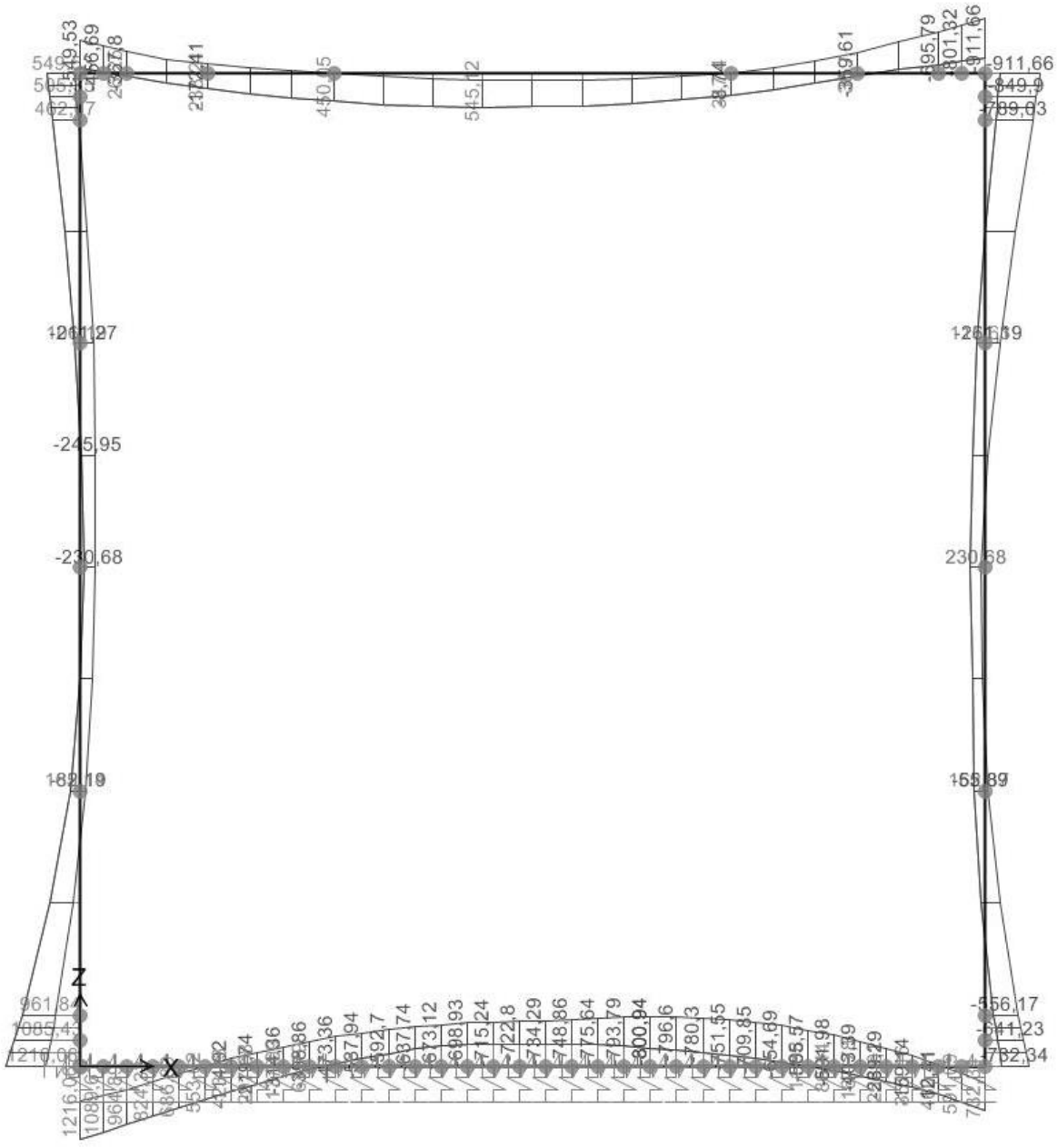
11.2.2. Inviluppo taglio SLU/SLV – STR



11.2.3. Inviluppo momento flettente SLE – Quasi Permanente

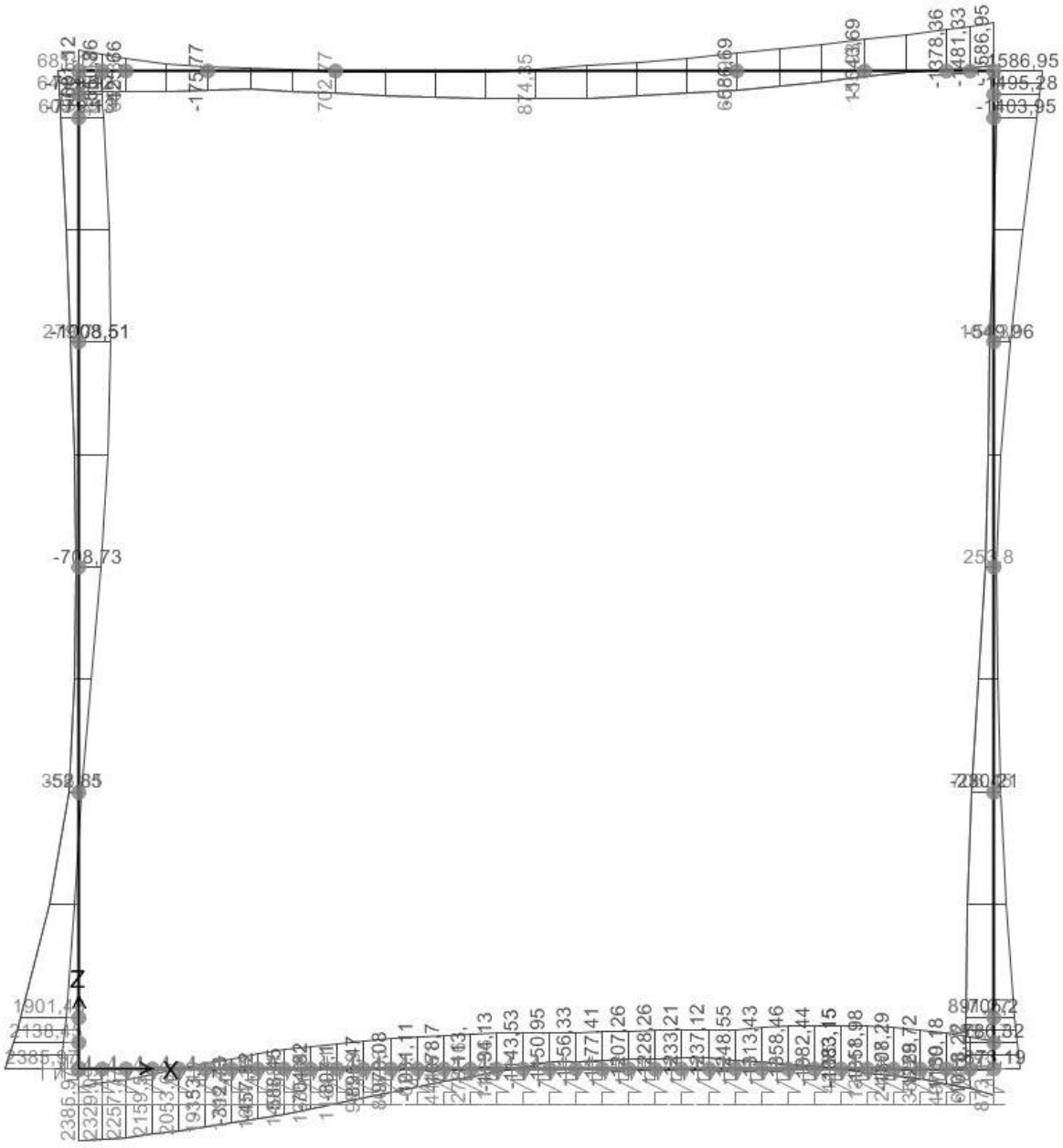


11.2.4. Inviluppo momento flettente SLE – Caratteristico

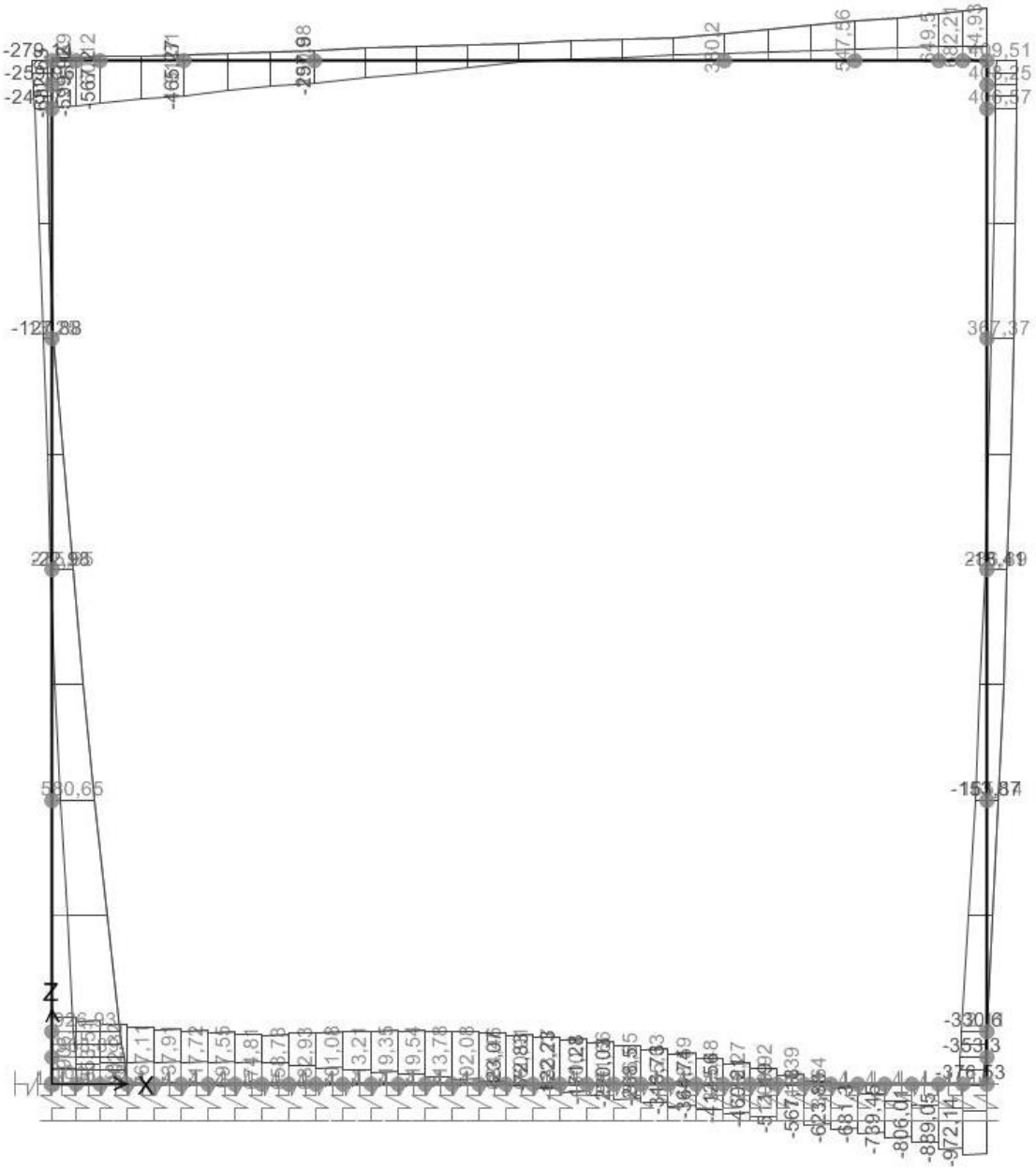


11.3. Diagrammi di inviluppo – scatolare sotto linea storica

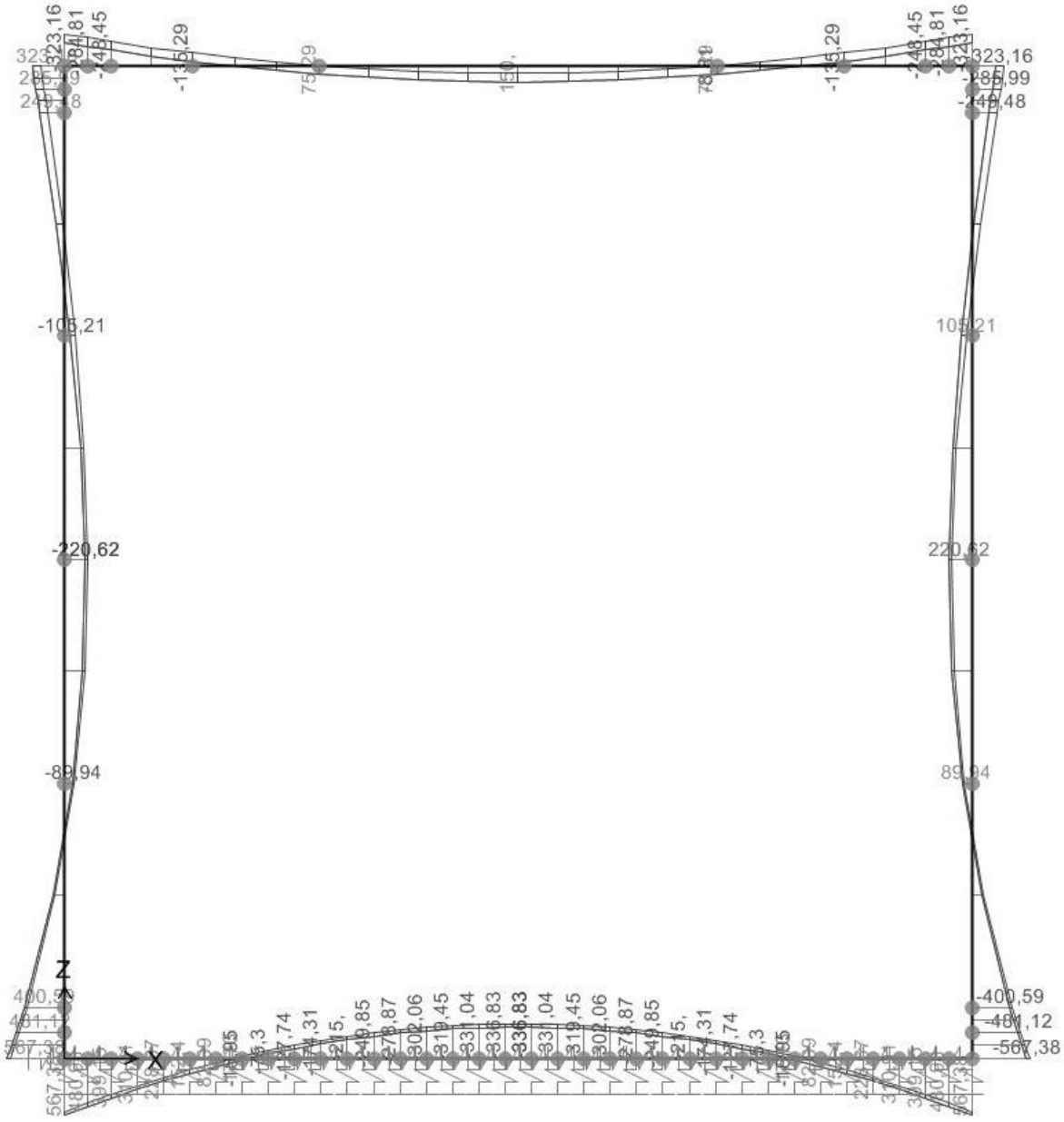
11.3.1. Inviluppo momento flettente SLU/SLV – STR



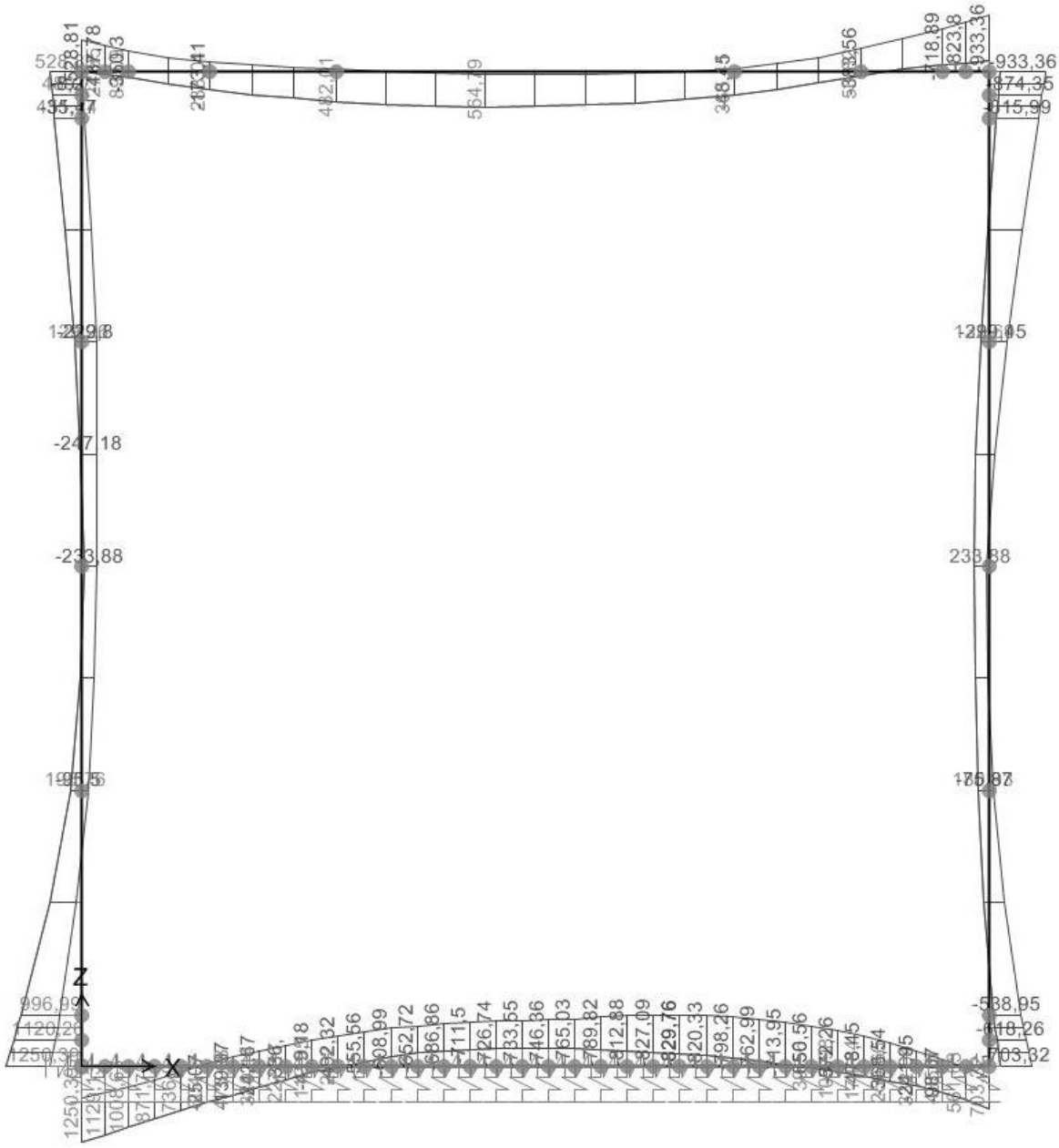
11.3.2. Inviluppo taglio SLU/SLV – STR



11.3.3. Inviluppo momento flettente SLE – Quasi Permanente



11.3.4. Inviluppo momento flettente SLE – Caratteristico



12. VERIFICHE DI RESISTENZA ULTIMA E DI ESERCIZIO

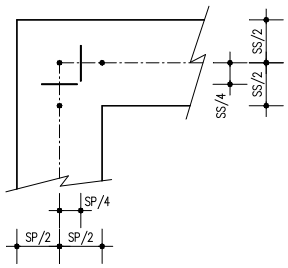
Di seguito si riportano le verifiche delle sezioni per le aste più significative e per le Combinazioni di carico risultate più critiche.

Le verifiche a flessione sono effettuate rispettivamente:

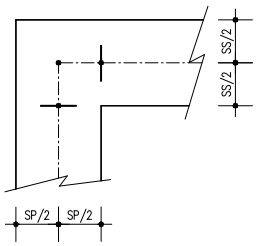
- nella sezione ubicata a metà fra asse piedritto e sezione d'attacco piedritto-soletta nel caso delle verifiche della soletta;

- 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 $\sigma_s < 0.75\ f_{yk}$.

12.1. Scatolare sotto linea AV/AC

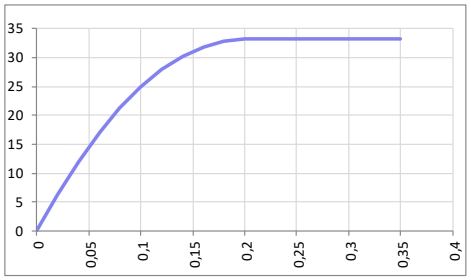
12.1.1. Soletta inferiore – sezione di incastro

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

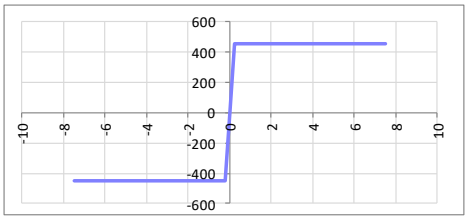
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



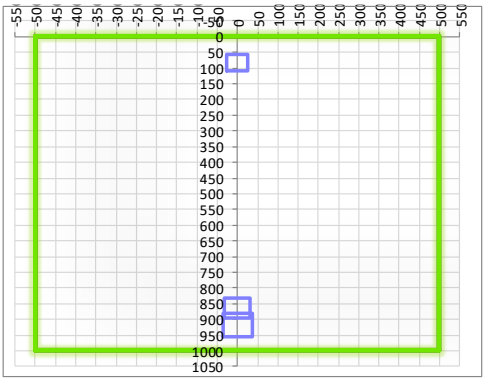
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,92		
n,lungo termine=	10,89	=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=	1000	mm



Armature:

Pos.	*n° barre*	*ø mm*	*yi mm*	*As mm²*
1	5	26	83	*2654,6458*
2	10	26	917	*5309,2916*
3	8	26	865	*3981,9687*
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	20	60	*1570,7963*
inferiore	5	20	940	*1570,7963*

12.1.1.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

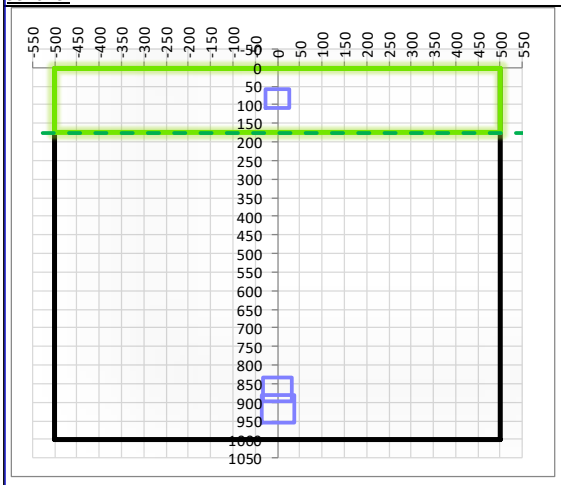
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

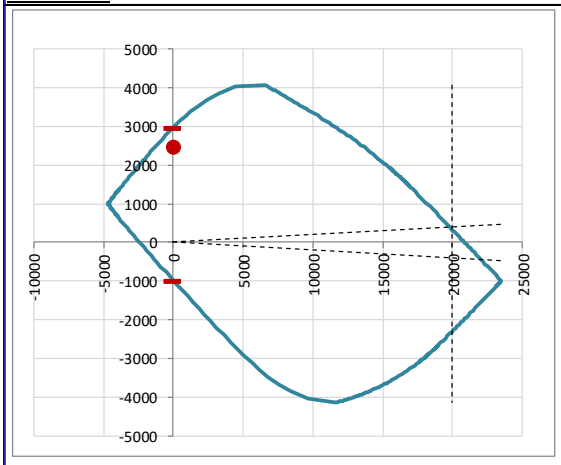
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV35	2	0,0	2490,3	23487,82	-4674,48	2978,66	-983,40	84%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,49	%
d=	917,00	mm
x=	174,69	mm
x/d=	0,19	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV35	2	0,0	2490,3

12.1.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	1000	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	26	83	2655
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	2655	mm2		
Posizione della barra equivalente	c*	83	mm		

SOLLECITAZIONI			
Load Case		SLU122	
Frame		33	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	884,82	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	917	mm
Coefficiente	k	1,47	
Rapporto di armatura longitudinale	ρl	0,29%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	3,76	N/mm2
	v_{min}	0,36	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	328,59	kN
Resistenza al taglio senza armatura	**V_{rd}**	**343,22**	**kN**
Verifica		2,58	***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	40	°
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}	18,81333333	N/mm2
Area armatura a taglio	A_{st}	512,61	mm2
	σ_{cp}/f_{cd}	0	
Coefficiente di interazione	α_{cw}	1	
Resistenza a tagio per rottura delle armature	**V_{rds}**	**986,45**	**kN**
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3822,69**	**kN**
Resistenza al taglio	**V_{rd}**	**986,45**	**kN**
Verifica		0,90	***Verifica soddisfatta***

12.1.1.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		***w_d [mm]***	***w_{lim} [mm]***	***M0 - Mf [kNm]***	
Cartteristica	CAR63	3	0,0	964,9		0,174	*0,200*	612,22	-

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	2	0,0	525,9		-3,21	75,37	-36,99	*Sezione parzializzata*
Cartteristica	CAR63	2	0,0	1089,6		-6,65	156,18	-76,65	*Sezione parzializzata*

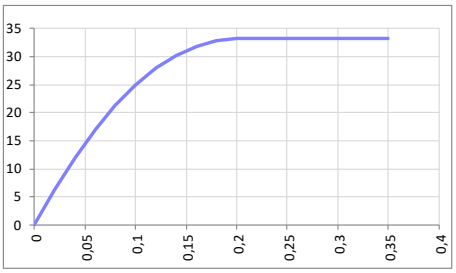
12.1.2. Soletta inferiore – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

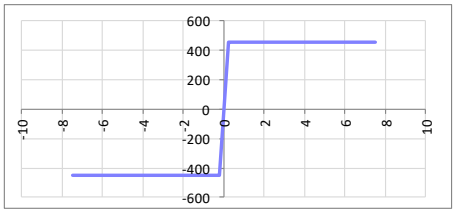
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,92		
n,lungo termine=	10,89	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

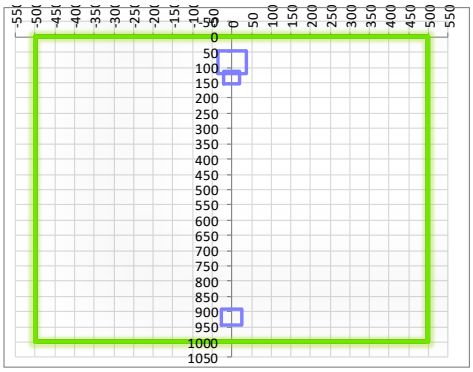
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	1000	mm

Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	10	26	83	*5309,2916*
2	5	26	917	*2654,6458*
3	5	20	132	*1570,7963*
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	20	60	*1570,7963*
inferiore	5	20	940	*1570,7963*

12.1.2.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

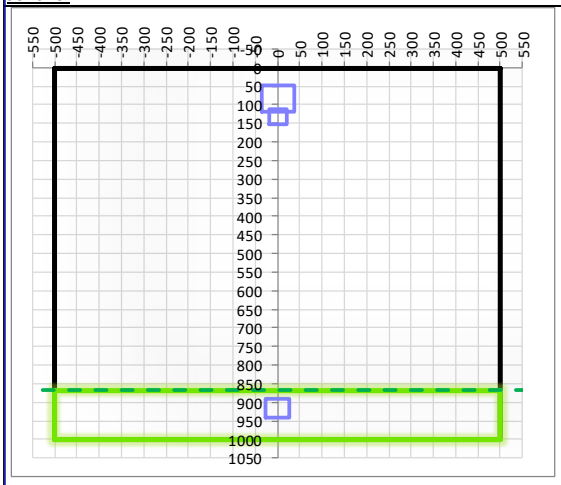
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

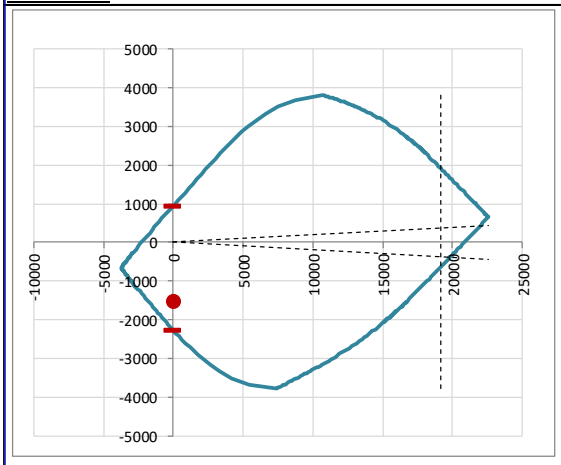
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV55	28	0,0	-1499,8	22544,32	*-3730,98*	955,07	*-2271,79*	66%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,09	%
d=	917,00	mm
x=	131,67	mm
x/d=	0,14	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	28	0,0	-1499,8

12.1.2.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR125	22	0,0	-800,9		0,186	*0,200*	-527,94	-

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	17	0,0	-414,2		-2,72	76,35	-30,24	*Sezione parzializzata*
Cartteristica	CAR125	22	0,0	-800,9		-5,27	147,62	-58,47	*Sezione parzializzata*

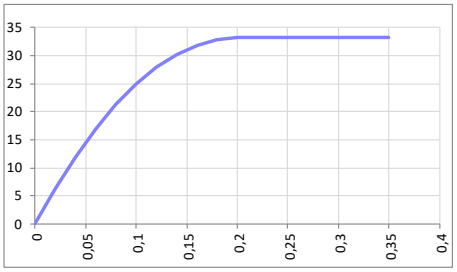
12.1.3. Piedritto – sezione di incastro inferiore

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

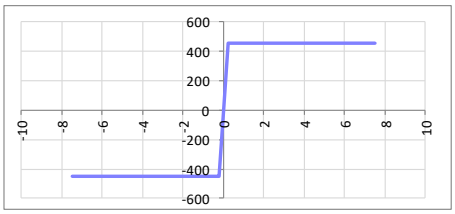
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm^2
f_{ck}	33,20	N/mm^2
f_{cm}	41,20	N/mm^2
f_{ctm}	3,10	N/mm^2
$f_{ctk,0.05}$	2,17	N/mm^2
$f_{ctk,0.95}$	4,03	N/mm^2
f_{cfm}	3,72	N/mm^2
E_{cm}	33642,78	N/mm^2
ε_{c2}	0,200	%
ε_{c3}	0,175	%
ε_{c4}	0,070	%
ε_{cu}	0,350	%
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia 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	%



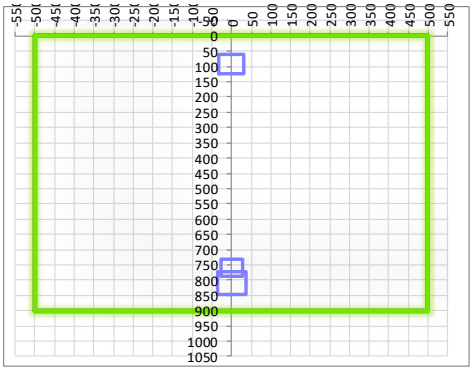
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	8	26	91	*3981,9687*
2	10	26	809	*5309,2916*
3	10	20	760	*3141,5927*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.1.3.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

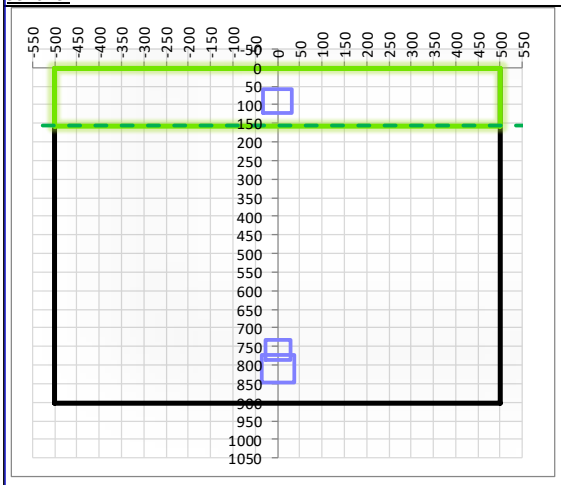
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

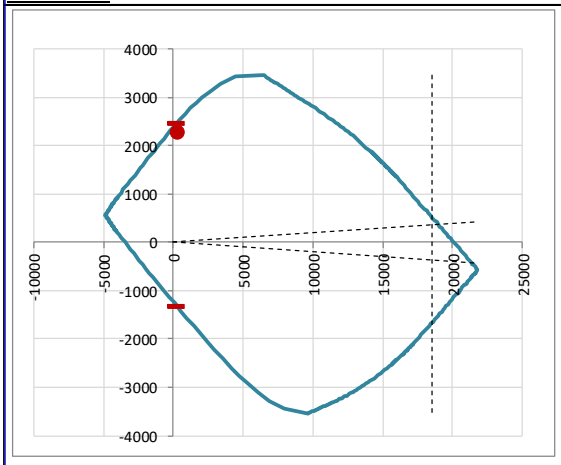
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV35	38	247,2	2293,7	21797,03	*-4865,03*	2464,47	*-1311,06*	93%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,46	%
d=	809,00	mm
x=	156,66	mm
x/d=	0,19	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV35	38	247,2	2293,7

12.1.3.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		8	26	91	3982
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	3982	mm2		
Posizione della barra equivalente	c*	91	mm		

SOLLECITAZIONI			
Load Case		SLV35	
Frame		40	
Azione assiale (+ di compressione)	N_{Ed}	241,28	kN
Taglio	V_{Ed}	981,12	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	809	mm
Coefficiente	k	1,50	
Rapporto di armatura longitudinale	ρl	0,49%	
Tensione assiale media	σ_{cp}	0,27	N/mm2
	0.2 x f_{cd}	3,76	N/mm2
	v_{min}	0,37	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	331,42	kN
Resistenza al taglio senza armatura	**V_{rd}**	**401,38**	**kN**
Verifica		2,44	***E' necessario prevedere armatura a taglio***

ARMATURA A TAGLIO			
Diametro staffe	ϕ	14	mm
Numero braccia	n	5	
Passo staffe	s	200	mm
Inclinazione staffe (rispetto all'orizzontale)	α	90	°
Inclinazione del puntone in calcestruzzo	θ	45	°
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	23,41	°

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO			
Coefficiente di riduzione per fessurazione	v_1	0,5	
Resistenza cilindrica di progetto	f_{cd}	18,81333333	N/mm2
Area armatura a taglio	A_{st}	769,69	mm2
	σ_{cp}/f_{cd}	0,014249941	
Coefficiente di interazione	α_{cw}	1,014249941	
Resistenza a tagio per rottura delle armature	**V_{rds}**	**1096,46**	**kN**
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3473,30**	**kN**
Resistenza al taglio	**V_{rd}**	**1096,46**	**kN**
Verifica		0,89	***Verifica soddisfatta***

12.1.3.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		***w_d [mm]***	***w_{lim} [mm]***	***M0 - Mf [kNm]***	
Cartteristica	CAR63	40	553,9	961,8		0,188	*0,200*	595,51	-

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	450,5	533,9		-4,31	71,09	-49,32	*Sezione parzializzata*
Cartteristica	CAR63	38	559,5	1085,4		-8,47	162,75	-94,52	*Sezione parzializzata*

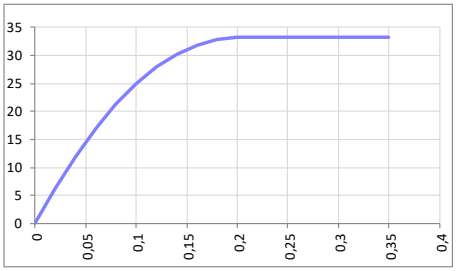
12.1.4. Piedritto – sezione di incastro superiore

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

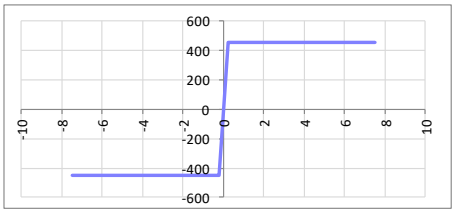
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



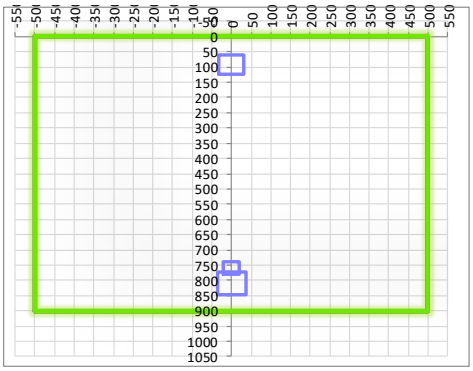
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	8	26	91	*3981,9687*
2	10	26	809	*5309,2916*
3	5	20	760	*1570,7963*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.1.4.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

Acciaio

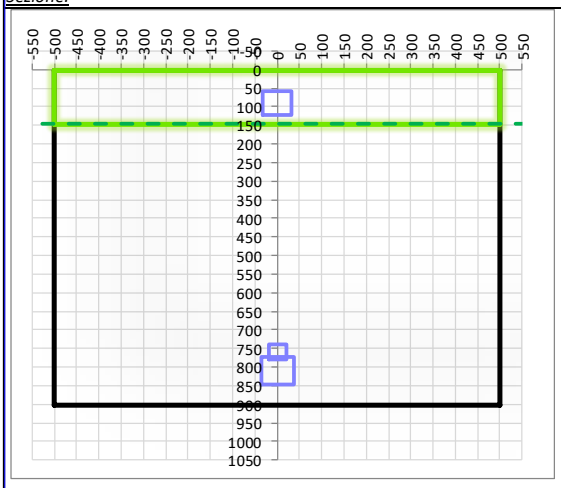
γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	49	555,5	1640,7

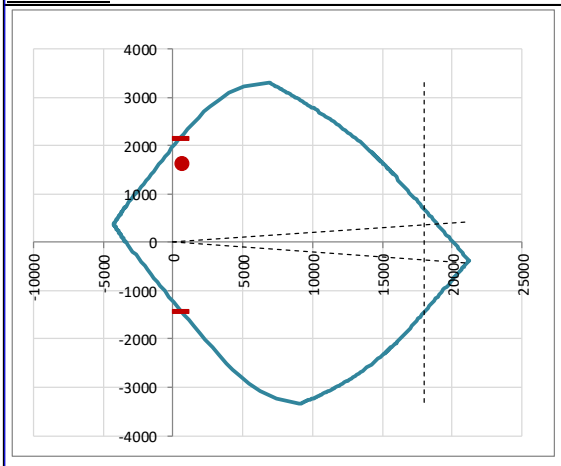
NRd+ [kN]	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
21182,37	*-4250,37*	2170,06	*-1407,58*	76%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,60	%
d=	809,00	mm
x=	145,05	mm
x/d=	0,18	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	49	555,5	1640,7

12.1.4.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR125	47	511,2	789,0		0,173	*0,200*	567,05	-

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	QP3	49	241,9	346,1		-2,87	57,18	-31,80	*Sezione parzializzata*
Cartteristica	CAR125	49	506,2	849,9		-6,99	145,96	-76,61	*Sezione parzializzata*

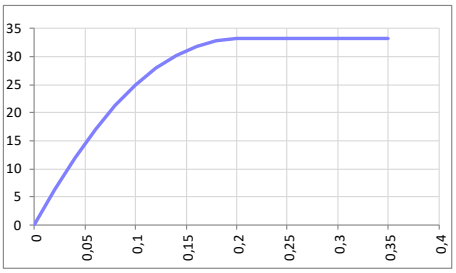
12.1.5. Piedritto – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

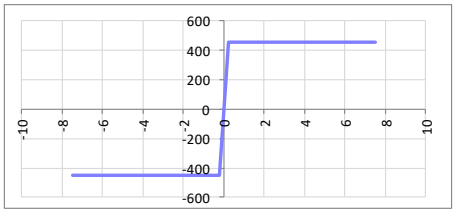
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

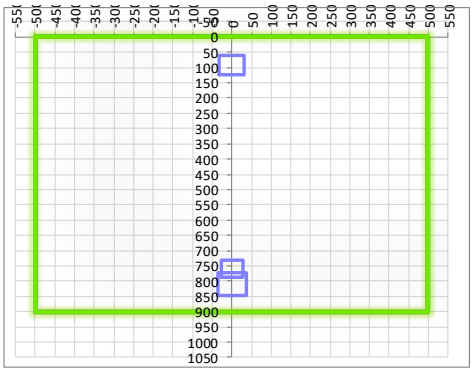
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	900	mm

Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	8	26	91	*3981,9687*
2	10	26	809	*5309,2916*
3	10	20	760	*3141,5927*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.1.5.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

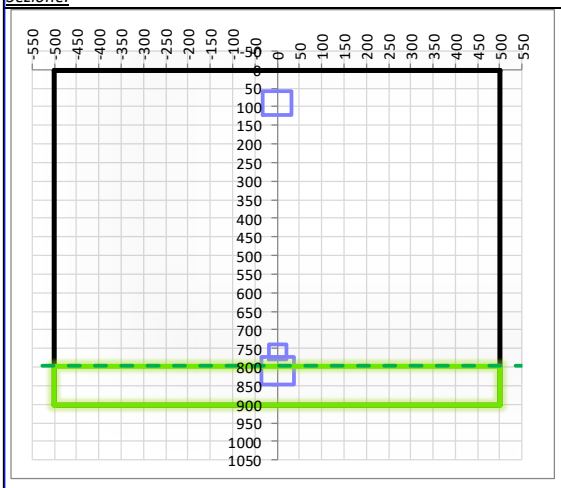
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

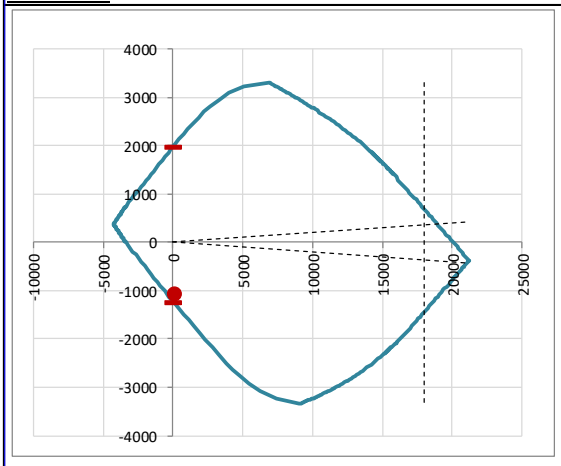
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV25	44	54,9	-1056,7	21182,37	*-4250,37*	1996,25	*-1233,29*	86%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,40	%
d=	809,00	mm
x=	103,10	mm
x/d=	0,13	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV25	44	54,9	-1056,7

12.1.5.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR63	44	430,2	-246,0		**Msd<Mf**	*0,200*	-552,94	-

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	42	345,9	217,4		-1,92	24,57	-22,80	*Sezione parzializzata*
Cartteristica	CAR63	44	430,2	246,0		-2,19	25,74	-26,28	*Sezione parzializzata*

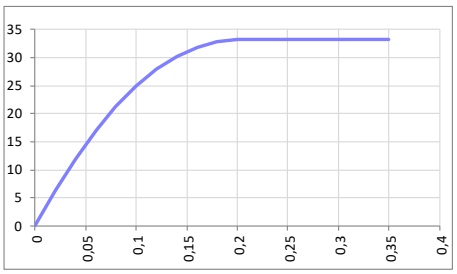
12.1.6. Soletta superiore – sezione di incastro

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

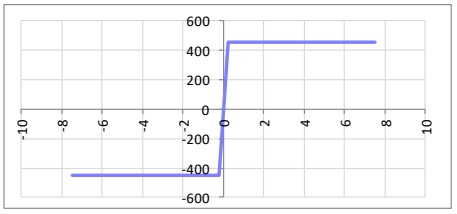
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



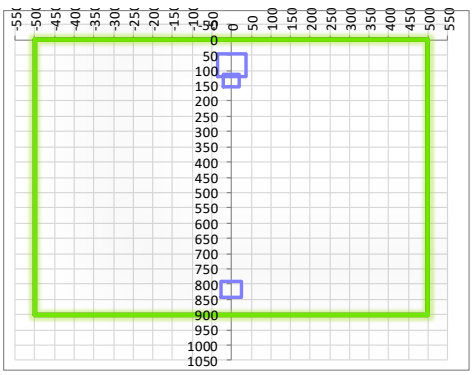
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	*n° barre*	*ø mm*	*yi mm*	*As mm²*
1	10	26	83	*5309,2916*
2	5	26	817	*2654,6458*
3	5	20	132	*1570,7963*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.1.6.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

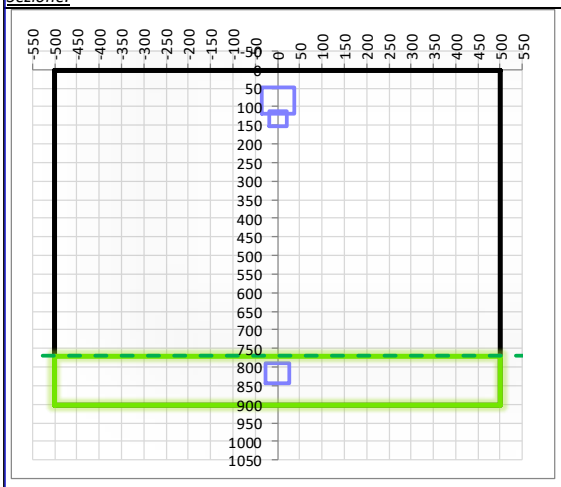
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

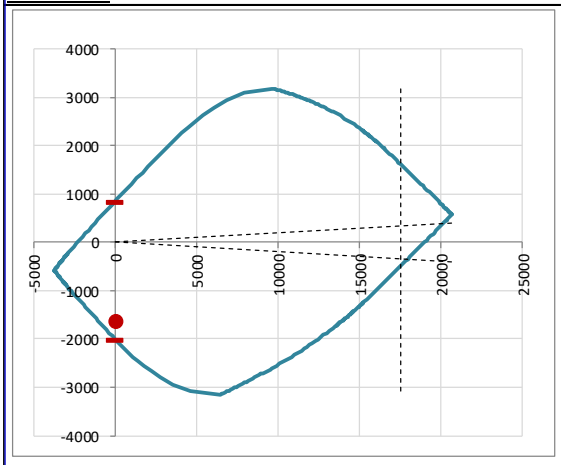
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV55	59	0,0	-1620,2	20662,98	*-3730,98*	851,19	*-2002,57*	81%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,82	%
d=	817,00	mm
x=	131,67	mm
x/d=	0,16	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	59	0,0	-1620,2

12.1.6.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	26	83	2655
strato2		0	0	132	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	2655	mm2		
Posizione della barra equivalente	c*	83	mm		

SOLLECITAZIONI			
Load Case		SLU23	
Frame		58	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	642,51	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	817	mm
Coefficiente	k	1,49	
Rapporto di armatura longitudinale	ρl	0,32%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	3,76	N/mm2
	v_{min}	0,37	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	301,11	kN
Resistenza al taglio senza armatura	**V_{rd}**	**323,81**	**kN**
Verifica		1,98	***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	v_1	0,5	
Resistenza cilindrica di progetto	f_{cd}	18,81333333	N/mm2
Area armatura a taglio	A_{st}	512,61	mm2
	σ_{cp}/f_{cd}	0	
Coefficiente di interazione	α_{cw}	1	
Resistenza a tagio per rottura delle armature	**V_{rds}**	**737,46**	**kN**
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3458,36**	**kN**
Resistenza al taglio	**V_{rd}**	**737,46**	**kN**
Verifica		0,87	***Verifica soddisfatta***

12.1.6.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		***w_d [mm]***	***w_{lim} [mm]***	***M0 - Mf [kNm]***	
Cartteristica	CAR125	58	0,0	-695,8		0,183	*0,200*	-431,62	-

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	QP3	59	0,0	-336,8		-2,68	70,43	-28,93	*Sezione parzializzata*
Cartteristica	CAR125	59	0,0	-801,3		-6,37	167,57	-68,84	*Sezione parzializzata*

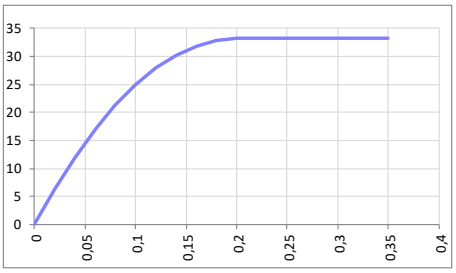
12.1.7. Soletta superiore – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

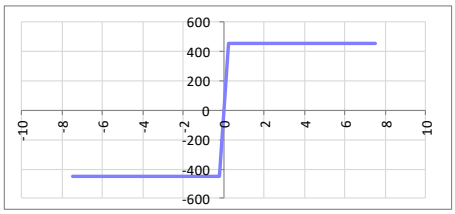
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



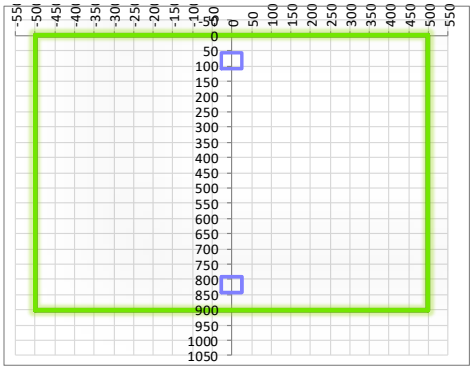
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	*n° barre*	*ø mm*	*yi mm*	*As mm²*
1	5	26	83	*2654,6458*
2	5	26	817	*2654,6458*
3	5	26	817	*2654,6458*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.1.7.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

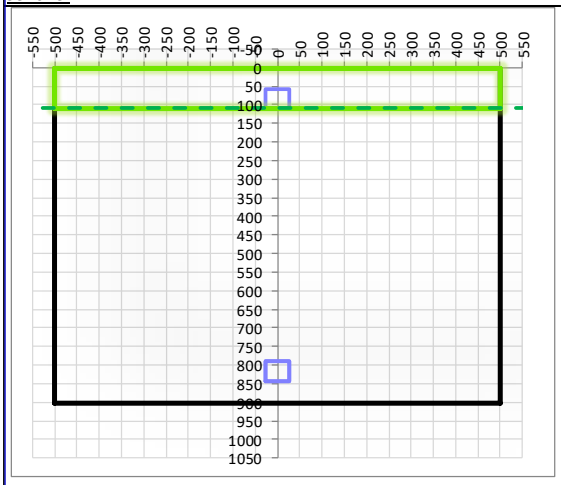
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

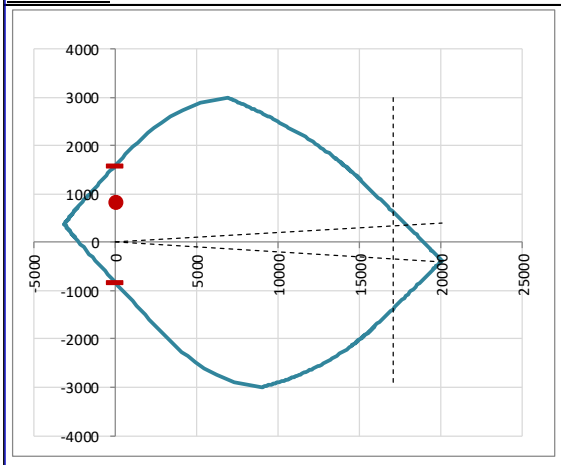
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLU101	56	0,0	849,7	20048,32	*-3116,32*	1587,54	*-822,88*	54%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,30	%
d=	817,00	mm
x=	108,09	mm
x/d=	0,13	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLU101	56	0,0	849,7

12.1.7.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR14	56	0,0	545,1		0,175	*0,200*	454,23	-

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	56	0,0	222,3		-1,88	57,47	-19,53	*Sezione parzializzata*
Cartteristica	CAR14	56	0,0	545,1		-4,62	140,95	-47,89	*Sezione parzializzata*

12.2. Scatolare sotto linea storica

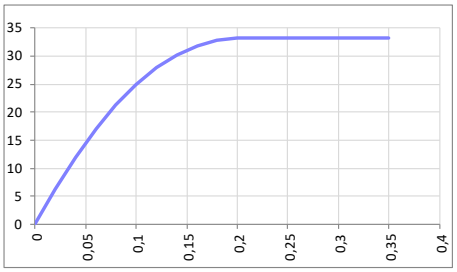
12.2.1. Soletta inferiore – sezione di incastro

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

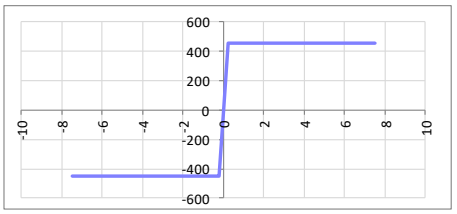
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



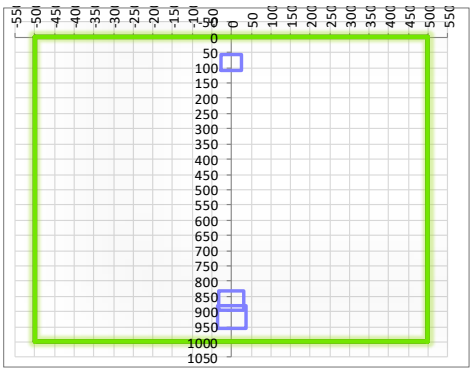
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,92		
n,lungo termine=	10,89	=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=	1000	mm



Armature:

Pos.	*n° barre*	*ø mm*	*yi mm*	*As mm²*
1	5	26	83	*2654,6458*
2	10	26	917	*5309,2916*
3	8	26	865	*3981,9687*
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	20	60	*1570,7963*
inferiore	5	20	940	*1570,7963*

12.2.1.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

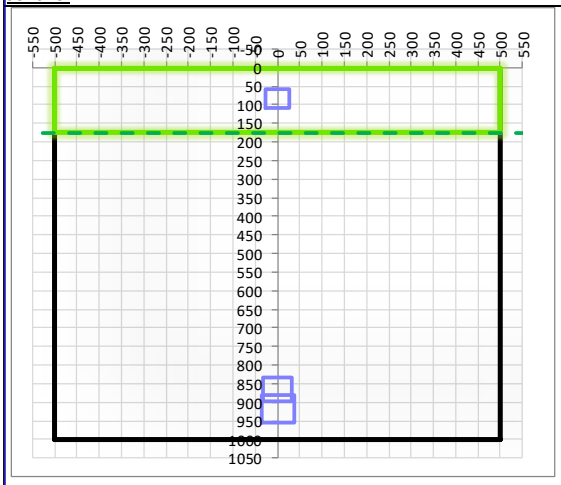
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

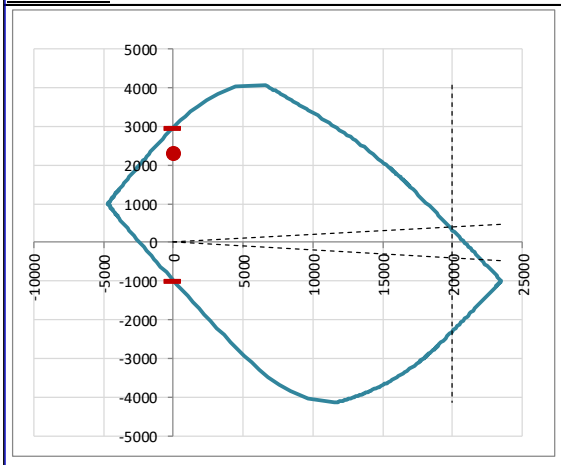
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV35	2	0,0	2329,1	23487,82	-4674,48	2978,66	-983,40	78%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,49	%
d=	917,00	mm
x=	174,69	mm
x/d=	0,19	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV35	2	0,0	2329,1

12.2.1.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	1000	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	26	83	2655
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	2655	mm2		
Posizione della barra equivalente	c*	83	mm		

SOLLECITAZIONI			
Load Case		SLU122	
Frame		33	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	889,05	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO				
Altezza utile della sezione	d	917	mm	
Coefficiente	k	1,47		
Rapporto di armatura longitudinale	ρl	0,29%		
Tensione assiale media	σ_{cp}	0,00	N/mm2	
	0.2 x f_{cd}	3,76	N/mm2	
	v_{min}	0,36	N/mm2	
Resistenza al taglio minima	$V_{rd,min}$	328,59	kN	
Resistenza al taglio senza armatura	**V_{rd}**	**343,22**	**kN**	
Verifica		2,59	***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	40	°
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}	18,81333333	N/mm2	
Area armatura a taglio	A_{st}	512,61	mm2	
	σ_{cp}/f_{cd}	0		
Coefficiente di interazione	α_{cw}	1		
Resistenza a tagio per rottura delle armature	**V_{rds}**	**986,45**	**kN**	
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3822,69**	**kN**	
Resistenza al taglio	**V_{rd}**	**986,45**	**kN**	
Verifica		0,90	***Verifica soddisfatta***	

12.2.1.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		***w_d [mm]***	***w_{lim} [mm]***	***M0 - Mf [kNm]***	
Cartteristica	CAR63	3	0,0	1008,6		0,185	*0,200*	612,22	-

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	2	0,0	481,0		-2,94	68,94	-33,84	*Sezione parzializzata*
Cartteristica	CAR63	2	0,0	1129,1		-6,90	161,84	-79,43	*Sezione parzializzata*

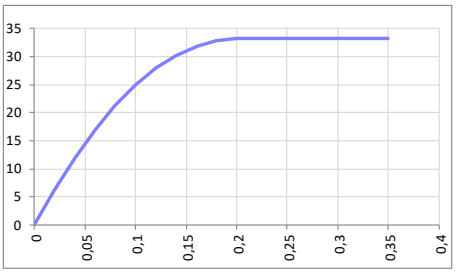
12.2.2. Soletta inferiore – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

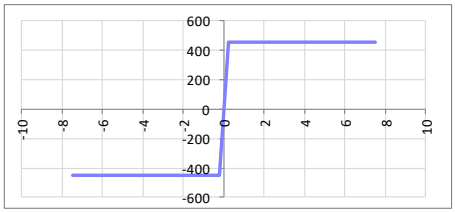
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,92		
n,lungo termine=	10,89	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

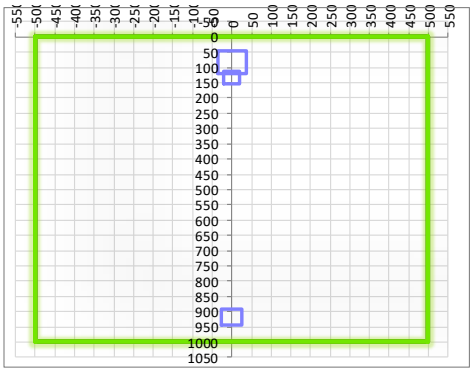
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	1000	mm

Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	10	26	83	*5309,2916*
2	5	26	917	*2654,6458*
3	5	20	132	*1570,7963*
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	20	60	*1570,7963*
inferiore	5	20	940	*1570,7963*

12.2.2.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

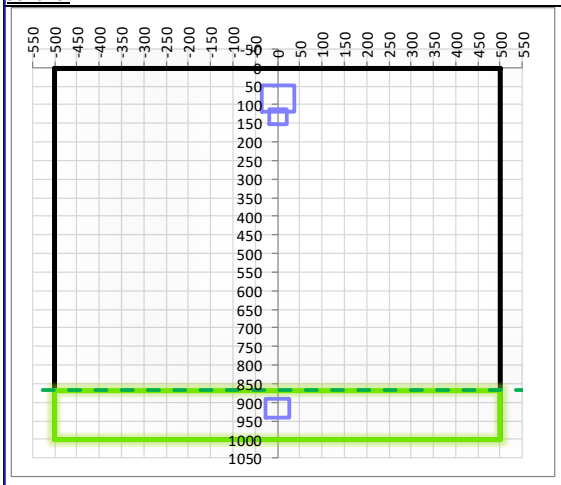
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

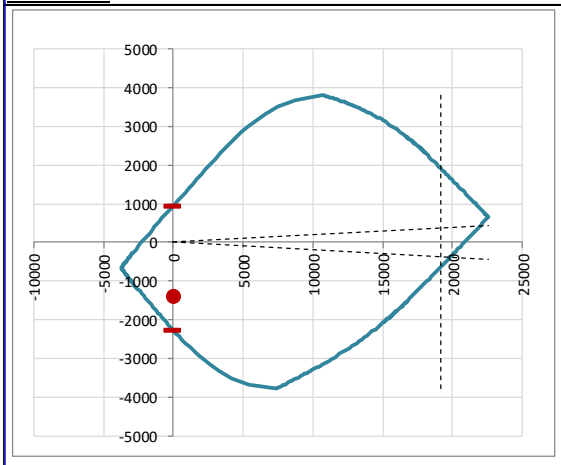
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV55	29	0,0	-1383,2	22544,32	*-3730,98*	955,07	*-2271,79*	61%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,09	%
d=	917,00	mm
x=	131,67	mm
x/d=	0,14	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	29	0,0	-1383,2

12.2.2.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR125	23	0,0	-829,8		0,196	*0,200*	-527,94	-

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	17	0,0	-336,8		-2,21	62,08	-24,59	*Sezione parzializzata*
Cartteristica	CAR125	23	0,0	-829,8		-5,45	152,93	-60,57	*Sezione parzializzata*

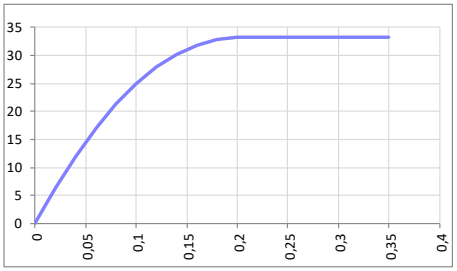
12.2.3. Piedritto – sezione di incastro inferiore

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

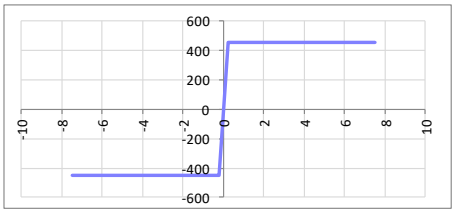
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm^2
f_{ck}	33,20	N/mm^2
f_{cm}	41,20	N/mm^2
f_{ctm}	3,10	N/mm^2
$f_{ctk,0.05}$	2,17	N/mm^2
$f_{ctk,0.95}$	4,03	N/mm^2
f_{cfm}	3,72	N/mm^2
E_{cm}	33642,78	N/mm^2
ε_{c2}	0,200	%
ε_{c3}	0,175	%
ε_{c4}	0,070	%
ε_{cu}	0,350	%
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia 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	%



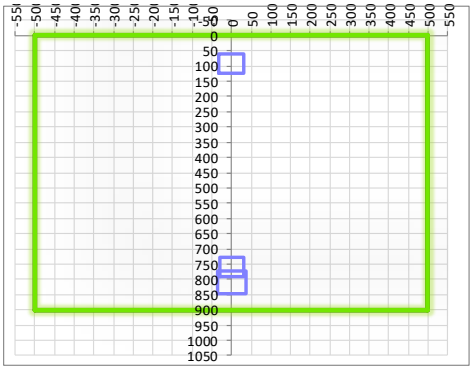
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	8	26	91	*3981,9687*
2	10	26	809	*5309,2916*
3	10	22	759	*3801,3271*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.2.3.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

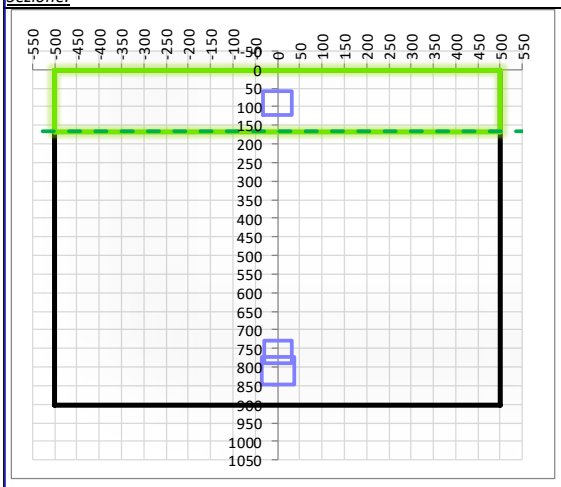
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

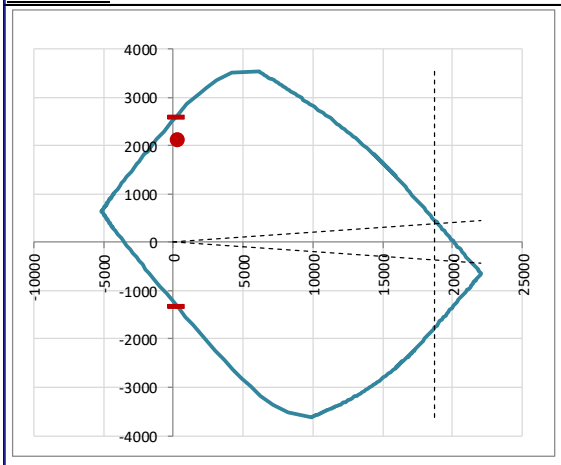
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV35	38	212,3	2138,5	22055,19	*-5123,19*	2617,32	*-1303,97*	82%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,36	%
d=	809,00	mm
x=	165,59	mm
x/d=	0,20	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV35	38	212,3	2138,5

12.2.3.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		8	26	91	3982
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	3982	mm2		
Posizione della barra equivalente	c*	91	mm		

SOLLECITAZIONI			
Load Case		SLV35	
Frame		40	
Azione assiale (+ di compressione)	N_{Ed}	206,42	kN
Taglio	V_{Ed}	926,93	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO				
Altezza utile della sezione	d	809	mm	
Coefficiente	k	1,50		
Rapporto di armatura longitudinale	ρl	0,49%		
Tensione assiale media	σ_{cp}	0,23	N/mm2	
	0.2 x f_{cd}	3,76	N/mm2	
	v_{min}	0,37	N/mm2	
Resistenza al taglio minima	$V_{rd,min}$	326,72	kN	
Resistenza al taglio senza armatura	**V_{rd}**	**396,68**	**kN**	
Verifica		2,34	***E' necessario prevedere armatura a taglio***	

ARMATURA A TAGLIO			
Diametro staffe	ϕ	14	mm
Numero braccia	n	5	
Passo staffe	s	200	mm
Inclinazione staffe (rispetto all'orizzontale)	α	90	°
Inclinazione del puntone in calcestruzzo	θ	45	°
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	23,43	°

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO				
Coefficiente di riduzione per fessurazione	ν_1	0,5		
Resistenza cilindrica di progetto	f_{cd}	18,81333333	N/mm2	
Area armatura a taglio	A_{st}	769,69	mm2	
	σ_{cp}/f_{cd}	0,012191117		
Coefficiente di interazione	α_{cw}	1,012191117		
Resistenza a tagio per rottura delle armature	**V_{rds}**	**1096,46**	**kN**	
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3466,25**	**kN**	
Resistenza al taglio	**V_{rd}**	**1096,46**	**kN**	
Verifica		0,85	***Verifica soddisfatta***	

12.2.3.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR63	40	528,6	997,0		0,188	*0,200*	599,39	-

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	388,5	481,1		-3,81	61,31	-43,87	*Sezione parzializzata*
Cartteristica	CAR63	38	534,2	1120,3		-8,58	160,39	-96,16	*Sezione parzializzata*

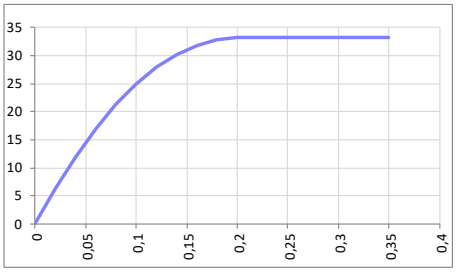
12.2.4. Piedritto – sezione di incastro superiore

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

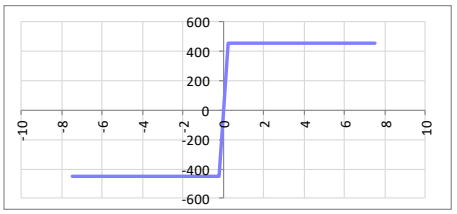
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm^2
f_{ck}	33,20	N/mm^2
f_{cm}	41,20	N/mm^2
f_{ctm}	3,10	N/mm^2
$f_{ctk,0.05}$	2,17	N/mm^2
$f_{ctk,0.95}$	4,03	N/mm^2
f_{cfm}	3,72	N/mm^2
E_{cm}	33642,78	N/mm^2
ε_{c2}	0,200	‰
ε_{c3}	0,175	‰
ε_{c4}	0,070	‰
ε_{cu}	0,350	‰
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia 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	‰



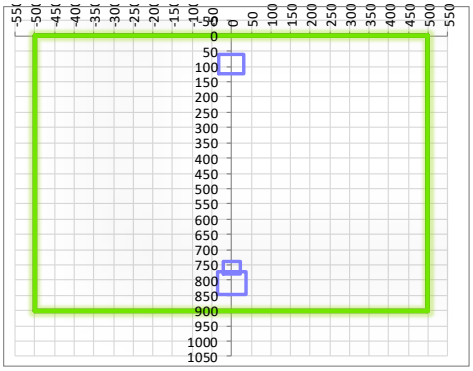
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	8	26	91	*3981,9687*
2	10	26	809	*5309,2916*
3	5	22	759	*1900,6636*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.2.4.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

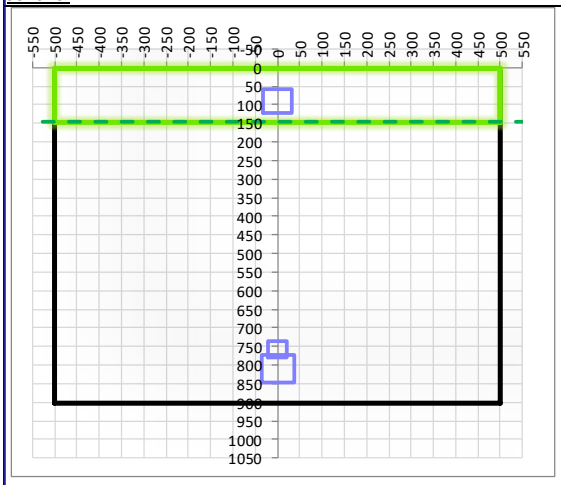
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

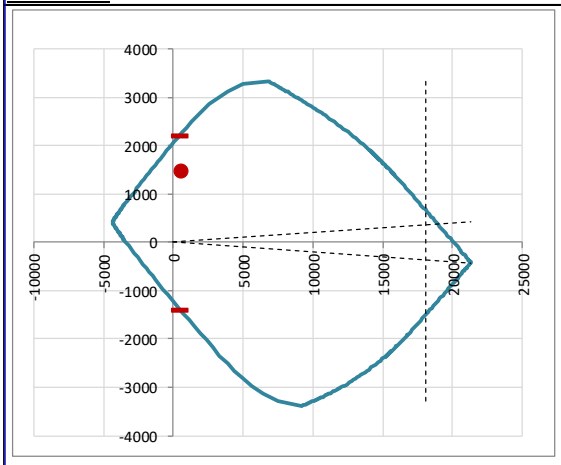
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV55	49	480,6	1495,4	21311,45	*-4379,45*	2227,83	*-1384,52*	67%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,58	%
d=	809,00	mm
x=	147,05	mm
x/d=	0,18	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	49	480,6	1495,4

12.2.4.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		***w_d* [mm]**	***w_{lim}* [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR125	47	507,4	816,0		0,177	*0,200*	570,64	-

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	49	179,9	286,0		-2,34	46,78	-25,84	*Sezione parzializzata*
Cartteristica	CAR125	49	502,3	874,4		-7,11	145,92	-78,19	*Sezione parzializzata*

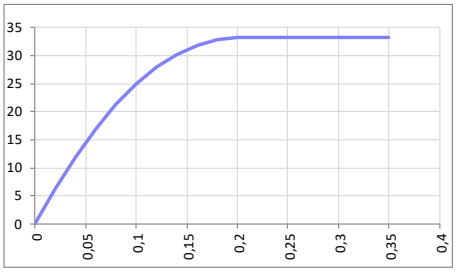
12.2.5. Piedritto – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

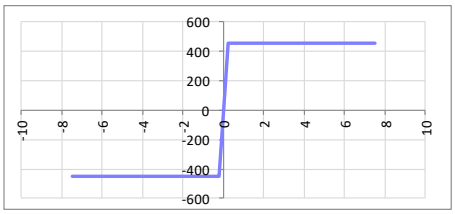
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	‰



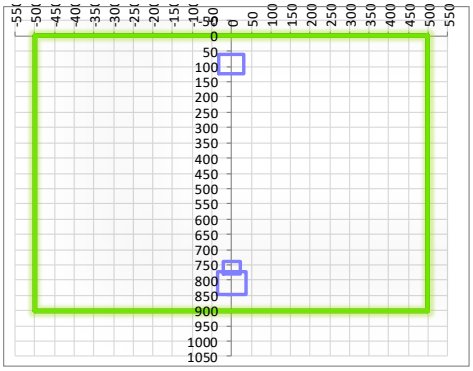
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	8	26	91	*4247,4333*
2	10	26	809	*5309,2916*
3	5	22	759	*1900,6636*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.2.5.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

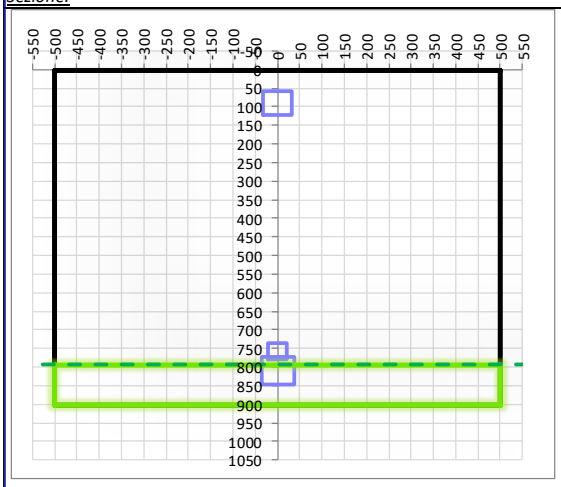
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

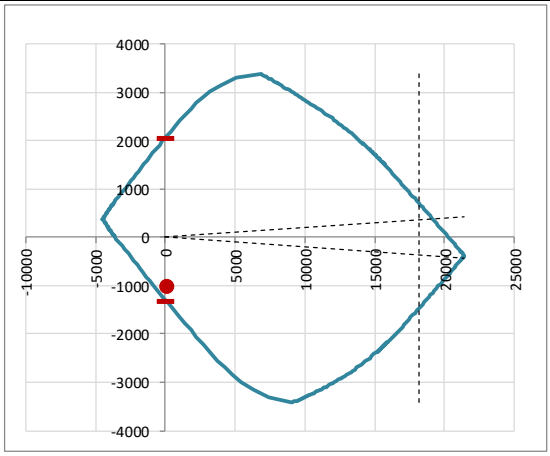
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV25	44	24,9	-1008,5	21415,33	*-4483,33*	2070,75	*-1300,15*	78%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,33	%
d=	809,00	mm
x=	105,77	mm
x/d=	0,13	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV25	44	24,9	-1008,5

12.2.5.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR63	44	404,9	-247,2		**Msd<Mf**	*0,200*	-554,47	-

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	QP1	42	284,0	-220,6		-1,92	41,46	-20,87	*Sezione parzializzata*
Cartteristica	CAR63	44	404,9	-247,2		-2,16	38,28	-24,41	*Sezione parzializzata*

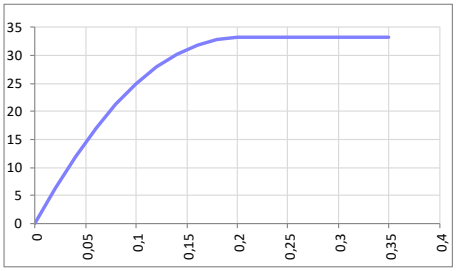
12.2.6. Soletta superiore – sezione di incastro

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

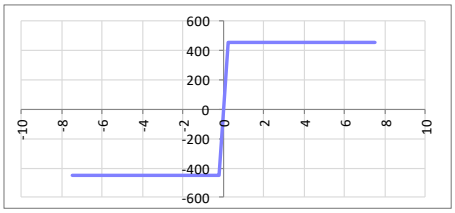
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	%



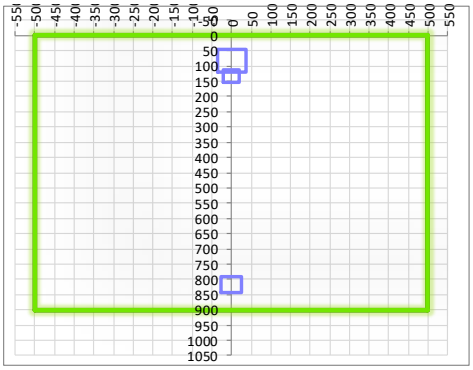
Coefficiente di omogenizzazione:

n,breve termine	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=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=	900	mm



Armature:

Pos.	*n° barre*	*ø mm*	*yi mm*	*As mm²*
1	10	26	83	*5309,2916*
2	5	26	817	*2654,6458*
3	5	20	132	*1570,7963*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.2.6.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

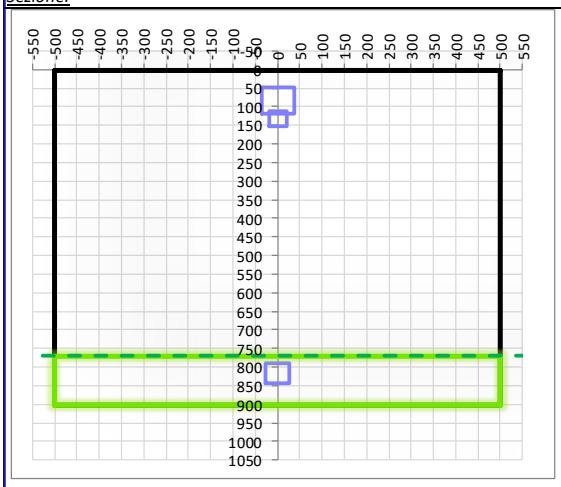
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

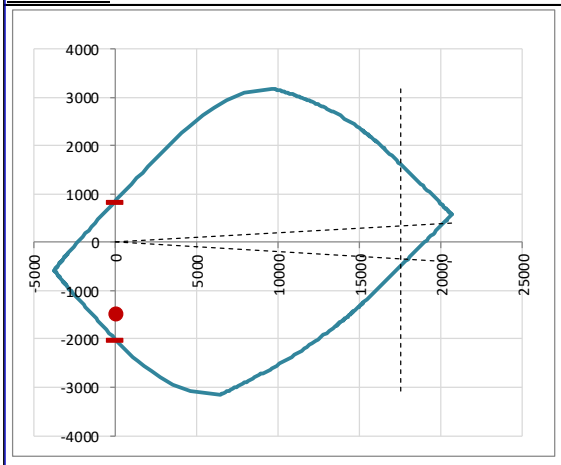
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLV55	59	0,0	-1481,3	20662,98	*-3730,98*	851,19	*-2002,57*	74%

Sezione:



Fibre compresse		*Inferiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-1,82	%
d=	817,00	mm
x=	131,67	mm
x/d=	0,16	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLV55	59	0,0	-1481,3

12.2.6.2. Verifiche allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	26	83	2655
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	2655	mm2		
Posizione della barra equivalente	c*	83	mm		

SOLLECITAZIONI			
Load Case		SLU23	
Frame		58	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	649,5	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	817	mm
Coefficiente	k	1,49	
Rapporto di armatura longitudinale	ρl	0,32%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	3,76	N/mm2
	ν_{min}	0,37	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	301,11	kN
Resistenza al taglio senza armatura	**V_{rd}**	**323,81**	**kN**
Verifica		2,01	***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}	18,81333333	N/mm2
Area armatura a taglio	A_{st}	512,61	mm2
	σ_{cp}/f_{cd}	0	
Coefficiente di interazione	α_{cw}	1	
Resistenza a tagio per rottura delle armature	**V_{rds}**	**737,46**	**kN**
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**3458,36**	**kN**
Resistenza al taglio	**V_{rd}**	**737,46**	**kN**
Verifica		0,88	***Verifica soddisfatta***

12.2.6.3. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR125	58	0,0	-718,9		0,192	*0,200*	-431,62	-

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	QP3	59	0,0	-284,8		-2,26	59,56	-24,47	*Sezione parzializzata*
Cartteristica	CAR125	59	0,0	-823,8		-6,55	172,27	-70,77	*Sezione parzializzata*

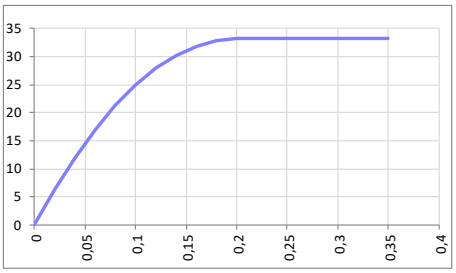
12.2.7. Soletta superiore – sezione di mezzeria

SEZIONE RETTANGOLARE

CARATTERISTICHE MATERIALI

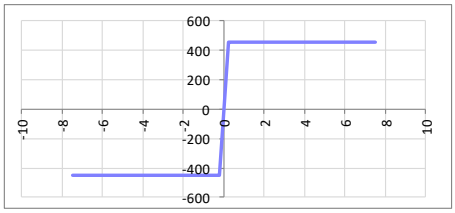
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

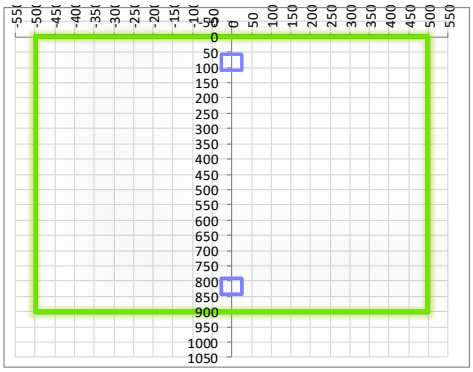
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	900	mm

Armature:

Pos.	***n° barre***	***ø mm***	***yi mm***	***As mm²***
1	5	26	83	*2654,6458*
2	5	26	817	*2654,6458*
3	5	26	817	*2654,6458*
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	20	60	*1570,7963*
inferiore	5	20	840	*1570,7963*

12.2.7.1. Verifiche allo stato limite ultimo per flessione

VERIFICA ALLO STATO LIMITE ULTIMO

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

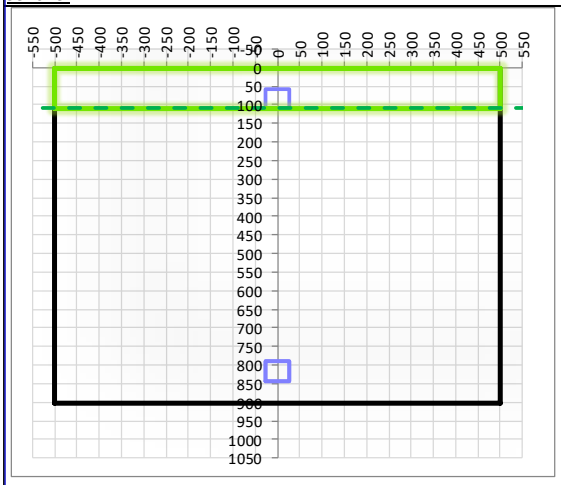
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

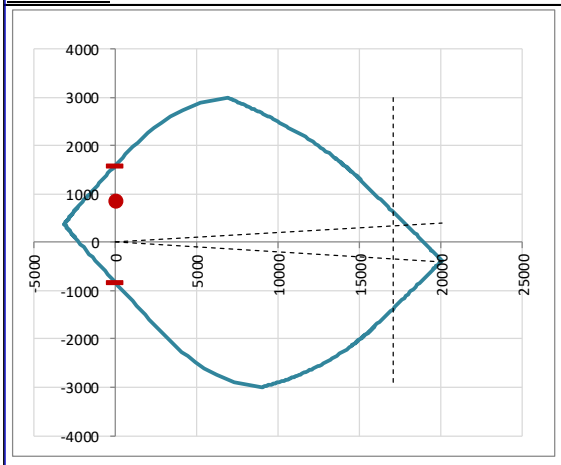
Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*	*NRd+ [kN]*	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
SLU101	56	0,0	874,4	20048,32	*-3116,32*	1587,54	*-822,88*	55%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,30	%
d=	817,00	mm
x=	108,09	mm
x/d=	0,13	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
SLU101	56	0,0	874,4

12.2.7.2. 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:	2	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica	CAR14	56	0,0	564,8		0,185	*0,200*	454,23	-

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	56	0,0	150,0		-1,27	38,78	-13,18	*Sezione parzializzata*
Cartteristica	CAR14	56	0,0	564,8		-4,78	146,04	-49,62	*Sezione parzializzata*

12.3. Cordoli laterali

12.3.1. Calcolo delle sollecitazioni

In accordo con quanto previsto dalle NTC 2008 par. 5.2.2.1.1, per quanto riguarda i ponti ferroviari è necessario prevedere le azioni associate all'introduzione di barriere antirumore; pertanto, si verifica che il cordolo previsto sul lato Sud della soletta superiore, di larghezza pari a 90cm e altezza 28cm, sia in grado di resistere alle sollecitazioni derivanti dalle barriere antirumore su di esso previste, la cui altezza è pari a 6.75m.

Su tali elementi agiscono sia gli effetti aerodinamici associati al passaggio dei convogli ferroviari, definiti al punto 5.2.2.7, sia l'azione del vento, definita al punto 5.2.2.5.1.

Per quanto riguarda le azioni aerodinamiche, in riferimento al caso di superfici verticali parallele al binario, per una distanza a_g = 4.30 m ed una velocità di progetto v = 300 km/h, si ottiene un valore caratteristico dell'azione pari a:

q_k = **0.65 kPa**

A favore di sicurezza, non vengono applicati i coefficienti riduttivi dipendenti dalla sagoma del treno.

Per quanto riguarda l'azione del vento, in riferimento al paragrafo 3.3 delle NTC, per una Zona 1, categoria di esposizione del sito IV e coefficiente di rugosità B, si ottiene:

$v_b = v_{b,0}$ = 25 m/s (a_s = 116.40m < a_0 = 1000 m per la Zona 1)

$q_b = ½ \rho v_b^2$ = 0.5 × 1.25 kg/m^3 × 25^2 m^2/s^2= 390.62 N/m^2

c_e (z_{min}= 8m) = 1.634 (k_r = 0.22; c_t = 1; z = 6.75m < z_{min} = 8m)

c_p = 0.8

c_d = 1.0

p_{vento} = 390.62 × 1.634 × 0.80 × 1.00 = 510.62 N/m^2 = **0.51 kPa**

Per quanto riguarda gli SLU, le azioni vengono combinate come indicato al punto 5.2.3.3.1, mentre per quanto riguarda gli SLE le azioni vengono combinate come indicato al punto 5.2.3.3.2 delle NTC.

In considerazione del valore delle due azioni agenti e dei rispettivi coefficienti di sicurezza e di combinazione, la combinazione più sfavorevole agli SLU di tipo A1-STR risulta:

$q = 1.50 \times p_{vento} + 1.50 \times 0.80 \times q_{k,aero}$ = 1.545 kPa

Considerando un'altezza di barriera di 6.75m, le azioni alla base del cordolo sono quindi pari a:

M_{Ed} = 1.545 × (6.75 + 0.28)^2 / 2 = 38.18 kNm/m

V_{Ed} = 1.545 × (6.75 + 0.28) = 10.86 kN/m

Per quanto riguarda gli SLE, la combinazione rara più sfavorevole risulta la seguente:

$q = p_{vento} + 0.80 \times q_{k,aero}$ = 1.03 kPa

Considerando un'altezza di barriera di 6.75m, le azioni sul cordolo sono quindi pari a:

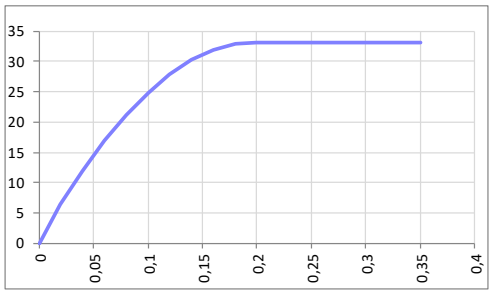
M = 1.03 × (6.75 + 0.28)^2 / 2 = 25.45 kNm/m

Caratteristiche geometriche della sezione

CARATTERISTICHE MATERIALI

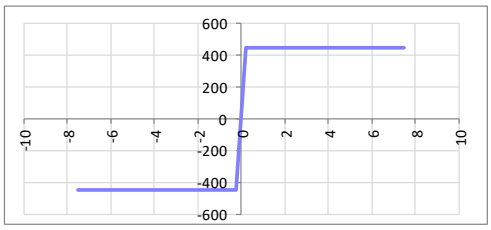
Calcestruzzo:

Classe	C32/40	
R_{ck}	40,00	N/mm²
f_{ck}	33,20	N/mm²
f_{cm}	41,20	N/mm²
f_{ctm}	3,10	N/mm²
$f_{ctk,0.05}$	2,17	N/mm²
$f_{ctk,0.95}$	4,03	N/mm²
f_{cfm}	3,72	N/mm²
E_{cm}	33642,78	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	5,66	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,93		
n,lungo termine=	10,94	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

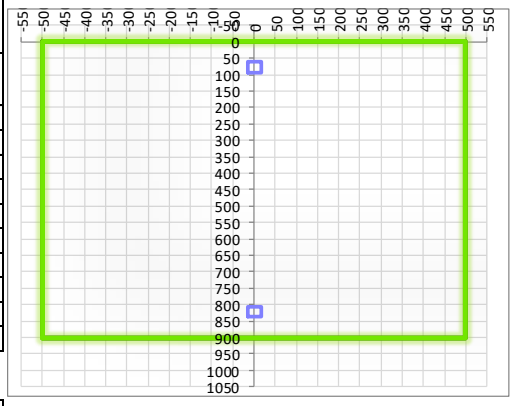
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	900	mm

Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	5	16	78	*1005,3096*
2	5	16	822	*1005,3096*
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	10	65	*392,69908*
inferiore	5	10	835	*392,69908*

12.3.2. Verifica allo stato limite ultimo per flessione

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	22,13	N/mm^2	
$f_{ct,eff}$=	2,58	N/mm^2	=f_{ctm} / 1,2

Acciaio

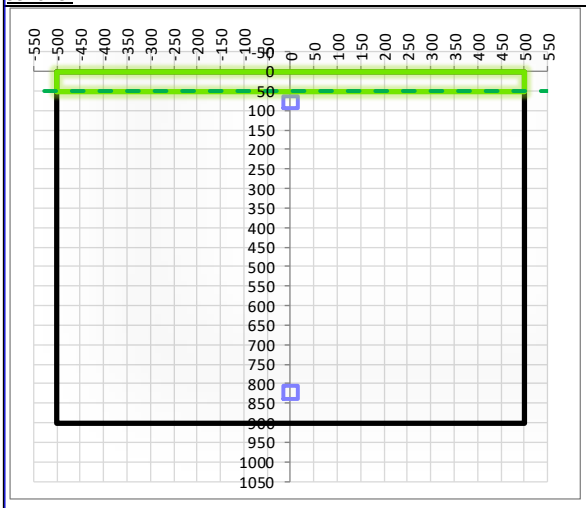
γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

Combinazione	*frame/nodo*	*NSd [kN]*	*MSd [kNm]*
		0,0	38,2

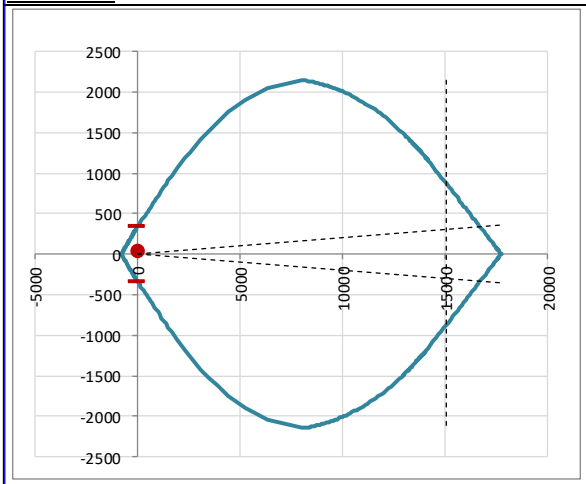
NRd+ [kN]	*NRd- [kN]*	*MRd+ [kNm]*	*MRd- [kNm]*	*MSd/MRd*
17718,76	*-786,76*	336,62	*-336,62*	11%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	18,81	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-5,32	%
d=	822,00	mm
x=	50,70	mm
x/d=	0,06	

Dominio M-N



Combinazione	*fram/nodo*	*NSd [kN]*	*MSd [kNm]*
0,0	0	0,0	38,2

12.3.3. Verifica allo stato limite ultimo per taglio

CALCESTRUZZO			
Calsse calcestruzzo		C32/40	
Resistenza cubica caratteristica	Rck	40,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	33,2	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	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	16	78	1005
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	1005	mm2		
Posizione della barra equivalente	c*	78	mm		

SOLLECITAZIONI			
Load Case			
Frame			
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	10,86	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	822	mm
Coefficiente	k	1,49	
Rapporto di armatura longitudinale	ρl	0,12%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	3,76	N/mm2
	ν_{min}	0,37	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	302,49	kN
Resistenza al taglio senza armatura	**V_{rd}**	**302,49**	**kN**
Verifica		0,04	***Verifica soddisfatta***

12.3.4. 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:	3	*1- Ordinarie; 2- Aggressive; 3- Molto aggressive*
	Molto aggressive	
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	*13,28*	*337,50*
Caratteristica	0,55	0,75	*18,26*	*337,50*

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

Fessurazione

Combinazione	***n. combinazione***	***frame/nodo***	***N [kN]***	***M [kNm]***		**w_d [mm]**	**w_{lim} [mm]**	***M0 - Mf [kNm]***	
Cartteristica			0,0	25,5		**Msd<Mf**	*0,200*	372,58	-

Tensioni in esercizio

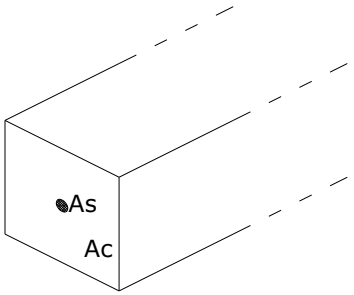
Combinazione	***n. combinazione***	***nodo***	***N [kN]***	***M [kNm]***		**$\sigma_{c,min}$ [N/mm^2]**	**$\sigma_{s,max}$ [N/mm^2]**	**$\sigma_{s,min}$ [N/mm^2]**	
Quasi permanente			0,0	25,5		-0,44	32,73	-2,84	*Sezione parzializzata*
Cartteristica			0,0	25,5		-0,44	32,73	-2,84	*Sezione parzializzata*

13. VERIFICA EFFETTI LONGITUDINALI DA RITIRO

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

13.1. Coazioni interne dovute ai fenomeni di ritiro

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



Si assumono le seguenti ipotesi:

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

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

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

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

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

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

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

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

13.2. Calcolo delle sollecitazioni longitudinali dovute ai fenomeni di ritiro

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria, assumendo la dimensione convenzionale h_0 pari a 2 × A/u = 2 × H = 180 cm, ed un calcestruzzo C32/40 classe N.

Caratteristiche della sezione:

B = 100 cm

H = 90 cm

$A_{s,long}$ = 1+1ø20/20 = 3142 mm^2

E_s = 210 000 N/mm^2

E_c = 33643 N/mm^2

Deformazione da ritiro:

U.R. = 75%

$\varepsilon_{ca}(t=\infty) = 2.5\times (f_{ck} -10)\times 10^{-6} = 2.5 \times (0.83 \times 45 -10) \times 10^{-6} = 0.068$ ‰

$\varepsilon_{cd}(t=\infty) = k_h \times \varepsilon_{cd,0} = 0.7 \times 0.30$ ‰ = 0.21 ‰ (per h_0>500mm, calcestruzzo C32/40 classe N, U.R.=75%)

$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.278$ ‰

A favore di sicurezza, si assume comunque una deformazione ε_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:

$E^*_c = E_c / (1+\phi) = 9612$ N/mm^2.

Tensioni nei materiali:

$\sigma_s = (1000 \times 900) \times 9612 \times 210000 \times 0.00040 / (3142 \times 210000 + 1000 \times 900 \times 9612) = 78.05$ N/mm^2

$\sigma_c = -3142 \times 9612 \times 210000\times 0.00040 / (3142 \times 210000 + 1000 \times 900 \times 9612) = -0.27$ 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.

14. VERIFICHE DI DEFORMAZIONE E VIBRAZIONE

14.1. 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.

14.1.1. Scatolare sotto linea AV/AC

Nodo 51:

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

  $\theta_{acc,cen} = 3.2 \times 10^{-4}$ rad
- *Rotazione prodotta dalla variazione termica lineare lungo l'altezza dell'impalcato*

  $\theta_{\Delta t} = \pm 1.0 \times 10^{-4}$ 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:

  $\theta_{tot} = \theta_{acc,cen} + \theta_{\Delta t} = 4.2 \times 10^{-4}$ rad << $\theta_{amm} = 3.5 \times 10^{-3}$ rad
- *Spostamento orizzontale del piano di posa del ballast*

  $\delta = \theta_{tot} \times H = 4.2 \times 10^{-4} \times (900/2 + 400) = 0.357$ mm (< 8.0 mm)

14.1.2. Scatolare sotto linea storica

Nodo 51:

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

  $\theta_{acc,cen} = 4.2 \times 10^{-4}$ rad
- *Rotazione prodotta dalla variazione termica lineare lungo l'altezza dell'impalcato*

  $\theta_{\Delta t} = \pm 10.0 \times 10^{-5}$ 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:

  $\theta_{tot} = \theta_{acc,cen} + \theta_{\Delta t} = 5.2 \times 10^{-4}$ rad << $\theta_{amm} = 3.5 \times 10^{-3}$ rad
- *Spostamento orizzontale del piano di posa del ballast*

  $\delta = \theta_{tot} \times H = 5.2 \times 10^{-4} \times (900/2 + 400) = 0.442$ mm (< 8.0 mm)

14.2. 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.

14.2.1. Scatolare sotto linea AV/AC

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

δ lim = $\alpha \times 1/2400 \times L = 1.5 \times 1/2400 \times 8900 = 5.56$ mm

– *Freccia massima dell'impalcato prodotta dal treno LM71*

δ_{max} = 0.90 mm (traslazione verticale nodi 55 e 56) < δ_{lim} = 5.56 mm.

14.2.2. Scatolare sotto linea storica

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

$\delta_{lim} = \alpha \times 1/2400 \times L = 1.5 \times 1/2400 \times 8900 = 5.56$ mm

– *Freccia massima dell'impalcato prodotta dal treno LM71*

δ_{max} = 1.10 mm (traslazione verticale nodi 55 e 56) < δ_{lim} = 5.56 mm.

15. RIFERIMENTI

15.1. Documenti referenziati

Rif. [1] Cepav due, documento n° IN0R 11 E E2 RB IN77 00 001, intitolato “RELAZIONE GEOTECNICA IN77 - Ponte scatolare Canale di Sommacampagna - pk 148+839.037”.

15.2. Documenti correlati

Non sono presenti documenti correlati.

15.3. Documenti superati

Non sono presenti documenti superati.

16. ALLEGATI

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

All. [2] Documento intitolato “Tabulati di calcolo – Scatolare sotto linea storica”

ALLEGATO 1

TITOLO	Tabulati di calcolo – Scatolare sotto linea AV/AC
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	168
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
LM71SX	Load pattern	LM71SX	1
LM71DX	Load pattern	LM71DX	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	0,225	0,1125	0	0
2	2	3	No	0,225	0,3375	0	0
3	3	4	No	0,25806	0,57903	0	0
4	4	5	No	0,25806	0,8371	0	0
5	5	6	No	0,25806	1,09516	0	0
6	6	7	No	0,25806	1,35323	0	0
7	7	8	No	0,25806	1,61129	0	0
8	8	9	No	0,25806	1,86935	0	0
9	9	10	No	0,25806	2,12742	0	0
10	10	11	No	0,25806	2,38548	0	0
11	11	12	No	0,25806	2,64355	0	0
12	12	13	No	0,25806	2,90161	0	0
13	13	14	No	0,25806	3,15968	0	0
14	14	15	No	0,25806	3,41774	0	0
15	15	16	No	0,25806	3,67581	0	0
16	16	17	No	0,25806	3,93387	0	0
17	17	18	No	0,25806	4,19194	0	0
18	18	19	No	0,25806	4,45	0	0
19	19	20	No	0,25806	4,70806	0	0
20	20	21	No	0,25806	4,96613	0	0
21	21	22	No	0,25806	5,22419	0	0
22	22	23	No	0,25806	5,48226	0	0
23	23	24	No	0,25806	5,74032	0	0
24	24	25	No	0,25806	5,99839	0	0
25	25	26	No	0,25806	6,25645	0	0
26	26	27	No	0,25806	6,51452	0	0
27	27	28	No	0,25806	6,77258	0	0
28	28	29	No	0,25806	7,03065	0	0
29	29	30	No	0,25806	7,28871	0	0
30	30	31	No	0,25806	7,54677	0	0
31	31	32	No	0,25806	7,80484	0	0
32	32	33	No	0,25806	8,0629	0	0
33	33	34	No	0,25806	8,32097	0	0

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
34	34	35	No	0,225	8,5625	0	0
35	35	36	No	0,225	8,7875	0	0
36	1	37	No	0,25	0	0	0,125
37	36	38	No	0,25	8,9	0	0,125
38	37	39	No	0,25	0	0	0,375
39	38	40	No	0,25	8,9	0	0,375
40	39	41	No	2,2	0	0	1,6
41	40	42	No	2,2	8,9	0	1,6
42	41	43	No	2,2	0	0	3,8
43	42	44	No	2,2	8,9	0	3,8
44	43	45	No	2,2	0	0	6
45	44	46	No	2,2	8,9	0	6
46	45	47	No	2,2	0	0	8,2
47	46	48	No	2,2	8,9	0	8,2
48	47	49	No	0,225	0	0	9,4125
49	48	50	No	0,225	8,9	0	9,4125
50	49	51	No	0,225	0	0	9,6375
51	50	60	No	0,225	8,9	0	9,6375
52	51	52	No	0,225	0,1125	0	9,75
53	52	53	No	0,225	0,3375	0	9,75
54	53	54	No	0,8	0,85	0	9,75
55	54	55	No	1,25	1,875	0	9,75
56	55	56	No	3,9	4,45	0	9,75
57	56	57	No	1,25	7,025	0	9,75
58	57	58	No	0,8	8,05	0	9,75
59	58	59	No	0,225	8,5625	0	9,75
60	59	60	No	0,225	8,7875	0	9,75

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
1	b52af612-f62c-4ce1-9aeb-540724ca7fc5
2	209d1b72-34b5-4fbc-904a-c77cca56503a
3	f0be8e5f-d1e1-488f-829b-c6ee971741a6
4	1ce87c6d-8dfc-46d4-bc43-88fb32172844
5	a07011f5-5daf-4dce-8586-da02098eeb53
6	de4a6414-06d9-4fa1-a84b-1e7ed4014175
7	bd537480-ebb0-4e96-990f-0bbcafbe6265
8	47ad33cb-3913-49d3-a63f-95067714d37d
9	32cc3eb3-1b5a-4076-b7a4-3136eba72c1f
10	abe049f8-76de-4e71-8090-f442e8e9bbc9
11	d43aad50-f1f2-4fa0-949b-2129342de9d6
12	ae9dd2c7-f1d7-4fa4-ac22-bd38ba2eba2f
13	736c4704-8bfa-4dbb-a414-334972f189fe
14	aac90573-ed2e-4ad8-abad-6d0282e3688c
15	9a05c466-0f2f-48d0-bd31-b058d55a0f9f
16	2b4905b4-0cd1-41a1-a0c1-471f2133415f
17	fe7a6f83-dae7-44f7-9ce4-6aebe3c65bb9
18	2fb44b68-ef55-446d-bc99-191cc3729351
19	decda9f7-6534-48b7-81fb-476471a158b5
20	80365239-9f04-4739-b465-6a78874b26ae
21	fc6a5fe6-6252-4280-8ff3-d85801fa070d
22	fab2a0b9-9965-44e0-97a8-2c61f79981ac

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
23	9003a602-d350-4147-ab2e-3e3d14757938
24	102c2112-3cad-4d35-bdf5-4cace5670f57
25	616c7c08-1669-47da-a570-f03cb6e24ccc
26	8724fdaf-61cb-41ae-bdfe-ee926eb9c3c4
27	3331f529-e606-4f9e-bfae-0a9033cf0194
28	efc13d48-b355-4dfa-94bd-c39591ec05f1
29	9b3c289b-7fd3-48c2-aa8f-e440b6bc2338
30	ecb15d08-b2a0-4678-9117-9f27fb5d7966
31	c9e6f015-8f7e-439a-a56f-3636b5b0da52
32	eb9ac274-fa14-436d-87bf-284e156663b0
33	33529ca4-f7b5-446b-a0ce-d5ec0c82dc20
34	298e601e-5ba4-414e-9b00-5ac5d0b15627
35	c9bb89a6-e3ef-44b9-84cf-69b526a8e1ba
36	72a0fa4c-a5ab-43d5-ba01-8d62088a1112
37	bad0f52f-5c0d-4783-91fb-08b8b7c8524a
38	26d435f1-c3e7-4b2c-afac-09a5d36b3675
39	f284bd5f-8e64-4ab8-aac9-e4cdecdb7b4f
40	489b547c-4eac-403a-a546-6dff89508c27
41	47000605-d3f4-46e8-b466-3ba0359327dc
42	6fe52b46-eecc-4ab4-9d39-bf284864022b
43	a378bac1-4229-46e7-967a-a1d2d33ec501
44	c215f698-e9df-448c-8fb6-826b5e13764e
45	9cc53a7b-8588-4769-b785-21b7cd50f7da
46	56c488d2-35e0-4d05-8703-cfd42f26e409
47	a0b9127d-8382-4652-8cd5-56ec2b064f46
48	086859fa-f5de-47fa-846e-f496166f09ec
49	1d38e284-0f3a-470a-9fc6-d7bf02c471d8
50	5fb5a0bf-8ecb-490e-a4fb-a7ce1616cb60
51	c2589584-990e-4c58-88a4-ebb2cd2a8c7a
52	641ecad8-293d-4af4-87d0-7d226b3b7b84
53	b668d9f3-ff56-4a24-b05c-6736417bb6b4
54	c3e3196b-9df2-416c-86dd-154d2a352ded
55	9bb306c9-1f7a-46b6-9601-4991a3bfcd36
56	ba2ba33e-c4c8-497a-ac37-7fe7d4d16f52
57	82054509-2193-4197-82a8-c71a158f3ffb
58	c10d454f-945f-4e8c-9319-8279d26daf35
59	d1cda268-9a12-41a2-a900-5ec8a50ca346
60	73c77619-e50d-4559-8a05-e262a3aab24e

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	-18,799	308,046	0	0	0
1	0,225	PP	LinStatic	-18,799	313,669	0	0	0
1	0	REINTSUP	LinStatic	1,467	70,666	0	0	0
1	0,225	REINTSUP	LinStatic	1,467	70,666	0	0	0
1	0	BALLAST	LinStatic	1,294	62,352	0	0	0
1	0,225	BALLAST	LinStatic	1,294	62,352	0	0	0
1	0	STERRASX	LinStatic	-451,082	-57,929	0	0	0
1	0,225	STERRASX	LinStatic	-451,082	-57,929	0	0	0
1	0	STERRADX	LinStatic	93,993	58,33	0	0	0
1	0,225	STERRADX	LinStatic	93,993	58,33	0	0	0
1	0	TERMP	LinStatic	1,739	-0,012	0	0	0
1	0,225	TERMP	LinStatic	1,739	-0,012	0	0	0
1	0	TERMN	LinStatic	-5,217	0,036	0	0	0
1	0,225	TERMN	LinStatic	-5,217	0,036	0	0	0
1	0	GRADTP	LinStatic	-8,746	0,022	0	0	0
1	0,225	GRADTP	LinStatic	-8,746	0,022	0	0	0
1	0	GRADTN	LinStatic	8,746	-0,022	0	0	0
1	0,225	GRADTN	LinStatic	8,746	-0,022	0	0	0
1	0	LM71C	LinStatic	5,815	179,573	0	0	0
1	0,225	LM71C	LinStatic	5,815	179,573	0	0	0
1	0	LM71SX	LinStatic	4,792	199,867	0	0	0
1	0,225	LM71SX	LinStatic	4,792	199,867	0	0	0
1	0	LM71DX	LinStatic	4,792	159,285	0	0	0
1	0,225	LM71DX	LinStatic	4,792	159,285	0	0	0
1	0	STLM71	LinStatic	-67,278	-14,454	0	0	0
1	0,225	STLM71	LinStatic	-67,278	-14,454	0	0	0
1	0	AVVLM71	LinStatic	-38,994	-37,062	0	0	0
1	0,225	AVVLM71	LinStatic	-38,994	-37,062	0	0	0
1	0	SW2	LinStatic	3,771	181,644	0	0	0
1	0,225	SW2	LinStatic	3,771	181,644	0	0	0
1	0	STSW2	LinStatic	-114,64	-24,629	0	0	0
1	0,225	STSW2	LinStatic	-114,64	-24,629	0	0	0
1	0	INCRTER	LinStatic	-511,21	-109,829	0	0	0
1	0,225	INCRTER	LinStatic	-511,21	-109,829	0	0	0
1	0	LM71SISO	LinStatic	-12,709	-12,079	0	0	0
1	0,225	LM71SISO	LinStatic	-12,709	-12,079	0	0	0
1	0	SW2SISO	LinStatic	-11,104	-10,554	0	0	0
1	0,225	SW2SISO	LinStatic	-11,104	-10,554	0	0	0
1	0	SISMAO	LinStatic	-123,141	-80,194	0	0	0
1	0,225	SISMAO	LinStatic	-123,141	-80,194	0	0	0
1	0	LM71SVA	LinStatic	-0,134	-6,452	0	0	0
1	0,225	LM71SVA	LinStatic	-0,134	-6,452	0	0	0
1	0	SW2SVA	LinStatic	-0,117	-5,629	0	0	0
1	0,225	SW2SVA	LinStatic	-0,117	-5,629	0	0	0
1	0	SISMAVA	LinStatic	2,49	-68,843	0	0	0
1	0,225	SISMAVA	LinStatic	2,49	-68,843	0	0	0
1	0	LM71SVB	LinStatic	0,134	6,452	0	0	0
1	0,225	LM71SVB	LinStatic	0,134	6,452	0	0	0
1	0	SW2SVB	LinStatic	0,117	5,629	0	0	0
1	0,225	SW2SVB	LinStatic	0,117	5,629	0	0	0
1	0	SISMAVB	LinStatic	-2,49	68,843	0	0	0
1	0,225	SISMAVB	LinStatic	-2,49	68,843	0	0	0
2	0	PP	LinStatic	-18,798	291,058	0	0	0
2	0,225	PP	LinStatic	-18,798	296,681	0	0	0
2	0	REINTSUP	LinStatic	1,467	66,779	0	0	0
2	0,225	REINTSUP	LinStatic	1,467	66,779	0	0	0
2	0	BALLAST	LinStatic	1,294	58,922	0	0	0
2	0,225	BALLAST	LinStatic	1,294	58,922	0	0	0
2	0	STERRASX	LinStatic	-436,941	-23,79	0	0	0
2	0,225	STERRASX	LinStatic	-436,941	-23,79	0	0	0
2	0	STERRADX	LinStatic	79,856	24,874	0	0	0
2	0,225	STERRADX	LinStatic	79,856	24,874	0	0	0
2	0	TERMP	LinStatic	1,739	-0,032	0	0	0
2	0,225	TERMP	LinStatic	1,739	-0,032	0	0	0
2	0	TERMN	LinStatic	-5,216	0,096	0	0	0
2	0,225	TERMN	LinStatic	-5,216	0,096	0	0	0
2	0	GRADTP	LinStatic	-8,745	0,06	0	0	0
2	0,225	GRADTP	LinStatic	-8,745	0,06	0	0	0
2	0	GRADTN	LinStatic	8,745	-0,06	0	0	0
2	0,225	GRADTN	LinStatic	8,745	-0,06	0	0	0
2	0	LM71C	LinStatic	5,815	169,686	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	0,225	LM71C	LinStatic	5,815	169,686	0	0	0
2	0	LM71SX	LinStatic	4,792	186,942	0	0	0
2	0,225	LM71SX	LinStatic	4,792	186,942	0	0	0
2	0	LM71DX	LinStatic	4,792	152,443	0	0	0
2	0,225	LM71DX	LinStatic	4,792	152,443	0	0	0
2	0	STLM71	LinStatic	-64,987	-7,187	0	0	0
2	0,225	STLM71	LinStatic	-64,987	-7,187	0	0	0
2	0	AVVLM71	LinStatic	-36,971	-24,335	0	0	0
2	0,225	AVVLM71	LinStatic	-36,971	-24,335	0	0	0
2	0	SW2	LinStatic	3,771	171,652	0	0	0
2	0,225	SW2	LinStatic	3,771	171,652	0	0	0
2	0	STSW2	LinStatic	-110,737	-12,247	0	0	0
2	0,225	STSW2	LinStatic	-110,737	-12,247	0	0	0
2	0	INCRTER	LinStatic	-493,806	-54,613	0	0	0
2	0,225	INCRTER	LinStatic	-493,806	-54,613	0	0	0
2	0	LM71SISO	LinStatic	-12,05	-7,931	0	0	0
2	0,225	LM71SISO	LinStatic	-12,05	-7,931	0	0	0
2	0	SW2SISO	LinStatic	-10,528	-6,93	0	0	0
2	0,225	SW2SISO	LinStatic	-10,528	-6,93	0	0	0
2	0	SISMAO	LinStatic	-116,753	-49,649	0	0	0
2	0,225	SISMAO	LinStatic	-116,753	-49,649	0	0	0
2	0	LM71SVA	LinStatic	-0,134	-6,097	0	0	0
2	0,225	LM71SVA	LinStatic	-0,134	-6,097	0	0	0
2	0	SW2SVA	LinStatic	-0,117	-5,319	0	0	0
2	0,225	SW2SVA	LinStatic	-0,117	-5,319	0	0	0
2	0	SISMAVA	LinStatic	2,49	-65,073	0	0	0
2	0,225	SISMAVA	LinStatic	2,49	-65,073	0	0	0
2	0	LM71SVB	LinStatic	0,134	6,097	0	0	0
2	0,225	LM71SVB	LinStatic	0,134	6,097	0	0	0
2	0	SW2SVB	LinStatic	0,117	5,319	0	0	0
2	0,225	SW2SVB	LinStatic	0,117	5,319	0	0	0
2	0	SISMAVB	LinStatic	-2,49	65,073	0	0	0
2	0,225	SISMAVB	LinStatic	-2,49	65,073	0	0	0
3	0	PP	LinStatic	-18,798	272,527	0	0	0
3	0,25806	PP	LinStatic	-18,798	278,977	0	0	0
3	0	REINTSUP	LinStatic	1,467	62,637	0	0	0
3	0,25806	REINTSUP	LinStatic	1,467	62,637	0	0	0
3	0	BALLAST	LinStatic	1,294	55,268	0	0	0
3	0,25806	BALLAST	LinStatic	1,294	55,268	0	0	0
3	0	STERRASX	LinStatic	-421,761	10,747	0	0	0
3	0,25806	STERRASX	LinStatic	-421,761	10,747	0	0	0
3	0	STERRADX	LinStatic	64,682	-9,052	0	0	0
3	0,25806	STERRADX	LinStatic	64,682	-9,052	0	0	0
3	0	TERMP	LinStatic	1,739	-0,05	0	0	0
3	0,25806	TERMP	LinStatic	1,739	-0,05	0	0	0
3	0	TERMN	LinStatic	-5,216	0,151	0	0	0
3	0,25806	TERMN	LinStatic	-5,216	0,151	0	0	0
3	0	GRADTP	LinStatic	-8,745	0,093	0	0	0
3	0,25806	GRADTP	LinStatic	-8,745	0,093	0	0	0
3	0	GRADTN	LinStatic	8,745	-0,093	0	0	0
3	0,25806	GRADTN	LinStatic	8,745	-0,093	0	0	0
3	0	LM71C	LinStatic	5,815	159,153	0	0	0
3	0,25806	LM71C	LinStatic	5,815	159,153	0	0	0
3	0	LM71SX	LinStatic	4,792	173,325	0	0	0
3	0,25806	LM71SX	LinStatic	4,792	173,325	0	0	0
3	0	LM71DX	LinStatic	4,792	145,003	0	0	0
3	0,25806	LM71DX	LinStatic	4,792	145,003	0	0	0
3	0	STLM71	LinStatic	-62,529	0,168	0	0	0
3	0,25806	STLM71	LinStatic	-62,529	0,168	0	0	0
3	0	AVVLM71	LinStatic	-34,8	-11,436	0	0	0
3	0,25806	AVVLM71	LinStatic	-34,8	-11,436	0	0	0
3	0	SW2	LinStatic	3,771	161,006	0	0	0
3	0,25806	SW2	LinStatic	3,771	161,006	0	0	0
3	0	STSW2	LinStatic	-106,548	0,285	0	0	0
3	0,25806	STSW2	LinStatic	-106,548	0,285	0	0	0
3	0	INCRTER	LinStatic	-475,124	1,273	0	0	0
3	0,25806	INCRTER	LinStatic	-475,124	1,273	0	0	0
3	0	LM71SISO	LinStatic	-11,342	-3,727	0	0	0
3	0,25806	LM71SISO	LinStatic	-11,342	-3,727	0	0	0
3	0	SW2SISO	LinStatic	-9,91	-3,257	0	0	0
3	0,25806	SW2SISO	LinStatic	-9,91	-3,257	0	0	0
3	0	SISMAO	LinStatic	-109,895	-18,698	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
3	0,25806	SISMAO	LinStatic	-109,895	-18,698	0	0	0
3	0	LM71SVA	LinStatic	-0,134	-5,719	0	0	0
3	0,25806	LM71SVA	LinStatic	-0,134	-5,719	0	0	0
3	0	SW2SVA	LinStatic	-0,117	-4,989	0	0	0
3	0,25806	SW2SVA	LinStatic	-0,117	-4,989	0	0	0
3	0	SISMAVA	LinStatic	2,49	-61,054	0	0	0
3	0,25806	SISMAVA	LinStatic	2,49	-61,054	0	0	0
3	0	LM71SVB	LinStatic	0,134	5,719	0	0	0
3	0,25806	LM71SVB	LinStatic	0,134	5,719	0	0	0
3	0	SW2SVB	LinStatic	0,117	4,989	0	0	0
3	0,25806	SW2SVB	LinStatic	0,117	4,989	0	0	0
3	0	SISMAVB	LinStatic	-2,49	61,054	0	0	0
3	0,25806	SISMAVB	LinStatic	-2,49	61,054	0	0	0
4	0	PP	LinStatic	-18,798	253,317	0	0	0
4	0,25806	PP	LinStatic	-18,798	259,767	0	0	0
4	0	REINTSUP	LinStatic	1,467	58,251	0	0	0
4	0,25806	REINTSUP	LinStatic	1,467	58,251	0	0	0
4	0	BALLAST	LinStatic	1,294	51,398	0	0	0
4	0,25806	BALLAST	LinStatic	1,294	51,398	0	0	0
4	0	STERRASX	LinStatic	-405,542	45,087	0	0	0
4	0,25806	STERRASX	LinStatic	-405,542	45,087	0	0	0
4	0	STERRADX	LinStatic	48,469	-42,878	0	0	0
4	0,25806	STERRADX	LinStatic	48,469	-42,878	0	0	0
4	0	TERMP	LinStatic	1,739	-0,065	0	0	0
4	0,25806	TERMP	LinStatic	1,739	-0,065	0	0	0
4	0	TERMN	LinStatic	-5,216	0,196	0	0	0
4	0,25806	TERMN	LinStatic	-5,216	0,196	0	0	0
4	0	GRADTP	LinStatic	-8,745	0,122	0	0	0
4	0,25806	GRADTP	LinStatic	-8,745	0,122	0	0	0
4	0	GRADTN	LinStatic	8,745	-0,122	0	0	0
4	0,25806	GRADTN	LinStatic	8,745	-0,122	0	0	0
4	0	LM71C	LinStatic	5,814	147,999	0	0	0
4	0,25806	LM71C	LinStatic	5,814	147,999	0	0	0
4	0	LM71SX	LinStatic	4,792	159,091	0	0	0
4	0,25806	LM71SX	LinStatic	4,792	159,091	0	0	0
4	0	LM71DX	LinStatic	4,792	136,936	0	0	0
4	0,25806	LM71DX	LinStatic	4,792	136,936	0	0	0
4	0	STLM71	LinStatic	-59,902	7,485	0	0	0
4	0,25806	STLM71	LinStatic	-59,902	7,485	0	0	0
4	0	AVVLM71	LinStatic	-32,479	1,415	0	0	0
4	0,25806	AVVLM71	LinStatic	-32,479	1,415	0	0	0
4	0	SW2	LinStatic	3,771	149,731	0	0	0
4	0,25806	SW2	LinStatic	3,771	149,731	0	0	0
4	0	STSW2	LinStatic	-102,072	12,753	0	0	0
4	0,25806	STSW2	LinStatic	-102,072	12,753	0	0	0
4	0	INCRTER	LinStatic	-455,164	56,871	0	0	0
4	0,25806	INCRTER	LinStatic	-455,164	56,871	0	0	0
4	0	LM71SISO	LinStatic	-10,586	0,461	0	0	0
4	0,25806	LM71SISO	LinStatic	-10,586	0,461	0	0	0
4	0	SW2SISO	LinStatic	-9,249	0,403	0	0	0
4	0,25806	SW2SISO	LinStatic	-9,249	0,403	0	0	0
4	0	SISMAO	LinStatic	-102,569	12,134	0	0	0
4	0,25806	SISMAO	LinStatic	-102,569	12,134	0	0	0
4	0	LM71SVA	LinStatic	-0,134	-5,318	0	0	0
4	0,25806	LM71SVA	LinStatic	-0,134	-5,318	0	0	0
4	0	SW2SVA	LinStatic	-0,117	-4,64	0	0	0
4	0,25806	SW2SVA	LinStatic	-0,117	-4,64	0	0	0
4	0	SISMAVA	LinStatic	2,49	-56,794	0	0	0
4	0,25806	SISMAVA	LinStatic	2,49	-56,794	0	0	0
4	0	LM71SVB	LinStatic	0,134	5,318	0	0	0
4	0,25806	LM71SVB	LinStatic	0,134	5,318	0	0	0
4	0	SW2SVB	LinStatic	0,117	4,64	0	0	0
4	0,25806	SW2SVB	LinStatic	0,117	4,64	0	0	0
4	0	SISMAVB	LinStatic	-2,49	56,794	0	0	0
4	0,25806	SISMAVB	LinStatic	-2,49	56,794	0	0	0
5	0	PP	LinStatic	-18,798	234,255	0	0	0
5	0,25806	PP	LinStatic	-18,798	240,704	0	0	0
5	0	REINTSUP	LinStatic	1,467	53,902	0	0	0
5	0,25806	REINTSUP	LinStatic	1,467	53,902	0	0	0
5	0	BALLAST	LinStatic	1,294	47,561	0	0	0
5	0,25806	BALLAST	LinStatic	1,294	47,561	0	0	0
5	0	STERRASX	LinStatic	-389,324	76,893	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	0,25806	STERRASX	LinStatic	-389,324	76,893	0	0	0
5	0	STERRADX	LinStatic	32,255	-74,3	0	0	0
5	0,25806	STERRADX	LinStatic	32,255	-74,3	0	0	0
5	0	TERMP	LinStatic	1,739	-0,077	0	0	0
5	0,25806	TERMP	LinStatic	1,739	-0,077	0	0	0
5	0	TERMN	LinStatic	-5,216	0,231	0	0	0
5	0,25806	TERMN	LinStatic	-5,216	0,231	0	0	0
5	0	GRADTP	LinStatic	-8,745	0,143	0	0	0
5	0,25806	GRADTP	LinStatic	-8,745	0,143	0	0	0
5	0	GRADTN	LinStatic	8,745	-0,143	0	0	0
5	0,25806	GRADTN	LinStatic	8,745	-0,143	0	0	0
5	0	LM71C	LinStatic	5,814	136,944	0	0	0
5	0,25806	LM71C	LinStatic	5,814	136,944	0	0	0
5	0	LM71SX	LinStatic	4,792	145,171	0	0	0
5	0,25806	LM71SX	LinStatic	4,792	145,171	0	0	0
5	0	LM71DX	LinStatic	4,792	128,751	0	0	0
5	0,25806	LM71DX	LinStatic	4,792	128,751	0	0	0
5	0	STLM71	LinStatic	-57,275	14,266	0	0	0
5	0,25806	STLM71	LinStatic	-57,275	14,266	0	0	0
5	0	AVVLM71	LinStatic	-30,159	13,343	0	0	0
5	0,25806	AVVLM71	LinStatic	-30,159	13,343	0	0	0
5	0	SW2	LinStatic	3,771	138,554	0	0	0
5	0,25806	SW2	LinStatic	3,771	138,554	0	0	0
5	0	STSW2	LinStatic	-97,596	24,308	0	0	0
5	0,25806	STSW2	LinStatic	-97,596	24,308	0	0	0
5	0	INCRTER	LinStatic	-435,204	108,397	0	0	0
5	0,25806	INCRTER	LinStatic	-435,204	108,397	0	0	0
5	0	LM71SISO	LinStatic	-9,829	4,349	0	0	0
5	0,25806	LM71SISO	LinStatic	-9,829	4,349	0	0	0
5	0	SW2SISO	LinStatic	-8,588	3,8	0	0	0
5	0,25806	SW2SISO	LinStatic	-8,588	3,8	0	0	0
5	0	SISMAO	LinStatic	-95,242	40,748	0	0	0
5	0,25806	SISMAO	LinStatic	-95,242	40,748	0	0	0
5	0	LM71SVA	LinStatic	-0,134	-4,921	0	0	0
5	0,25806	LM71SVA	LinStatic	-0,134	-4,921	0	0	0
5	0	SW2SVA	LinStatic	-0,117	-4,294	0	0	0
5	0,25806	SW2SVA	LinStatic	-0,117	-4,294	0	0	0
5	0	SISMAVA	LinStatic	2,49	-52,568	0	0	0
5	0,25806	SISMAVA	LinStatic	2,49	-52,568	0	0	0
5	0	LM71SVB	LinStatic	0,134	4,921	0	0	0
5	0,25806	LM71SVB	LinStatic	0,134	4,921	0	0	0
5	0	SW2SVB	LinStatic	0,117	4,294	0	0	0
5	0,25806	SW2SVB	LinStatic	0,117	4,294	0	0	0
5	0	SISMAVB	LinStatic	-2,49	52,568	0	0	0
5	0,25806	SISMAVB	LinStatic	-2,49	52,568	0	0	0
6	0	PP	LinStatic	-18,797	215,338	0	0	0
6	0,25806	PP	LinStatic	-18,797	221,787	0	0	0
6	0	REINTSUP	LinStatic	1,467	49,592	0	0	0
6	0,25806	REINTSUP	LinStatic	1,467	49,592	0	0	0
6	0	BALLAST	LinStatic	1,294	43,757	0	0	0
6	0,25806	BALLAST	LinStatic	1,294	43,757	0	0	0
6	0	STERRASX	LinStatic	-373,107	106,194	0	0	0
6	0,25806	STERRASX	LinStatic	-373,107	106,194	0	0	0
6	0	STERRADX	LinStatic	16,042	-103,338	0	0	0
6	0,25806	STERRADX	LinStatic	16,042	-103,338	0	0	0
6	0	TERMP	LinStatic	1,739	-0,085	0	0	0
6	0,25806	TERMP	LinStatic	1,739	-0,085	0	0	0
6	0	TERMN	LinStatic	-5,216	0,254	0	0	0
6	0,25806	TERMN	LinStatic	-5,216	0,254	0	0	0
6	0	GRADTP	LinStatic	-8,745	0,157	0	0	0
6	0,25806	GRADTP	LinStatic	-8,745	0,157	0	0	0
6	0	GRADTN	LinStatic	8,745	-0,157	0	0	0
6	0,25806	GRADTN	LinStatic	8,745	-0,157	0	0	0
6	0	LM71C	LinStatic	5,814	125,986	0	0	0
6	0,25806	LM71C	LinStatic	5,814	125,986	0	0	0
6	0	LM71SX	LinStatic	4,791	131,562	0	0	0
6	0,25806	LM71SX	LinStatic	4,791	131,562	0	0	0
6	0	LM71DX	LinStatic	4,791	120,447	0	0	0
6	0,25806	LM71DX	LinStatic	4,791	120,447	0	0	0
6	0	STLM71	LinStatic	-54,648	20,516	0	0	0
6	0,25806	STLM71	LinStatic	-54,648	20,516	0	0	0
6	0	AVVLM71	LinStatic	-27,839	24,355	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
6	0,25806	AVVLM71	LinStatic	-27,839	24,355	0	0	0
6	0	SW2	LinStatic	3,771	127,473	0	0	0
6	0,25806	SW2	LinStatic	3,771	127,473	0	0	0
6	0	STSW2	LinStatic	-93,12	34,959	0	0	0
6	0,25806	STSW2	LinStatic	-93,12	34,959	0	0	0
6	0	INCRTER	LinStatic	-415,245	155,892	0	0	0
6	0,25806	INCRTER	LinStatic	-415,245	155,892	0	0	0
6	0	LM71SISO	LinStatic	-9,073	7,938	0	0	0
6	0,25806	LM71SISO	LinStatic	-9,073	7,938	0	0	0
6	0	SW2SISO	LinStatic	-7,928	6,935	0	0	0
6	0,25806	SW2SISO	LinStatic	-7,928	6,935	0	0	0
6	0	SISMAO	LinStatic	-87,915	67,16	0	0	0
6	0,25806	SISMAO	LinStatic	-87,915	67,16	0	0	0
6	0	LM71SVA	LinStatic	-0,134	-4,528	0	0	0
6	0,25806	LM71SVA	LinStatic	-0,134	-4,528	0	0	0
6	0	SW2SVA	LinStatic	-0,117	-3,95	0	0	0
6	0,25806	SW2SVA	LinStatic	-0,117	-3,95	0	0	0
6	0	SISMAVA	LinStatic	2,49	-48,376	0	0	0
6	0,25806	SISMAVA	LinStatic	2,49	-48,376	0	0	0
6	0	LM71SVB	LinStatic	0,134	4,528	0	0	0
6	0,25806	LM71SVB	LinStatic	0,134	4,528	0	0	0
6	0	SW2SVB	LinStatic	0,117	3,95	0	0	0
6	0,25806	SW2SVB	LinStatic	0,117	3,95	0	0	0
6	0	SISMAVB	LinStatic	-2,49	48,376	0	0	0
6	0,25806	SISMAVB	LinStatic	-2,49	48,376	0	0	0
7	0	PP	LinStatic	-18,797	196,562	0	0	0
7	0,25806	PP	LinStatic	-18,797	203,011	0	0	0
7	0	REINTSUP	LinStatic	1,467	45,317	0	0	0
7	0,25806	REINTSUP	LinStatic	1,467	45,317	0	0	0
7	0	BALLAST	LinStatic	1,294	39,986	0	0	0
7	0,25806	BALLAST	LinStatic	1,294	39,986	0	0	0
7	0	STERRASX	LinStatic	-356,889	133,015	0	0	0
7	0,25806	STERRASX	LinStatic	-356,889	133,015	0	0	0
7	0	STERRADX	LinStatic	-0,171	-130,008	0	0	0
7	0,25806	STERRADX	LinStatic	-0,171	-130,008	0	0	0
7	0	TERMP	LinStatic	1,739	-0,089	0	0	0
7	0,25806	TERMP	LinStatic	1,739	-0,089	0	0	0
7	0	TERMN	LinStatic	-5,216	0,267	0	0	0
7	0,25806	TERMN	LinStatic	-5,216	0,267	0	0	0
7	0	GRADTP	LinStatic	-8,745	0,166	0	0	0
7	0,25806	GRADTP	LinStatic	-8,745	0,166	0	0	0
7	0	GRADTN	LinStatic	8,745	-0,166	0	0	0
7	0,25806	GRADTN	LinStatic	8,745	-0,166	0	0	0
7	0	LM71C	LinStatic	5,814	115,121	0	0	0
7	0,25806	LM71C	LinStatic	5,814	115,121	0	0	0
7	0	LM71SX	LinStatic	4,791	118,26	0	0	0
7	0,25806	LM71SX	LinStatic	4,791	118,26	0	0	0
7	0	LM71DX	LinStatic	4,791	112,021	0	0	0
7	0,25806	LM71DX	LinStatic	4,791	112,021	0	0	0
7	0	STLM71	LinStatic	-52,022	26,241	0	0	0
7	0,25806	STLM71	LinStatic	-52,022	26,241	0	0	0
7	0	AVVLM71	LinStatic	-25,519	34,458	0	0	0
7	0,25806	AVVLM71	LinStatic	-25,519	34,458	0	0	0
7	0	SW2	LinStatic	3,771	116,486	0	0	0
7	0,25806	SW2	LinStatic	3,771	116,486	0	0	0
7	0	STSW2	LinStatic	-88,644	44,715	0	0	0
7	0,25806	STSW2	LinStatic	-88,644	44,715	0	0	0
7	0	INCRTER	LinStatic	-395,286	199,395	0	0	0
7	0,25806	INCRTER	LinStatic	-395,286	199,395	0	0	0
7	0	LM71SISO	LinStatic	-8,317	11,23	0	0	0
7	0,25806	LM71SISO	LinStatic	-8,317	11,23	0	0	0
7	0	SW2SISO	LinStatic	-7,267	9,812	0	0	0
7	0,25806	SW2SISO	LinStatic	-7,267	9,812	0	0	0
7	0	SISMAO	LinStatic	-80,589	91,387	0	0	0
7	0,25806	SISMAO	LinStatic	-80,589	91,387	0	0	0
7	0	LM71SVA	LinStatic	-0,134	-4,137	0	0	0
7	0,25806	LM71SVA	LinStatic	-0,134	-4,137	0	0	0
7	0	SW2SVA	LinStatic	-0,117	-3,61	0	0	0
7	0,25806	SW2SVA	LinStatic	-0,117	-3,61	0	0	0
7	0	SISMAVA	LinStatic	2,49	-44,216	0	0	0
7	0,25806	SISMAVA	LinStatic	2,49	-44,216	0	0	0
7	0	LM71SVB	LinStatic	0,134	4,137	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	0,25806	LM71SVB	LinStatic	0,134	4,137	0	0	0
7	0	SW2SVB	LinStatic	0,117	3,61	0	0	0
7	0,25806	SW2SVB	LinStatic	0,117	3,61	0	0	0
7	0	SISMAVB	LinStatic	-2,49	44,216	0	0	0
7	0,25806	SISMAVB	LinStatic	-2,49	44,216	0	0	0
8	0	PP	LinStatic	-18,797	177,921	0	0	0
8	0,25806	PP	LinStatic	-18,797	184,371	0	0	0
8	0	REINTSUP	LinStatic	1,467	41,077	0	0	0
8	0,25806	REINTSUP	LinStatic	1,467	41,077	0	0	0
8	0	BALLAST	LinStatic	1,294	36,244	0	0	0
8	0,25806	BALLAST	LinStatic	1,294	36,244	0	0	0
8	0	STERRASX	LinStatic	-340,673	157,382	0	0	0
8	0,25806	STERRASX	LinStatic	-340,673	157,382	0	0	0
8	0	STERRADX	LinStatic	-16,384	-154,325	0	0	0
8	0,25806	STERRADX	LinStatic	-16,384	-154,325	0	0	0
8	0	TERMP	LinStatic	1,739	-0,091	0	0	0
8	0,25806	TERMP	LinStatic	1,739	-0,091	0	0	0
8	0	TERMN	LinStatic	-5,216	0,272	0	0	0
8	0,25806	TERMN	LinStatic	-5,216	0,272	0	0	0
8	0	GRADTP	LinStatic	-8,745	0,169	0	0	0
8	0,25806	GRADTP	LinStatic	-8,745	0,169	0	0	0
8	0	GRADTN	LinStatic	8,745	-0,169	0	0	0
8	0,25806	GRADTN	LinStatic	8,745	-0,169	0	0	0
8	0	LM71C	LinStatic	5,814	104,346	0	0	0
8	0,25806	LM71C	LinStatic	5,814	104,346	0	0	0
8	0	LM71SX	LinStatic	4,791	105,262	0	0	0
8	0,25806	LM71SX	LinStatic	4,791	105,262	0	0	0
8	0	LM71DX	LinStatic	4,791	103,469	0	0	0
8	0,25806	LM71DX	LinStatic	4,791	103,469	0	0	0
8	0	STLM71	LinStatic	-49,395	31,446	0	0	0
8	0,25806	STLM71	LinStatic	-49,395	31,446	0	0	0
8	0	AVVLM71	LinStatic	-23,199	43,657	0	0	0
8	0,25806	AVVLM71	LinStatic	-23,199	43,657	0	0	0
8	0	SW2	LinStatic	3,77	105,587	0	0	0
8	0,25806	SW2	LinStatic	3,77	105,587	0	0	0
8	0	STSW2	LinStatic	-84,168	53,584	0	0	0
8	0,25806	STSW2	LinStatic	-84,168	53,584	0	0	0
8	0	INCRTER	LinStatic	-375,327	238,943	0	0	0
8	0,25806	INCRTER	LinStatic	-375,327	238,943	0	0	0
8	0	LM71SISO	LinStatic	-7,561	14,229	0	0	0
8	0,25806	LM71SISO	LinStatic	-7,561	14,229	0	0	0
8	0	SW2SISO	LinStatic	-6,606	12,432	0	0	0
8	0,25806	SW2SISO	LinStatic	-6,606	12,432	0	0	0
8	0	SISMAO	LinStatic	-73,262	113,447	0	0	0
8	0,25806	SISMAO	LinStatic	-73,262	113,447	0	0	0
8	0	LM71SVA	LinStatic	-0,134	-3,75	0	0	0
8	0,25806	LM71SVA	LinStatic	-0,134	-3,75	0	0	0
8	0	SW2SVA	LinStatic	-0,117	-3,272	0	0	0
8	0,25806	SW2SVA	LinStatic	-0,117	-3,272	0	0	0
8	0	SISMAVA	LinStatic	2,49	-40,087	0	0	0
8	0,25806	SISMAVA	LinStatic	2,49	-40,087	0	0	0
8	0	LM71SVB	LinStatic	0,134	3,75	0	0	0
8	0,25806	LM71SVB	LinStatic	0,134	3,75	0	0	0
8	0	SW2SVB	LinStatic	0,117	3,272	0	0	0
8	0,25806	SW2SVB	LinStatic	0,117	3,272	0	0	0
8	0	SISMAVB	LinStatic	-2,49	40,087	0	0	0
8	0,25806	SISMAVB	LinStatic	-2,49	40,087	0	0	0
9	0	PP	LinStatic	-18,797	159,41	0	0	0
9	0,25806	PP	LinStatic	-18,797	165,859	0	0	0
9	0	REINTSUP	LinStatic	1,467	36,869	0	0	0
9	0,25806	REINTSUP	LinStatic	1,467	36,869	0	0	0
9	0	BALLAST	LinStatic	1,294	32,532	0	0	0
9	0,25806	BALLAST	LinStatic	1,294	32,532	0	0	0
9	0	STERRASX	LinStatic	-324,456	179,32	0	0	0
9	0,25806	STERRASX	LinStatic	-324,456	179,32	0	0	0
9	0	STERRADX	LinStatic	-32,597	-176,306	0	0	0
9	0,25806	STERRADX	LinStatic	-32,597	-176,306	0	0	0
9	0	TERMP	LinStatic	1,739	-0,089	0	0	0
9	0,25806	TERMP	LinStatic	1,739	-0,089	0	0	0
9	0	TERMN	LinStatic	-5,216	0,268	0	0	0
9	0,25806	TERMN	LinStatic	-5,216	0,268	0	0	0
9	0	GRADTP	LinStatic	-8,745	0,166	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	0,25806	GRADTP	LinStatic	-8,745	0,166	0	0	0
9	0	GRADTN	LinStatic	8,745	-0,166	0	0	0
9	0,25806	GRADTN	LinStatic	8,745	-0,166	0	0	0
9	0	LM71C	LinStatic	5,814	93,654	0	0	0
9	0,25806	LM71C	LinStatic	5,814	93,654	0	0	0
9	0	LM71SX	LinStatic	4,791	92,56	0	0	0
9	0,25806	LM71SX	LinStatic	4,791	92,56	0	0	0
9	0	LM71DX	LinStatic	4,791	94,786	0	0	0
9	0,25806	LM71DX	LinStatic	4,791	94,786	0	0	0
9	0	STLM71	LinStatic	-46,768	36,135	0	0	0
9	0,25806	STLM71	LinStatic	-46,768	36,135	0	0	0
9	0	AVVLM71	LinStatic	-20,879	51,96	0	0	0
9	0,25806	AVVLM71	LinStatic	-20,879	51,96	0	0	0
9	0	SW2	LinStatic	3,77	94,771	0	0	0
9	0,25806	SW2	LinStatic	3,77	94,771	0	0	0
9	0	STSW2	LinStatic	-79,692	61,574	0	0	0
9	0,25806	STSW2	LinStatic	-79,692	61,574	0	0	0
9	0	INCRTER	LinStatic	-355,369	274,574	0	0	0
9	0,25806	INCRTER	LinStatic	-355,369	274,574	0	0	0
9	0	LM71SISO	LinStatic	-6,805	16,935	0	0	0
9	0,25806	LM71SISO	LinStatic	-6,805	16,935	0	0	0
9	0	SW2SISO	LinStatic	-5,946	14,796	0	0	0
9	0,25806	SW2SISO	LinStatic	-5,946	14,796	0	0	0
9	0	SISMAO	LinStatic	-65,936	133,353	0	0	0
9	0,25806	SISMAO	LinStatic	-65,936	133,353	0	0	0
9	0	LM71SVA	LinStatic	-0,134	-3,366	0	0	0
9	0,25806	LM71SVA	LinStatic	-0,134	-3,366	0	0	0
9	0	SW2SVA	LinStatic	-0,117	-2,937	0	0	0
9	0,25806	SW2SVA	LinStatic	-0,117	-2,937	0	0	0
9	0	SISMAVA	LinStatic	2,49	-35,987	0	0	0
9	0,25806	SISMAVA	LinStatic	2,49	-35,987	0	0	0
9	0	LM71SVB	LinStatic	0,134	3,366	0	0	0
9	0,25806	LM71SVB	LinStatic	0,134	3,366	0	0	0
9	0	SW2SVB	LinStatic	0,117	2,937	0	0	0
9	0,25806	SW2SVB	LinStatic	0,117	2,937	0	0	0
9	0	SISMAVB	LinStatic	-2,49	35,987	0	0	0
9	0,25806	SISMAVB	LinStatic	-2,49	35,987	0	0	0
10	0	PP	LinStatic	-18,797	141,017	0	0	0
10	0,25806	PP	LinStatic	-18,797	147,467	0	0	0
10	0	REINTSUP	LinStatic	1,467	32,692	0	0	0
10	0,25806	REINTSUP	LinStatic	1,467	32,692	0	0	0
10	0	BALLAST	LinStatic	1,294	28,846	0	0	0
10	0,25806	BALLAST	LinStatic	1,294	28,846	0	0	0
10	0	STERRASX	LinStatic	-308,24	198,852	0	0	0
10	0,25806	STERRASX	LinStatic	-308,24	198,852	0	0	0
10	0	STERRADX	LinStatic	-48,811	-195,964	0	0	0
10	0,25806	STERRADX	LinStatic	-48,811	-195,964	0	0	0
10	0	TERMP	LinStatic	1,739	-0,086	0	0	0
10	0,25806	TERMP	LinStatic	1,739	-0,086	0	0	0
10	0	TERMN	LinStatic	-5,216	0,257	0	0	0
10	0,25806	TERMN	LinStatic	-5,216	0,257	0	0	0
10	0	GRADTP	LinStatic	-8,745	0,159	0	0	0
10	0,25806	GRADTP	LinStatic	-8,745	0,159	0	0	0
10	0	GRADTN	LinStatic	8,745	-0,159	0	0	0
10	0,25806	GRADTN	LinStatic	8,745	-0,159	0	0	0
10	0	LM71C	LinStatic	5,814	83,04	0	0	0
10	0,25806	LM71C	LinStatic	5,814	83,04	0	0	0
10	0	LM71SX	LinStatic	4,791	80,15	0	0	0
10	0,25806	LM71SX	LinStatic	4,791	80,15	0	0	0
10	0	LM71DX	LinStatic	4,791	85,968	0	0	0
10	0,25806	LM71DX	LinStatic	4,791	85,968	0	0	0
10	0	STLM71	LinStatic	-44,142	40,313	0	0	0
10	0,25806	STLM71	LinStatic	-44,142	40,313	0	0	0
10	0	AVVLM71	LinStatic	-18,559	59,372	0	0	0
10	0,25806	AVVLM71	LinStatic	-18,559	59,372	0	0	0
10	0	SW2	LinStatic	3,77	84,034	0	0	0
10	0,25806	SW2	LinStatic	3,77	84,034	0	0	0
10	0	STSW2	LinStatic	-75,217	68,693	0	0	0
10	0,25806	STSW2	LinStatic	-75,217	68,693	0	0	0
10	0	INCRTER	LinStatic	-335,411	306,32	0	0	0
10	0,25806	INCRTER	LinStatic	-335,411	306,32	0	0	0
10	0	LM71SISO	LinStatic	-6,049	19,35	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
10	0,25806	LM71SISO	LinStatic	-6,049	19,35	0	0	0
10	0	SW2SISO	LinStatic	-5,285	16,907	0	0	0
10	0,25806	SW2SISO	LinStatic	-5,285	16,907	0	0	0
10	0	SISMAO	LinStatic	-58,609	151,122	0	0	0
10	0,25806	SISMAO	LinStatic	-58,609	151,122	0	0	0
10	0	LM71SVA	LinStatic	-0,134	-2,985	0	0	0
10	0,25806	LM71SVA	LinStatic	-0,134	-2,985	0	0	0
10	0	SW2SVA	LinStatic	-0,117	-2,604	0	0	0
10	0,25806	SW2SVA	LinStatic	-0,117	-2,604	0	0	0
10	0	SISMAVA	LinStatic	2,49	-31,915	0	0	0
10	0,25806	SISMAVA	LinStatic	2,49	-31,915	0	0	0
10	0	LM71SVB	LinStatic	0,134	2,985	0	0	0
10	0,25806	LM71SVB	LinStatic	0,134	2,985	0	0	0
10	0	SW2SVB	LinStatic	0,117	2,604	0	0	0
10	0,25806	SW2SVB	LinStatic	0,117	2,604	0	0	0
10	0	SISMAVB	LinStatic	-2,49	31,915	0	0	0
10	0,25806	SISMAVB	LinStatic	-2,49	31,915	0	0	0
11	0	PP	LinStatic	-18,797	122,735	0	0	0
11	0,25806	PP	LinStatic	-18,797	129,184	0	0	0
11	0	REINTSUP	LinStatic	1,467	28,542	0	0	0
11	0,25806	REINTSUP	LinStatic	1,467	28,542	0	0	0
11	0	BALLAST	LinStatic	1,294	25,184	0	0	0
11	0,25806	BALLAST	LinStatic	1,294	25,184	0	0	0
11	0	STERRASX	LinStatic	-292,024	216	0	0	0
11	0,25806	STERRASX	LinStatic	-292,024	216	0	0	0
11	0	STERRADX	LinStatic	-65,024	-213,311	0	0	0
11	0,25806	STERRADX	LinStatic	-65,024	-213,311	0	0	0
11	0	TERMP	LinStatic	1,739	-0,08	0	0	0
11	0,25806	TERMP	LinStatic	1,739	-0,08	0	0	0
11	0	TERMN	LinStatic	-5,216	0,239	0	0	0
11	0,25806	TERMN	LinStatic	-5,216	0,239	0	0	0
11	0	GRADTP	LinStatic	-8,745	0,148	0	0	0
11	0,25806	GRADTP	LinStatic	-8,745	0,148	0	0	0
11	0	GRADTN	LinStatic	8,745	-0,148	0	0	0
11	0,25806	GRADTN	LinStatic	8,745	-0,148	0	0	0
11	0	LM71C	LinStatic	5,814	72,497	0	0	0
11	0,25806	LM71C	LinStatic	5,814	72,497	0	0	0
11	0	LM71SX	LinStatic	4,791	68,022	0	0	0
11	0,25806	LM71SX	LinStatic	4,791	68,022	0	0	0
11	0	LM71DX	LinStatic	4,791	77,007	0	0	0
11	0,25806	LM71DX	LinStatic	4,791	77,007	0	0	0
11	0	STLM71	LinStatic	-41,515	43,984	0	0	0
11	0,25806	STLM71	LinStatic	-41,515	43,984	0	0	0
11	0	AVVLM71	LinStatic	-16,239	65,898	0	0	0
11	0,25806	AVVLM71	LinStatic	-16,239	65,898	0	0	0
11	0	SW2	LinStatic	3,77	73,367	0	0	0
11	0,25806	SW2	LinStatic	3,77	73,367	0	0	0
11	0	STSW2	LinStatic	-70,741	74,949	0	0	0
11	0,25806	STSW2	LinStatic	-70,741	74,949	0	0	0
11	0	INCRTER	LinStatic	-315,454	334,215	0	0	0
11	0,25806	INCRTER	LinStatic	-315,454	334,215	0	0	0
11	0	LM71SISO	LinStatic	-5,293	21,477	0	0	0
11	0,25806	LM71SISO	LinStatic	-5,293	21,477	0	0	0
11	0	SW2SISO	LinStatic	-4,624	18,765	0	0	0
11	0,25806	SW2SISO	LinStatic	-4,624	18,765	0	0	0
11	0	SISMAO	LinStatic	-51,283	166,767	0	0	0
11	0,25806	SISMAO	LinStatic	-51,283	166,767	0	0	0
11	0	LM71SVA	LinStatic	-0,134	-2,606	0	0	0
11	0,25806	LM71SVA	LinStatic	-0,134	-2,606	0	0	0
11	0	SW2SVA	LinStatic	-0,117	-2,274	0	0	0
11	0,25806	SW2SVA	LinStatic	-0,117	-2,274	0	0	0
11	0	SISMAVA	LinStatic	2,49	-27,868	0	0	0
11	0,25806	SISMAVA	LinStatic	2,49	-27,868	0	0	0
11	0	LM71SVB	LinStatic	0,134	2,606	0	0	0
11	0,25806	LM71SVB	LinStatic	0,134	2,606	0	0	0
11	0	SW2SVB	LinStatic	0,117	2,274	0	0	0
11	0,25806	SW2SVB	LinStatic	0,117	2,274	0	0	0
11	0	SISMAVB	LinStatic	-2,49	27,868	0	0	0
11	0,25806	SISMAVB	LinStatic	-2,49	27,868	0	0	0
12	0	PP	LinStatic	-18,796	104,55	0	0	0
12	0,25806	PP	LinStatic	-18,796	111	0	0	0
12	0	REINTSUP	LinStatic	1,467	24,417	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	0,25806	REINTSUP	LinStatic	1,467	24,417	0	0	0
12	0	BALLAST	LinStatic	1,294	21,545	0	0	0
12	0,25806	BALLAST	LinStatic	1,294	21,545	0	0	0
12	0	STERRASX	LinStatic	-275,808	230,783	0	0	0
12	0,25806	STERRASX	LinStatic	-275,808	230,783	0	0	0
12	0	STERRADX	LinStatic	-81,237	-228,359	0	0	0
12	0,25806	STERRADX	LinStatic	-81,237	-228,359	0	0	0
12	0	TERMP	LinStatic	1,739	-0,072	0	0	0
12	0,25806	TERMP	LinStatic	1,739	-0,072	0	0	0
12	0	TERMN	LinStatic	-5,216	0,216	0	0	0
12	0,25806	TERMN	LinStatic	-5,216	0,216	0	0	0
12	0	GRADTP	LinStatic	-8,745	0,134	0	0	0
12	0,25806	GRADTP	LinStatic	-8,745	0,134	0	0	0
12	0	GRADTN	LinStatic	8,745	-0,134	0	0	0
12	0,25806	GRADTN	LinStatic	8,745	-0,134	0	0	0
12	0	LM71C	LinStatic	5,814	62,018	0	0	0
12	0,25806	LM71C	LinStatic	5,814	62,018	0	0	0
12	0	LM71SX	LinStatic	4,791	56,17	0	0	0
12	0,25806	LM71SX	LinStatic	4,791	56,17	0	0	0
12	0	LM71DX	LinStatic	4,791	67,897	0	0	0
12	0,25806	LM71DX	LinStatic	4,791	67,897	0	0	0
12	0	STLM71	LinStatic	-38,889	47,152	0	0	0
12	0,25806	STLM71	LinStatic	-38,889	47,152	0	0	0
12	0	AVVLM71	LinStatic	-13,919	71,544	0	0	0
12	0,25806	AVVLM71	LinStatic	-13,919	71,544	0	0	0
12	0	SW2	LinStatic	3,77	62,764	0	0	0
12	0,25806	SW2	LinStatic	3,77	62,764	0	0	0
12	0	STSW2	LinStatic	-66,266	80,347	0	0	0
12	0,25806	STSW2	LinStatic	-66,266	80,347	0	0	0
12	0	INCRTER	LinStatic	-295,497	358,288	0	0	0
12	0,25806	INCRTER	LinStatic	-295,497	358,288	0	0	0
12	0	LM71SISO	LinStatic	-4,537	23,317	0	0	0
12	0,25806	LM71SISO	LinStatic	-4,537	23,317	0	0	0
12	0	SW2SISO	LinStatic	-3,964	20,373	0	0	0
12	0,25806	SW2SISO	LinStatic	-3,964	20,373	0	0	0
12	0	SISMAO	LinStatic	-43,957	180,3	0	0	0
12	0,25806	SISMAO	LinStatic	-43,957	180,3	0	0	0
12	0	LM71SVA	LinStatic	-0,134	-2,229	0	0	0
12	0,25806	LM71SVA	LinStatic	-0,134	-2,229	0	0	0
12	0	SW2SVA	LinStatic	-0,117	-1,945	0	0	0
12	0,25806	SW2SVA	LinStatic	-0,117	-1,945	0	0	0
12	0	SISMAVA	LinStatic	2,49	-23,844	0	0	0
12	0,25806	SISMAVA	LinStatic	2,49	-23,844	0	0	0
12	0	LM71SVB	LinStatic	0,134	2,229	0	0	0
12	0,25806	LM71SVB	LinStatic	0,134	2,229	0	0	0
12	0	SW2SVB	LinStatic	0,117	1,945	0	0	0
12	0,25806	SW2SVB	LinStatic	0,117	1,945	0	0	0
12	0	SISMAVB	LinStatic	-2,49	23,844	0	0	0
12	0,25806	SISMAVB	LinStatic	-2,49	23,844	0	0	0
13	0	PP	LinStatic	-18,796	86,452	0	0	0
13	0,25806	PP	LinStatic	-18,796	92,902	0	0	0
13	0	REINTSUP	LinStatic	1,467	20,314	0	0	0
13	0,25806	REINTSUP	LinStatic	1,467	20,314	0	0	0
13	0	BALLAST	LinStatic	1,294	17,924	0	0	0
13	0,25806	BALLAST	LinStatic	1,294	17,924	0	0	0
13	0	STERRASX	LinStatic	-259,593	243,22	0	0	0
13	0,25806	STERRASX	LinStatic	-259,593	243,22	0	0	0
13	0	STERRADX	LinStatic	-97,451	-241,116	0	0	0
13	0,25806	STERRADX	LinStatic	-97,451	-241,116	0	0	0
13	0	TERMP	LinStatic	1,739	-0,062	0	0	0
13	0,25806	TERMP	LinStatic	1,739	-0,062	0	0	0
13	0	TERMN	LinStatic	-5,216	0,187	0	0	0
13	0,25806	TERMN	LinStatic	-5,216	0,187	0	0	0
13	0	GRADTP	LinStatic	-8,744	0,116	0	0	0
13	0,25806	GRADTP	LinStatic	-8,744	0,116	0	0	0
13	0	GRADTN	LinStatic	8,744	-0,116	0	0	0
13	0,25806	GRADTN	LinStatic	8,744	-0,116	0	0	0
13	0	LM71C	LinStatic	5,814	51,594	0	0	0
13	0,25806	LM71C	LinStatic	5,814	51,594	0	0	0
13	0	LM71SX	LinStatic	4,791	44,585	0	0	0
13	0,25806	LM71SX	LinStatic	4,791	44,585	0	0	0
13	0	LM71DX	LinStatic	4,791	58,631	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	0,25806	LM71DX	LinStatic	4,791	58,631	0	0	0
13	0	STLM71	LinStatic	-36,262	49,821	0	0	0
13	0,25806	STLM71	LinStatic	-36,262	49,821	0	0	0
13	0	AVVLM71	LinStatic	-11,599	76,313	0	0	0
13	0,25806	AVVLM71	LinStatic	-11,599	76,313	0	0	0
13	0	SW2	LinStatic	3,77	52,216	0	0	0
13	0,25806	SW2	LinStatic	3,77	52,216	0	0	0
13	0	STSW2	LinStatic	-61,791	84,894	0	0	0
13	0,25806	STSW2	LinStatic	-61,791	84,894	0	0	0
13	0	INCRTER	LinStatic	-275,54	378,564	0	0	0
13	0,25806	INCRTER	LinStatic	-275,54	378,564	0	0	0
13	0	LM71SISO	LinStatic	-3,78	24,872	0	0	0
13	0,25806	LM71SISO	LinStatic	-3,78	24,872	0	0	0
13	0	SW2SISO	LinStatic	-3,303	21,731	0	0	0
13	0,25806	SW2SISO	LinStatic	-3,303	21,731	0	0	0
13	0	SISMAO	LinStatic	-36,631	191,731	0	0	0
13	0,25806	SISMAO	LinStatic	-36,631	191,731	0	0	0
13	0	LM71SVA	LinStatic	-0,134	-1,855	0	0	0
13	0,25806	LM71SVA	LinStatic	-0,134	-1,855	0	0	0
13	0	SW2SVA	LinStatic	-0,117	-1,618	0	0	0
13	0,25806	SW2SVA	LinStatic	-0,117	-1,618	0	0	0
13	0	SISMAVA	LinStatic	2,49	-19,839	0	0	0
13	0,25806	SISMAVA	LinStatic	2,49	-19,839	0	0	0
13	0	LM71SVB	LinStatic	0,134	1,855	0	0	0
13	0,25806	LM71SVB	LinStatic	0,134	1,855	0	0	0
13	0	SW2SVB	LinStatic	0,117	1,618	0	0	0
13	0,25806	SW2SVB	LinStatic	0,117	1,618	0	0	0
13	0	SISMAVB	LinStatic	-2,49	19,839	0	0	0
13	0,25806	SISMAVB	LinStatic	-2,49	19,839	0	0	0
14	0	PP	LinStatic	-18,796	68,427	0	0	0
14	0,25806	PP	LinStatic	-18,796	74,877	0	0	0
14	0	REINTSUP	LinStatic	1,467	16,229	0	0	0
14	0,25806	REINTSUP	LinStatic	1,467	16,229	0	0	0
14	0	BALLAST	LinStatic	1,294	14,319	0	0	0
14	0,25806	BALLAST	LinStatic	1,294	14,319	0	0	0
14	0	STERRASX	LinStatic	-243,378	253,328	0	0	0
14	0,25806	STERRASX	LinStatic	-243,378	253,328	0	0	0
14	0	STERRADX	LinStatic	-113,664	-251,589	0	0	0
14	0,25806	STERRADX	LinStatic	-113,664	-251,589	0	0	0
14	0	TERMP	LinStatic	1,739	-0,052	0	0	0
14	0,25806	TERMP	LinStatic	1,739	-0,052	0	0	0
14	0	TERMN	LinStatic	-5,216	0,155	0	0	0
14	0,25806	TERMN	LinStatic	-5,216	0,155	0	0	0
14	0	GRADTP	LinStatic	-8,744	0,096	0	0	0
14	0,25806	GRADTP	LinStatic	-8,744	0,096	0	0	0
14	0	GRADTN	LinStatic	8,744	-0,096	0	0	0
14	0,25806	GRADTN	LinStatic	8,744	-0,096	0	0	0
14	0	LM71C	LinStatic	5,814	41,218	0	0	0
14	0,25806	LM71C	LinStatic	5,814	41,218	0	0	0
14	0	LM71SX	LinStatic	4,791	33,259	0	0	0
14	0,25806	LM71SX	LinStatic	4,791	33,259	0	0	0
14	0	LM71DX	LinStatic	4,791	49,2	0	0	0
14	0,25806	LM71DX	LinStatic	4,791	49,2	0	0	0
14	0	STLM71	LinStatic	-33,636	51,993	0	0	0
14	0,25806	STLM71	LinStatic	-33,636	51,993	0	0	0
14	0	AVVLM71	LinStatic	-9,28	80,211	0	0	0
14	0,25806	AVVLM71	LinStatic	-9,28	80,211	0	0	0
14	0	SW2	LinStatic	3,77	41,715	0	0	0
14	0,25806	SW2	LinStatic	3,77	41,715	0	0	0
14	0	STSW2	LinStatic	-57,315	88,595	0	0	0
14	0,25806	STSW2	LinStatic	-57,315	88,595	0	0	0
14	0	INCRTER	LinStatic	-255,583	395,069	0	0	0
14	0,25806	INCRTER	LinStatic	-255,583	395,069	0	0	0
14	0	LM71SISO	LinStatic	-3,024	26,142	0	0	0
14	0,25806	LM71SISO	LinStatic	-3,024	26,142	0	0	0
14	0	SW2SISO	LinStatic	-2,642	22,841	0	0	0
14	0,25806	SW2SISO	LinStatic	-2,642	22,841	0	0	0
14	0	SISMAO	LinStatic	-29,304	201,071	0	0	0
14	0,25806	SISMAO	LinStatic	-29,304	201,071	0	0	0
14	0	LM71SVA	LinStatic	-0,134	-1,482	0	0	0
14	0,25806	LM71SVA	LinStatic	-0,134	-1,482	0	0	0
14	0	SW2SVA	LinStatic	-0,117	-1,293	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
14	0,25806	SW2SVA	LinStatic	-0,117	-1,293	0	0	0
14	0	SISMAVA	LinStatic	2,49	-15,851	0	0	0
14	0,25806	SISMAVA	LinStatic	2,49	-15,851	0	0	0
14	0	LM71SVB	LinStatic	0,134	1,482	0	0	0
14	0,25806	LM71SVB	LinStatic	0,134	1,482	0	0	0
14	0	SW2SVB	LinStatic	0,117	1,293	0	0	0
14	0,25806	SW2SVB	LinStatic	0,117	1,293	0	0	0
14	0	SISMAVB	LinStatic	-2,49	15,851	0	0	0
14	0,25806	SISMAVB	LinStatic	-2,49	15,851	0	0	0
15	0	PP	LinStatic	-18,796	50,462	0	0	0
15	0,25806	PP	LinStatic	-18,796	56,911	0	0	0
15	0	REINTSUP	LinStatic	1,467	12,158	0	0	0
15	0,25806	REINTSUP	LinStatic	1,467	12,158	0	0	0
15	0	BALLAST	LinStatic	1,294	10,728	0	0	0
15	0,25806	BALLAST	LinStatic	1,294	10,728	0	0	0
15	0	STERRASX	LinStatic	-227,163	261,12	0	0	0
15	0,25806	STERRASX	LinStatic	-227,163	261,12	0	0	0
15	0	STERRADX	LinStatic	-129,878	-259,783	0	0	0
15	0,25806	STERRADX	LinStatic	-129,878	-259,783	0	0	0
15	0	TERMP	LinStatic	1,739	-0,04	0	0	0
15	0,25806	TERMP	LinStatic	1,739	-0,04	0	0	0
15	0	TERMN	LinStatic	-5,216	0,119	0	0	0
15	0,25806	TERMN	LinStatic	-5,216	0,119	0	0	0
15	0	GRADTP	LinStatic	-8,744	0,074	0	0	0
15	0,25806	GRADTP	LinStatic	-8,744	0,074	0	0	0
15	0	GRADTN	LinStatic	8,744	-0,074	0	0	0
15	0,25806	GRADTN	LinStatic	8,744	-0,074	0	0	0
15	0	LM71C	LinStatic	5,814	30,88	0	0	0
15	0,25806	LM71C	LinStatic	5,814	30,88	0	0	0
15	0	LM71SX	LinStatic	4,791	22,181	0	0	0
15	0,25806	LM71SX	LinStatic	4,791	22,181	0	0	0
15	0	LM71DX	LinStatic	4,791	39,596	0	0	0
15	0,25806	LM71DX	LinStatic	4,791	39,596	0	0	0
15	0	STLM71	LinStatic	-31,01	53,671	0	0	0
15	0,25806	STLM71	LinStatic	-31,01	53,671	0	0	0
15	0	AVVLM71	LinStatic	-6,96	83,238	0	0	0
15	0,25806	AVVLM71	LinStatic	-6,96	83,238	0	0	0
15	0	SW2	LinStatic	3,77	31,253	0	0	0
15	0,25806	SW2	LinStatic	3,77	31,253	0	0	0
15	0	STSW2	LinStatic	-52,84	91,455	0	0	0
15	0,25806	STSW2	LinStatic	-52,84	91,455	0	0	0
15	0	INCRTER	LinStatic	-235,627	407,822	0	0	0
15	0,25806	INCRTER	LinStatic	-235,627	407,822	0	0	0
15	0	LM71SISO	LinStatic	-2,268	27,129	0	0	0
15	0,25806	LM71SISO	LinStatic	-2,268	27,129	0	0	0
15	0	SW2SISO	LinStatic	-1,982	23,703	0	0	0
15	0,25806	SW2SISO	LinStatic	-1,982	23,703	0	0	0
15	0	SISMAO	LinStatic	-21,978	208,327	0	0	0
15	0,25806	SISMAO	LinStatic	-21,978	208,327	0	0	0
15	0	LM71SVA	LinStatic	-0,134	-1,11	0	0	0
15	0,25806	LM71SVA	LinStatic	-0,134	-1,11	0	0	0
15	0	SW2SVA	LinStatic	-0,117	-0,968	0	0	0
15	0,25806	SW2SVA	LinStatic	-0,117	-0,968	0	0	0
15	0	SISMAVA	LinStatic	2,49	-11,876	0	0	0
15	0,25806	SISMAVA	LinStatic	2,49	-11,876	0	0	0
15	0	LM71SVB	LinStatic	0,134	1,11	0	0	0
15	0,25806	LM71SVB	LinStatic	0,134	1,11	0	0	0
15	0	SW2SVB	LinStatic	0,117	0,968	0	0	0
15	0,25806	SW2SVB	LinStatic	0,117	0,968	0	0	0
15	0	SISMAVB	LinStatic	-2,49	11,876	0	0	0
15	0,25806	SISMAVB	LinStatic	-2,49	11,876	0	0	0
16	0	PP	LinStatic	-18,796	32,541	0	0	0
16	0,25806	PP	LinStatic	-18,796	38,991	0	0	0
16	0	REINTSUP	LinStatic	1,467	8,099	0	0	0
16	0,25806	REINTSUP	LinStatic	1,467	8,099	0	0	0
16	0	BALLAST	LinStatic	1,294	7,146	0	0	0
16	0,25806	BALLAST	LinStatic	1,294	7,146	0	0	0
16	0	STERRASX	LinStatic	-210,948	266,609	0	0	0
16	0,25806	STERRASX	LinStatic	-210,948	266,609	0	0	0
16	0	STERRADX	LinStatic	-146,091	-265,702	0	0	0
16	0,25806	STERRADX	LinStatic	-146,091	-265,702	0	0	0
16	0	TERMP	LinStatic	1,739	-0,027	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	0,25806	TERMP	LinStatic	1,739	-0,027	0	0	0
16	0	TERMN	LinStatic	-5,216	0,081	0	0	0
16	0,25806	TERMN	LinStatic	-5,216	0,081	0	0	0
16	0	GRADTP	LinStatic	-8,744	0,05	0	0	0
16	0,25806	GRADTP	LinStatic	-8,744	0,05	0	0	0
16	0	GRADTN	LinStatic	8,744	-0,05	0	0	0
16	0,25806	GRADTN	LinStatic	8,744	-0,05	0	0	0
16	0	LM71C	LinStatic	5,814	20,57	0	0	0
16	0,25806	LM71C	LinStatic	5,814	20,57	0	0	0
16	0	LM71SX	LinStatic	4,791	11,342	0	0	0
16	0,25806	LM71SX	LinStatic	4,791	11,342	0	0	0
16	0	LM71DX	LinStatic	4,791	29,81	0	0	0
16	0,25806	LM71DX	LinStatic	4,791	29,81	0	0	0
16	0	STLM71	LinStatic	-28,383	54,858	0	0	0
16	0,25806	STLM71	LinStatic	-28,383	54,858	0	0	0
16	0	AVVLM71	LinStatic	-4,64	85,399	0	0	0
16	0,25806	AVVLM71	LinStatic	-4,64	85,399	0	0	0
16	0	SW2	LinStatic	3,77	20,819	0	0	0
16	0,25806	SW2	LinStatic	3,77	20,819	0	0	0
16	0	STSW2	LinStatic	-48,365	93,478	0	0	0
16	0,25806	STSW2	LinStatic	-48,365	93,478	0	0	0
16	0	INCRTER	LinStatic	-215,671	416,84	0	0	0
16	0,25806	INCRTER	LinStatic	-215,671	416,84	0	0	0
16	0	LM71SISO	LinStatic	-1,512	27,833	0	0	0
16	0,25806	LM71SISO	LinStatic	-1,512	27,833	0	0	0
16	0	SW2SISO	LinStatic	-1,321	24,318	0	0	0
16	0,25806	SW2SISO	LinStatic	-1,321	24,318	0	0	0
16	0	SISMAO	LinStatic	-14,652	213,506	0	0	0
16	0,25806	SISMAO	LinStatic	-14,652	213,506	0	0	0
16	0	LM71SVA	LinStatic	-0,134	-0,739	0	0	0
16	0,25806	LM71SVA	LinStatic	-0,134	-0,739	0	0	0
16	0	SW2SVA	LinStatic	-0,117	-0,645	0	0	0
16	0,25806	SW2SVA	LinStatic	-0,117	-0,645	0	0	0
16	0	SISMAVA	LinStatic	2,49	-7,912	0	0	0
16	0,25806	SISMAVA	LinStatic	2,49	-7,912	0	0	0
16	0	LM71SVB	LinStatic	0,134	0,739	0	0	0
16	0,25806	LM71SVB	LinStatic	0,134	0,739	0	0	0
16	0	SW2SVB	LinStatic	0,117	0,645	0	0	0
16	0,25806	SW2SVB	LinStatic	0,117	0,645	0	0	0
16	0	SISMAVB	LinStatic	-2,49	7,912	0	0	0
16	0,25806	SISMAVB	LinStatic	-2,49	7,912	0	0	0
17	0	PP	LinStatic	-18,796	14,65	0	0	0
17	0,25806	PP	LinStatic	-18,796	21,1	0	0	0
17	0	REINTSUP	LinStatic	1,467	4,048	0	0	0
17	0,25806	REINTSUP	LinStatic	1,467	4,048	0	0	0
17	0	BALLAST	LinStatic	1,294	3,572	0	0	0
17	0,25806	BALLAST	LinStatic	1,294	3,572	0	0	0
17	0	STERRASX	LinStatic	-194,734	269,805	0	0	0
17	0,25806	STERRASX	LinStatic	-194,734	269,805	0	0	0
17	0	STERRADX	LinStatic	-162,305	-269,347	0	0	0
17	0,25806	STERRADX	LinStatic	-162,305	-269,347	0	0	0
17	0	TERMP	LinStatic	1,739	-0,014	0	0	0
17	0,25806	TERMP	LinStatic	1,739	-0,014	0	0	0
17	0	TERMN	LinStatic	-5,216	0,041	0	0	0
17	0,25806	TERMN	LinStatic	-5,216	0,041	0	0	0
17	0	GRADTP	LinStatic	-8,744	0,025	0	0	0
17	0,25806	GRADTP	LinStatic	-8,744	0,025	0	0	0
17	0	GRADTN	LinStatic	8,744	-0,025	0	0	0
17	0,25806	GRADTN	LinStatic	8,744	-0,025	0	0	0
17	0	LM71C	LinStatic	5,814	10,28	0	0	0
17	0,25806	LM71C	LinStatic	5,814	10,28	0	0	0
17	0	LM71SX	LinStatic	4,791	0,734	0	0	0
17	0,25806	LM71SX	LinStatic	4,791	0,734	0	0	0
17	0	LM71DX	LinStatic	4,791	19,832	0	0	0
17	0,25806	LM71DX	LinStatic	4,791	19,832	0	0	0
17	0	STLM71	LinStatic	-25,757	55,556	0	0	0
17	0,25806	STLM71	LinStatic	-25,757	55,556	0	0	0
17	0	AVVLM71	LinStatic	-2,32	86,695	0	0	0
17	0,25806	AVVLM71	LinStatic	-2,32	86,695	0	0	0
17	0	SW2	LinStatic	3,77	10,405	0	0	0
17	0,25806	SW2	LinStatic	3,77	10,405	0	0	0
17	0	STSW2	LinStatic	-43,89	94,666	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	0,25806	STSW2	LinStatic	-43,89	94,666	0	0	0
17	0	INCRTER	LinStatic	-195,715	422,139	0	0	0
17	0,25806	INCRTER	LinStatic	-195,715	422,139	0	0	0
17	0	LM71SISO	LinStatic	-0,756	28,255	0	0	0
17	0,25806	LM71SISO	LinStatic	-0,756	28,255	0	0	0
17	0	SW2SISO	LinStatic	-0,661	24,687	0	0	0
17	0,25806	SW2SISO	LinStatic	-0,661	24,687	0	0	0
17	0	SISMAO	LinStatic	-7,326	216,611	0	0	0
17	0,25806	SISMAO	LinStatic	-7,326	216,611	0	0	0
17	0	LM71SVA	LinStatic	-0,134	-0,37	0	0	0
17	0,25806	LM71SVA	LinStatic	-0,134	-0,37	0	0	0
17	0	SW2SVA	LinStatic	-0,117	-0,322	0	0	0
17	0,25806	SW2SVA	LinStatic	-0,117	-0,322	0	0	0
17	0	SISMAVA	LinStatic	2,49	-3,954	0	0	0
17	0,25806	SISMAVA	LinStatic	2,49	-3,954	0	0	0
17	0	LM71SVB	LinStatic	0,134	0,37	0	0	0
17	0,25806	LM71SVB	LinStatic	0,134	0,37	0	0	0
17	0	SW2SVB	LinStatic	0,117	0,322	0	0	0
17	0,25806	SW2SVB	LinStatic	0,117	0,322	0	0	0
17	0	SISMAVB	LinStatic	-2,49	3,954	0	0	0
17	0,25806	SISMAVB	LinStatic	-2,49	3,954	0	0	0
18	0	PP	LinStatic	-18,796	-3,225	0	0	0
18	0,25806	PP	LinStatic	-18,796	3,225	0	0	0
18	0	REINTSUP	LinStatic	1,467	5,821E-11	0	0	0
18	0,25806	REINTSUP	LinStatic	1,467	5,821E-11	0	0	0
18	0	BALLAST	LinStatic	1,294	2,91E-11	0	0	0
18	0,25806	BALLAST	LinStatic	1,294	2,91E-11	0	0	0
18	0	STERRASX	LinStatic	-178,519	270,715	0	0	0
18	0,25806	STERRASX	LinStatic	-178,519	270,715	0	0	0
18	0	STERRADX	LinStatic	-178,519	-270,715	0	0	0
18	0,25806	STERRADX	LinStatic	-178,519	-270,715	0	0	0
18	0	TERMP	LinStatic	1,739	2,558E-12	0	0	0
18	0,25806	TERMP	LinStatic	1,739	2,558E-12	0	0	0
18	0	TERMN	LinStatic	-5,216	-1E-11	0	0	0
18	0,25806	TERMN	LinStatic	-5,216	-1E-11	0	0	0
18	0	GRADTP	LinStatic	-8,744	6,821E-13	0	0	0
18	0,25806	GRADTP	LinStatic	-8,744	6,821E-13	0	0	0
18	0	GRADTN	LinStatic	8,744	-6,821E-13	0	0	0
18	0,25806	GRADTN	LinStatic	8,744	-6,821E-13	0	0	0
18	0	LM71C	LinStatic	5,814	1,164E-10	0	0	0
18	0,25806	LM71C	LinStatic	5,814	1,164E-10	0	0	0
18	0	LM71SX	LinStatic	4,791	-9,654	0	0	0
18	0,25806	LM71SX	LinStatic	4,791	-9,654	0	0	0
18	0	LM71DX	LinStatic	4,791	9,654	0	0	0
18	0,25806	LM71DX	LinStatic	4,791	9,654	0	0	0
18	0	STLM71	LinStatic	-23,131	55,765	0	0	0
18	0,25806	STLM71	LinStatic	-23,131	55,765	0	0	0
18	0	AVVLM71	LinStatic	-1,863E-09	87,127	0	0	0
18	0,25806	AVVLM71	LinStatic	-1,863E-09	87,127	0	0	0
18	0	SW2	LinStatic	3,77	5,821E-11	0	0	0
18	0,25806	SW2	LinStatic	3,77	5,821E-11	0	0	0
18	0	STSW2	LinStatic	-39,414	95,022	0	0	0
18	0,25806	STSW2	LinStatic	-39,414	95,022	0	0	0
18	0	INCRTER	LinStatic	-175,759	423,727	0	0	0
18	0,25806	INCRTER	LinStatic	-175,759	423,727	0	0	0
18	0	LM71SISO	LinStatic	-6,985E-10	28,396	0	0	0
18	0,25806	LM71SISO	LinStatic	-6,985E-10	28,396	0	0	0
18	0	SW2SISO	LinStatic	-6,985E-10	24,81	0	0	0
18	0,25806	SW2SISO	LinStatic	-6,985E-10	24,81	0	0	0
18	0	SISMAO	LinStatic	-7,451E-09	217,646	0	0	0
18	0,25806	SISMAO	LinStatic	-7,451E-09	217,646	0	0	0
18	0	LM71SVA	LinStatic	-0,134	-3,638E-12	0	0	0
18	0,25806	LM71SVA	LinStatic	-0,134	-3,638E-12	0	0	0
18	0	SW2SVA	LinStatic	-0,117	-3,638E-12	0	0	0
18	0,25806	SW2SVA	LinStatic	-0,117	-3,638E-12	0	0	0
18	0	SISMAVA	LinStatic	2,49	-2,91E-11	0	0	0
18	0,25806	SISMAVA	LinStatic	2,49	-2,91E-11	0	0	0
18	0	LM71SVB	LinStatic	0,134	3,638E-12	0	0	0
18	0,25806	LM71SVB	LinStatic	0,134	3,638E-12	0	0	0
18	0	SW2SVB	LinStatic	0,117	3,638E-12	0	0	0
18	0,25806	SW2SVB	LinStatic	0,117	3,638E-12	0	0	0
18	0	SISMAVB	LinStatic	-2,49	2,91E-11	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
18	0,25806	SISMAVB	LinStatic	-2,49	2,91E-11	0	0	0
19	0	PP	LinStatic	-18,796	-21,1	0	0	0
19	0,25806	PP	LinStatic	-18,796	-14,65	0	0	0
19	0	REINTSUP	LinStatic	1,467	-4,048	0	0	0
19	0,25806	REINTSUP	LinStatic	1,467	-4,048	0	0	0
19	0	BALLAST	LinStatic	1,294	-3,572	0	0	0
19	0,25806	BALLAST	LinStatic	1,294	-3,572	0	0	0
19	0	STERRASX	LinStatic	-162,305	269,347	0	0	0
19	0,25806	STERRASX	LinStatic	-162,305	269,347	0	0	0
19	0	STERRADX	LinStatic	-194,734	-269,805	0	0	0
19	0,25806	STERRADX	LinStatic	-194,734	-269,805	0	0	0
19	0	TERMP	LinStatic	1,739	0,014	0	0	0
19	0,25806	TERMP	LinStatic	1,739	0,014	0	0	0
19	0	TERMN	LinStatic	-5,216	-0,041	0	0	0
19	0,25806	TERMN	LinStatic	-5,216	-0,041	0	0	0
19	0	GRADTP	LinStatic	-8,744	-0,025	0	0	0
19	0,25806	GRADTP	LinStatic	-8,744	-0,025	0	0	0
19	0	GRADTN	LinStatic	8,744	0,025	0	0	0
19	0,25806	GRADTN	LinStatic	8,744	0,025	0	0	0
19	0	LM71C	LinStatic	5,814	-10,28	0	0	0
19	0,25806	LM71C	LinStatic	5,814	-10,28	0	0	0
19	0	LM71SX	LinStatic	4,791	-19,832	0	0	0
19	0,25806	LM71SX	LinStatic	4,791	-19,832	0	0	0
19	0	LM71DX	LinStatic	4,791	-0,734	0	0	0
19	0,25806	LM71DX	LinStatic	4,791	-0,734	0	0	0
19	0	STLM71	LinStatic	-20,505	55,486	0	0	0
19	0,25806	STLM71	LinStatic	-20,505	55,486	0	0	0
19	0	AVVLM71	LinStatic	2,32	86,695	0	0	0
19	0,25806	AVVLM71	LinStatic	2,32	86,695	0	0	0
19	0	SW2	LinStatic	3,77	-10,405	0	0	0
19	0,25806	SW2	LinStatic	3,77	-10,405	0	0	0
19	0	STSW2	LinStatic	-34,939	94,548	0	0	0
19	0,25806	STSW2	LinStatic	-34,939	94,548	0	0	0
19	0	INCRTER	LinStatic	-155,804	421,613	0	0	0
19	0,25806	INCRTER	LinStatic	-155,804	421,613	0	0	0
19	0	LM71SISO	LinStatic	0,756	28,255	0	0	0
19	0,25806	LM71SISO	LinStatic	0,756	28,255	0	0	0
19	0	SW2SISO	LinStatic	0,661	24,687	0	0	0
19	0,25806	SW2SISO	LinStatic	0,661	24,687	0	0	0
19	0	SISMAO	LinStatic	7,326	216,611	0	0	0
19	0,25806	SISMAO	LinStatic	7,326	216,611	0	0	0
19	0	LM71SVA	LinStatic	-0,134	0,37	0	0	0
19	0,25806	LM71SVA	LinStatic	-0,134	0,37	0	0	0
19	0	SW2SVA	LinStatic	-0,117	0,322	0	0	0
19	0,25806	SW2SVA	LinStatic	-0,117	0,322	0	0	0
19	0	SISMAVA	LinStatic	2,49	3,954	0	0	0
19	0,25806	SISMAVA	LinStatic	2,49	3,954	0	0	0
19	0	LM71SVB	LinStatic	0,134	-0,37	0	0	0
19	0,25806	LM71SVB	LinStatic	0,134	-0,37	0	0	0
19	0	SW2SVB	LinStatic	0,117	-0,322	0	0	0
19	0,25806	SW2SVB	LinStatic	0,117	-0,322	0	0	0
19	0	SISMAVB	LinStatic	-2,49	-3,954	0	0	0
19	0,25806	SISMAVB	LinStatic	-2,49	-3,954	0	0	0
20	0	PP	LinStatic	-18,796	-38,991	0	0	0
20	0,25806	PP	LinStatic	-18,796	-32,541	0	0	0
20	0	REINTSUP	LinStatic	1,467	-8,099	0	0	0
20	0,25806	REINTSUP	LinStatic	1,467	-8,099	0	0	0
20	0	BALLAST	LinStatic	1,294	-7,146	0	0	0
20	0,25806	BALLAST	LinStatic	1,294	-7,146	0	0	0
20	0	STERRASX	LinStatic	-146,091	265,702	0	0	0
20	0,25806	STERRASX	LinStatic	-146,091	265,702	0	0	0
20	0	STERRADX	LinStatic	-210,948	-266,609	0	0	0
20	0,25806	STERRADX	LinStatic	-210,948	-266,609	0	0	0
20	0	TERMP	LinStatic	1,739	0,027	0	0	0
20	0,25806	TERMP	LinStatic	1,739	0,027	0	0	0
20	0	TERMN	LinStatic	-5,216	-0,081	0	0	0
20	0,25806	TERMN	LinStatic	-5,216	-0,081	0	0	0
20	0	GRADTP	LinStatic	-8,744	-0,05	0	0	0
20	0,25806	GRADTP	LinStatic	-8,744	-0,05	0	0	0
20	0	GRADTN	LinStatic	8,744	0,05	0	0	0
20	0,25806	GRADTN	LinStatic	8,744	0,05	0	0	0
20	0	LM71C	LinStatic	5,814	-20,57	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	0,25806	LM71C	LinStatic	5,814	-20,57	0	0	0
20	0	LM71SX	LinStatic	4,791	-29,81	0	0	0
20	0,25806	LM71SX	LinStatic	4,791	-29,81	0	0	0
20	0	LM71DX	LinStatic	4,791	-11,342	0	0	0
20	0,25806	LM71DX	LinStatic	4,791	-11,342	0	0	0
20	0	STLM71	LinStatic	-17,878	54,721	0	0	0
20	0,25806	STLM71	LinStatic	-17,878	54,721	0	0	0
20	0	AVVLM71	LinStatic	4,64	85,399	0	0	0
20	0,25806	AVVLM71	LinStatic	4,64	85,399	0	0	0
20	0	SW2	LinStatic	3,77	-20,819	0	0	0
20	0,25806	SW2	LinStatic	3,77	-20,819	0	0	0
20	0	STSW2	LinStatic	-30,464	93,244	0	0	0
20	0,25806	STSW2	LinStatic	-30,464	93,244	0	0	0
20	0	INCRTER	LinStatic	-135,848	415,799	0	0	0
20	0,25806	INCRTER	LinStatic	-135,848	415,799	0	0	0
20	0	LM71SISO	LinStatic	1,512	27,833	0	0	0
20	0,25806	LM71SISO	LinStatic	1,512	27,833	0	0	0
20	0	SW2SISO	LinStatic	1,321	24,318	0	0	0
20	0,25806	SW2SISO	LinStatic	1,321	24,318	0	0	0
20	0	SISMAO	LinStatic	14,652	213,506	0	0	0
20	0,25806	SISMAO	LinStatic	14,652	213,506	0	0	0
20	0	LM71SVA	LinStatic	-0,134	0,739	0	0	0
20	0,25806	LM71SVA	LinStatic	-0,134	0,739	0	0	0
20	0	SW2SVA	LinStatic	-0,117	0,645	0	0	0
20	0,25806	SW2SVA	LinStatic	-0,117	0,645	0	0	0
20	0	SISMAVA	LinStatic	2,49	7,912	0	0	0
20	0,25806	SISMAVA	LinStatic	2,49	7,912	0	0	0
20	0	LM71SVB	LinStatic	0,134	-0,739	0	0	0
20	0,25806	LM71SVB	LinStatic	0,134	-0,739	0	0	0
20	0	SW2SVB	LinStatic	0,117	-0,645	0	0	0
20	0,25806	SW2SVB	LinStatic	0,117	-0,645	0	0	0
20	0	SISMAVB	LinStatic	-2,49	-7,912	0	0	0
20	0,25806	SISMAVB	LinStatic	-2,49	-7,912	0	0	0
21	0	PP	LinStatic	-18,796	-56,911	0	0	0
21	0,25806	PP	LinStatic	-18,796	-50,462	0	0	0
21	0	REINTSUP	LinStatic	1,467	-12,158	0	0	0
21	0,25806	REINTSUP	LinStatic	1,467	-12,158	0	0	0
21	0	BALLAST	LinStatic	1,294	-10,728	0	0	0
21	0,25806	BALLAST	LinStatic	1,294	-10,728	0	0	0
21	0	STERRASX	LinStatic	-129,878	259,783	0	0	0
21	0,25806	STERRASX	LinStatic	-129,878	259,783	0	0	0
21	0	STERRADX	LinStatic	-227,163	-261,12	0	0	0
21	0,25806	STERRADX	LinStatic	-227,163	-261,12	0	0	0
21	0	TERMP	LinStatic	1,739	0,04	0	0	0
21	0,25806	TERMP	LinStatic	1,739	0,04	0	0	0
21	0	TERMN	LinStatic	-5,216	-0,119	0	0	0
21	0,25806	TERMN	LinStatic	-5,216	-0,119	0	0	0
21	0	GRADTP	LinStatic	-8,744	-0,074	0	0	0
21	0,25806	GRADTP	LinStatic	-8,744	-0,074	0	0	0
21	0	GRADTN	LinStatic	8,744	0,074	0	0	0
21	0,25806	GRADTN	LinStatic	8,744	0,074	0	0	0
21	0	LM71C	LinStatic	5,814	-30,88	0	0	0
21	0,25806	LM71C	LinStatic	5,814	-30,88	0	0	0
21	0	LM71SX	LinStatic	4,791	-39,596	0	0	0
21	0,25806	LM71SX	LinStatic	4,791	-39,596	0	0	0
21	0	LM71DX	LinStatic	4,791	-22,181	0	0	0
21	0,25806	LM71DX	LinStatic	4,791	-22,181	0	0	0
21	0	STLM71	LinStatic	-15,252	53,469	0	0	0
21	0,25806	STLM71	LinStatic	-15,252	53,469	0	0	0
21	0	AVVLM71	LinStatic	6,96	83,238	0	0	0
21	0,25806	AVVLM71	LinStatic	6,96	83,238	0	0	0
21	0	SW2	LinStatic	3,77	-31,253	0	0	0
21	0,25806	SW2	LinStatic	3,77	-31,253	0	0	0
21	0	STSW2	LinStatic	-25,989	91,111	0	0	0
21	0,25806	STSW2	LinStatic	-25,989	91,111	0	0	0
21	0	INCRTER	LinStatic	-115,893	406,286	0	0	0
21	0,25806	INCRTER	LinStatic	-115,893	406,286	0	0	0
21	0	LM71SISO	LinStatic	2,268	27,129	0	0	0
21	0,25806	LM71SISO	LinStatic	2,268	27,129	0	0	0
21	0	SW2SISO	LinStatic	1,982	23,703	0	0	0
21	0,25806	SW2SISO	LinStatic	1,982	23,703	0	0	0
21	0	SISMAO	LinStatic	21,978	208,327	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
21	0,25806	SISMAO	LinStatic	21,978	208,327	0	0	0
21	0	LM71SVA	LinStatic	-0,134	1,11	0	0	0
21	0,25806	LM71SVA	LinStatic	-0,134	1,11	0	0	0
21	0	SW2SVA	LinStatic	-0,117	0,968	0	0	0
21	0,25806	SW2SVA	LinStatic	-0,117	0,968	0	0	0
21	0	SISMAVA	LinStatic	2,49	11,876	0	0	0
21	0,25806	SISMAVA	LinStatic	2,49	11,876	0	0	0
21	0	LM71SVB	LinStatic	0,134	-1,11	0	0	0
21	0,25806	LM71SVB	LinStatic	0,134	-1,11	0	0	0
21	0	SW2SVB	LinStatic	0,117	-0,968	0	0	0
21	0,25806	SW2SVB	LinStatic	0,117	-0,968	0	0	0
21	0	SISMAVB	LinStatic	-2,49	-11,876	0	0	0
21	0,25806	SISMAVB	LinStatic	-2,49	-11,876	0	0	0
22	0	PP	LinStatic	-18,796	-74,877	0	0	0
22	0,25806	PP	LinStatic	-18,796	-68,427	0	0	0
22	0	REINTSUP	LinStatic	1,467	-16,229	0	0	0
22	0,25806	REINTSUP	LinStatic	1,467	-16,229	0	0	0
22	0	BALLAST	LinStatic	1,294	-14,319	0	0	0
22	0,25806	BALLAST	LinStatic	1,294	-14,319	0	0	0
22	0	STERRASX	LinStatic	-113,664	251,589	0	0	0
22	0,25806	STERRASX	LinStatic	-113,664	251,589	0	0	0
22	0	STERRADX	LinStatic	-243,378	-253,328	0	0	0
22	0,25806	STERRADX	LinStatic	-243,378	-253,328	0	0	0
22	0	TERMP	LinStatic	1,739	0,052	0	0	0
22	0,25806	TERMP	LinStatic	1,739	0,052	0	0	0
22	0	TERMN	LinStatic	-5,216	-0,155	0	0	0
22	0,25806	TERMN	LinStatic	-5,216	-0,155	0	0	0
22	0	GRADTP	LinStatic	-8,744	-0,096	0	0	0
22	0,25806	GRADTP	LinStatic	-8,744	-0,096	0	0	0
22	0	GRADTN	LinStatic	8,744	0,096	0	0	0
22	0,25806	GRADTN	LinStatic	8,744	0,096	0	0	0
22	0	LM71C	LinStatic	5,814	-41,218	0	0	0
22	0,25806	LM71C	LinStatic	5,814	-41,218	0	0	0
22	0	LM71SX	LinStatic	4,791	-49,2	0	0	0
22	0,25806	LM71SX	LinStatic	4,791	-49,2	0	0	0
22	0	LM71DX	LinStatic	4,791	-33,259	0	0	0
22	0,25806	LM71DX	LinStatic	4,791	-33,259	0	0	0
22	0	STLM71	LinStatic	-12,626	51,73	0	0	0
22	0,25806	STLM71	LinStatic	-12,626	51,73	0	0	0
22	0	AVVLM71	LinStatic	9,28	80,211	0	0	0
22	0,25806	AVVLM71	LinStatic	9,28	80,211	0	0	0
22	0	SW2	LinStatic	3,77	-41,715	0	0	0
22	0,25806	SW2	LinStatic	3,77	-41,715	0	0	0
22	0	STSW2	LinStatic	-21,514	88,147	0	0	0
22	0,25806	STSW2	LinStatic	-21,514	88,147	0	0	0
22	0	INCRTER	LinStatic	-95,938	393,07	0	0	0
22	0,25806	INCRTER	LinStatic	-95,938	393,07	0	0	0
22	0	LM71SISO	LinStatic	3,024	26,142	0	0	0
22	0,25806	LM71SISO	LinStatic	3,024	26,142	0	0	0
22	0	SW2SISO	LinStatic	2,642	22,841	0	0	0
22	0,25806	SW2SISO	LinStatic	2,642	22,841	0	0	0
22	0	SISMAO	LinStatic	29,304	201,071	0	0	0
22	0,25806	SISMAO	LinStatic	29,304	201,071	0	0	0
22	0	LM71SVA	LinStatic	-0,134	1,482	0	0	0
22	0,25806	LM71SVA	LinStatic	-0,134	1,482	0	0	0
22	0	SW2SVA	LinStatic	-0,117	1,293	0	0	0
22	0,25806	SW2SVA	LinStatic	-0,117	1,293	0	0	0
22	0	SISMAVA	LinStatic	2,49	15,851	0	0	0
22	0,25806	SISMAVA	LinStatic	2,49	15,851	0	0	0
22	0	LM71SVB	LinStatic	0,134	-1,482	0	0	0
22	0,25806	LM71SVB	LinStatic	0,134	-1,482	0	0	0
22	0	SW2SVB	LinStatic	0,117	-1,293	0	0	0
22	0,25806	SW2SVB	LinStatic	0,117	-1,293	0	0	0
22	0	SISMAVB	LinStatic	-2,49	-15,851	0	0	0
22	0,25806	SISMAVB	LinStatic	-2,49	-15,851	0	0	0
23	0	PP	LinStatic	-18,796	-92,902	0	0	0
23	0,25806	PP	LinStatic	-18,796	-86,452	0	0	0
23	0	REINTSUP	LinStatic	1,467	-20,314	0	0	0
23	0,25806	REINTSUP	LinStatic	1,467	-20,314	0	0	0
23	0	BALLAST	LinStatic	1,294	-17,924	0	0	0
23	0,25806	BALLAST	LinStatic	1,294	-17,924	0	0	0
23	0	STERRASX	LinStatic	-97,451	241,116	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	0,25806	STERRASX	LinStatic	-97,451	241,116	0	0	0
23	0	STERRADX	LinStatic	-259,593	-243,22	0	0	0
23	0,25806	STERRADX	LinStatic	-259,593	-243,22	0	0	0
23	0	TERMP	LinStatic	1,739	0,062	0	0	0
23	0,25806	TERMP	LinStatic	1,739	0,062	0	0	0
23	0	TERMN	LinStatic	-5,216	-0,187	0	0	0
23	0,25806	TERMN	LinStatic	-5,216	-0,187	0	0	0
23	0	GRADTP	LinStatic	-8,744	-0,116	0	0	0
23	0,25806	GRADTP	LinStatic	-8,744	-0,116	0	0	0
23	0	GRADTN	LinStatic	8,744	0,116	0	0	0
23	0,25806	GRADTN	LinStatic	8,744	0,116	0	0	0
23	0	LM71C	LinStatic	5,814	-51,594	0	0	0
23	0,25806	LM71C	LinStatic	5,814	-51,594	0	0	0
23	0	LM71SX	LinStatic	4,791	-58,631	0	0	0
23	0,25806	LM71SX	LinStatic	4,791	-58,631	0	0	0
23	0	LM71DX	LinStatic	4,791	-44,585	0	0	0
23	0,25806	LM71DX	LinStatic	4,791	-44,585	0	0	0
23	0	STLM71	LinStatic	-10	49,503	0	0	0
23	0,25806	STLM71	LinStatic	-10	49,503	0	0	0
23	0	AVVLM71	LinStatic	11,599	76,313	0	0	0
23	0,25806	AVVLM71	LinStatic	11,599	76,313	0	0	0
23	0	SW2	LinStatic	3,77	-52,216	0	0	0
23	0,25806	SW2	LinStatic	3,77	-52,216	0	0	0
23	0	STSW2	LinStatic	-17,039	84,352	0	0	0
23	0,25806	STSW2	LinStatic	-17,039	84,352	0	0	0
23	0	INCRTER	LinStatic	-75,983	376,145	0	0	0
23	0,25806	INCRTER	LinStatic	-75,983	376,145	0	0	0
23	0	LM71SISO	LinStatic	3,78	24,872	0	0	0
23	0,25806	LM71SISO	LinStatic	3,78	24,872	0	0	0
23	0	SW2SISO	LinStatic	3,303	21,731	0	0	0
23	0,25806	SW2SISO	LinStatic	3,303	21,731	0	0	0
23	0	SISMAO	LinStatic	36,631	191,731	0	0	0
23	0,25806	SISMAO	LinStatic	36,631	191,731	0	0	0
23	0	LM71SVA	LinStatic	-0,134	1,855	0	0	0
23	0,25806	LM71SVA	LinStatic	-0,134	1,855	0	0	0
23	0	SW2SVA	LinStatic	-0,117	1,618	0	0	0
23	0,25806	SW2SVA	LinStatic	-0,117	1,618	0	0	0
23	0	SISMAVA	LinStatic	2,49	19,839	0	0	0
23	0,25806	SISMAVA	LinStatic	2,49	19,839	0	0	0
23	0	LM71SVB	LinStatic	0,134	-1,855	0	0	0
23	0,25806	LM71SVB	LinStatic	0,134	-1,855	0	0	0
23	0	SW2SVB	LinStatic	0,117	-1,618	0	0	0
23	0,25806	SW2SVB	LinStatic	0,117	-1,618	0	0	0
23	0	SISMAVB	LinStatic	-2,49	-19,839	0	0	0
23	0,25806	SISMAVB	LinStatic	-2,49	-19,839	0	0	0
24	0	PP	LinStatic	-18,796	-111	0	0	0
24	0,25806	PP	LinStatic	-18,796	-104,55	0	0	0
24	0	REINTSUP	LinStatic	1,467	-24,417	0	0	0
24	0,25806	REINTSUP	LinStatic	1,467	-24,417	0	0	0
24	0	BALLAST	LinStatic	1,294	-21,545	0	0	0
24	0,25806	BALLAST	LinStatic	1,294	-21,545	0	0	0
24	0	STERRASX	LinStatic	-81,237	228,359	0	0	0
24	0,25806	STERRASX	LinStatic	-81,237	228,359	0	0	0
24	0	STERRADX	LinStatic	-275,808	-230,783	0	0	0
24	0,25806	STERRADX	LinStatic	-275,808	-230,783	0	0	0
24	0	TERMP	LinStatic	1,739	0,072	0	0	0
24	0,25806	TERMP	LinStatic	1,739	0,072	0	0	0
24	0	TERMN	LinStatic	-5,216	-0,216	0	0	0
24	0,25806	TERMN	LinStatic	-5,216	-0,216	0	0	0
24	0	GRADTP	LinStatic	-8,745	-0,134	0	0	0
24	0,25806	GRADTP	LinStatic	-8,745	-0,134	0	0	0
24	0	GRADTN	LinStatic	8,745	0,134	0	0	0
24	0,25806	GRADTN	LinStatic	8,745	0,134	0	0	0
24	0	LM71C	LinStatic	5,814	-62,018	0	0	0
24	0,25806	LM71C	LinStatic	5,814	-62,018	0	0	0
24	0	LM71SX	LinStatic	4,791	-67,897	0	0	0
24	0,25806	LM71SX	LinStatic	4,791	-67,897	0	0	0
24	0	LM71DX	LinStatic	4,791	-56,17	0	0	0
24	0,25806	LM71DX	LinStatic	4,791	-56,17	0	0	0
24	0	STLM71	LinStatic	-7,374	46,786	0	0	0
24	0,25806	STLM71	LinStatic	-7,374	46,786	0	0	0
24	0	AVVLM71	LinStatic	13,919	71,544	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	0,25806	AVVLM71	LinStatic	13,919	71,544	0	0	0
24	0	SW2	LinStatic	3,77	-62,764	0	0	0
24	0,25806	SW2	LinStatic	3,77	-62,764	0	0	0
24	0	STSW2	LinStatic	-12,564	79,722	0	0	0
24	0,25806	STSW2	LinStatic	-12,564	79,722	0	0	0
24	0	INCRTER	LinStatic	-56,028	355,501	0	0	0
24	0,25806	INCRTER	LinStatic	-56,028	355,501	0	0	0
24	0	LM71SISO	LinStatic	4,537	23,317	0	0	0
24	0,25806	LM71SISO	LinStatic	4,537	23,317	0	0	0
24	0	SW2SISO	LinStatic	3,964	20,373	0	0	0
24	0,25806	SW2SISO	LinStatic	3,964	20,373	0	0	0
24	0	SISMAO	LinStatic	43,957	180,3	0	0	0
24	0,25806	SISMAO	LinStatic	43,957	180,3	0	0	0
24	0	LM71SVA	LinStatic	-0,134	2,229	0	0	0
24	0,25806	LM71SVA	LinStatic	-0,134	2,229	0	0	0
24	0	SW2SVA	LinStatic	-0,117	1,945	0	0	0
24	0,25806	SW2SVA	LinStatic	-0,117	1,945	0	0	0
24	0	SISMAVA	LinStatic	2,49	23,844	0	0	0
24	0,25806	SISMAVA	LinStatic	2,49	23,844	0	0	0
24	0	LM71SVB	LinStatic	0,134	-2,229	0	0	0
24	0,25806	LM71SVB	LinStatic	0,134	-2,229	0	0	0
24	0	SW2SVB	LinStatic	0,117	-1,945	0	0	0
24	0,25806	SW2SVB	LinStatic	0,117	-1,945	0	0	0
24	0	SISMAVB	LinStatic	-2,49	-23,844	0	0	0
24	0,25806	SISMAVB	LinStatic	-2,49	-23,844	0	0	0
25	0	PP	LinStatic	-18,797	-129,184	0	0	0
25	0,25806	PP	LinStatic	-18,797	-122,735	0	0	0
25	0	REINTSUP	LinStatic	1,467	-28,542	0	0	0
25	0,25806	REINTSUP	LinStatic	1,467	-28,542	0	0	0
25	0	BALLAST	LinStatic	1,294	-25,184	0	0	0
25	0,25806	BALLAST	LinStatic	1,294	-25,184	0	0	0
25	0	STERRASX	LinStatic	-65,024	213,311	0	0	0
25	0,25806	STERRASX	LinStatic	-65,024	213,311	0	0	0
25	0	STERRADX	LinStatic	-292,024	-216	0	0	0
25	0,25806	STERRADX	LinStatic	-292,024	-216	0	0	0
25	0	TERMP	LinStatic	1,739	0,08	0	0	0
25	0,25806	TERMP	LinStatic	1,739	0,08	0	0	0
25	0	TERMN	LinStatic	-5,216	-0,239	0	0	0
25	0,25806	TERMN	LinStatic	-5,216	-0,239	0	0	0
25	0	GRADTP	LinStatic	-8,745	-0,148	0	0	0
25	0,25806	GRADTP	LinStatic	-8,745	-0,148	0	0	0
25	0	GRADTN	LinStatic	8,745	0,148	0	0	0
25	0,25806	GRADTN	LinStatic	8,745	0,148	0	0	0
25	0	LM71C	LinStatic	5,814	-72,497	0	0	0
25	0,25806	LM71C	LinStatic	5,814	-72,497	0	0	0
25	0	LM71SX	LinStatic	4,791	-77,007	0	0	0
25	0,25806	LM71SX	LinStatic	4,791	-77,007	0	0	0
25	0	LM71DX	LinStatic	4,791	-68,022	0	0	0
25	0,25806	LM71DX	LinStatic	4,791	-68,022	0	0	0
25	0	STLM71	LinStatic	-4,747	43,578	0	0	0
25	0,25806	STLM71	LinStatic	-4,747	43,578	0	0	0
25	0	AVVLM71	LinStatic	16,239	65,898	0	0	0
25	0,25806	AVVLM71	LinStatic	16,239	65,898	0	0	0
25	0	SW2	LinStatic	3,77	-73,367	0	0	0
25	0,25806	SW2	LinStatic	3,77	-73,367	0	0	0
25	0	STSW2	LinStatic	-8,09	74,256	0	0	0
25	0,25806	STSW2	LinStatic	-8,09	74,256	0	0	0
25	0	INCRTER	LinStatic	-36,073	331,125	0	0	0
25	0,25806	INCRTER	LinStatic	-36,073	331,125	0	0	0
25	0	LM71SISO	LinStatic	5,293	21,477	0	0	0
25	0,25806	LM71SISO	LinStatic	5,293	21,477	0	0	0
25	0	SW2SISO	LinStatic	4,624	18,765	0	0	0
25	0,25806	SW2SISO	LinStatic	4,624	18,765	0	0	0
25	0	SISMAO	LinStatic	51,283	166,767	0	0	0
25	0,25806	SISMAO	LinStatic	51,283	166,767	0	0	0
25	0	LM71SVA	LinStatic	-0,134	2,606	0	0	0
25	0,25806	LM71SVA	LinStatic	-0,134	2,606	0	0	0
25	0	SW2SVA	LinStatic	-0,117	2,274	0	0	0
25	0,25806	SW2SVA	LinStatic	-0,117	2,274	0	0	0
25	0	SISMAVA	LinStatic	2,49	27,868	0	0	0
25	0,25806	SISMAVA	LinStatic	2,49	27,868	0	0	0
25	0	LM71SVB	LinStatic	0,134	-2,606	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	0,25806	LM71SVB	LinStatic	0,134	-2,606	0	0	0
25	0	SW2SVB	LinStatic	0,117	-2,274	0	0	0
25	0,25806	SW2SVB	LinStatic	0,117	-2,274	0	0	0
25	0	SISMAVB	LinStatic	-2,49	-27,868	0	0	0
25	0,25806	SISMAVB	LinStatic	-2,49	-27,868	0	0	0
26	0	PP	LinStatic	-18,797	-147,467	0	0	0
26	0,25806	PP	LinStatic	-18,797	-141,017	0	0	0
26	0	REINTSUP	LinStatic	1,467	-32,692	0	0	0
26	0,25806	REINTSUP	LinStatic	1,467	-32,692	0	0	0
26	0	BALLAST	LinStatic	1,294	-28,846	0	0	0
26	0,25806	BALLAST	LinStatic	1,294	-28,846	0	0	0
26	0	STERRASX	LinStatic	-48,811	195,964	0	0	0
26	0,25806	STERRASX	LinStatic	-48,811	195,964	0	0	0
26	0	STERRADX	LinStatic	-308,24	-198,852	0	0	0
26	0,25806	STERRADX	LinStatic	-308,24	-198,852	0	0	0
26	0	TERMP	LinStatic	1,739	0,086	0	0	0
26	0,25806	TERMP	LinStatic	1,739	0,086	0	0	0
26	0	TERMN	LinStatic	-5,216	-0,257	0	0	0
26	0,25806	TERMN	LinStatic	-5,216	-0,257	0	0	0
26	0	GRADTP	LinStatic	-8,745	-0,159	0	0	0
26	0,25806	GRADTP	LinStatic	-8,745	-0,159	0	0	0
26	0	GRADTN	LinStatic	8,745	0,159	0	0	0
26	0,25806	GRADTN	LinStatic	8,745	0,159	0	0	0
26	0	LM71C	LinStatic	5,814	-83,04	0	0	0
26	0,25806	LM71C	LinStatic	5,814	-83,04	0	0	0
26	0	LM71SX	LinStatic	4,791	-85,968	0	0	0
26	0,25806	LM71SX	LinStatic	4,791	-85,968	0	0	0
26	0	LM71DX	LinStatic	4,791	-80,15	0	0	0
26	0,25806	LM71DX	LinStatic	4,791	-80,15	0	0	0
26	0	STLM71	LinStatic	-2,121	39,876	0	0	0
26	0,25806	STLM71	LinStatic	-2,121	39,876	0	0	0
26	0	AVVLM71	LinStatic	18,559	59,372	0	0	0
26	0,25806	AVVLM71	LinStatic	18,559	59,372	0	0	0
26	0	SW2	LinStatic	3,77	-84,034	0	0	0
26	0,25806	SW2	LinStatic	3,77	-84,034	0	0	0
26	0	STSW2	LinStatic	-3,615	67,949	0	0	0
26	0,25806	STSW2	LinStatic	-3,615	67,949	0	0	0
26	0	INCRTER	LinStatic	-16,118	303	0	0	0
26	0,25806	INCRTER	LinStatic	-16,118	303	0	0	0
26	0	LM71SISO	LinStatic	6,049	19,35	0	0	0
26	0,25806	LM71SISO	LinStatic	6,049	19,35	0	0	0
26	0	SW2SISO	LinStatic	5,285	16,907	0	0	0
26	0,25806	SW2SISO	LinStatic	5,285	16,907	0	0	0
26	0	SISMAO	LinStatic	58,609	151,122	0	0	0
26	0,25806	SISMAO	LinStatic	58,609	151,122	0	0	0
26	0	LM71SVA	LinStatic	-0,134	2,985	0	0	0
26	0,25806	LM71SVA	LinStatic	-0,134	2,985	0	0	0
26	0	SW2SVA	LinStatic	-0,117	2,604	0	0	0
26	0,25806	SW2SVA	LinStatic	-0,117	2,604	0	0	0
26	0	SISMAVA	LinStatic	2,49	31,915	0	0	0
26	0,25806	SISMAVA	LinStatic	2,49	31,915	0	0	0
26	0	LM71SVB	LinStatic	0,134	-2,985	0	0	0
26	0,25806	LM71SVB	LinStatic	0,134	-2,985	0	0	0
26	0	SW2SVB	LinStatic	0,117	-2,604	0	0	0
26	0,25806	SW2SVB	LinStatic	0,117	-2,604	0	0	0
26	0	SISMAVB	LinStatic	-2,49	-31,915	0	0	0
26	0,25806	SISMAVB	LinStatic	-2,49	-31,915	0	0	0
27	0	PP	LinStatic	-18,797	-165,859	0	0	0
27	0,25806	PP	LinStatic	-18,797	-159,41	0	0	0
27	0	REINTSUP	LinStatic	1,467	-36,869	0	0	0
27	0,25806	REINTSUP	LinStatic	1,467	-36,869	0	0	0
27	0	BALLAST	LinStatic	1,294	-32,532	0	0	0
27	0,25806	BALLAST	LinStatic	1,294	-32,532	0	0	0
27	0	STERRASX	LinStatic	-32,597	176,306	0	0	0
27	0,25806	STERRASX	LinStatic	-32,597	176,306	0	0	0
27	0	STERRADX	LinStatic	-324,456	-179,32	0	0	0
27	0,25806	STERRADX	LinStatic	-324,456	-179,32	0	0	0
27	0	TERMP	LinStatic	1,739	0,089	0	0	0
27	0,25806	TERMP	LinStatic	1,739	0,089	0	0	0
27	0	TERMN	LinStatic	-5,216	-0,268	0	0	0
27	0,25806	TERMN	LinStatic	-5,216	-0,268	0	0	0
27	0	GRADTP	LinStatic	-8,745	-0,166	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	0,25806	GRADTP	LinStatic	-8,745	-0,166	0	0	0
27	0	GRADTN	LinStatic	8,745	0,166	0	0	0
27	0,25806	GRADTN	LinStatic	8,745	0,166	0	0	0
27	0	LM71C	LinStatic	5,814	-93,654	0	0	0
27	0,25806	LM71C	LinStatic	5,814	-93,654	0	0	0
27	0	LM71SX	LinStatic	4,791	-94,786	0	0	0
27	0,25806	LM71SX	LinStatic	4,791	-94,786	0	0	0
27	0	LM71DX	LinStatic	4,791	-92,56	0	0	0
27	0,25806	LM71DX	LinStatic	4,791	-92,56	0	0	0
27	0	STLM71	LinStatic	0,505	35,679	0	0	0
27	0,25806	STLM71	LinStatic	0,505	35,679	0	0	0
27	0	AVVLM71	LinStatic	20,879	51,96	0	0	0
27	0,25806	AVVLM71	LinStatic	20,879	51,96	0	0	0
27	0	SW2	LinStatic	3,77	-94,771	0	0	0
27	0,25806	SW2	LinStatic	3,77	-94,771	0	0	0
27	0	STSW2	LinStatic	0,86	60,797	0	0	0
27	0,25806	STSW2	LinStatic	0,86	60,797	0	0	0
27	0	INCRTER	LinStatic	3,836	271,109	0	0	0
27	0,25806	INCRTER	LinStatic	3,836	271,109	0	0	0
27	0	LM71SISO	LinStatic	6,805	16,935	0	0	0
27	0,25806	LM71SISO	LinStatic	6,805	16,935	0	0	0
27	0	SW2SISO	LinStatic	5,946	14,796	0	0	0
27	0,25806	SW2SISO	LinStatic	5,946	14,796	0	0	0
27	0	SISMAO	LinStatic	65,936	133,353	0	0	0
27	0,25806	SISMAO	LinStatic	65,936	133,353	0	0	0
27	0	LM71SVA	LinStatic	-0,134	3,366	0	0	0
27	0,25806	LM71SVA	LinStatic	-0,134	3,366	0	0	0
27	0	SW2SVA	LinStatic	-0,117	2,937	0	0	0
27	0,25806	SW2SVA	LinStatic	-0,117	2,937	0	0	0
27	0	SISMAVA	LinStatic	2,49	35,987	0	0	0
27	0,25806	SISMAVA	LinStatic	2,49	35,987	0	0	0
27	0	LM71SVB	LinStatic	0,134	-3,366	0	0	0
27	0,25806	LM71SVB	LinStatic	0,134	-3,366	0	0	0
27	0	SW2SVB	LinStatic	0,117	-2,937	0	0	0
27	0,25806	SW2SVB	LinStatic	0,117	-2,937	0	0	0
27	0	SISMAVB	LinStatic	-2,49	-35,987	0	0	0
27	0,25806	SISMAVB	LinStatic	-2,49	-35,987	0	0	0
28	0	PP	LinStatic	-18,797	-184,371	0	0	0
28	0,25806	PP	LinStatic	-18,797	-177,921	0	0	0
28	0	REINTSUP	LinStatic	1,467	-41,077	0	0	0
28	0,25806	REINTSUP	LinStatic	1,467	-41,077	0	0	0
28	0	BALLAST	LinStatic	1,294	-36,244	0	0	0
28	0,25806	BALLAST	LinStatic	1,294	-36,244	0	0	0
28	0	STERRASX	LinStatic	-16,384	154,325	0	0	0
28	0,25806	STERRASX	LinStatic	-16,384	154,325	0	0	0
28	0	STERRADX	LinStatic	-340,673	-157,382	0	0	0
28	0,25806	STERRADX	LinStatic	-340,673	-157,382	0	0	0
28	0	TERMP	LinStatic	1,739	0,091	0	0	0
28	0,25806	TERMP	LinStatic	1,739	0,091	0	0	0
28	0	TERMN	LinStatic	-5,216	-0,272	0	0	0
28	0,25806	TERMN	LinStatic	-5,216	-0,272	0	0	0
28	0	GRADTP	LinStatic	-8,745	-0,169	0	0	0
28	0,25806	GRADTP	LinStatic	-8,745	-0,169	0	0	0
28	0	GRADTN	LinStatic	8,745	0,169	0	0	0
28	0,25806	GRADTN	LinStatic	8,745	0,169	0	0	0
28	0	LM71C	LinStatic	5,814	-104,346	0	0	0
28	0,25806	LM71C	LinStatic	5,814	-104,346	0	0	0
28	0	LM71SX	LinStatic	4,791	-103,469	0	0	0
28	0,25806	LM71SX	LinStatic	4,791	-103,469	0	0	0
28	0	LM71DX	LinStatic	4,791	-105,262	0	0	0
28	0,25806	LM71DX	LinStatic	4,791	-105,262	0	0	0
28	0	STLM71	LinStatic	3,131	30,984	0	0	0
28	0,25806	STLM71	LinStatic	3,131	30,984	0	0	0
28	0	AVVLM71	LinStatic	23,199	43,657	0	0	0
28	0,25806	AVVLM71	LinStatic	23,199	43,657	0	0	0
28	0	SW2	LinStatic	3,77	-105,587	0	0	0
28	0,25806	SW2	LinStatic	3,77	-105,587	0	0	0
28	0	STSW2	LinStatic	5,335	52,796	0	0	0
28	0,25806	STSW2	LinStatic	5,335	52,796	0	0	0
28	0	INCRTER	LinStatic	23,791	235,429	0	0	0
28	0,25806	INCRTER	LinStatic	23,791	235,429	0	0	0
28	0	LM71SISO	LinStatic	7,561	14,229	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	0,25806	LM71SISO	LinStatic	7,561	14,229	0	0	0
28	0	SW2SISO	LinStatic	6,606	12,432	0	0	0
28	0,25806	SW2SISO	LinStatic	6,606	12,432	0	0	0
28	0	SISMAO	LinStatic	73,262	113,447	0	0	0
28	0,25806	SISMAO	LinStatic	73,262	113,447	0	0	0
28	0	LM71SVA	LinStatic	-0,134	3,75	0	0	0
28	0,25806	LM71SVA	LinStatic	-0,134	3,75	0	0	0
28	0	SW2SVA	LinStatic	-0,117	3,272	0	0	0
28	0,25806	SW2SVA	LinStatic	-0,117	3,272	0	0	0
28	0	SISMAVA	LinStatic	2,49	40,087	0	0	0
28	0,25806	SISMAVA	LinStatic	2,49	40,087	0	0	0
28	0	LM71SVB	LinStatic	0,134	-3,75	0	0	0
28	0,25806	LM71SVB	LinStatic	0,134	-3,75	0	0	0
28	0	SW2SVB	LinStatic	0,117	-3,272	0	0	0
28	0,25806	SW2SVB	LinStatic	0,117	-3,272	0	0	0
28	0	SISMAVB	LinStatic	-2,49	-40,087	0	0	0
28	0,25806	SISMAVB	LinStatic	-2,49	-40,087	0	0	0
29	0	PP	LinStatic	-18,797	-203,011	0	0	0
29	0,25806	PP	LinStatic	-18,797	-196,562	0	0	0
29	0	REINTSUP	LinStatic	1,467	-45,317	0	0	0
29	0,25806	REINTSUP	LinStatic	1,467	-45,317	0	0	0
29	0	BALLAST	LinStatic	1,294	-39,986	0	0	0
29	0,25806	BALLAST	LinStatic	1,294	-39,986	0	0	0
29	0	STERRASX	LinStatic	-0,171	130,008	0	0	0
29	0,25806	STERRASX	LinStatic	-0,171	130,008	0	0	0
29	0	STERRADX	LinStatic	-356,889	-133,015	0	0	0
29	0,25806	STERRADX	LinStatic	-356,889	-133,015	0	0	0
29	0	TERMP	LinStatic	1,739	0,089	0	0	0
29	0,25806	TERMP	LinStatic	1,739	0,089	0	0	0
29	0	TERMN	LinStatic	-5,216	-0,267	0	0	0
29	0,25806	TERMN	LinStatic	-5,216	-0,267	0	0	0
29	0	GRADTP	LinStatic	-8,745	-0,166	0	0	0
29	0,25806	GRADTP	LinStatic	-8,745	-0,166	0	0	0
29	0	GRADTN	LinStatic	8,745	0,166	0	0	0
29	0,25806	GRADTN	LinStatic	8,745	0,166	0	0	0
29	0	LM71C	LinStatic	5,814	-115,121	0	0	0
29	0,25806	LM71C	LinStatic	5,814	-115,121	0	0	0
29	0	LM71SX	LinStatic	4,791	-112,021	0	0	0
29	0,25806	LM71SX	LinStatic	4,791	-112,021	0	0	0
29	0	LM71DX	LinStatic	4,791	-118,26	0	0	0
29	0,25806	LM71DX	LinStatic	4,791	-118,26	0	0	0
29	0	STLM71	LinStatic	5,757	25,786	0	0	0
29	0,25806	STLM71	LinStatic	5,757	25,786	0	0	0
29	0	AVVLM71	LinStatic	25,519	34,458	0	0	0
29	0,25806	AVVLM71	LinStatic	25,519	34,458	0	0	0
29	0	SW2	LinStatic	3,771	-116,486	0	0	0
29	0,25806	SW2	LinStatic	3,771	-116,486	0	0	0
29	0	STSW2	LinStatic	9,81	43,94	0	0	0
29	0,25806	STSW2	LinStatic	9,81	43,94	0	0	0
29	0	INCRTER	LinStatic	43,746	195,938	0	0	0
29	0,25806	INCRTER	LinStatic	43,746	195,938	0	0	0
29	0	LM71SISO	LinStatic	8,317	11,23	0	0	0
29	0,25806	LM71SISO	LinStatic	8,317	11,23	0	0	0
29	0	SW2SISO	LinStatic	7,267	9,812	0	0	0
29	0,25806	SW2SISO	LinStatic	7,267	9,812	0	0	0
29	0	SISMAO	LinStatic	80,589	91,387	0	0	0
29	0,25806	SISMAO	LinStatic	80,589	91,387	0	0	0
29	0	LM71SVA	LinStatic	-0,134	4,137	0	0	0
29	0,25806	LM71SVA	LinStatic	-0,134	4,137	0	0	0
29	0	SW2SVA	LinStatic	-0,117	3,61	0	0	0
29	0,25806	SW2SVA	LinStatic	-0,117	3,61	0	0	0
29	0	SISMAVA	LinStatic	2,49	44,216	0	0	0
29	0,25806	SISMAVA	LinStatic	2,49	44,216	0	0	0
29	0	LM71SVB	LinStatic	0,134	-4,137	0	0	0
29	0,25806	LM71SVB	LinStatic	0,134	-4,137	0	0	0
29	0	SW2SVB	LinStatic	0,117	-3,61	0	0	0
29	0,25806	SW2SVB	LinStatic	0,117	-3,61	0	0	0
29	0	SISMAVB	LinStatic	-2,49	-44,216	0	0	0
29	0,25806	SISMAVB	LinStatic	-2,49	-44,216	0	0	0
30	0	PP	LinStatic	-18,797	-221,787	0	0	0
30	0,25806	PP	LinStatic	-18,797	-215,338	0	0	0
30	0	REINTSUP	LinStatic	1,467	-49,592	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	0,25806	REINTSUP	LinStatic	1,467	-49,592	0	0	0
30	0	BALLAST	LinStatic	1,294	-43,757	0	0	0
30	0,25806	BALLAST	LinStatic	1,294	-43,757	0	0	0
30	0	STERRASX	LinStatic	16,042	103,338	0	0	0
30	0,25806	STERRASX	LinStatic	16,042	103,338	0	0	0
30	0	STERRADX	LinStatic	-373,107	-106,194	0	0	0
30	0,25806	STERRADX	LinStatic	-373,107	-106,194	0	0	0
30	0	TERMP	LinStatic	1,739	0,085	0	0	0
30	0,25806	TERMP	LinStatic	1,739	0,085	0	0	0
30	0	TERMN	LinStatic	-5,216	-0,254	0	0	0
30	0,25806	TERMN	LinStatic	-5,216	-0,254	0	0	0
30	0	GRADTP	LinStatic	-8,745	-0,157	0	0	0
30	0,25806	GRADTP	LinStatic	-8,745	-0,157	0	0	0
30	0	GRADTN	LinStatic	8,745	0,157	0	0	0
30	0,25806	GRADTN	LinStatic	8,745	0,157	0	0	0
30	0	LM71C	LinStatic	5,814	-125,986	0	0	0
30	0,25806	LM71C	LinStatic	5,814	-125,986	0	0	0
30	0	LM71SX	LinStatic	4,791	-120,447	0	0	0
30	0,25806	LM71SX	LinStatic	4,791	-120,447	0	0	0
30	0	LM71DX	LinStatic	4,791	-131,562	0	0	0
30	0,25806	LM71DX	LinStatic	4,791	-131,562	0	0	0
30	0	STLM71	LinStatic	8,383	20,084	0	0	0
30	0,25806	STLM71	LinStatic	8,383	20,084	0	0	0
30	0	AVVLM71	LinStatic	27,839	24,355	0	0	0
30	0,25806	AVVLM71	LinStatic	27,839	24,355	0	0	0
30	0	SW2	LinStatic	3,771	-127,473	0	0	0
30	0,25806	SW2	LinStatic	3,771	-127,473	0	0	0
30	0	STSW2	LinStatic	14,285	34,223	0	0	0
30	0,25806	STSW2	LinStatic	14,285	34,223	0	0	0
30	0	INCRTER	LinStatic	63,701	152,61	0	0	0
30	0,25806	INCRTER	LinStatic	63,701	152,61	0	0	0
30	0	LM71SISO	LinStatic	9,073	7,938	0	0	0
30	0,25806	LM71SISO	LinStatic	9,073	7,938	0	0	0
30	0	SW2SISO	LinStatic	7,928	6,935	0	0	0
30	0,25806	SW2SISO	LinStatic	7,928	6,935	0	0	0
30	0	SISMAO	LinStatic	87,915	67,16	0	0	0
30	0,25806	SISMAO	LinStatic	87,915	67,16	0	0	0
30	0	LM71SVA	LinStatic	-0,134	4,528	0	0	0
30	0,25806	LM71SVA	LinStatic	-0,134	4,528	0	0	0
30	0	SW2SVA	LinStatic	-0,117	3,95	0	0	0
30	0,25806	SW2SVA	LinStatic	-0,117	3,95	0	0	0
30	0	SISMAVA	LinStatic	2,49	48,376	0	0	0
30	0,25806	SISMAVA	LinStatic	2,49	48,376	0	0	0
30	0	LM71SVB	LinStatic	0,134	-4,528	0	0	0
30	0,25806	LM71SVB	LinStatic	0,134	-4,528	0	0	0
30	0	SW2SVB	LinStatic	0,117	-3,95	0	0	0
30	0,25806	SW2SVB	LinStatic	0,117	-3,95	0	0	0
30	0	SISMAVB	LinStatic	-2,49	-48,376	0	0	0
30	0,25806	SISMAVB	LinStatic	-2,49	-48,376	0	0	0
31	0	PP	LinStatic	-18,798	-240,704	0	0	0
31	0,25806	PP	LinStatic	-18,798	-234,255	0	0	0
31	0	REINTSUP	LinStatic	1,467	-53,902	0	0	0
31	0,25806	REINTSUP	LinStatic	1,467	-53,902	0	0	0
31	0	BALLAST	LinStatic	1,294	-47,561	0	0	0
31	0,25806	BALLAST	LinStatic	1,294	-47,561	0	0	0
31	0	STERRASX	LinStatic	32,255	74,3	0	0	0
31	0,25806	STERRASX	LinStatic	32,255	74,3	0	0	0
31	0	STERRADX	LinStatic	-389,324	-76,893	0	0	0
31	0,25806	STERRADX	LinStatic	-389,324	-76,893	0	0	0
31	0	TERMP	LinStatic	1,739	0,077	0	0	0
31	0,25806	TERMP	LinStatic	1,739	0,077	0	0	0
31	0	TERMN	LinStatic	-5,216	-0,231	0	0	0
31	0,25806	TERMN	LinStatic	-5,216	-0,231	0	0	0
31	0	GRADTP	LinStatic	-8,745	-0,143	0	0	0
31	0,25806	GRADTP	LinStatic	-8,745	-0,143	0	0	0
31	0	GRADTN	LinStatic	8,745	0,143	0	0	0
31	0,25806	GRADTN	LinStatic	8,745	0,143	0	0	0
31	0	LM71C	LinStatic	5,814	-136,944	0	0	0
31	0,25806	LM71C	LinStatic	5,814	-136,944	0	0	0
31	0	LM71SX	LinStatic	4,792	-128,751	0	0	0
31	0,25806	LM71SX	LinStatic	4,792	-128,751	0	0	0
31	0	LM71DX	LinStatic	4,792	-145,171	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	0,25806	LM71DX	LinStatic	4,792	-145,171	0	0	0
31	0	STLM71	LinStatic	11,01	13,873	0	0	0
31	0,25806	STLM71	LinStatic	11,01	13,873	0	0	0
31	0	AVVLM71	LinStatic	30,159	13,343	0	0	0
31	0,25806	AVVLM71	LinStatic	30,159	13,343	0	0	0
31	0	SW2	LinStatic	3,771	-138,554	0	0	0
31	0,25806	SW2	LinStatic	3,771	-138,554	0	0	0
31	0	STSW2	LinStatic	18,76	23,64	0	0	0
31	0,25806	STSW2	LinStatic	18,76	23,64	0	0	0
31	0	INCRTER	LinStatic	83,656	105,417	0	0	0
31	0,25806	INCRTER	LinStatic	83,656	105,417	0	0	0
31	0	LM71SISO	LinStatic	9,829	4,349	0	0	0
31	0,25806	LM71SISO	LinStatic	9,829	4,349	0	0	0
31	0	SW2SISO	LinStatic	8,588	3,8	0	0	0
31	0,25806	SW2SISO	LinStatic	8,588	3,8	0	0	0
31	0	SISMAO	LinStatic	95,242	40,748	0	0	0
31	0,25806	SISMAO	LinStatic	95,242	40,748	0	0	0
31	0	LM71SVA	LinStatic	-0,134	4,921	0	0	0
31	0,25806	LM71SVA	LinStatic	-0,134	4,921	0	0	0
31	0	SW2SVA	LinStatic	-0,117	4,294	0	0	0
31	0,25806	SW2SVA	LinStatic	-0,117	4,294	0	0	0
31	0	SISMAVA	LinStatic	2,49	52,568	0	0	0
31	0,25806	SISMAVA	LinStatic	2,49	52,568	0	0	0
31	0	LM71SVB	LinStatic	0,134	-4,921	0	0	0
31	0,25806	LM71SVB	LinStatic	0,134	-4,921	0	0	0
31	0	SW2SVB	LinStatic	0,117	-4,294	0	0	0
31	0,25806	SW2SVB	LinStatic	0,117	-4,294	0	0	0
31	0	SISMAVB	LinStatic	-2,49	-52,568	0	0	0
31	0,25806	SISMAVB	LinStatic	-2,49	-52,568	0	0	0
32	0	PP	LinStatic	-18,798	-259,767	0	0	0
32	0,25806	PP	LinStatic	-18,798	-253,317	0	0	0
32	0	REINTSUP	LinStatic	1,467	-58,251	0	0	0
32	0,25806	REINTSUP	LinStatic	1,467	-58,251	0	0	0
32	0	BALLAST	LinStatic	1,294	-51,398	0	0	0
32	0,25806	BALLAST	LinStatic	1,294	-51,398	0	0	0
32	0	STERRASX	LinStatic	48,469	42,878	0	0	0
32	0,25806	STERRASX	LinStatic	48,469	42,878	0	0	0
32	0	STERRADX	LinStatic	-405,542	-45,087	0	0	0
32	0,25806	STERRADX	LinStatic	-405,542	-45,087	0	0	0
32	0	TERMP	LinStatic	1,739	0,065	0	0	0
32	0,25806	TERMP	LinStatic	1,739	0,065	0	0	0
32	0	TERMN	LinStatic	-5,216	-0,196	0	0	0
32	0,25806	TERMN	LinStatic	-5,216	-0,196	0	0	0
32	0	GRADTP	LinStatic	-8,745	-0,122	0	0	0
32	0,25806	GRADTP	LinStatic	-8,745	-0,122	0	0	0
32	0	GRADTN	LinStatic	8,745	0,122	0	0	0
32	0,25806	GRADTN	LinStatic	8,745	0,122	0	0	0
32	0	LM71C	LinStatic	5,814	-147,999	0	0	0
32	0,25806	LM71C	LinStatic	5,814	-147,999	0	0	0
32	0	LM71SX	LinStatic	4,792	-136,936	0	0	0
32	0,25806	LM71SX	LinStatic	4,792	-136,936	0	0	0
32	0	LM71DX	LinStatic	4,792	-159,091	0	0	0
32	0,25806	LM71DX	LinStatic	4,792	-159,091	0	0	0
32	0	STLM71	LinStatic	13,636	7,15	0	0	0
32	0,25806	STLM71	LinStatic	13,636	7,15	0	0	0
32	0	AVVLM71	LinStatic	32,479	1,415	0	0	0
32	0,25806	AVVLM71	LinStatic	32,479	1,415	0	0	0
32	0	SW2	LinStatic	3,771	-149,731	0	0	0
32	0,25806	SW2	LinStatic	3,771	-149,731	0	0	0
32	0	STSW2	LinStatic	23,235	12,184	0	0	0
32	0,25806	STSW2	LinStatic	23,235	12,184	0	0	0
32	0	INCRTER	LinStatic	103,611	54,332	0	0	0
32	0,25806	INCRTER	LinStatic	103,611	54,332	0	0	0
32	0	LM71SISO	LinStatic	10,586	0,461	0	0	0
32	0,25806	LM71SISO	LinStatic	10,586	0,461	0	0	0
32	0	SW2SISO	LinStatic	9,249	0,403	0	0	0
32	0,25806	SW2SISO	LinStatic	9,249	0,403	0	0	0
32	0	SISMAO	LinStatic	102,569	12,134	0	0	0
32	0,25806	SISMAO	LinStatic	102,569	12,134	0	0	0
32	0	LM71SVA	LinStatic	-0,134	5,318	0	0	0
32	0,25806	LM71SVA	LinStatic	-0,134	5,318	0	0	0
32	0	SW2SVA	LinStatic	-0,117	4,64	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	0,25806	SW2SVA	LinStatic	-0,117	4,64	0	0	0
32	0	SISMAVA	LinStatic	2,49	56,794	0	0	0
32	0,25806	SISMAVA	LinStatic	2,49	56,794	0	0	0
32	0	LM71SVB	LinStatic	0,134	-5,318	0	0	0
32	0,25806	LM71SVB	LinStatic	0,134	-5,318	0	0	0
32	0	SW2SVB	LinStatic	0,117	-4,64	0	0	0
32	0,25806	SW2SVB	LinStatic	0,117	-4,64	0	0	0
32	0	SISMAVB	LinStatic	-2,49	-56,794	0	0	0
32	0,25806	SISMAVB	LinStatic	-2,49	-56,794	0	0	0
33	0	PP	LinStatic	-18,798	-278,977	0	0	0
33	0,25806	PP	LinStatic	-18,798	-272,527	0	0	0
33	0	REINTSUP	LinStatic	1,467	-62,637	0	0	0
33	0,25806	REINTSUP	LinStatic	1,467	-62,637	0	0	0
33	0	BALLAST	LinStatic	1,294	-55,268	0	0	0
33	0,25806	BALLAST	LinStatic	1,294	-55,268	0	0	0
33	0	STERRASX	LinStatic	64,682	9,052	0	0	0
33	0,25806	STERRASX	LinStatic	64,682	9,052	0	0	0
33	0	STERRADX	LinStatic	-421,761	-10,747	0	0	0
33	0,25806	STERRADX	LinStatic	-421,761	-10,747	0	0	0
33	0	TERMP	LinStatic	1,739	0,05	0	0	0
33	0,25806	TERMP	LinStatic	1,739	0,05	0	0	0
33	0	TERMN	LinStatic	-5,216	-0,151	0	0	0
33	0,25806	TERMN	LinStatic	-5,216	-0,151	0	0	0
33	0	GRADTP	LinStatic	-8,745	-0,093	0	0	0
33	0,25806	GRADTP	LinStatic	-8,745	-0,093	0	0	0
33	0	GRADTN	LinStatic	8,745	0,093	0	0	0
33	0,25806	GRADTN	LinStatic	8,745	0,093	0	0	0
33	0	LM71C	LinStatic	5,815	-159,153	0	0	0
33	0,25806	LM71C	LinStatic	5,815	-159,153	0	0	0
33	0	LM71SX	LinStatic	4,792	-145,003	0	0	0
33	0,25806	LM71SX	LinStatic	4,792	-145,003	0	0	0
33	0	LM71DX	LinStatic	4,792	-173,325	0	0	0
33	0,25806	LM71DX	LinStatic	4,792	-173,325	0	0	0
33	0	STLM71	LinStatic	16,262	-0,089	0	0	0
33	0,25806	STLM71	LinStatic	16,262	-0,089	0	0	0
33	0	AVVLM71	LinStatic	34,8	-11,436	0	0	0
33	0,25806	AVVLM71	LinStatic	34,8	-11,436	0	0	0
33	0	SW2	LinStatic	3,771	-161,006	0	0	0
33	0,25806	SW2	LinStatic	3,771	-161,006	0	0	0
33	0	STSW2	LinStatic	27,71	-0,152	0	0	0
33	0,25806	STSW2	LinStatic	27,71	-0,152	0	0	0
33	0	INCRTER	LinStatic	123,566	-0,676	0	0	0
33	0,25806	INCRTER	LinStatic	123,566	-0,676	0	0	0
33	0	LM71SISO	LinStatic	11,342	-3,727	0	0	0
33	0,25806	LM71SISO	LinStatic	11,342	-3,727	0	0	0
33	0	SW2SISO	LinStatic	9,91	-3,257	0	0	0
33	0,25806	SW2SISO	LinStatic	9,91	-3,257	0	0	0
33	0	SISMAO	LinStatic	109,895	-18,698	0	0	0
33	0,25806	SISMAO	LinStatic	109,895	-18,698	0	0	0
33	0	LM71SVA	LinStatic	-0,134	5,719	0	0	0
33	0,25806	LM71SVA	LinStatic	-0,134	5,719	0	0	0
33	0	SW2SVA	LinStatic	-0,117	4,989	0	0	0
33	0,25806	SW2SVA	LinStatic	-0,117	4,989	0	0	0
33	0	SISMAVA	LinStatic	2,49	61,054	0	0	0
33	0,25806	SISMAVA	LinStatic	2,49	61,054	0	0	0
33	0	LM71SVB	LinStatic	0,134	-5,719	0	0	0
33	0,25806	LM71SVB	LinStatic	0,134	-5,719	0	0	0
33	0	SW2SVB	LinStatic	0,117	-4,989	0	0	0
33	0,25806	SW2SVB	LinStatic	0,117	-4,989	0	0	0
33	0	SISMAVB	LinStatic	-2,49	-61,054	0	0	0
33	0,25806	SISMAVB	LinStatic	-2,49	-61,054	0	0	0
34	0	PP	LinStatic	-18,798	-296,681	0	0	0
34	0,225	PP	LinStatic	-18,798	-291,058	0	0	0
34	0	REINTSUP	LinStatic	1,467	-66,779	0	0	0
34	0,225	REINTSUP	LinStatic	1,467	-66,779	0	0	0
34	0	BALLAST	LinStatic	1,294	-58,922	0	0	0
34	0,225	BALLAST	LinStatic	1,294	-58,922	0	0	0
34	0	STERRASX	LinStatic	79,856	-24,874	0	0	0
34	0,225	STERRASX	LinStatic	79,856	-24,874	0	0	0
34	0	STERRADX	LinStatic	-436,941	23,79	0	0	0
34	0,225	STERRADX	LinStatic	-436,941	23,79	0	0	0
34	0	TERMP	LinStatic	1,739	0,032	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	0,225	TERMP	LinStatic	1,739	0,032	0	0	0
34	0	TERMN	LinStatic	-5,216	-0,096	0	0	0
34	0,225	TERMN	LinStatic	-5,216	-0,096	0	0	0
34	0	GRADTP	LinStatic	-8,745	-0,06	0	0	0
34	0,225	GRADTP	LinStatic	-8,745	-0,06	0	0	0
34	0	GRADTN	LinStatic	8,745	0,06	0	0	0
34	0,225	GRADTN	LinStatic	8,745	0,06	0	0	0
34	0	LM71C	LinStatic	5,815	-169,686	0	0	0
34	0,225	LM71C	LinStatic	5,815	-169,686	0	0	0
34	0	LM71SX	LinStatic	4,792	-152,443	0	0	0
34	0,225	LM71SX	LinStatic	4,792	-152,443	0	0	0
34	0	LM71DX	LinStatic	4,792	-186,942	0	0	0
34	0,225	LM71DX	LinStatic	4,792	-186,942	0	0	0
34	0	STLM71	LinStatic	18,72	-7,351	0	0	0
34	0,225	STLM71	LinStatic	18,72	-7,351	0	0	0
34	0	AVVLM71	LinStatic	36,971	-24,335	0	0	0
34	0,225	AVVLM71	LinStatic	36,971	-24,335	0	0	0
34	0	SW2	LinStatic	3,771	-171,652	0	0	0
34	0,225	SW2	LinStatic	3,771	-171,652	0	0	0
34	0	STSW2	LinStatic	31,898	-12,526	0	0	0
34	0,225	STSW2	LinStatic	31,898	-12,526	0	0	0
34	0	INCRTER	LinStatic	142,243	-55,858	0	0	0
34	0,225	INCRTER	LinStatic	142,243	-55,858	0	0	0
34	0	LM71SISO	LinStatic	12,05	-7,931	0	0	0
34	0,225	LM71SISO	LinStatic	12,05	-7,931	0	0	0
34	0	SW2SISO	LinStatic	10,528	-6,93	0	0	0
34	0,225	SW2SISO	LinStatic	10,528	-6,93	0	0	0
34	0	SISMAO	LinStatic	116,753	-49,649	0	0	0
34	0,225	SISMAO	LinStatic	116,753	-49,649	0	0	0
34	0	LM71SVA	LinStatic	-0,134	6,097	0	0	0
34	0,225	LM71SVA	LinStatic	-0,134	6,097	0	0	0
34	0	SW2SVA	LinStatic	-0,117	5,319	0	0	0
34	0,225	SW2SVA	LinStatic	-0,117	5,319	0	0	0
34	0	SISMAVA	LinStatic	2,49	65,073	0	0	0
34	0,225	SISMAVA	LinStatic	2,49	65,073	0	0	0
34	0	LM71SVB	LinStatic	0,134	-6,097	0	0	0
34	0,225	LM71SVB	LinStatic	0,134	-6,097	0	0	0
34	0	SW2SVB	LinStatic	0,117	-5,319	0	0	0
34	0,225	SW2SVB	LinStatic	0,117	-5,319	0	0	0
34	0	SISMAVB	LinStatic	-2,49	-65,073	0	0	0
34	0,225	SISMAVB	LinStatic	-2,49	-65,073	0	0	0
35	0	PP	LinStatic	-18,799	-313,669	0	0	0
35	0,225	PP	LinStatic	-18,799	-308,046	0	0	0
35	0	REINTSUP	LinStatic	1,467	-70,666	0	0	0
35	0,225	REINTSUP	LinStatic	1,467	-70,666	0	0	0
35	0	BALLAST	LinStatic	1,294	-62,352	0	0	0
35	0,225	BALLAST	LinStatic	1,294	-62,352	0	0	0
35	0	STERRASX	LinStatic	93,993	-58,33	0	0	0
35	0,225	STERRASX	LinStatic	93,993	-58,33	0	0	0
35	0	STERRADX	LinStatic	-451,082	57,929	0	0	0
35	0,225	STERRADX	LinStatic	-451,082	57,929	0	0	0
35	0	TERMP	LinStatic	1,739	0,012	0	0	0
35	0,225	TERMP	LinStatic	1,739	0,012	0	0	0
35	0	TERMN	LinStatic	-5,217	-0,036	0	0	0
35	0,225	TERMN	LinStatic	-5,217	-0,036	0	0	0
35	0	GRADTP	LinStatic	-8,746	-0,022	0	0	0
35	0,225	GRADTP	LinStatic	-8,746	-0,022	0	0	0
35	0	GRADTN	LinStatic	8,746	0,022	0	0	0
35	0,225	GRADTN	LinStatic	8,746	0,022	0	0	0
35	0	LM71C	LinStatic	5,815	-179,573	0	0	0
35	0,225	LM71C	LinStatic	5,815	-179,573	0	0	0
35	0	LM71SX	LinStatic	4,792	-159,285	0	0	0
35	0,225	LM71SX	LinStatic	4,792	-159,285	0	0	0
35	0	LM71DX	LinStatic	4,792	-199,867	0	0	0
35	0,225	LM71DX	LinStatic	4,792	-199,867	0	0	0
35	0	STLM71	LinStatic	21,01	-14,515	0	0	0
35	0,225	STLM71	LinStatic	21,01	-14,515	0	0	0
35	0	AVVLM71	LinStatic	38,994	-37,062	0	0	0
35	0,225	AVVLM71	LinStatic	38,994	-37,062	0	0	0
35	0	SW2	LinStatic	3,771	-181,644	0	0	0
35	0,225	SW2	LinStatic	3,771	-181,644	0	0	0
35	0	STSW2	LinStatic	35,8	-24,733	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	0,225	STSW2	LinStatic	35,8	-24,733	0	0	0
35	0	INCRTER	LinStatic	159,642	-110,29	0	0	0
35	0,225	INCRTER	LinStatic	159,642	-110,29	0	0	0
35	0	LM71SISO	LinStatic	12,709	-12,079	0	0	0
35	0,225	LM71SISO	LinStatic	12,709	-12,079	0	0	0
35	0	SW2SISO	LinStatic	11,104	-10,554	0	0	0
35	0,225	SW2SISO	LinStatic	11,104	-10,554	0	0	0
35	0	SISMAO	LinStatic	123,141	-80,194	0	0	0
35	0,225	SISMAO	LinStatic	123,141	-80,194	0	0	0
35	0	LM71SVA	LinStatic	-0,134	6,452	0	0	0
35	0,225	LM71SVA	LinStatic	-0,134	6,452	0	0	0
35	0	SW2SVA	LinStatic	-0,117	5,629	0	0	0
35	0,225	SW2SVA	LinStatic	-0,117	5,629	0	0	0
35	0	SISMAVA	LinStatic	2,49	68,843	0	0	0
35	0,225	SISMAVA	LinStatic	2,49	68,843	0	0	0
35	0	LM71SVB	LinStatic	0,134	-6,452	0	0	0
35	0,225	LM71SVB	LinStatic	0,134	-6,452	0	0	0
35	0	SW2SVB	LinStatic	0,117	-5,629	0	0	0
35	0,225	SW2SVB	LinStatic	0,117	-5,629	0	0	0
35	0	SISMAVB	LinStatic	-2,49	-68,843	0	0	0
35	0,225	SISMAVB	LinStatic	-2,49	-68,843	0	0	0
36	0	PP	LinStatic	-319,406	18,799	0	0	0
36	0,125	PP	LinStatic	-316,594	18,799	0	0	0
36	0,25	PP	LinStatic	-313,782	18,799	0	0	0
36	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
36	0,125	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
36	0,25	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
36	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0,125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0,25	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0	STERRASX	LinStatic	75,992	458,153	0	0	0
36	0,125	STERRASX	LinStatic	75,992	445,853	0	0	0
36	0,25	STERRASX	LinStatic	75,992	433,687	0	0	0
36	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
36	0,125	STERRADX	LinStatic	-75,992	-101,061	0	0	0
36	0,25	STERRADX	LinStatic	-75,992	-101,061	0	0	0
36	0	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0,125	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0,25	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0,125	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0,25	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0,125	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0,25	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0	GRADTN	LinStatic	9,095E-13	-8,746	0	0	0
36	0,125	GRADTN	LinStatic	9,095E-13	-8,746	0	0	0
36	0,25	GRADTN	LinStatic	9,095E-13	-8,746	0	0	0
36	0	LM71C	LinStatic	-184,554	-5,815	0	0	0
36	0,125	LM71C	LinStatic	-184,554	-5,815	0	0	0
36	0,25	LM71C	LinStatic	-184,554	-5,815	0	0	0
36	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
36	0,125	LM71SX	LinStatic	-206,449	-4,792	0	0	0
36	0,25	LM71SX	LinStatic	-206,449	-4,792	0	0	0
36	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
36	0,125	LM71DX	LinStatic	-162,66	-4,792	0	0	0
36	0,25	LM71DX	LinStatic	-162,66	-4,792	0	0	0
36	0	STLM71	LinStatic	18,297	68,423	0	0	0
36	0,125	STLM71	LinStatic	18,297	67,262	0	0	0
36	0,25	STLM71	LinStatic	18,297	66,1	0	0	0
36	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
36	0,125	AVVLM71	LinStatic	43,784	40,006	0	0	0
36	0,25	AVVLM71	LinStatic	43,784	40,006	0	0	0
36	0	SW2	LinStatic	-186,677	-3,771	0	0	0
36	0,125	SW2	LinStatic	-186,677	-3,771	0	0	0
36	0,25	SW2	LinStatic	-186,677	-3,771	0	0	0
36	0	STSW2	LinStatic	31,177	116,592	0	0	0
36	0,125	STSW2	LinStatic	31,177	114,613	0	0	0
36	0,25	STSW2	LinStatic	31,177	112,634	0	0	0
36	0	INCRTER	LinStatic	139,028	519,912	0	0	0
36	0,125	INCRTER	LinStatic	139,028	511,088	0	0	0
36	0,25	INCRTER	LinStatic	139,028	502,264	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	LM71SISO	LinStatic	14,27	13,039	0	0	0
36	0,125	LM71SISO	LinStatic	14,27	13,039	0	0	0
36	0,25	LM71SISO	LinStatic	14,27	13,039	0	0	0
36	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
36	0,125	SW2SISO	LinStatic	12,468	11,392	0	0	0
36	0,25	SW2SISO	LinStatic	12,468	11,392	0	0	0
36	0	SISMAO	LinStatic	96,329	126,336	0	0	0
36	0,125	SISMAO	LinStatic	96,329	125,557	0	0	0
36	0,25	SISMAO	LinStatic	96,329	124,778	0	0	0
36	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
36	0,125	LM71SVA	LinStatic	6,63	0,134	0	0	0
36	0,25	LM71SVA	LinStatic	6,63	0,134	0	0	0
36	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
36	0,125	SW2SVA	LinStatic	5,785	0,117	0	0	0
36	0,25	SW2SVA	LinStatic	5,785	0,117	0	0	0
36	0	SISMAVA	LinStatic	70,74	-2,49	0	0	0
36	0,125	SISMAVA	LinStatic	70,304	-2,49	0	0	0
36	0,25	SISMAVA	LinStatic	69,867	-2,49	0	0	0
36	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
36	0,125	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
36	0,25	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
36	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
36	0,125	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
36	0,25	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
36	0	SISMAVB	LinStatic	-70,74	2,49	0	0	0
36	0,125	SISMAVB	LinStatic	-70,304	2,49	0	0	0
36	0,25	SISMAVB	LinStatic	-69,867	2,49	0	0	0
37	0	PP	LinStatic	-319,406	-18,799	0	0	0
37	0,125	PP	LinStatic	-316,594	-18,799	0	0	0
37	0,25	PP	LinStatic	-313,782	-18,799	0	0	0
37	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
37	0,125	REINTSUP	LinStatic	-72,624	1,467	0	0	0
37	0,25	REINTSUP	LinStatic	-72,624	1,467	0	0	0
37	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0,125	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0,25	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
37	0,125	STERRASX	LinStatic	-75,992	101,061	0	0	0
37	0,25	STERRASX	LinStatic	-75,992	101,061	0	0	0
37	0	STERRADX	LinStatic	75,992	-458,153	0	0	0
37	0,125	STERRADX	LinStatic	75,992	-445,853	0	0	0
37	0,25	STERRADX	LinStatic	75,992	-433,687	0	0	0
37	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0,125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0,25	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0,125	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0,25	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0,125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0,25	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0,125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0,25	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0	LM71C	LinStatic	-184,554	5,815	0	0	0
37	0,125	LM71C	LinStatic	-184,554	5,815	0	0	0
37	0,25	LM71C	LinStatic	-184,554	5,815	0	0	0
37	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
37	0,125	LM71SX	LinStatic	-162,66	4,792	0	0	0
37	0,25	LM71SX	LinStatic	-162,66	4,792	0	0	0
37	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
37	0,125	LM71DX	LinStatic	-206,449	4,792	0	0	0
37	0,25	LM71DX	LinStatic	-206,449	4,792	0	0	0
37	0	STLM71	LinStatic	-18,297	22,155	0	0	0
37	0,125	STLM71	LinStatic	-18,297	22,155	0	0	0
37	0,25	STLM71	LinStatic	-18,297	22,155	0	0	0
37	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
37	0,125	AVVLM71	LinStatic	-43,784	40,006	0	0	0
37	0,25	AVVLM71	LinStatic	-43,784	40,006	0	0	0
37	0	SW2	LinStatic	-186,677	3,771	0	0	0
37	0,125	SW2	LinStatic	-186,677	3,771	0	0	0
37	0,25	SW2	LinStatic	-186,677	3,771	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	STSW2	LinStatic	-31,177	37,751	0	0	0
37	0,125	STSW2	LinStatic	-31,177	37,751	0	0	0
37	0,25	STSW2	LinStatic	-31,177	37,751	0	0	0
37	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
37	0,125	INCRTER	LinStatic	-139,028	168,341	0	0	0
37	0,25	INCRTER	LinStatic	-139,028	168,341	0	0	0
37	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
37	0,125	LM71SISO	LinStatic	-14,27	13,039	0	0	0
37	0,25	LM71SISO	LinStatic	-14,27	13,039	0	0	0
37	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
37	0,125	SW2SISO	LinStatic	-12,468	11,392	0	0	0
37	0,25	SW2SISO	LinStatic	-12,468	11,392	0	0	0
37	0	SISMAO	LinStatic	-96,329	126,336	0	0	0
37	0,125	SISMAO	LinStatic	-96,329	125,557	0	0	0
37	0,25	SISMAO	LinStatic	-96,329	124,778	0	0	0
37	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
37	0,125	LM71SVA	LinStatic	6,63	-0,134	0	0	0
37	0,25	LM71SVA	LinStatic	6,63	-0,134	0	0	0
37	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
37	0,125	SW2SVA	LinStatic	5,785	-0,117	0	0	0
37	0,25	SW2SVA	LinStatic	5,785	-0,117	0	0	0
37	0	SISMAVA	LinStatic	70,74	2,49	0	0	0
37	0,125	SISMAVA	LinStatic	70,304	2,49	0	0	0
37	0,25	SISMAVA	LinStatic	69,867	2,49	0	0	0
37	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
37	0,125	LM71SVB	LinStatic	-6,63	0,134	0	0	0
37	0,25	LM71SVB	LinStatic	-6,63	0,134	0	0	0
37	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
37	0,125	SW2SVB	LinStatic	-5,785	0,117	0	0	0
37	0,25	SW2SVB	LinStatic	-5,785	0,117	0	0	0
37	0	SISMAVB	LinStatic	-70,74	-2,49	0	0	0
37	0,125	SISMAVB	LinStatic	-70,304	-2,49	0	0	0
37	0,25	SISMAVB	LinStatic	-69,867	-2,49	0	0	0
38	0	PP	LinStatic	-313,782	18,799	0	0	0
38	0,125	PP	LinStatic	-310,971	18,799	0	0	0
38	0,25	PP	LinStatic	-308,159	18,799	0	0	0
38	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
38	0,125	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
38	0,25	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
38	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0,125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0,25	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0	STERRASX	LinStatic	75,992	433,687	0	0	0
38	0,125	STERRASX	LinStatic	75,992	421,653	0	0	0
38	0,25	STERRASX	LinStatic	75,992	409,754	0	0	0
38	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
38	0,125	STERRADX	LinStatic	-75,992	-101,061	0	0	0
38	0,25	STERRADX	LinStatic	-75,992	-101,061	0	0	0
38	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0,125	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0,25	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0,125	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0,25	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0	GRADTP	LinStatic	0	8,746	0	0	0
38	0,125	GRADTP	LinStatic	0	8,746	0	0	0
38	0,25	GRADTP	LinStatic	0	8,746	0	0	0
38	0	GRADTN	LinStatic	0	-8,746	0	0	0
38	0,125	GRADTN	LinStatic	0	-8,746	0	0	0
38	0,25	GRADTN	LinStatic	0	-8,746	0	0	0
38	0	LM71C	LinStatic	-184,555	-5,815	0	0	0
38	0,125	LM71C	LinStatic	-184,555	-5,815	0	0	0
38	0,25	LM71C	LinStatic	-184,555	-5,815	0	0	0
38	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
38	0,125	LM71SX	LinStatic	-206,449	-4,792	0	0	0
38	0,25	LM71SX	LinStatic	-206,449	-4,792	0	0	0
38	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
38	0,125	LM71DX	LinStatic	-162,66	-4,792	0	0	0
38	0,25	LM71DX	LinStatic	-162,66	-4,792	0	0	0
38	0	STLM71	LinStatic	18,297	66,1	0	0	0
38	0,125	STLM71	LinStatic	18,297	64,939	0	0	0
38	0,25	STLM71	LinStatic	18,297	63,778	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	AVVLM71	LinStatic	43,784	40,006	0	0	0
38	0,125	AVVLM71	LinStatic	43,784	40,006	0	0	0
38	0,25	AVVLM71	LinStatic	43,784	40,006	0	0	0
38	0	SW2	LinStatic	-186,677	-3,771	0	0	0
38	0,125	SW2	LinStatic	-186,677	-3,771	0	0	0
38	0,25	SW2	LinStatic	-186,677	-3,771	0	0	0
38	0	STSW2	LinStatic	31,177	112,634	0	0	0
38	0,125	STSW2	LinStatic	31,177	110,655	0	0	0
38	0,25	STSW2	LinStatic	31,177	108,677	0	0	0
38	0	INCRTER	LinStatic	139,028	502,264	0	0	0
38	0,125	INCRTER	LinStatic	139,028	493,44	0	0	0
38	0,25	INCRTER	LinStatic	139,028	484,617	0	0	0
38	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
38	0,125	LM71SISO	LinStatic	14,27	13,039	0	0	0
38	0,25	LM71SISO	LinStatic	14,27	13,039	0	0	0
38	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
38	0,125	SW2SISO	LinStatic	12,468	11,392	0	0	0
38	0,25	SW2SISO	LinStatic	12,468	11,392	0	0	0
38	0	SISMAO	LinStatic	96,329	124,778	0	0	0
38	0,125	SISMAO	LinStatic	96,329	123,999	0	0	0
38	0,25	SISMAO	LinStatic	96,329	123,221	0	0	0
38	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
38	0,125	LM71SVA	LinStatic	6,63	0,134	0	0	0
38	0,25	LM71SVA	LinStatic	6,63	0,134	0	0	0
38	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
38	0,125	SW2SVA	LinStatic	5,785	0,117	0	0	0
38	0,25	SW2SVA	LinStatic	5,785	0,117	0	0	0
38	0	SISMAVA	LinStatic	69,867	-2,49	0	0	0
38	0,125	SISMAVA	LinStatic	69,431	-2,49	0	0	0
38	0,25	SISMAVA	LinStatic	68,995	-2,49	0	0	0
38	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
38	0,125	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
38	0,25	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
38	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
38	0,125	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
38	0,25	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
38	0	SISMAVB	LinStatic	-69,867	2,49	0	0	0
38	0,125	SISMAVB	LinStatic	-69,431	2,49	0	0	0
38	0,25	SISMAVB	LinStatic	-68,995	2,49	0	0	0
39	0	PP	LinStatic	-313,782	-18,799	0	0	0
39	0,125	PP	LinStatic	-310,971	-18,799	0	0	0
39	0,25	PP	LinStatic	-308,159	-18,799	0	0	0
39	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
39	0,125	REINTSUP	LinStatic	-72,624	1,467	0	0	0
39	0,25	REINTSUP	LinStatic	-72,624	1,467	0	0	0
39	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0,125	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0,25	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
39	0,125	STERRASX	LinStatic	-75,992	101,061	0	0	0
39	0,25	STERRASX	LinStatic	-75,992	101,061	0	0	0
39	0	STERRADX	LinStatic	75,992	-433,687	0	0	0
39	0,125	STERRADX	LinStatic	75,992	-421,653	0	0	0
39	0,25	STERRADX	LinStatic	75,992	-409,754	0	0	0
39	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0,125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0,25	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0,125	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0,25	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0,125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0,25	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0,125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0,25	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0	LM71C	LinStatic	-184,554	5,815	0	0	0
39	0,125	LM71C	LinStatic	-184,554	5,815	0	0	0
39	0,25	LM71C	LinStatic	-184,554	5,815	0	0	0
39	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
39	0,125	LM71SX	LinStatic	-162,66	4,792	0	0	0
39	0,25	LM71SX	LinStatic	-162,66	4,792	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	LM71DX	LinStatic	-206,449	4,792	0	0	0
39	0,125	LM71DX	LinStatic	-206,449	4,792	0	0	0
39	0,25	LM71DX	LinStatic	-206,449	4,792	0	0	0
39	0	STLM71	LinStatic	-18,297	22,155	0	0	0
39	0,125	STLM71	LinStatic	-18,297	22,155	0	0	0
39	0,25	STLM71	LinStatic	-18,297	22,155	0	0	0
39	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
39	0,125	AVVLM71	LinStatic	-43,784	40,006	0	0	0
39	0,25	AVVLM71	LinStatic	-43,784	40,006	0	0	0
39	0	SW2	LinStatic	-186,677	3,771	0	0	0
39	0,125	SW2	LinStatic	-186,677	3,771	0	0	0
39	0,25	SW2	LinStatic	-186,677	3,771	0	0	0
39	0	STSW2	LinStatic	-31,177	37,751	0	0	0
39	0,125	STSW2	LinStatic	-31,177	37,751	0	0	0
39	0,25	STSW2	LinStatic	-31,177	37,751	0	0	0
39	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
39	0,125	INCRTER	LinStatic	-139,028	168,341	0	0	0
39	0,25	INCRTER	LinStatic	-139,028	168,341	0	0	0
39	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
39	0,125	LM71SISO	LinStatic	-14,27	13,039	0	0	0
39	0,25	LM71SISO	LinStatic	-14,27	13,039	0	0	0
39	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
39	0,125	SW2SISO	LinStatic	-12,468	11,392	0	0	0
39	0,25	SW2SISO	LinStatic	-12,468	11,392	0	0	0
39	0	SISMAO	LinStatic	-96,329	124,778	0	0	0
39	0,125	SISMAO	LinStatic	-96,329	123,999	0	0	0
39	0,25	SISMAO	LinStatic	-96,329	123,221	0	0	0
39	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
39	0,125	LM71SVA	LinStatic	6,63	-0,134	0	0	0
39	0,25	LM71SVA	LinStatic	6,63	-0,134	0	0	0
39	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
39	0,125	SW2SVA	LinStatic	5,785	-0,117	0	0	0
39	0,25	SW2SVA	LinStatic	5,785	-0,117	0	0	0
39	0	SISMAVA	LinStatic	69,867	2,49	0	0	0
39	0,125	SISMAVA	LinStatic	69,431	2,49	0	0	0
39	0,25	SISMAVA	LinStatic	68,995	2,49	0	0	0
39	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
39	0,125	LM71SVB	LinStatic	-6,63	0,134	0	0	0
39	0,25	LM71SVB	LinStatic	-6,63	0,134	0	0	0
39	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
39	0,125	SW2SVB	LinStatic	-5,785	0,117	0	0	0
39	0,25	SW2SVB	LinStatic	-5,785	0,117	0	0	0
39	0	SISMAVB	LinStatic	-69,867	-2,49	0	0	0
39	0,125	SISMAVB	LinStatic	-69,431	-2,49	0	0	0
39	0,25	SISMAVB	LinStatic	-68,995	-2,49	0	0	0
40	0	PP	LinStatic	-308,159	18,799	0	0	0
40	1,1	PP	LinStatic	-283,416	18,799	0	0	0
40	2,2	PP	LinStatic	-258,674	18,799	0	0	0
40	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
40	1,1	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
40	2,2	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
40	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	0	STERRASX	LinStatic	75,992	409,754	0	0	0
40	1,1	STERRASX	LinStatic	75,992	310,78	0	0	0
40	2,2	STERRASX	LinStatic	75,992	222,127	0	0	0
40	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
40	1,1	STERRADX	LinStatic	-75,992	-101,061	0	0	0
40	2,2	STERRADX	LinStatic	-75,992	-101,061	0	0	0
40	0	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	1,1	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	2,2	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	0	GRADTP	LinStatic	0	8,746	0	0	0
40	1,1	GRADTP	LinStatic	0	8,746	0	0	0
40	2,2	GRADTP	LinStatic	0	8,746	0	0	0
40	0	GRADTN	LinStatic	0	-8,746	0	0	0
40	1,1	GRADTN	LinStatic	0	-8,746	0	0	0
40	2,2	GRADTN	LinStatic	0	-8,746	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	LM71C	LinStatic	-184,554	-5,815	0	0	0
40	1,1	LM71C	LinStatic	-184,554	-5,815	0	0	0
40	2,2	LM71C	LinStatic	-184,554	-5,815	0	0	0
40	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
40	1,1	LM71SX	LinStatic	-206,449	-4,792	0	0	0
40	2,2	LM71SX	LinStatic	-206,449	-4,792	0	0	0
40	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
40	1,1	LM71DX	LinStatic	-162,66	-4,792	0	0	0
40	2,2	LM71DX	LinStatic	-162,66	-4,792	0	0	0
40	0	STLM71	LinStatic	18,297	63,778	0	0	0
40	1,1	STLM71	LinStatic	18,297	53,559	0	0	0
40	2,2	STLM71	LinStatic	18,297	43,34	0	0	0
40	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
40	1,1	AVVLM71	LinStatic	43,784	40,006	0	0	0
40	2,2	AVVLM71	LinStatic	43,784	40,006	0	0	0
40	0	SW2	LinStatic	-186,677	-3,771	0	0	0
40	1,1	SW2	LinStatic	-186,677	-3,771	0	0	0
40	2,2	SW2	LinStatic	-186,677	-3,771	0	0	0
40	0	STSW2	LinStatic	31,177	108,677	0	0	0
40	1,1	STSW2	LinStatic	31,177	91,264	0	0	0
40	2,2	STSW2	LinStatic	31,177	73,851	0	0	0
40	0	INCRTER	LinStatic	139,028	484,617	0	0	0
40	1,1	INCRTER	LinStatic	139,028	406,968	0	0	0
40	2,2	INCRTER	LinStatic	139,028	329,319	0	0	0
40	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
40	1,1	LM71SISO	LinStatic	14,27	13,039	0	0	0
40	2,2	LM71SISO	LinStatic	14,27	13,039	0	0	0
40	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
40	1,1	SW2SISO	LinStatic	12,468	11,392	0	0	0
40	2,2	SW2SISO	LinStatic	12,468	11,392	0	0	0
40	0	SISMAO	LinStatic	96,329	123,221	0	0	0
40	1,1	SISMAO	LinStatic	96,329	116,368	0	0	0
40	2,2	SISMAO	LinStatic	96,329	109,515	0	0	0
40	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
40	1,1	LM71SVA	LinStatic	6,63	0,134	0	0	0
40	2,2	LM71SVA	LinStatic	6,63	0,134	0	0	0
40	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
40	1,1	SW2SVA	LinStatic	5,785	0,117	0	0	0
40	2,2	SW2SVA	LinStatic	5,785	0,117	0	0	0
40	0	SISMAVA	LinStatic	68,995	-2,49	0	0	0
40	1,1	SISMAVA	LinStatic	65,156	-2,49	0	0	0
40	2,2	SISMAVA	LinStatic	61,317	-2,49	0	0	0
40	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
40	1,1	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
40	2,2	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
40	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
40	1,1	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
40	2,2	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
40	0	SISMAVB	LinStatic	-68,995	2,49	0	0	0
40	1,1	SISMAVB	LinStatic	-65,156	2,49	0	0	0
40	2,2	SISMAVB	LinStatic	-61,317	2,49	0	0	0
41	0	PP	LinStatic	-308,159	-18,799	0	0	0
41	1,1	PP	LinStatic	-283,416	-18,799	0	0	0
41	2,2	PP	LinStatic	-258,674	-18,799	0	0	0
41	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
41	1,1	REINTSUP	LinStatic	-72,624	1,467	0	0	0
41	2,2	REINTSUP	LinStatic	-72,624	1,467	0	0	0
41	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
41	1,1	STERRASX	LinStatic	-75,992	101,061	0	0	0
41	2,2	STERRASX	LinStatic	-75,992	101,061	0	0	0
41	0	STERRADX	LinStatic	75,992	-409,754	0	0	0
41	1,1	STERRADX	LinStatic	75,992	-310,78	0	0	0
41	2,2	STERRADX	LinStatic	75,992	-222,127	0	0	0
41	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	1,1	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	2,2	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	0	TERMN	LinStatic	2,501E-12	-5,217	0	0	0
41	1,1	TERMN	LinStatic	2,501E-12	-5,217	0	0	0
41	2,2	TERMN	LinStatic	2,501E-12	-5,217	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	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	1,1	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	2,2	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	0	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	1,1	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	2,2	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	0	LM71C	LinStatic	-184,554	5,815	0	0	0
41	1,1	LM71C	LinStatic	-184,554	5,815	0	0	0
41	2,2	LM71C	LinStatic	-184,554	5,815	0	0	0
41	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
41	1,1	LM71SX	LinStatic	-162,66	4,792	0	0	0
41	2,2	LM71SX	LinStatic	-162,66	4,792	0	0	0
41	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
41	1,1	LM71DX	LinStatic	-206,449	4,792	0	0	0
41	2,2	LM71DX	LinStatic	-206,449	4,792	0	0	0
41	0	STLM71	LinStatic	-18,297	22,155	0	0	0
41	1,1	STLM71	LinStatic	-18,297	22,155	0	0	0
41	2,2	STLM71	LinStatic	-18,297	22,155	0	0	0
41	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
41	1,1	AVVLM71	LinStatic	-43,784	40,006	0	0	0
41	2,2	AVVLM71	LinStatic	-43,784	40,006	0	0	0
41	0	SW2	LinStatic	-186,677	3,771	0	0	0
41	1,1	SW2	LinStatic	-186,677	3,771	0	0	0
41	2,2	SW2	LinStatic	-186,677	3,771	0	0	0
41	0	STSW2	LinStatic	-31,177	37,751	0	0	0
41	1,1	STSW2	LinStatic	-31,177	37,751	0	0	0
41	2,2	STSW2	LinStatic	-31,177	37,751	0	0	0
41	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
41	1,1	INCRTER	LinStatic	-139,028	168,341	0	0	0
41	2,2	INCRTER	LinStatic	-139,028	168,341	0	0	0
41	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
41	1,1	LM71SISO	LinStatic	-14,27	13,039	0	0	0
41	2,2	LM71SISO	LinStatic	-14,27	13,039	0	0	0
41	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
41	1,1	SW2SISO	LinStatic	-12,468	11,392	0	0	0
41	2,2	SW2SISO	LinStatic	-12,468	11,392	0	0	0
41	0	SISMAO	LinStatic	-96,329	123,221	0	0	0
41	1,1	SISMAO	LinStatic	-96,329	116,368	0	0	0
41	2,2	SISMAO	LinStatic	-96,329	109,515	0	0	0
41	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
41	1,1	LM71SVA	LinStatic	6,63	-0,134	0	0	0
41	2,2	LM71SVA	LinStatic	6,63	-0,134	0	0	0
41	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
41	1,1	SW2SVA	LinStatic	5,785	-0,117	0	0	0
41	2,2	SW2SVA	LinStatic	5,785	-0,117	0	0	0
41	0	SISMAVA	LinStatic	68,995	2,49	0	0	0
41	1,1	SISMAVA	LinStatic	65,156	2,49	0	0	0
41	2,2	SISMAVA	LinStatic	61,317	2,49	0	0	0
41	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
41	1,1	LM71SVB	LinStatic	-6,63	0,134	0	0	0
41	2,2	LM71SVB	LinStatic	-6,63	0,134	0	0	0
41	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
41	1,1	SW2SVB	LinStatic	-5,785	0,117	0	0	0
41	2,2	SW2SVB	LinStatic	-5,785	0,117	0	0	0
41	0	SISMAVB	LinStatic	-68,995	-2,49	0	0	0
41	1,1	SISMAVB	LinStatic	-65,156	-2,49	0	0	0
41	2,2	SISMAVB	LinStatic	-61,317	-2,49	0	0	0
42	0	PP	LinStatic	-258,674	18,799	0	0	0
42	1,1	PP	LinStatic	-233,931	18,799	0	0	0
42	2,2	PP	LinStatic	-209,188	18,799	0	0	0
42	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
42	1,1	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
42	2,2	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
42	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	0	STERRASX	LinStatic	75,992	222,127	0	0	0
42	1,1	STERRASX	LinStatic	75,992	143,792	0	0	0
42	2,2	STERRASX	LinStatic	75,992	75,776	0	0	0
42	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
42	1,1	STERRADX	LinStatic	-75,992	-101,061	0	0	0
42	2,2	STERRADX	LinStatic	-75,992	-101,061	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	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	1,1	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	2,2	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	0	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	1,1	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	2,2	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	0	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	1,1	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	2,2	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	0	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
42	1,1	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
42	2,2	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
42	0	LM71C	LinStatic	-184,554	-5,815	0	0	0
42	1,1	LM71C	LinStatic	-184,554	-5,815	0	0	0
42	2,2	LM71C	LinStatic	-184,554	-5,815	0	0	0
42	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
42	1,1	LM71SX	LinStatic	-206,449	-4,792	0	0	0
42	2,2	LM71SX	LinStatic	-206,449	-4,792	0	0	0
42	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
42	1,1	LM71DX	LinStatic	-162,66	-4,792	0	0	0
42	2,2	LM71DX	LinStatic	-162,66	-4,792	0	0	0
42	0	STLM71	LinStatic	18,297	43,34	0	0	0
42	1,1	STLM71	LinStatic	18,297	33,121	0	0	0
42	2,2	STLM71	LinStatic	18,297	22,902	0	0	0
42	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
42	1,1	AVVLM71	LinStatic	43,784	40,006	0	0	0
42	2,2	AVVLM71	LinStatic	43,784	40,006	0	0	0
42	0	SW2	LinStatic	-186,678	-3,771	0	0	0
42	1,1	SW2	LinStatic	-186,678	-3,771	0	0	0
42	2,2	SW2	LinStatic	-186,678	-3,771	0	0	0
42	0	STSW2	LinStatic	31,177	73,851	0	0	0
42	1,1	STSW2	LinStatic	31,177	56,438	0	0	0
42	2,2	STSW2	LinStatic	31,177	39,025	0	0	0
42	0	INCRTER	LinStatic	139,028	329,319	0	0	0
42	1,1	INCRTER	LinStatic	139,028	251,67	0	0	0
42	2,2	INCRTER	LinStatic	139,028	174,021	0	0	0
42	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
42	1,1	LM71SISO	LinStatic	14,27	13,039	0	0	0
42	2,2	LM71SISO	LinStatic	14,27	13,039	0	0	0
42	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
42	1,1	SW2SISO	LinStatic	12,468	11,392	0	0	0
42	2,2	SW2SISO	LinStatic	12,468	11,392	0	0	0
42	0	SISMAO	LinStatic	96,329	109,515	0	0	0
42	1,1	SISMAO	LinStatic	96,329	102,662	0	0	0
42	2,2	SISMAO	LinStatic	96,329	95,809	0	0	0
42	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
42	1,1	LM71SVA	LinStatic	6,63	0,134	0	0	0
42	2,2	LM71SVA	LinStatic	6,63	0,134	0	0	0
42	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
42	1,1	SW2SVA	LinStatic	5,785	0,117	0	0	0
42	2,2	SW2SVA	LinStatic	5,785	0,117	0	0	0
42	0	SISMAVA	LinStatic	61,317	-2,49	0	0	0
42	1,1	SISMAVA	LinStatic	57,478	-2,49	0	0	0
42	2,2	SISMAVA	LinStatic	53,639	-2,49	0	0	0
42	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
42	1,1	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
42	2,2	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
42	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
42	1,1	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
42	2,2	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
42	0	SISMAVB	LinStatic	-61,317	2,49	0	0	0
42	1,1	SISMAVB	LinStatic	-57,478	2,49	0	0	0
42	2,2	SISMAVB	LinStatic	-53,639	2,49	0	0	0
43	0	PP	LinStatic	-258,674	-18,799	0	0	0
43	1,1	PP	LinStatic	-233,931	-18,799	0	0	0
43	2,2	PP	LinStatic	-209,188	-18,799	0	0	0
43	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
43	1,1	REINTSUP	LinStatic	-72,624	1,467	0	0	0
43	2,2	REINTSUP	LinStatic	-72,624	1,467	0	0	0
43	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
43	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
43	2,2	BALLAST	LinStatic	-64,08	1,294	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	STERRASX	LinStatic	-75,992	101,061	0	0	0
43	1,1	STERRASX	LinStatic	-75,992	101,061	0	0	0
43	2,2	STERRASX	LinStatic	-75,992	101,061	0	0	0
43	0	STERRADX	LinStatic	75,992	-222,127	0	0	0
43	1,1	STERRADX	LinStatic	75,992	-143,792	0	0	0
43	2,2	STERRADX	LinStatic	75,992	-75,776	0	0	0
43	0	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	1,1	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	2,2	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	0	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	1,1	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	2,2	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	0	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	1,1	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	2,2	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	0	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	1,1	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	2,2	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	0	LM71C	LinStatic	-184,554	5,815	0	0	0
43	1,1	LM71C	LinStatic	-184,554	5,815	0	0	0
43	2,2	LM71C	LinStatic	-184,554	5,815	0	0	0
43	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
43	1,1	LM71SX	LinStatic	-162,66	4,792	0	0	0
43	2,2	LM71SX	LinStatic	-162,66	4,792	0	0	0
43	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
43	1,1	LM71DX	LinStatic	-206,449	4,792	0	0	0
43	2,2	LM71DX	LinStatic	-206,449	4,792	0	0	0
43	0	STLM71	LinStatic	-18,297	22,155	0	0	0
43	1,1	STLM71	LinStatic	-18,297	22,155	0	0	0
43	2,2	STLM71	LinStatic	-18,297	22,155	0	0	0
43	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
43	1,1	AVVLM71	LinStatic	-43,784	40,006	0	0	0
43	2,2	AVVLM71	LinStatic	-43,784	40,006	0	0	0
43	0	SW2	LinStatic	-186,677	3,771	0	0	0
43	1,1	SW2	LinStatic	-186,677	3,771	0	0	0
43	2,2	SW2	LinStatic	-186,677	3,771	0	0	0
43	0	STSW2	LinStatic	-31,177	37,751	0	0	0
43	1,1	STSW2	LinStatic	-31,177	37,751	0	0	0
43	2,2	STSW2	LinStatic	-31,177	37,751	0	0	0
43	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
43	1,1	INCRTER	LinStatic	-139,028	168,341	0	0	0
43	2,2	INCRTER	LinStatic	-139,028	168,341	0	0	0
43	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
43	1,1	LM71SISO	LinStatic	-14,27	13,039	0	0	0
43	2,2	LM71SISO	LinStatic	-14,27	13,039	0	0	0
43	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
43	1,1	SW2SISO	LinStatic	-12,468	11,392	0	0	0
43	2,2	SW2SISO	LinStatic	-12,468	11,392	0	0	0
43	0	SISMAO	LinStatic	-96,329	109,515	0	0	0
43	1,1	SISMAO	LinStatic	-96,329	102,662	0	0	0
43	2,2	SISMAO	LinStatic	-96,329	95,809	0	0	0
43	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
43	1,1	LM71SVA	LinStatic	6,63	-0,134	0	0	0
43	2,2	LM71SVA	LinStatic	6,63	-0,134	0	0	0
43	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
43	1,1	SW2SVA	LinStatic	5,785	-0,117	0	0	0
43	2,2	SW2SVA	LinStatic	5,785	-0,117	0	0	0
43	0	SISMAVA	LinStatic	61,317	2,49	0	0	0
43	1,1	SISMAVA	LinStatic	57,478	2,49	0	0	0
43	2,2	SISMAVA	LinStatic	53,639	2,49	0	0	0
43	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
43	1,1	LM71SVB	LinStatic	-6,63	0,134	0	0	0
43	2,2	LM71SVB	LinStatic	-6,63	0,134	0	0	0
43	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
43	1,1	SW2SVB	LinStatic	-5,785	0,117	0	0	0
43	2,2	SW2SVB	LinStatic	-5,785	0,117	0	0	0
43	0	SISMAVB	LinStatic	-61,317	-2,49	0	0	0
43	1,1	SISMAVB	LinStatic	-57,478	-2,49	0	0	0
43	2,2	SISMAVB	LinStatic	-53,639	-2,49	0	0	0
44	0	PP	LinStatic	-209,188	18,799	0	0	0
44	1,1	PP	LinStatic	-184,446	18,799	0	0	0
44	2,2	PP	LinStatic	-159,703	18,799	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	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
44	1,1	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
44	2,2	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
44	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	0	STERRASX	LinStatic	75,992	75,776	0	0	0
44	1,1	STERRASX	LinStatic	75,992	18,079	0	0	0
44	2,2	STERRASX	LinStatic	75,992	-29,298	0	0	0
44	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
44	1,1	STERRADX	LinStatic	-75,992	-101,061	0	0	0
44	2,2	STERRADX	LinStatic	-75,992	-101,061	0	0	0
44	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	1,1	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	2,2	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	0	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	1,1	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	2,2	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	0	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	1,1	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	2,2	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	0	LM71C	LinStatic	-184,554	-5,815	0	0	0
44	1,1	LM71C	LinStatic	-184,554	-5,815	0	0	0
44	2,2	LM71C	LinStatic	-184,554	-5,815	0	0	0
44	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
44	1,1	LM71SX	LinStatic	-206,449	-4,792	0	0	0
44	2,2	LM71SX	LinStatic	-206,449	-4,792	0	0	0
44	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
44	1,1	LM71DX	LinStatic	-162,66	-4,792	0	0	0
44	2,2	LM71DX	LinStatic	-162,66	-4,792	0	0	0
44	0	STLM71	LinStatic	18,297	22,902	0	0	0
44	1,1	STLM71	LinStatic	18,297	12,683	0	0	0
44	2,2	STLM71	LinStatic	18,297	2,464	0	0	0
44	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
44	1,1	AVVLM71	LinStatic	43,784	40,006	0	0	0
44	2,2	AVVLM71	LinStatic	43,784	40,006	0	0	0
44	0	SW2	LinStatic	-186,677	-3,771	0	0	0
44	1,1	SW2	LinStatic	-186,677	-3,771	0	0	0
44	2,2	SW2	LinStatic	-186,677	-3,771	0	0	0
44	0	STSW2	LinStatic	31,177	39,025	0	0	0
44	1,1	STSW2	LinStatic	31,177	21,612	0	0	0
44	2,2	STSW2	LinStatic	31,177	4,199	0	0	0
44	0	INCRTER	LinStatic	139,028	174,021	0	0	0
44	1,1	INCRTER	LinStatic	139,028	96,372	0	0	0
44	2,2	INCRTER	LinStatic	139,028	18,723	0	0	0
44	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
44	1,1	LM71SISO	LinStatic	14,27	13,039	0	0	0
44	2,2	LM71SISO	LinStatic	14,27	13,039	0	0	0
44	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
44	1,1	SW2SISO	LinStatic	12,468	11,392	0	0	0
44	2,2	SW2SISO	LinStatic	12,468	11,392	0	0	0
44	0	SISMAO	LinStatic	96,329	95,809	0	0	0
44	1,1	SISMAO	LinStatic	96,329	88,956	0	0	0
44	2,2	SISMAO	LinStatic	96,329	82,103	0	0	0
44	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
44	1,1	LM71SVA	LinStatic	6,63	0,134	0	0	0
44	2,2	LM71SVA	LinStatic	6,63	0,134	0	0	0
44	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
44	1,1	SW2SVA	LinStatic	5,785	0,117	0	0	0
44	2,2	SW2SVA	LinStatic	5,785	0,117	0	0	0
44	0	SISMAVA	LinStatic	53,639	-2,49	0	0	0
44	1,1	SISMAVA	LinStatic	49,8	-2,49	0	0	0
44	2,2	SISMAVA	LinStatic	45,961	-2,49	0	0	0
44	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
44	1,1	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
44	2,2	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
44	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
44	1,1	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
44	2,2	SW2SVB	LinStatic	-5,785	-0,117	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	SISMAVB	LinStatic	-53,639	2,49	0	0	0
44	1,1	SISMAVB	LinStatic	-49,8	2,49	0	0	0
44	2,2	SISMAVB	LinStatic	-45,961	2,49	0	0	0
45	0	PP	LinStatic	-209,188	-18,799	0	0	0
45	1,1	PP	LinStatic	-184,446	-18,799	0	0	0
45	2,2	PP	LinStatic	-159,703	-18,799	0	0	0
45	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
45	1,1	REINTSUP	LinStatic	-72,624	1,467	0	0	0
45	2,2	REINTSUP	LinStatic	-72,624	1,467	0	0	0
45	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
45	1,1	STERRASX	LinStatic	-75,992	101,061	0	0	0
45	2,2	STERRASX	LinStatic	-75,992	101,061	0	0	0
45	0	STERRADX	LinStatic	75,992	-75,776	0	0	0
45	1,1	STERRADX	LinStatic	75,992	-18,079	0	0	0
45	2,2	STERRADX	LinStatic	75,992	29,298	0	0	0
45	0	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	1,1	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	2,2	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	0	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	1,1	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	2,2	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	0	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	1,1	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	2,2	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	0	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	1,1	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	2,2	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	0	LM71C	LinStatic	-184,554	5,815	0	0	0
45	1,1	LM71C	LinStatic	-184,554	5,815	0	0	0
45	2,2	LM71C	LinStatic	-184,554	5,815	0	0	0
45	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
45	1,1	LM71SX	LinStatic	-162,66	4,792	0	0	0
45	2,2	LM71SX	LinStatic	-162,66	4,792	0	0	0
45	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
45	1,1	LM71DX	LinStatic	-206,449	4,792	0	0	0
45	2,2	LM71DX	LinStatic	-206,449	4,792	0	0	0
45	0	STLM71	LinStatic	-18,297	22,155	0	0	0
45	1,1	STLM71	LinStatic	-18,297	22,155	0	0	0
45	2,2	STLM71	LinStatic	-18,297	22,155	0	0	0
45	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
45	1,1	AVVLM71	LinStatic	-43,784	40,006	0	0	0
45	2,2	AVVLM71	LinStatic	-43,784	40,006	0	0	0
45	0	SW2	LinStatic	-186,677	3,771	0	0	0
45	1,1	SW2	LinStatic	-186,677	3,771	0	0	0
45	2,2	SW2	LinStatic	-186,677	3,771	0	0	0
45	0	STSW2	LinStatic	-31,177	37,751	0	0	0
45	1,1	STSW2	LinStatic	-31,177	37,751	0	0	0
45	2,2	STSW2	LinStatic	-31,177	37,751	0	0	0
45	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
45	1,1	INCRTER	LinStatic	-139,028	168,341	0	0	0
45	2,2	INCRTER	LinStatic	-139,028	168,341	0	0	0
45	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
45	1,1	LM71SISO	LinStatic	-14,27	13,039	0	0	0
45	2,2	LM71SISO	LinStatic	-14,27	13,039	0	0	0
45	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
45	1,1	SW2SISO	LinStatic	-12,468	11,392	0	0	0
45	2,2	SW2SISO	LinStatic	-12,468	11,392	0	0	0
45	0	SISMAO	LinStatic	-96,329	95,809	0	0	0
45	1,1	SISMAO	LinStatic	-96,329	88,956	0	0	0
45	2,2	SISMAO	LinStatic	-96,329	82,103	0	0	0
45	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
45	1,1	LM71SVA	LinStatic	6,63	-0,134	0	0	0
45	2,2	LM71SVA	LinStatic	6,63	-0,134	0	0	0
45	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
45	1,1	SW2SVA	LinStatic	5,785	-0,117	0	0	0
45	2,2	SW2SVA	LinStatic	5,785	-0,117	0	0	0
45	0	SISMAVA	LinStatic	53,639	2,49	0	0	0
45	1,1	SISMAVA	LinStatic	49,8	2,49	0	0	0
45	2,2	SISMAVA	LinStatic	45,961	2,49	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	LM71SVB	LinStatic	-6,63	0,134	0	0	0
45	1,1	LM71SVB	LinStatic	-6,63	0,134	0	0	0
45	2,2	LM71SVB	LinStatic	-6,63	0,134	0	0	0
45	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
45	1,1	SW2SVB	LinStatic	-5,785	0,117	0	0	0
45	2,2	SW2SVB	LinStatic	-5,785	0,117	0	0	0
45	0	SISMAVB	LinStatic	-53,639	-2,49	0	0	0
45	1,1	SISMAVB	LinStatic	-49,8	-2,49	0	0	0
45	2,2	SISMAVB	LinStatic	-45,961	-2,49	0	0	0
46	0	PP	LinStatic	-159,703	18,799	0	0	0
46	1,1	PP	LinStatic	-134,96	18,799	0	0	0
46	2,2	PP	LinStatic	-110,217	18,799	0	0	0
46	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
46	1,1	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
46	2,2	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
46	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	0	STERRASX	LinStatic	75,992	-29,298	0	0	0
46	1,1	STERRASX	LinStatic	75,992	-66,357	0	0	0
46	2,2	STERRASX	LinStatic	75,992	-93,096	0	0	0
46	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
46	1,1	STERRADX	LinStatic	-75,992	-101,061	0	0	0
46	2,2	STERRADX	LinStatic	-75,992	-101,061	0	0	0
46	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	1,1	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	2,2	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	0	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	1,1	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	2,2	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	0	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	1,1	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	2,2	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	0	LM71C	LinStatic	-184,555	-5,815	0	0	0
46	1,1	LM71C	LinStatic	-184,555	-5,815	0	0	0
46	2,2	LM71C	LinStatic	-184,555	-5,815	0	0	0
46	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
46	1,1	LM71SX	LinStatic	-206,449	-4,792	0	0	0
46	2,2	LM71SX	LinStatic	-206,449	-4,792	0	0	0
46	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
46	1,1	LM71DX	LinStatic	-162,66	-4,792	0	0	0
46	2,2	LM71DX	LinStatic	-162,66	-4,792	0	0	0
46	0	STLM71	LinStatic	18,297	2,464	0	0	0
46	1,1	STLM71	LinStatic	18,297	-7,755	0	0	0
46	2,2	STLM71	LinStatic	18,297	-17,974	0	0	0
46	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
46	1,1	AVVLM71	LinStatic	43,784	40,006	0	0	0
46	2,2	AVVLM71	LinStatic	43,784	40,006	0	0	0
46	0	SW2	LinStatic	-186,677	-3,771	0	0	0
46	1,1	SW2	LinStatic	-186,677	-3,771	0	0	0
46	2,2	SW2	LinStatic	-186,677	-3,771	0	0	0
46	0	STSW2	LinStatic	31,177	4,199	0	0	0
46	1,1	STSW2	LinStatic	31,177	-13,214	0	0	0
46	2,2	STSW2	LinStatic	31,177	-30,627	0	0	0
46	0	INCRTER	LinStatic	139,028	18,723	0	0	0
46	1,1	INCRTER	LinStatic	139,028	-58,926	0	0	0
46	2,2	INCRTER	LinStatic	139,028	-136,575	0	0	0
46	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
46	1,1	LM71SISO	LinStatic	14,27	13,039	0	0	0
46	2,2	LM71SISO	LinStatic	14,27	13,039	0	0	0
46	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
46	1,1	SW2SISO	LinStatic	12,468	11,392	0	0	0
46	2,2	SW2SISO	LinStatic	12,468	11,392	0	0	0
46	0	SISMAO	LinStatic	96,329	82,103	0	0	0
46	1,1	SISMAO	LinStatic	96,329	75,25	0	0	0
46	2,2	SISMAO	LinStatic	96,329	68,397	0	0	0
46	0	LM71SVA	LinStatic	6,63	0,134	0	0	0
46	1,1	LM71SVA	LinStatic	6,63	0,134	0	0	0
46	2,2	LM71SVA	LinStatic	6,63	0,134	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	SW2SVA	LinStatic	5,785	0,117	0	0	0
46	1,1	SW2SVA	LinStatic	5,785	0,117	0	0	0
46	2,2	SW2SVA	LinStatic	5,785	0,117	0	0	0
46	0	SISMAVA	LinStatic	45,961	-2,49	0	0	0
46	1,1	SISMAVA	LinStatic	42,122	-2,49	0	0	0
46	2,2	SISMAVA	LinStatic	38,283	-2,49	0	0	0
46	0	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
46	1,1	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
46	2,2	LM71SVB	LinStatic	-6,63	-0,134	0	0	0
46	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
46	1,1	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
46	2,2	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
46	0	SISMAVB	LinStatic	-45,961	2,49	0	0	0
46	1,1	SISMAVB	LinStatic	-42,122	2,49	0	0	0
46	2,2	SISMAVB	LinStatic	-38,283	2,49	0	0	0
47	0	PP	LinStatic	-159,703	-18,799	0	0	0
47	1,1	PP	LinStatic	-134,96	-18,799	0	0	0
47	2,2	PP	LinStatic	-110,217	-18,799	0	0	0
47	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
47	1,1	REINTSUP	LinStatic	-72,624	1,467	0	0	0
47	2,2	REINTSUP	LinStatic	-72,624	1,467	0	0	0
47	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
47	1,1	STERRASX	LinStatic	-75,992	101,061	0	0	0
47	2,2	STERRASX	LinStatic	-75,992	101,061	0	0	0
47	0	STERRADX	LinStatic	75,992	29,298	0	0	0
47	1,1	STERRADX	LinStatic	75,992	66,357	0	0	0
47	2,2	STERRADX	LinStatic	75,992	93,096	0	0	0
47	0	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	1,1	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	2,2	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	0	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	1,1	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	2,2	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	1,1	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	2,2	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	1,1	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	2,2	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	0	LM71C	LinStatic	-184,554	5,815	0	0	0
47	1,1	LM71C	LinStatic	-184,554	5,815	0	0	0
47	2,2	LM71C	LinStatic	-184,554	5,815	0	0	0
47	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
47	1,1	LM71SX	LinStatic	-162,66	4,792	0	0	0
47	2,2	LM71SX	LinStatic	-162,66	4,792	0	0	0
47	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
47	1,1	LM71DX	LinStatic	-206,449	4,792	0	0	0
47	2,2	LM71DX	LinStatic	-206,449	4,792	0	0	0
47	0	STLM71	LinStatic	-18,297	22,155	0	0	0
47	1,1	STLM71	LinStatic	-18,297	22,155	0	0	0
47	2,2	STLM71	LinStatic	-18,297	22,155	0	0	0
47	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
47	1,1	AVVLM71	LinStatic	-43,784	40,006	0	0	0
47	2,2	AVVLM71	LinStatic	-43,784	40,006	0	0	0
47	0	SW2	LinStatic	-186,677	3,771	0	0	0
47	1,1	SW2	LinStatic	-186,677	3,771	0	0	0
47	2,2	SW2	LinStatic	-186,677	3,771	0	0	0
47	0	STSW2	LinStatic	-31,177	37,751	0	0	0
47	1,1	STSW2	LinStatic	-31,177	37,751	0	0	0
47	2,2	STSW2	LinStatic	-31,177	37,751	0	0	0
47	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
47	1,1	INCRTER	LinStatic	-139,028	168,341	0	0	0
47	2,2	INCRTER	LinStatic	-139,028	168,341	0	0	0
47	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
47	1,1	LM71SISO	LinStatic	-14,27	13,039	0	0	0
47	2,2	LM71SISO	LinStatic	-14,27	13,039	0	0	0
47	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
47	1,1	SW2SISO	LinStatic	-12,468	11,392	0	0	0
47	2,2	SW2SISO	LinStatic	-12,468	11,392	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	SISMAO	LinStatic	-96,329	82,103	0	0	0
47	1,1	SISMAO	LinStatic	-96,329	75,25	0	0	0
47	2,2	SISMAO	LinStatic	-96,329	68,397	0	0	0
47	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
47	1,1	LM71SVA	LinStatic	6,63	-0,134	0	0	0
47	2,2	LM71SVA	LinStatic	6,63	-0,134	0	0	0
47	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
47	1,1	SW2SVA	LinStatic	5,785	-0,117	0	0	0
47	2,2	SW2SVA	LinStatic	5,785	-0,117	0	0	0
47	0	SISMAVA	LinStatic	45,961	2,49	0	0	0
47	1,1	SISMAVA	LinStatic	42,122	2,49	0	0	0
47	2,2	SISMAVA	LinStatic	38,283	2,49	0	0	0
47	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
47	1,1	LM71SVB	LinStatic	-6,63	0,134	0	0	0
47	2,2	LM71SVB	LinStatic	-6,63	0,134	0	0	0
47	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
47	1,1	SW2SVB	LinStatic	-5,785	0,117	0	0	0
47	2,2	SW2SVB	LinStatic	-5,785	0,117	0	0	0
47	0	SISMAVB	LinStatic	-45,961	-2,49	0	0	0
47	1,1	SISMAVB	LinStatic	-42,122	-2,49	0	0	0
47	2,2	SISMAVB	LinStatic	-38,283	-2,49	0	0	0
48	0	PP	LinStatic	-110,217	18,799	0	0	0
48	0,1125	PP	LinStatic	-107,687	18,799	0	0	0
48	0,225	PP	LinStatic	-105,156	18,799	0	0	0
48	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
48	0,1125	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
48	0,225	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
48	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0,1125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0,225	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0	STERRASX	LinStatic	75,992	-93,096	0	0	0
48	0,1125	STERRASX	LinStatic	75,992	-95,249	0	0	0
48	0,225	STERRASX	LinStatic	75,992	-97,294	0	0	0
48	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
48	0,1125	STERRADX	LinStatic	-75,992	-101,061	0	0	0
48	0,225	STERRADX	LinStatic	-75,992	-101,061	0	0	0
48	0	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0,1125	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0,225	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0,1125	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0,225	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0	GRADTP	LinStatic	0	8,746	0	0	0
48	0,1125	GRADTP	LinStatic	0	8,746	0	0	0
48	0,225	GRADTP	LinStatic	0	8,746	0	0	0
48	0	GRADTN	LinStatic	0	-8,746	0	0	0
48	0,1125	GRADTN	LinStatic	0	-8,746	0	0	0
48	0,225	GRADTN	LinStatic	0	-8,746	0	0	0
48	0	LM71C	LinStatic	-184,554	-5,815	0	0	0
48	0,1125	LM71C	LinStatic	-184,554	-5,815	0	0	0
48	0,225	LM71C	LinStatic	-184,554	-5,815	0	0	0
48	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
48	0,1125	LM71SX	LinStatic	-206,449	-4,792	0	0	0
48	0,225	LM71SX	LinStatic	-206,449	-4,792	0	0	0
48	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
48	0,1125	LM71DX	LinStatic	-162,66	-4,792	0	0	0
48	0,225	LM71DX	LinStatic	-162,66	-4,792	0	0	0
48	0	STLM71	LinStatic	18,297	-17,974	0	0	0
48	0,1125	STLM71	LinStatic	18,297	-19,019	0	0	0
48	0,225	STLM71	LinStatic	18,297	-20,064	0	0	0
48	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
48	0,1125	AVVLM71	LinStatic	43,784	40,006	0	0	0
48	0,225	AVVLM71	LinStatic	43,784	40,006	0	0	0
48	0	SW2	LinStatic	-186,677	-3,771	0	0	0
48	0,1125	SW2	LinStatic	-186,677	-3,771	0	0	0
48	0,225	SW2	LinStatic	-186,677	-3,771	0	0	0
48	0	STSW2	LinStatic	31,177	-30,627	0	0	0
48	0,1125	STSW2	LinStatic	31,177	-32,408	0	0	0
48	0,225	STSW2	LinStatic	31,177	-34,189	0	0	0
48	0	INCRTER	LinStatic	139,028	-136,575	0	0	0
48	0,1125	INCRTER	LinStatic	139,028	-144,517	0	0	0
48	0,225	INCRTER	LinStatic	139,028	-152,458	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
48	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
48	0,1125	LM71SISO	LinStatic	14,27	13,039	0	0	0
48	0,225	LM71SISO	LinStatic	14,27	13,039	0	0	0
48	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
48	0,1125	SW2SISO	LinStatic	12,468	11,392	0	0	0
48	0,225	SW2SISO	LinStatic	12,468	11,392	0	0	0
48	0	SISMAO	LinStatic	96,329	68,397	0	0	0
48	0,1125	SISMAO	LinStatic	96,329	67,696	0	0	0
48	0,225	SISMAO	LinStatic	96,329	66,995	0	0	0
48	0	LM71SVA	LinStatic	6,631	0,134	0	0	0
48	0,1125	LM71SVA	LinStatic	6,631	0,134	0	0	0
48	0,225	LM71SVA	LinStatic	6,631	0,134	0	0	0
48	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
48	0,1125	SW2SVA	LinStatic	5,785	0,117	0	0	0
48	0,225	SW2SVA	LinStatic	5,785	0,117	0	0	0
48	0	SISMAVA	LinStatic	38,283	-2,49	0	0	0
48	0,1125	SISMAVA	LinStatic	37,89	-2,49	0	0	0
48	0,225	SISMAVA	LinStatic	37,498	-2,49	0	0	0
48	0	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
48	0,1125	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
48	0,225	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
48	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
48	0,1125	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
48	0,225	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
48	0	SISMAVB	LinStatic	-38,283	2,49	0	0	0
48	0,1125	SISMAVB	LinStatic	-37,89	2,49	0	0	0
48	0,225	SISMAVB	LinStatic	-37,498	2,49	0	0	0
49	0	PP	LinStatic	-110,217	-18,799	0	0	0
49	0,1125	PP	LinStatic	-107,687	-18,799	0	0	0
49	0,225	PP	LinStatic	-105,156	-18,799	0	0	0
49	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
49	0,1125	REINTSUP	LinStatic	-72,624	1,467	0	0	0
49	0,225	REINTSUP	LinStatic	-72,624	1,467	0	0	0
49	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0,1125	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0,225	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
49	0,1125	STERRASX	LinStatic	-75,992	101,061	0	0	0
49	0,225	STERRASX	LinStatic	-75,992	101,061	0	0	0
49	0	STERRADX	LinStatic	75,992	93,096	0	0	0
49	0,1125	STERRADX	LinStatic	75,992	95,249	0	0	0
49	0,225	STERRADX	LinStatic	75,992	97,294	0	0	0
49	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0,1125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0,225	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0,1125	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0,225	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0,1125	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0,225	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0,1125	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0,225	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0	LM71C	LinStatic	-184,554	5,815	0	0	0
49	0,1125	LM71C	LinStatic	-184,554	5,815	0	0	0
49	0,225	LM71C	LinStatic	-184,554	5,815	0	0	0
49	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
49	0,1125	LM71SX	LinStatic	-162,66	4,792	0	0	0
49	0,225	LM71SX	LinStatic	-162,66	4,792	0	0	0
49	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
49	0,1125	LM71DX	LinStatic	-206,449	4,792	0	0	0
49	0,225	LM71DX	LinStatic	-206,449	4,792	0	0	0
49	0	STLM71	LinStatic	-18,297	22,155	0	0	0
49	0,1125	STLM71	LinStatic	-18,297	22,155	0	0	0
49	0,225	STLM71	LinStatic	-18,297	22,155	0	0	0
49	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
49	0,1125	AVVLM71	LinStatic	-43,784	40,006	0	0	0
49	0,225	AVVLM71	LinStatic	-43,784	40,006	0	0	0
49	0	SW2	LinStatic	-186,677	3,771	0	0	0
49	0,1125	SW2	LinStatic	-186,677	3,771	0	0	0
49	0,225	SW2	LinStatic	-186,677	3,771	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
49	0	STSW2	LinStatic	-31,177	37,751	0	0	0
49	0,1125	STSW2	LinStatic	-31,177	37,751	0	0	0
49	0,225	STSW2	LinStatic	-31,177	37,751	0	0	0
49	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
49	0,1125	INCRTER	LinStatic	-139,028	168,341	0	0	0
49	0,225	INCRTER	LinStatic	-139,028	168,341	0	0	0
49	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
49	0,1125	LM71SISO	LinStatic	-14,27	13,039	0	0	0
49	0,225	LM71SISO	LinStatic	-14,27	13,039	0	0	0
49	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
49	0,1125	SW2SISO	LinStatic	-12,468	11,392	0	0	0
49	0,225	SW2SISO	LinStatic	-12,468	11,392	0	0	0
49	0	SISMAO	LinStatic	-96,329	68,397	0	0	0
49	0,1125	SISMAO	LinStatic	-96,329	67,696	0	0	0
49	0,225	SISMAO	LinStatic	-96,329	66,995	0	0	0
49	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
49	0,1125	LM71SVA	LinStatic	6,63	-0,134	0	0	0
49	0,225	LM71SVA	LinStatic	6,63	-0,134	0	0	0
49	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
49	0,1125	SW2SVA	LinStatic	5,785	-0,117	0	0	0
49	0,225	SW2SVA	LinStatic	5,785	-0,117	0	0	0
49	0	SISMAVA	LinStatic	38,283	2,49	0	0	0
49	0,1125	SISMAVA	LinStatic	37,89	2,49	0	0	0
49	0,225	SISMAVA	LinStatic	37,498	2,49	0	0	0
49	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
49	0,1125	LM71SVB	LinStatic	-6,63	0,134	0	0	0
49	0,225	LM71SVB	LinStatic	-6,63	0,134	0	0	0
49	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
49	0,1125	SW2SVB	LinStatic	-5,785	0,117	0	0	0
49	0,225	SW2SVB	LinStatic	-5,785	0,117	0	0	0
49	0	SISMAVB	LinStatic	-38,283	-2,49	0	0	0
49	0,1125	SISMAVB	LinStatic	-37,89	-2,49	0	0	0
49	0,225	SISMAVB	LinStatic	-37,498	-2,49	0	0	0
50	0	PP	LinStatic	-105,156	18,799	0	0	0
50	0,1125	PP	LinStatic	-102,626	18,799	0	0	0
50	0,225	PP	LinStatic	-100,095	18,799	0	0	0
50	0	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
50	0,1125	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
50	0,225	REINTSUP	LinStatic	-72,624	-1,467	0	0	0
50	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0,1125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0,225	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0	STERRASX	LinStatic	75,992	-97,294	0	0	0
50	0,1125	STERRASX	LinStatic	75,992	-99,231	0	0	0
50	0,225	STERRASX	LinStatic	75,992	-101,061	0	0	0
50	0	STERRADX	LinStatic	-75,992	-101,061	0	0	0
50	0,1125	STERRADX	LinStatic	-75,992	-101,061	0	0	0
50	0,225	STERRADX	LinStatic	-75,992	-101,061	0	0	0
50	0	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0,1125	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0,225	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0,1125	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0,225	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0,1125	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0,225	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0,1125	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0,225	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0	LM71C	LinStatic	-184,555	-5,815	0	0	0
50	0,1125	LM71C	LinStatic	-184,555	-5,815	0	0	0
50	0,225	LM71C	LinStatic	-184,555	-5,815	0	0	0
50	0	LM71SX	LinStatic	-206,449	-4,792	0	0	0
50	0,1125	LM71SX	LinStatic	-206,449	-4,792	0	0	0
50	0,225	LM71SX	LinStatic	-206,449	-4,792	0	0	0
50	0	LM71DX	LinStatic	-162,66	-4,792	0	0	0
50	0,1125	LM71DX	LinStatic	-162,66	-4,792	0	0	0
50	0,225	LM71DX	LinStatic	-162,66	-4,792	0	0	0
50	0	STLM71	LinStatic	18,297	-20,064	0	0	0
50	0,1125	STLM71	LinStatic	18,297	-21,109	0	0	0
50	0,225	STLM71	LinStatic	18,297	-22,155	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
50	0	AVVLM71	LinStatic	43,784	40,006	0	0	0
50	0,1125	AVVLM71	LinStatic	43,784	40,006	0	0	0
50	0,225	AVVLM71	LinStatic	43,784	40,006	0	0	0
50	0	SW2	LinStatic	-186,678	-3,771	0	0	0
50	0,1125	SW2	LinStatic	-186,678	-3,771	0	0	0
50	0,225	SW2	LinStatic	-186,678	-3,771	0	0	0
50	0	STSW2	LinStatic	31,177	-34,189	0	0	0
50	0,1125	STSW2	LinStatic	31,177	-35,97	0	0	0
50	0,225	STSW2	LinStatic	31,177	-37,751	0	0	0
50	0	INCRTER	LinStatic	139,028	-152,458	0	0	0
50	0,1125	INCRTER	LinStatic	139,028	-160,4	0	0	0
50	0,225	INCRTER	LinStatic	139,028	-168,341	0	0	0
50	0	LM71SISO	LinStatic	14,27	13,039	0	0	0
50	0,1125	LM71SISO	LinStatic	14,27	13,039	0	0	0
50	0,225	LM71SISO	LinStatic	14,27	13,039	0	0	0
50	0	SW2SISO	LinStatic	12,468	11,392	0	0	0
50	0,1125	SW2SISO	LinStatic	12,468	11,392	0	0	0
50	0,225	SW2SISO	LinStatic	12,468	11,392	0	0	0
50	0	SISMAO	LinStatic	96,329	66,995	0	0	0
50	0,1125	SISMAO	LinStatic	96,329	66,294	0	0	0
50	0,225	SISMAO	LinStatic	96,329	65,593	0	0	0
50	0	LM71SVA	LinStatic	6,631	0,134	0	0	0
50	0,1125	LM71SVA	LinStatic	6,631	0,134	0	0	0
50	0,225	LM71SVA	LinStatic	6,631	0,134	0	0	0
50	0	SW2SVA	LinStatic	5,785	0,117	0	0	0
50	0,1125	SW2SVA	LinStatic	5,785	0,117	0	0	0
50	0,225	SW2SVA	LinStatic	5,785	0,117	0	0	0
50	0	SISMAVA	LinStatic	37,498	-2,49	0	0	0
50	0,1125	SISMAVA	LinStatic	37,105	-2,49	0	0	0
50	0,225	SISMAVA	LinStatic	36,713	-2,49	0	0	0
50	0	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
50	0,1125	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
50	0,225	LM71SVB	LinStatic	-6,631	-0,134	0	0	0
50	0	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
50	0,1125	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
50	0,225	SW2SVB	LinStatic	-5,785	-0,117	0	0	0
50	0	SISMAVB	LinStatic	-37,498	2,49	0	0	0
50	0,1125	SISMAVB	LinStatic	-37,105	2,49	0	0	0
50	0,225	SISMAVB	LinStatic	-36,713	2,49	0	0	0
51	0	PP	LinStatic	-105,156	-18,799	0	0	0
51	0,1125	PP	LinStatic	-102,626	-18,799	0	0	0
51	0,225	PP	LinStatic	-100,095	-18,799	0	0	0
51	0	REINTSUP	LinStatic	-72,624	1,467	0	0	0
51	0,1125	REINTSUP	LinStatic	-72,624	1,467	0	0	0
51	0,225	REINTSUP	LinStatic	-72,624	1,467	0	0	0
51	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0,1125	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0,225	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0	STERRASX	LinStatic	-75,992	101,061	0	0	0
51	0,1125	STERRASX	LinStatic	-75,992	101,061	0	0	0
51	0,225	STERRASX	LinStatic	-75,992	101,061	0	0	0
51	0	STERRADX	LinStatic	75,992	97,294	0	0	0
51	0,1125	STERRADX	LinStatic	75,992	99,231	0	0	0
51	0,225	STERRADX	LinStatic	75,992	101,061	0	0	0
51	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0,1125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0,225	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0,1125	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0,225	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0,1125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0,225	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0,1125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0,225	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0	LM71C	LinStatic	-184,554	5,815	0	0	0
51	0,1125	LM71C	LinStatic	-184,554	5,815	0	0	0
51	0,225	LM71C	LinStatic	-184,554	5,815	0	0	0
51	0	LM71SX	LinStatic	-162,66	4,792	0	0	0
51	0,1125	LM71SX	LinStatic	-162,66	4,792	0	0	0
51	0,225	LM71SX	LinStatic	-162,66	4,792	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
51	0	LM71DX	LinStatic	-206,449	4,792	0	0	0
51	0,1125	LM71DX	LinStatic	-206,449	4,792	0	0	0
51	0,225	LM71DX	LinStatic	-206,449	4,792	0	0	0
51	0	STLM71	LinStatic	-18,297	22,155	0	0	0
51	0,1125	STLM71	LinStatic	-18,297	22,155	0	0	0
51	0,225	STLM71	LinStatic	-18,297	22,155	0	0	0
51	0	AVVLM71	LinStatic	-43,784	40,006	0	0	0
51	0,1125	AVVLM71	LinStatic	-43,784	40,006	0	0	0
51	0,225	AVVLM71	LinStatic	-43,784	40,006	0	0	0
51	0	SW2	LinStatic	-186,677	3,771	0	0	0
51	0,1125	SW2	LinStatic	-186,677	3,771	0	0	0
51	0,225	SW2	LinStatic	-186,677	3,771	0	0	0
51	0	STSW2	LinStatic	-31,177	37,751	0	0	0
51	0,1125	STSW2	LinStatic	-31,177	37,751	0	0	0
51	0,225	STSW2	LinStatic	-31,177	37,751	0	0	0
51	0	INCRTER	LinStatic	-139,028	168,341	0	0	0
51	0,1125	INCRTER	LinStatic	-139,028	168,341	0	0	0
51	0,225	INCRTER	LinStatic	-139,028	168,341	0	0	0
51	0	LM71SISO	LinStatic	-14,27	13,039	0	0	0
51	0,1125	LM71SISO	LinStatic	-14,27	13,039	0	0	0
51	0,225	LM71SISO	LinStatic	-14,27	13,039	0	0	0
51	0	SW2SISO	LinStatic	-12,468	11,392	0	0	0
51	0,1125	SW2SISO	LinStatic	-12,468	11,392	0	0	0
51	0,225	SW2SISO	LinStatic	-12,468	11,392	0	0	0
51	0	SISMAO	LinStatic	-96,329	66,995	0	0	0
51	0,1125	SISMAO	LinStatic	-96,329	66,294	0	0	0
51	0,225	SISMAO	LinStatic	-96,329	65,593	0	0	0
51	0	LM71SVA	LinStatic	6,63	-0,134	0	0	0
51	0,1125	LM71SVA	LinStatic	6,63	-0,134	0	0	0
51	0,225	LM71SVA	LinStatic	6,63	-0,134	0	0	0
51	0	SW2SVA	LinStatic	5,785	-0,117	0	0	0
51	0,1125	SW2SVA	LinStatic	5,785	-0,117	0	0	0
51	0,225	SW2SVA	LinStatic	5,785	-0,117	0	0	0
51	0	SISMAVA	LinStatic	37,498	2,49	0	0	0
51	0,1125	SISMAVA	LinStatic	37,105	2,49	0	0	0
51	0,225	SISMAVA	LinStatic	36,712	2,49	0	0	0
51	0	LM71SVB	LinStatic	-6,63	0,134	0	0	0
51	0,1125	LM71SVB	LinStatic	-6,63	0,134	0	0	0
51	0,225	LM71SVB	LinStatic	-6,63	0,134	0	0	0
51	0	SW2SVB	LinStatic	-5,785	0,117	0	0	0
51	0,1125	SW2SVB	LinStatic	-5,785	0,117	0	0	0
51	0,225	SW2SVB	LinStatic	-5,785	0,117	0	0	0
51	0	SISMAVB	LinStatic	-37,498	-2,49	0	0	0
51	0,1125	SISMAVB	LinStatic	-37,105	-2,49	0	0	0
51	0,225	SISMAVB	LinStatic	-36,712	-2,49	0	0	0
52	0	PP	LinStatic	18,799	-100,095	0	0	0
52	0,225	PP	LinStatic	18,799	-95,034	0	0	0
52	0	REINTSUP	LinStatic	-1,467	-72,624	0	0	0
52	0,225	REINTSUP	LinStatic	-1,467	-68,952	0	0	0
52	0	BALLAST	LinStatic	-1,294	-64,08	0	0	0
52	0,225	BALLAST	LinStatic	-1,294	-60,84	0	0	0
52	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
52	0,225	STERRASX	LinStatic	-101,061	75,992	0	0	0
52	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
52	0,225	STERRADX	LinStatic	-101,061	-75,992	0	0	0
52	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
52	0,225	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
52	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
52	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
52	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
52	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
52	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
52	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
52	0	LM71C	LinStatic	-5,815	-184,555	0	0	0
52	0,225	LM71C	LinStatic	-5,815	-179,017	0	0	0
52	0	LM71SX	LinStatic	-4,792	-206,449	0	0	0
52	0,225	LM71SX	LinStatic	-4,792	-195,635	0	0	0
52	0	LM71DX	LinStatic	-4,792	-162,66	0	0	0
52	0,225	LM71DX	LinStatic	-4,792	-157,123	0	0	0
52	0	STLM71	LinStatic	-22,155	18,297	0	0	0
52	0,225	STLM71	LinStatic	-22,155	18,297	0	0	0
52	0	AVVLM71	LinStatic	40,006	43,784	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
52	0,225	AVVLM71	LinStatic	37,983	43,784	0	0	0
52	0	SW2	LinStatic	-3,771	-186,678	0	0	0
52	0,225	SW2	LinStatic	-3,771	-177,239	0	0	0
52	0	STSW2	LinStatic	-37,751	31,177	0	0	0
52	0,225	STSW2	LinStatic	-37,751	31,177	0	0	0
52	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
52	0,225	INCRTER	LinStatic	-168,341	139,028	0	0	0
52	0	LM71SISO	LinStatic	13,039	14,27	0	0	0
52	0,225	LM71SISO	LinStatic	12,379	14,27	0	0	0
52	0	SW2SISO	LinStatic	11,392	12,468	0	0	0
52	0,225	SW2SISO	LinStatic	10,816	12,468	0	0	0
52	0	SISMAO	LinStatic	65,593	96,329	0	0	0
52	0,225	SISMAO	LinStatic	62,277	96,329	0	0	0
52	0	LM71SVA	LinStatic	0,134	6,631	0	0	0
52	0,225	LM71SVA	LinStatic	0,134	6,295	0	0	0
52	0	SW2SVA	LinStatic	0,117	5,785	0	0	0
52	0,225	SW2SVA	LinStatic	0,117	5,493	0	0	0
52	0	SISMAVA	LinStatic	-2,49	36,713	0	0	0
52	0,225	SISMAVA	LinStatic	-2,49	34,856	0	0	0
52	0	LM71SVB	LinStatic	-0,134	-6,631	0	0	0
52	0,225	LM71SVB	LinStatic	-0,134	-6,295	0	0	0
52	0	SW2SVB	LinStatic	-0,117	-5,785	0	0	0
52	0,225	SW2SVB	LinStatic	-0,117	-5,493	0	0	0
52	0	SISMAVB	LinStatic	2,49	-36,713	0	0	0
52	0,225	SISMAVB	LinStatic	2,49	-34,856	0	0	0
53	0	PP	LinStatic	18,799	-95,034	0	0	0
53	0,225	PP	LinStatic	18,799	-89,973	0	0	0
53	0	REINTSUP	LinStatic	-1,467	-68,952	0	0	0
53	0,225	REINTSUP	LinStatic	-1,467	-65,28	0	0	0
53	0	BALLAST	LinStatic	-1,294	-60,84	0	0	0
53	0,225	BALLAST	LinStatic	-1,294	-57,6	0	0	0
53	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
53	0,225	STERRASX	LinStatic	-101,061	75,992	0	0	0
53	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
53	0,225	STERRADX	LinStatic	-101,061	-75,992	0	0	0
53	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
53	0,225	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
53	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
53	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
53	0	GRADTP	LinStatic	8,746	0	0	0	0
53	0,225	GRADTP	LinStatic	8,746	0	0	0	0
53	0	GRADTN	LinStatic	-8,746	0	0	0	0
53	0,225	GRADTN	LinStatic	-8,746	0	0	0	0
53	0	LM71C	LinStatic	-5,815	-179,017	0	0	0
53	0,225	LM71C	LinStatic	-5,815	-173,48	0	0	0
53	0	LM71SX	LinStatic	-4,792	-195,635	0	0	0
53	0,225	LM71SX	LinStatic	-4,792	-184,822	0	0	0
53	0	LM71DX	LinStatic	-4,792	-157,123	0	0	0
53	0,225	LM71DX	LinStatic	-4,792	-151,586	0	0	0
53	0	STLM71	LinStatic	-22,155	18,297	0	0	0
53	0,225	STLM71	LinStatic	-22,155	18,297	0	0	0
53	0	AVVLM71	LinStatic	37,983	43,784	0	0	0
53	0,225	AVVLM71	LinStatic	35,96	43,784	0	0	0
53	0	SW2	LinStatic	-3,771	-177,239	0	0	0
53	0,225	SW2	LinStatic	-3,771	-167,8	0	0	0
53	0	STSW2	LinStatic	-37,751	31,177	0	0	0
53	0,225	STSW2	LinStatic	-37,751	31,177	0	0	0
53	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
53	0,225	INCRTER	LinStatic	-168,341	139,028	0	0	0
53	0	LM71SISO	LinStatic	12,379	14,27	0	0	0
53	0,225	LM71SISO	LinStatic	11,72	14,27	0	0	0
53	0	SW2SISO	LinStatic	10,816	12,468	0	0	0
53	0,225	SW2SISO	LinStatic	10,24	12,468	0	0	0
53	0	SISMAO	LinStatic	62,277	96,329	0	0	0
53	0,225	SISMAO	LinStatic	58,96	96,329	0	0	0
53	0	LM71SVA	LinStatic	0,134	6,295	0	0	0
53	0,225	LM71SVA	LinStatic	0,134	5,96	0	0	0
53	0	SW2SVA	LinStatic	0,117	5,493	0	0	0
53	0,225	SW2SVA	LinStatic	0,117	5,2	0	0	0
53	0	SISMAVA	LinStatic	-2,49	34,856	0	0	0
53	0,225	SISMAVA	LinStatic	-2,49	33	0	0	0
53	0	LM71SVB	LinStatic	-0,134	-6,295	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
53	0,225	LM71SVB	LinStatic	-0,134	-5,96	0	0	0
53	0	SW2SVB	LinStatic	-0,117	-5,493	0	0	0
53	0,225	SW2SVB	LinStatic	-0,117	-5,2	0	0	0
53	0	SISMAVB	LinStatic	2,49	-34,856	0	0	0
53	0,225	SISMAVB	LinStatic	2,49	-33	0	0	0
54	0	PP	LinStatic	18,799	-89,973	0	0	0
54	0,4	PP	LinStatic	18,799	-80,976	0	0	0
54	0,8	PP	LinStatic	18,799	-71,979	0	0	0
54	0	REINTSUP	LinStatic	-1,467	-65,28	0	0	0
54	0,4	REINTSUP	LinStatic	-1,467	-58,752	0	0	0
54	0,8	REINTSUP	LinStatic	-1,467	-52,224	0	0	0
54	0	BALLAST	LinStatic	-1,294	-57,6	0	0	0
54	0,4	BALLAST	LinStatic	-1,294	-51,84	0	0	0
54	0,8	BALLAST	LinStatic	-1,294	-46,08	0	0	0
54	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
54	0,4	STERRASX	LinStatic	-101,061	75,992	0	0	0
54	0,8	STERRASX	LinStatic	-101,061	75,992	0	0	0
54	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
54	0,4	STERRADX	LinStatic	-101,061	-75,992	0	0	0
54	0,8	STERRADX	LinStatic	-101,061	-75,992	0	0	0
54	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0,4	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0,8	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0,4	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0,8	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0,4	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0,8	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0,4	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0,8	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0	LM71C	LinStatic	-5,815	-173,48	0	0	0
54	0,4	LM71C	LinStatic	-5,815	-163,636	0	0	0
54	0,8	LM71C	LinStatic	-5,815	-153,792	0	0	0
54	0	LM71SX	LinStatic	-4,792	-184,822	0	0	0
54	0,4	LM71SX	LinStatic	-4,792	-165,598	0	0	0
54	0,8	LM71SX	LinStatic	-4,792	-146,374	0	0	0
54	0	LM71DX	LinStatic	-4,792	-151,586	0	0	0
54	0,4	LM71DX	LinStatic	-4,792	-141,742	0	0	0
54	0,8	LM71DX	LinStatic	-4,792	-131,898	0	0	0
54	0	STLM71	LinStatic	-22,155	18,297	0	0	0
54	0,4	STLM71	LinStatic	-22,155	18,297	0	0	0
54	0,8	STLM71	LinStatic	-22,155	18,297	0	0	0
54	0	AVVLM71	LinStatic	35,96	43,784	0	0	0
54	0,4	AVVLM71	LinStatic	32,364	43,784	0	0	0
54	0,8	AVVLM71	LinStatic	28,768	43,784	0	0	0
54	0	SW2	LinStatic	-3,771	-167,8	0	0	0
54	0,4	SW2	LinStatic	-3,771	-151,02	0	0	0
54	0,8	SW2	LinStatic	-3,771	-134,24	0	0	0
54	0	STSW2	LinStatic	-37,751	31,177	0	0	0
54	0,4	STSW2	LinStatic	-37,751	31,177	0	0	0
54	0,8	STSW2	LinStatic	-37,751	31,177	0	0	0
54	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
54	0,4	INCRTER	LinStatic	-168,341	139,028	0	0	0
54	0,8	INCRTER	LinStatic	-168,341	139,028	0	0	0
54	0	LM71SISO	LinStatic	11,72	14,27	0	0	0
54	0,4	LM71SISO	LinStatic	10,548	14,27	0	0	0
54	0,8	LM71SISO	LinStatic	9,376	14,27	0	0	0
54	0	SW2SISO	LinStatic	10,24	12,468	0	0	0
54	0,4	SW2SISO	LinStatic	9,216	12,468	0	0	0
54	0,8	SW2SISO	LinStatic	8,192	12,468	0	0	0
54	0	SISMAO	LinStatic	58,96	96,329	0	0	0
54	0,4	SISMAO	LinStatic	53,064	96,329	0	0	0
54	0,8	SISMAO	LinStatic	47,168	96,329	0	0	0
54	0	LM71SVA	LinStatic	0,134	5,96	0	0	0
54	0,4	LM71SVA	LinStatic	0,134	5,364	0	0	0
54	0,8	LM71SVA	LinStatic	0,134	4,768	0	0	0
54	0	SW2SVA	LinStatic	0,117	5,2	0	0	0
54	0,4	SW2SVA	LinStatic	0,117	4,68	0	0	0
54	0,8	SW2SVA	LinStatic	0,117	4,16	0	0	0
54	0	SISMAVA	LinStatic	-2,49	33	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
54	0,4	SISMAVA	LinStatic	-2,49	29,7	0	0	0
54	0,8	SISMAVA	LinStatic	-2,49	26,4	0	0	0
54	0	LM71SVB	LinStatic	-0,134	-5,96	0	0	0
54	0,4	LM71SVB	LinStatic	-0,134	-5,364	0	0	0
54	0,8	LM71SVB	LinStatic	-0,134	-4,768	0	0	0
54	0	SW2SVB	LinStatic	-0,117	-5,2	0	0	0
54	0,4	SW2SVB	LinStatic	-0,117	-4,68	0	0	0
54	0,8	SW2SVB	LinStatic	-0,117	-4,16	0	0	0
54	0	SISMAVB	LinStatic	2,49	-33	0	0	0
54	0,4	SISMAVB	LinStatic	2,49	-29,7	0	0	0
54	0,8	SISMAVB	LinStatic	2,49	-26,4	0	0	0
55	0	PP	LinStatic	18,799	-71,979	0	0	0
55	0,41667	PP	LinStatic	18,799	-62,607	0	0	0
55	0,83333	PP	LinStatic	18,799	-53,234	0	0	0
55	1,25	PP	LinStatic	18,799	-43,862	0	0	0
55	0	REINTSUP	LinStatic	-1,467	-52,224	0	0	0
55	0,41667	REINTSUP	LinStatic	-1,467	-45,424	0	0	0
55	0,83333	REINTSUP	LinStatic	-1,467	-38,624	0	0	0
55	1,25	REINTSUP	LinStatic	-1,467	-31,824	0	0	0
55	0	BALLAST	LinStatic	-1,294	-46,08	0	0	0
55	0,41667	BALLAST	LinStatic	-1,294	-40,08	0	0	0
55	0,83333	BALLAST	LinStatic	-1,294	-34,08	0	0	0
55	1,25	BALLAST	LinStatic	-1,294	-28,08	0	0	0
55	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
55	0,41667	STERRASX	LinStatic	-101,061	75,992	0	0	0
55	0,83333	STERRASX	LinStatic	-101,061	75,992	0	0	0
55	1,25	STERRASX	LinStatic	-101,061	75,992	0	0	0
55	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
55	0,41667	STERRADX	LinStatic	-101,061	-75,992	0	0	0
55	0,83333	STERRADX	LinStatic	-101,061	-75,992	0	0	0
55	1,25	STERRADX	LinStatic	-101,061	-75,992	0	0	0
55	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0,41667	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0,83333	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	1,25	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0,41667	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0,83333	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	1,25	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0,41667	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0,83333	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	1,25	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0,41667	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0,83333	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	1,25	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0	LM71C	LinStatic	-5,815	-153,792	0	0	0
55	0,41667	LM71C	LinStatic	-5,815	-133,767	0	0	0
55	0,83333	LM71C	LinStatic	-5,815	-113,742	0	0	0
55	1,25	LM71C	LinStatic	-5,815	-93,717	0	0	0
55	0	LM71SX	LinStatic	-4,792	-146,374	0	0	0
55	0,41667	LM71SX	LinStatic	-4,792	-126,349	0	0	0
55	0,83333	LM71SX	LinStatic	-4,792	-106,324	0	0	0
55	1,25	LM71SX	LinStatic	-4,792	-86,299	0	0	0
55	0	LM71DX	LinStatic	-4,792	-131,898	0	0	0
55	0,41667	LM71DX	LinStatic	-4,792	-121,644	0	0	0
55	0,83333	LM71DX	LinStatic	-4,792	-111,389	0	0	0
55	1,25	LM71DX	LinStatic	-4,792	-101,135	0	0	0
55	0	STLM71	LinStatic	-22,155	18,297	0	0	0
55	0,41667	STLM71	LinStatic	-22,155	18,297	0	0	0
55	0,83333	STLM71	LinStatic	-22,155	18,297	0	0	0
55	1,25	STLM71	LinStatic	-22,155	18,297	0	0	0
55	0	AVVLM71	LinStatic	28,768	43,784	0	0	0
55	0,41667	AVVLM71	LinStatic	25,022	43,784	0	0	0
55	0,83333	AVVLM71	LinStatic	21,276	43,784	0	0	0
55	1,25	AVVLM71	LinStatic	17,531	43,784	0	0	0
55	0	SW2	LinStatic	-3,771	-134,24	0	0	0
55	0,41667	SW2	LinStatic	-3,771	-116,761	0	0	0
55	0,83333	SW2	LinStatic	-3,771	-99,282	0	0	0
55	1,25	SW2	LinStatic	-3,771	-81,802	0	0	0
55	0	STSW2	LinStatic	-37,751	31,177	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
55	0,41667	STSW2	LinStatic	-37,751	31,177	0	0	0
55	0,83333	STSW2	LinStatic	-37,751	31,177	0	0	0
55	1,25	STSW2	LinStatic	-37,751	31,177	0	0	0
55	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
55	0,41667	INCRTER	LinStatic	-168,341	139,028	0	0	0
55	0,83333	INCRTER	LinStatic	-168,341	139,028	0	0	0
55	1,25	INCRTER	LinStatic	-168,341	139,028	0	0	0
55	0	LM71SISO	LinStatic	9,376	14,27	0	0	0
55	0,41667	LM71SISO	LinStatic	8,155	14,27	0	0	0
55	0,83333	LM71SISO	LinStatic	6,934	14,27	0	0	0
55	1,25	LM71SISO	LinStatic	5,714	14,27	0	0	0
55	0	SW2SISO	LinStatic	8,192	12,468	0	0	0
55	0,41667	SW2SISO	LinStatic	7,125	12,468	0	0	0
55	0,83333	SW2SISO	LinStatic	6,059	12,468	0	0	0
55	1,25	SW2SISO	LinStatic	4,992	12,468	0	0	0
55	0	SISMAO	LinStatic	47,168	96,329	0	0	0
55	0,41667	SISMAO	LinStatic	41,026	96,329	0	0	0
55	0,83333	SISMAO	LinStatic	34,885	96,329	0	0	0
55	1,25	SISMAO	LinStatic	28,743	96,329	0	0	0
55	0	LM71SVA	LinStatic	0,134	4,768	0	0	0
55	0,41667	LM71SVA	LinStatic	0,134	4,147	0	0	0
55	0,83333	LM71SVA	LinStatic	0,134	3,526	0	0	0
55	1,25	LM71SVA	LinStatic	0,134	2,906	0	0	0
55	0	SW2SVA	LinStatic	0,117	4,16	0	0	0
55	0,41667	SW2SVA	LinStatic	0,117	3,618	0	0	0
55	0,83333	SW2SVA	LinStatic	0,117	3,077	0	0	0
55	1,25	SW2SVA	LinStatic	0,117	2,535	0	0	0
55	0	SISMAVA	LinStatic	-2,49	26,4	0	0	0
55	0,41667	SISMAVA	LinStatic	-2,49	22,962	0	0	0
55	0,83333	SISMAVA	LinStatic	-2,49	19,525	0	0	0
55	1,25	SISMAVA	LinStatic	-2,49	16,087	0	0	0
55	0	LM71SVB	LinStatic	-0,134	-4,768	0	0	0
55	0,41667	LM71SVB	LinStatic	-0,134	-4,147	0	0	0
55	0,83333	LM71SVB	LinStatic	-0,134	-3,526	0	0	0
55	1,25	LM71SVB	LinStatic	-0,134	-2,906	0	0	0
55	0	SW2SVB	LinStatic	-0,117	-4,16	0	0	0
55	0,41667	SW2SVB	LinStatic	-0,117	-3,618	0	0	0
55	0,83333	SW2SVB	LinStatic	-0,117	-3,077	0	0	0
55	1,25	SW2SVB	LinStatic	-0,117	-2,535	0	0	0
55	0	SISMAVB	LinStatic	2,49	-26,4	0	0	0
55	0,41667	SISMAVB	LinStatic	2,49	-22,962	0	0	0
55	0,83333	SISMAVB	LinStatic	2,49	-19,525	0	0	0
55	1,25	SISMAVB	LinStatic	2,49	-16,087	0	0	0
56	0	PP	LinStatic	18,799	-43,862	0	0	0
56	0,4875	PP	LinStatic	18,799	-32,897	0	0	0
56	0,975	PP	LinStatic	18,799	-21,931	0	0	0
56	1,4625	PP	LinStatic	18,799	-10,966	0	0	0
56	1,95	PP	LinStatic	18,799	1,073E-11	0	0	0
56	2,4375	PP	LinStatic	18,799	10,966	0	0	0
56	2,925	PP	LinStatic	18,799	21,931	0	0	0
56	3,4125	PP	LinStatic	18,799	32,897	0	0	0
56	3,9	PP	LinStatic	18,799	43,862	0	0	0
56	0	REINTSUP	LinStatic	-1,467	-31,824	0	0	0
56	0,4875	REINTSUP	LinStatic	-1,467	-23,868	0	0	0
56	0,975	REINTSUP	LinStatic	-1,467	-15,912	0	0	0
56	1,4625	REINTSUP	LinStatic	-1,467	-7,956	0	0	0
56	1,95	REINTSUP	LinStatic	-1,467	1,98E-12	0	0	0
56	2,4375	REINTSUP	LinStatic	-1,467	7,956	0	0	0
56	2,925	REINTSUP	LinStatic	-1,467	15,912	0	0	0
56	3,4125	REINTSUP	LinStatic	-1,467	23,868	0	0	0
56	3,9	REINTSUP	LinStatic	-1,467	31,824	0	0	0
56	0	BALLAST	LinStatic	-1,294	-28,08	0	0	0
56	0,4875	BALLAST	LinStatic	-1,294	-21,06	0	0	0
56	0,975	BALLAST	LinStatic	-1,294	-14,04	0	0	0
56	1,4625	BALLAST	LinStatic	-1,294	-7,02	0	0	0
56	1,95	BALLAST	LinStatic	-1,294	1,894E-12	0	0	0
56	2,4375	BALLAST	LinStatic	-1,294	7,02	0	0	0
56	2,925	BALLAST	LinStatic	-1,294	14,04	0	0	0
56	3,4125	BALLAST	LinStatic	-1,294	21,06	0	0	0
56	3,9	BALLAST	LinStatic	-1,294	28,08	0	0	0
56	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	0,4875	STERRASX	LinStatic	-101,061	75,992	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
56	0,975	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	1,4625	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	1,95	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	2,4375	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	2,925	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	3,4125	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	3,9	STERRASX	LinStatic	-101,061	75,992	0	0	0
56	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	0,4875	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	0,975	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	1,4625	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	1,95	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	2,4375	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	2,925	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	3,4125	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	3,9	STERRADX	LinStatic	-101,061	-75,992	0	0	0
56	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0,4875	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0,975	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	1,4625	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	1,95	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	2,4375	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	2,925	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	3,4125	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	3,9	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0,4875	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0,975	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	1,4625	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	1,95	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	2,4375	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	2,925	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	3,4125	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	3,9	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0,4875	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0,975	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	1,4625	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	1,95	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	2,4375	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	2,925	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	3,4125	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	3,9	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0,4875	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0,975	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	1,4625	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	1,95	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	2,4375	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	2,925	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	3,4125	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	3,9	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0	LM71C	LinStatic	-5,815	-93,717	0	0	0
56	0,4875	LM71C	LinStatic	-5,815	-70,288	0	0	0
56	0,975	LM71C	LinStatic	-5,815	-46,858	0	0	0
56	1,4625	LM71C	LinStatic	-5,815	-23,429	0	0	0
56	1,95	LM71C	LinStatic	-5,815	4,469E-12	0	0	0
56	2,4375	LM71C	LinStatic	-5,815	23,429	0	0	0
56	2,925	LM71C	LinStatic	-5,815	46,859	0	0	0
56	3,4125	LM71C	LinStatic	-5,815	70,288	0	0	0
56	3,9	LM71C	LinStatic	-5,815	93,717	0	0	0
56	0	LM71SX	LinStatic	-4,792	-86,299	0	0	0
56	0,4875	LM71SX	LinStatic	-4,792	-62,87	0	0	0
56	0,975	LM71SX	LinStatic	-4,792	-39,44	0	0	0
56	1,4625	LM71SX	LinStatic	-4,792	-16,011	0	0	0
56	1,95	LM71SX	LinStatic	-4,792	7,418	0	0	0
56	2,4375	LM71SX	LinStatic	-4,792	30,847	0	0	0
56	2,925	LM71SX	LinStatic	-4,792	54,277	0	0	0
56	3,4125	LM71SX	LinStatic	-4,792	77,706	0	0	0
56	3,9	LM71SX	LinStatic	-4,792	101,135	0	0	0
56	0	LM71DX	LinStatic	-4,792	-101,135	0	0	0
56	0,4875	LM71DX	LinStatic	-4,792	-77,706	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
56	0,975	LM71DX	LinStatic	-4,792	-54,277	0	0	0
56	1,4625	LM71DX	LinStatic	-4,792	-30,847	0	0	0
56	1,95	LM71DX	LinStatic	-4,792	-7,418	0	0	0
56	2,4375	LM71DX	LinStatic	-4,792	16,011	0	0	0
56	2,925	LM71DX	LinStatic	-4,792	39,44	0	0	0
56	3,4125	LM71DX	LinStatic	-4,792	62,87	0	0	0
56	3,9	LM71DX	LinStatic	-4,792	86,299	0	0	0
56	0	STLM71	LinStatic	-22,155	18,297	0	0	0
56	0,4875	STLM71	LinStatic	-22,155	18,297	0	0	0
56	0,975	STLM71	LinStatic	-22,155	18,297	0	0	0
56	1,4625	STLM71	LinStatic	-22,155	18,297	0	0	0
56	1,95	STLM71	LinStatic	-22,155	18,297	0	0	0
56	2,4375	STLM71	LinStatic	-22,155	18,297	0	0	0
56	2,925	STLM71	LinStatic	-22,155	18,297	0	0	0
56	3,4125	STLM71	LinStatic	-22,155	18,297	0	0	0
56	3,9	STLM71	LinStatic	-22,155	18,297	0	0	0
56	0	AVVLM71	LinStatic	17,531	43,784	0	0	0
56	0,4875	AVVLM71	LinStatic	13,148	43,784	0	0	0
56	0,975	AVVLM71	LinStatic	8,765	43,784	0	0	0
56	1,4625	AVVLM71	LinStatic	4,383	43,784	0	0	0
56	1,95	AVVLM71	LinStatic	1,099E-10	43,784	0	0	0
56	2,4375	AVVLM71	LinStatic	-4,383	43,784	0	0	0
56	2,925	AVVLM71	LinStatic	-8,765	43,784	0	0	0
56	3,4125	AVVLM71	LinStatic	-13,148	43,784	0	0	0
56	3,9	AVVLM71	LinStatic	-17,53	43,784	0	0	0
56	0	SW2	LinStatic	-3,771	-81,802	0	0	0
56	0,4875	SW2	LinStatic	-3,771	-61,352	0	0	0
56	0,975	SW2	LinStatic	-3,771	-40,901	0	0	0
56	1,4625	SW2	LinStatic	-3,771	-20,451	0	0	0
56	1,95	SW2	LinStatic	-3,771	4,776E-12	0	0	0
56	2,4375	SW2	LinStatic	-3,771	20,451	0	0	0
56	2,925	SW2	LinStatic	-3,771	40,901	0	0	0
56	3,4125	SW2	LinStatic	-3,771	61,352	0	0	0
56	3,9	SW2	LinStatic	-3,771	81,803	0	0	0
56	0	STSW2	LinStatic	-37,751	31,177	0	0	0
56	0,4875	STSW2	LinStatic	-37,751	31,177	0	0	0
56	0,975	STSW2	LinStatic	-37,751	31,177	0	0	0
56	1,4625	STSW2	LinStatic	-37,751	31,177	0	0	0
56	1,95	STSW2	LinStatic	-37,751	31,177	0	0	0
56	2,4375	STSW2	LinStatic	-37,751	31,177	0	0	0
56	2,925	STSW2	LinStatic	-37,751	31,177	0	0	0
56	3,4125	STSW2	LinStatic	-37,751	31,177	0	0	0
56	3,9	STSW2	LinStatic	-37,751	31,177	0	0	0
56	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	0,4875	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	0,975	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	1,4625	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	1,95	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	2,4375	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	2,925	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	3,4125	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	3,9	INCRTER	LinStatic	-168,341	139,028	0	0	0
56	0	LM71SISO	LinStatic	5,714	14,27	0	0	0
56	0,4875	LM71SISO	LinStatic	4,285	14,27	0	0	0
56	0,975	LM71SISO	LinStatic	2,857	14,27	0	0	0
56	1,4625	LM71SISO	LinStatic	1,428	14,27	0	0	0
56	1,95	LM71SISO	LinStatic	4,168E-11	14,27	0	0	0
56	2,4375	LM71SISO	LinStatic	-1,428	14,27	0	0	0
56	2,925	LM71SISO	LinStatic	-2,857	14,27	0	0	0
56	3,4125	LM71SISO	LinStatic	-4,285	14,27	0	0	0
56	3,9	LM71SISO	LinStatic	-5,713	14,27	0	0	0
56	0	SW2SISO	LinStatic	4,992	12,468	0	0	0
56	0,4875	SW2SISO	LinStatic	3,744	12,468	0	0	0
56	0,975	SW2SISO	LinStatic	2,496	12,468	0	0	0
56	1,4625	SW2SISO	LinStatic	1,248	12,468	0	0	0
56	1,95	SW2SISO	LinStatic	5,658E-11	12,468	0	0	0
56	2,4375	SW2SISO	LinStatic	-1,248	12,468	0	0	0
56	2,925	SW2SISO	LinStatic	-2,496	12,468	0	0	0
56	3,4125	SW2SISO	LinStatic	-3,744	12,468	0	0	0
56	3,9	SW2SISO	LinStatic	-4,992	12,468	0	0	0
56	0	SISMAO	LinStatic	28,743	96,329	0	0	0
56	0,4875	SISMAO	LinStatic	21,557	96,329	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
56	0,975	SISMAO	LinStatic	14,372	96,329	0	0	0
56	1,4625	SISMAO	LinStatic	7,186	96,329	0	0	0
56	1,95	SISMAO	LinStatic	1,332E-10	96,329	0	0	0
56	2,4375	SISMAO	LinStatic	-7,186	96,329	0	0	0
56	2,925	SISMAO	LinStatic	-14,371	96,329	0	0	0
56	3,4125	SISMAO	LinStatic	-21,557	96,329	0	0	0
56	3,9	SISMAO	LinStatic	-28,743	96,329	0	0	0
56	0	LM71SVA	LinStatic	0,134	2,905	0	0	0
56	0,4875	LM71SVA	LinStatic	0,134	2,179	0	0	0
56	0,975	LM71SVA	LinStatic	0,134	1,453	0	0	0
56	1,4625	LM71SVA	LinStatic	0,134	0,726	0	0	0
56	1,95	LM71SVA	LinStatic	0,134	-1,956E-13	0	0	0
56	2,4375	LM71SVA	LinStatic	0,134	-0,726	0	0	0
56	2,925	LM71SVA	LinStatic	0,134	-1,453	0	0	0
56	3,4125	LM71SVA	LinStatic	0,134	-2,179	0	0	0
56	3,9	LM71SVA	LinStatic	0,134	-2,906	0	0	0
56	0	SW2SVA	LinStatic	0,117	2,535	0	0	0
56	0,4875	SW2SVA	LinStatic	0,117	1,901	0	0	0
56	0,975	SW2SVA	LinStatic	0,117	1,267	0	0	0
56	1,4625	SW2SVA	LinStatic	0,117	0,634	0	0	0
56	1,95	SW2SVA	LinStatic	0,117	-1,599E-13	0	0	0
56	2,4375	SW2SVA	LinStatic	0,117	-0,634	0	0	0
56	2,925	SW2SVA	LinStatic	0,117	-1,268	0	0	0
56	3,4125	SW2SVA	LinStatic	0,117	-1,901	0	0	0
56	3,9	SW2SVA	LinStatic	0,117	-2,535	0	0	0
56	0	SISMAVA	LinStatic	-2,49	16,087	0	0	0
56	0,4875	SISMAVA	LinStatic	-2,49	12,066	0	0	0
56	0,975	SISMAVA	LinStatic	-2,49	8,044	0	0	0
56	1,4625	SISMAVA	LinStatic	-2,49	4,022	0	0	0
56	1,95	SISMAVA	LinStatic	-2,49	-1,728E-12	0	0	0
56	2,4375	SISMAVA	LinStatic	-2,49	-4,022	0	0	0
56	2,925	SISMAVA	LinStatic	-2,49	-8,044	0	0	0
56	3,4125	SISMAVA	LinStatic	-2,49	-12,066	0	0	0
56	3,9	SISMAVA	LinStatic	-2,49	-16,088	0	0	0
56	0	LM71SVB	LinStatic	-0,134	-2,905	0	0	0
56	0,4875	LM71SVB	LinStatic	-0,134	-2,179	0	0	0
56	0,975	LM71SVB	LinStatic	-0,134	-1,453	0	0	0
56	1,4625	LM71SVB	LinStatic	-0,134	-0,726	0	0	0
56	1,95	LM71SVB	LinStatic	-0,134	1,956E-13	0	0	0
56	2,4375	LM71SVB	LinStatic	-0,134	0,726	0	0	0
56	2,925	LM71SVB	LinStatic	-0,134	1,453	0	0	0
56	3,4125	LM71SVB	LinStatic	-0,134	2,179	0	0	0
56	3,9	LM71SVB	LinStatic	-0,134	2,906	0	0	0
56	0	SW2SVB	LinStatic	-0,117	-2,535	0	0	0
56	0,4875	SW2SVB	LinStatic	-0,117	-1,901	0	0	0
56	0,975	SW2SVB	LinStatic	-0,117	-1,267	0	0	0
56	1,4625	SW2SVB	LinStatic	-0,117	-0,634	0	0	0
56	1,95	SW2SVB	LinStatic	-0,117	1,599E-13	0	0	0
56	2,4375	SW2SVB	LinStatic	-0,117	0,634	0	0	0
56	2,925	SW2SVB	LinStatic	-0,117	1,268	0	0	0
56	3,4125	SW2SVB	LinStatic	-0,117	1,901	0	0	0
56	3,9	SW2SVB	LinStatic	-0,117	2,535	0	0	0
56	0	SISMAVB	LinStatic	2,49	-16,087	0	0	0
56	0,4875	SISMAVB	LinStatic	2,49	-12,066	0	0	0
56	0,975	SISMAVB	LinStatic	2,49	-8,044	0	0	0
56	1,4625	SISMAVB	LinStatic	2,49	-4,022	0	0	0
56	1,95	SISMAVB	LinStatic	2,49	1,728E-12	0	0	0
56	2,4375	SISMAVB	LinStatic	2,49	4,022	0	0	0
56	2,925	SISMAVB	LinStatic	2,49	8,044	0	0	0
56	3,4125	SISMAVB	LinStatic	2,49	12,066	0	0	0
56	3,9	SISMAVB	LinStatic	2,49	16,088	0	0	0
57	0	PP	LinStatic	18,799	43,862	0	0	0
57	0,41667	PP	LinStatic	18,799	53,234	0	0	0
57	0,83333	PP	LinStatic	18,799	62,607	0	0	0
57	1,25	PP	LinStatic	18,799	71,979	0	0	0
57	0	REINTSUP	LinStatic	-1,467	31,824	0	0	0
57	0,41667	REINTSUP	LinStatic	-1,467	38,624	0	0	0
57	0,83333	REINTSUP	LinStatic	-1,467	45,424	0	0	0
57	1,25	REINTSUP	LinStatic	-1,467	52,224	0	0	0
57	0	BALLAST	LinStatic	-1,294	28,08	0	0	0
57	0,41667	BALLAST	LinStatic	-1,294	34,08	0	0	0
57	0,83333	BALLAST	LinStatic	-1,294	40,08	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
57	1,25	BALLAST	LinStatic	-1,294	46,08	0	0	0
57	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
57	0,41667	STERRASX	LinStatic	-101,061	75,992	0	0	0
57	0,83333	STERRASX	LinStatic	-101,061	75,992	0	0	0
57	1,25	STERRASX	LinStatic	-101,061	75,992	0	0	0
57	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
57	0,41667	STERRADX	LinStatic	-101,061	-75,992	0	0	0
57	0,83333	STERRADX	LinStatic	-101,061	-75,992	0	0	0
57	1,25	STERRADX	LinStatic	-101,061	-75,992	0	0	0
57	0	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0,41667	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0,83333	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	1,25	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0,41667	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0,83333	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	1,25	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0,41667	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0,83333	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	1,25	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0,41667	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0,83333	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	1,25	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0	LM71C	LinStatic	-5,815	93,717	0	0	0
57	0,41667	LM71C	LinStatic	-5,815	113,742	0	0	0
57	0,83333	LM71C	LinStatic	-5,815	133,767	0	0	0
57	1,25	LM71C	LinStatic	-5,815	153,792	0	0	0
57	0	LM71SX	LinStatic	-4,792	101,135	0	0	0
57	0,41667	LM71SX	LinStatic	-4,792	111,389	0	0	0
57	0,83333	LM71SX	LinStatic	-4,792	121,644	0	0	0
57	1,25	LM71SX	LinStatic	-4,792	131,898	0	0	0
57	0	LM71DX	LinStatic	-4,792	86,299	0	0	0
57	0,41667	LM71DX	LinStatic	-4,792	106,324	0	0	0
57	0,83333	LM71DX	LinStatic	-4,792	126,349	0	0	0
57	1,25	LM71DX	LinStatic	-4,792	146,374	0	0	0
57	0	STLM71	LinStatic	-22,155	18,297	0	0	0
57	0,41667	STLM71	LinStatic	-22,155	18,297	0	0	0
57	0,83333	STLM71	LinStatic	-22,155	18,297	0	0	0
57	1,25	STLM71	LinStatic	-22,155	18,297	0	0	0
57	0	AVVLM71	LinStatic	-17,53	43,784	0	0	0
57	0,41667	AVVLM71	LinStatic	-21,276	43,784	0	0	0
57	0,83333	AVVLM71	LinStatic	-25,022	43,784	0	0	0
57	1,25	AVVLM71	LinStatic	-28,768	43,784	0	0	0
57	0	SW2	LinStatic	-3,771	81,803	0	0	0
57	0,41667	SW2	LinStatic	-3,771	99,282	0	0	0
57	0,83333	SW2	LinStatic	-3,771	116,761	0	0	0
57	1,25	SW2	LinStatic	-3,771	134,24	0	0	0
57	0	STSW2	LinStatic	-37,751	31,177	0	0	0
57	0,41667	STSW2	LinStatic	-37,751	31,177	0	0	0
57	0,83333	STSW2	LinStatic	-37,751	31,177	0	0	0
57	1,25	STSW2	LinStatic	-37,751	31,177	0	0	0
57	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
57	0,41667	INCRTER	LinStatic	-168,341	139,028	0	0	0
57	0,83333	INCRTER	LinStatic	-168,341	139,028	0	0	0
57	1,25	INCRTER	LinStatic	-168,341	139,028	0	0	0
57	0	LM71SISO	LinStatic	-5,714	14,27	0	0	0
57	0,41667	LM71SISO	LinStatic	-6,934	14,27	0	0	0
57	0,83333	LM71SISO	LinStatic	-8,155	14,27	0	0	0
57	1,25	LM71SISO	LinStatic	-9,376	14,27	0	0	0
57	0	SW2SISO	LinStatic	-4,992	12,468	0	0	0
57	0,41667	SW2SISO	LinStatic	-6,059	12,468	0	0	0
57	0,83333	SW2SISO	LinStatic	-7,125	12,468	0	0	0
57	1,25	SW2SISO	LinStatic	-8,192	12,468	0	0	0
57	0	SISMAO	LinStatic	-28,743	96,329	0	0	0
57	0,41667	SISMAO	LinStatic	-34,885	96,329	0	0	0
57	0,83333	SISMAO	LinStatic	-41,026	96,329	0	0	0
57	1,25	SISMAO	LinStatic	-47,168	96,329	0	0	0
57	0	LM71SVA	LinStatic	0,134	-2,906	0	0	0
57	0,41667	LM71SVA	LinStatic	0,134	-3,526	0	0	0
57	0,83333	LM71SVA	LinStatic	0,134	-4,147	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
57	1,25	LM71SVA	LinStatic	0,134	-4,768	0	0	0
57	0	SW2SVA	LinStatic	0,117	-2,535	0	0	0
57	0,41667	SW2SVA	LinStatic	0,117	-3,077	0	0	0
57	0,83333	SW2SVA	LinStatic	0,117	-3,618	0	0	0
57	1,25	SW2SVA	LinStatic	0,117	-4,16	0	0	0
57	0	SISMAVA	LinStatic	-2,49	-16,088	0	0	0
57	0,41667	SISMAVA	LinStatic	-2,49	-19,525	0	0	0
57	0,83333	SISMAVA	LinStatic	-2,49	-22,963	0	0	0
57	1,25	SISMAVA	LinStatic	-2,49	-26,4	0	0	0
57	0	LM71SVB	LinStatic	-0,134	2,906	0	0	0
57	0,41667	LM71SVB	LinStatic	-0,134	3,526	0	0	0
57	0,83333	LM71SVB	LinStatic	-0,134	4,147	0	0	0
57	1,25	LM71SVB	LinStatic	-0,134	4,768	0	0	0
57	0	SW2SVB	LinStatic	-0,117	2,535	0	0	0
57	0,41667	SW2SVB	LinStatic	-0,117	3,077	0	0	0
57	0,83333	SW2SVB	LinStatic	-0,117	3,618	0	0	0
57	1,25	SW2SVB	LinStatic	-0,117	4,16	0	0	0
57	0	SISMAVB	LinStatic	2,49	16,088	0	0	0
57	0,41667	SISMAVB	LinStatic	2,49	19,525	0	0	0
57	0,83333	SISMAVB	LinStatic	2,49	22,963	0	0	0
57	1,25	SISMAVB	LinStatic	2,49	26,4	0	0	0
58	0	PP	LinStatic	18,799	71,979	0	0	0
58	0,4	PP	LinStatic	18,799	80,976	0	0	0
58	0,8	PP	LinStatic	18,799	89,973	0	0	0
58	0	REINTSUP	LinStatic	-1,467	52,224	0	0	0
58	0,4	REINTSUP	LinStatic	-1,467	58,752	0	0	0
58	0,8	REINTSUP	LinStatic	-1,467	65,28	0	0	0
58	0	BALLAST	LinStatic	-1,294	46,08	0	0	0
58	0,4	BALLAST	LinStatic	-1,294	51,84	0	0	0
58	0,8	BALLAST	LinStatic	-1,294	57,6	0	0	0
58	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
58	0,4	STERRASX	LinStatic	-101,061	75,992	0	0	0
58	0,8	STERRASX	LinStatic	-101,061	75,992	0	0	0
58	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
58	0,4	STERRADX	LinStatic	-101,061	-75,992	0	0	0
58	0,8	STERRADX	LinStatic	-101,061	-75,992	0	0	0
58	0	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0,4	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0,8	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0,4	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0,8	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0,4	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0,8	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0	GRADTN	LinStatic	-8,746	-2,274E-13	0	0	0
58	0,4	GRADTN	LinStatic	-8,746	-2,274E-13	0	0	0
58	0,8	GRADTN	LinStatic	-8,746	-2,274E-13	0	0	0
58	0	LM71C	LinStatic	-5,815	153,792	0	0	0
58	0,4	LM71C	LinStatic	-5,815	163,636	0	0	0
58	0,8	LM71C	LinStatic	-5,815	173,48	0	0	0
58	0	LM71SX	LinStatic	-4,792	131,898	0	0	0
58	0,4	LM71SX	LinStatic	-4,792	141,742	0	0	0
58	0,8	LM71SX	LinStatic	-4,792	151,586	0	0	0
58	0	LM71DX	LinStatic	-4,792	146,374	0	0	0
58	0,4	LM71DX	LinStatic	-4,792	165,598	0	0	0
58	0,8	LM71DX	LinStatic	-4,792	184,822	0	0	0
58	0	STLM71	LinStatic	-22,155	18,297	0	0	0
58	0,4	STLM71	LinStatic	-22,155	18,297	0	0	0
58	0,8	STLM71	LinStatic	-22,155	18,297	0	0	0
58	0	AVVLM71	LinStatic	-28,768	43,784	0	0	0
58	0,4	AVVLM71	LinStatic	-32,364	43,784	0	0	0
58	0,8	AVVLM71	LinStatic	-35,96	43,784	0	0	0
58	0	SW2	LinStatic	-3,771	134,24	0	0	0
58	0,4	SW2	LinStatic	-3,771	151,02	0	0	0
58	0,8	SW2	LinStatic	-3,771	167,8	0	0	0
58	0	STSW2	LinStatic	-37,751	31,177	0	0	0
58	0,4	STSW2	LinStatic	-37,751	31,177	0	0	0
58	0,8	STSW2	LinStatic	-37,751	31,177	0	0	0
58	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
58	0,4	INCRTER	LinStatic	-168,341	139,028	0	0	0
58	0,8	INCRTER	LinStatic	-168,341	139,028	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
58	0	LM71SISO	LinStatic	-9,376	14,27	0	0	0
58	0,4	LM71SISO	LinStatic	-10,548	14,27	0	0	0
58	0,8	LM71SISO	LinStatic	-11,72	14,27	0	0	0
58	0	SW2SISO	LinStatic	-8,192	12,468	0	0	0
58	0,4	SW2SISO	LinStatic	-9,216	12,468	0	0	0
58	0,8	SW2SISO	LinStatic	-10,24	12,468	0	0	0
58	0	SISMAO	LinStatic	-47,168	96,329	0	0	0
58	0,4	SISMAO	LinStatic	-53,064	96,329	0	0	0
58	0,8	SISMAO	LinStatic	-58,96	96,329	0	0	0
58	0	LM71SVA	LinStatic	0,134	-4,768	0	0	0
58	0,4	LM71SVA	LinStatic	0,134	-5,364	0	0	0
58	0,8	LM71SVA	LinStatic	0,134	-5,96	0	0	0
58	0	SW2SVA	LinStatic	0,117	-4,16	0	0	0
58	0,4	SW2SVA	LinStatic	0,117	-4,68	0	0	0
58	0,8	SW2SVA	LinStatic	0,117	-5,2	0	0	0
58	0	SISMAVA	LinStatic	-2,49	-26,4	0	0	0
58	0,4	SISMAVA	LinStatic	-2,49	-29,7	0	0	0
58	0,8	SISMAVA	LinStatic	-2,49	-33	0	0	0
58	0	LM71SVB	LinStatic	-0,134	4,768	0	0	0
58	0,4	LM71SVB	LinStatic	-0,134	5,364	0	0	0
58	0,8	LM71SVB	LinStatic	-0,134	5,96	0	0	0
58	0	SW2SVB	LinStatic	-0,117	4,16	0	0	0
58	0,4	SW2SVB	LinStatic	-0,117	4,68	0	0	0
58	0,8	SW2SVB	LinStatic	-0,117	5,2	0	0	0
58	0	SISMAVB	LinStatic	2,49	26,4	0	0	0
58	0,4	SISMAVB	LinStatic	2,49	29,7	0	0	0
58	0,8	SISMAVB	LinStatic	2,49	33	0	0	0
59	0	PP	LinStatic	18,799	89,973	0	0	0
59	0,225	PP	LinStatic	18,799	95,034	0	0	0
59	0	REINTSUP	LinStatic	-1,467	65,28	0	0	0
59	0,225	REINTSUP	LinStatic	-1,467	68,952	0	0	0
59	0	BALLAST	LinStatic	-1,294	57,6	0	0	0
59	0,225	BALLAST	LinStatic	-1,294	60,84	0	0	0
59	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
59	0,225	STERRASX	LinStatic	-101,061	75,992	0	0	0
59	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
59	0,225	STERRADX	LinStatic	-101,061	-75,992	0	0	0
59	0	TERMP	LinStatic	-1,739	1,137E-12	0	0	0
59	0,225	TERMP	LinStatic	-1,739	1,137E-12	0	0	0
59	0	TERMN	LinStatic	5,217	-4,547E-12	0	0	0
59	0,225	TERMN	LinStatic	5,217	-4,547E-12	0	0	0
59	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
59	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
59	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
59	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
59	0	LM71C	LinStatic	-5,815	173,48	0	0	0
59	0,225	LM71C	LinStatic	-5,815	179,017	0	0	0
59	0	LM71SX	LinStatic	-4,792	151,586	0	0	0
59	0,225	LM71SX	LinStatic	-4,792	157,123	0	0	0
59	0	LM71DX	LinStatic	-4,792	184,822	0	0	0
59	0,225	LM71DX	LinStatic	-4,792	195,635	0	0	0
59	0	STLM71	LinStatic	-22,155	18,297	0	0	0
59	0,225	STLM71	LinStatic	-22,155	18,297	0	0	0
59	0	AVVLM71	LinStatic	-35,96	43,784	0	0	0
59	0,225	AVVLM71	LinStatic	-37,983	43,784	0	0	0
59	0	SW2	LinStatic	-3,771	167,8	0	0	0
59	0,225	SW2	LinStatic	-3,771	177,239	0	0	0
59	0	STSW2	LinStatic	-37,751	31,177	0	0	0
59	0,225	STSW2	LinStatic	-37,751	31,177	0	0	0
59	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
59	0,225	INCRTER	LinStatic	-168,341	139,028	0	0	0
59	0	LM71SISO	LinStatic	-11,72	14,27	0	0	0
59	0,225	LM71SISO	LinStatic	-12,379	14,27	0	0	0
59	0	SW2SISO	LinStatic	-10,24	12,468	0	0	0
59	0,225	SW2SISO	LinStatic	-10,816	12,468	0	0	0
59	0	SISMAO	LinStatic	-58,96	96,329	0	0	0
59	0,225	SISMAO	LinStatic	-62,277	96,329	0	0	0
59	0	LM71SVA	LinStatic	0,134	-5,96	0	0	0
59	0,225	LM71SVA	LinStatic	0,134	-6,295	0	0	0
59	0	SW2SVA	LinStatic	0,117	-5,2	0	0	0
59	0,225	SW2SVA	LinStatic	0,117	-5,492	0	0	0
59	0	SISMAVA	LinStatic	-2,49	-33	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
59	0,225	SISMAVA	LinStatic	-2,49	-34,856	0	0	0
59	0	LM71SVB	LinStatic	-0,134	5,96	0	0	0
59	0,225	LM71SVB	LinStatic	-0,134	6,295	0	0	0
59	0	SW2SVB	LinStatic	-0,117	5,2	0	0	0
59	0,225	SW2SVB	LinStatic	-0,117	5,492	0	0	0
59	0	SISMAVB	LinStatic	2,49	33	0	0	0
59	0,225	SISMAVB	LinStatic	2,49	34,856	0	0	0
60	0	PP	LinStatic	18,799	95,034	0	0	0
60	0,225	PP	LinStatic	18,799	100,095	0	0	0
60	0	REINTSUP	LinStatic	-1,467	68,952	0	0	0
60	0,225	REINTSUP	LinStatic	-1,467	72,624	0	0	0
60	0	BALLAST	LinStatic	-1,294	60,84	0	0	0
60	0,225	BALLAST	LinStatic	-1,294	64,08	0	0	0
60	0	STERRASX	LinStatic	-101,061	75,992	0	0	0
60	0,225	STERRASX	LinStatic	-101,061	75,992	0	0	0
60	0	STERRADX	LinStatic	-101,061	-75,992	0	0	0
60	0,225	STERRADX	LinStatic	-101,061	-75,992	0	0	0
60	0	TERMP	LinStatic	-1,739	1,251E-12	0	0	0
60	0,225	TERMP	LinStatic	-1,739	1,251E-12	0	0	0
60	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
60	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
60	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
60	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
60	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
60	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
60	0	LM71C	LinStatic	-5,815	179,017	0	0	0
60	0,225	LM71C	LinStatic	-5,815	184,554	0	0	0
60	0	LM71SX	LinStatic	-4,792	157,123	0	0	0
60	0,225	LM71SX	LinStatic	-4,792	162,66	0	0	0
60	0	LM71DX	LinStatic	-4,792	195,635	0	0	0
60	0,225	LM71DX	LinStatic	-4,792	206,449	0	0	0
60	0	STLM71	LinStatic	-22,155	18,297	0	0	0
60	0,225	STLM71	LinStatic	-22,155	18,297	0	0	0
60	0	AVVLM71	LinStatic	-37,983	43,784	0	0	0
60	0,225	AVVLM71	LinStatic	-40,006	43,784	0	0	0
60	0	SW2	LinStatic	-3,771	177,239	0	0	0
60	0,225	SW2	LinStatic	-3,771	186,677	0	0	0
60	0	STSW2	LinStatic	-37,751	31,177	0	0	0
60	0,225	STSW2	LinStatic	-37,751	31,177	0	0	0
60	0	INCRTER	LinStatic	-168,341	139,028	0	0	0
60	0,225	INCRTER	LinStatic	-168,341	139,028	0	0	0
60	0	LM71SISO	LinStatic	-12,379	14,27	0	0	0
60	0,225	LM71SISO	LinStatic	-13,038	14,27	0	0	0
60	0	SW2SISO	LinStatic	-10,816	12,468	0	0	0
60	0,225	SW2SISO	LinStatic	-11,392	12,468	0	0	0
60	0	SISMAO	LinStatic	-62,276	96,329	0	0	0
60	0,225	SISMAO	LinStatic	-65,593	96,329	0	0	0
60	0	LM71SVA	LinStatic	0,134	-6,295	0	0	0
60	0,225	LM71SVA	LinStatic	0,134	-6,63	0	0	0
60	0	SW2SVA	LinStatic	0,117	-5,492	0	0	0
60	0,225	SW2SVA	LinStatic	0,117	-5,785	0	0	0
60	0	SISMAVA	LinStatic	-2,49	-34,856	0	0	0
60	0,225	SISMAVA	LinStatic	-2,49	-36,712	0	0	0
60	0	LM71SVB	LinStatic	-0,134	6,295	0	0	0
60	0,225	LM71SVB	LinStatic	-0,134	6,63	0	0	0
60	0	SW2SVB	LinStatic	-0,117	5,492	0	0	0
60	0,225	SW2SVB	LinStatic	-0,117	5,785	0	0	0
60	0	SISMAVB	LinStatic	2,49	34,856	0	0	0
60	0,225	SISMAVB	LinStatic	2,49	36,712	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	222,7126	1-1	0
1	0,225	PP	152,7696	1-1	0,225
1	0	REINTSUP	39,5575	1-1	0
1	0,225	REINTSUP	23,6576	1-1	0,225
1	0	BALLAST	34,9036	1-1	0
1	0,225	BALLAST	20,8744	1-1	0,225
1	0	STERRASX	848,854	1-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0,225	STERRASX	861,8881	1-1	0,225
1	0	STERRADX	-542,2827	1-1	0
1	0,225	STERRADX	-555,407	1-1	0,225
1	0	TERMP	-9,0891	1-1	0
1	0,225	TERMP	-9,0864	1-1	0,225
1	0	TERMN	27,2672	1-1	0
1	0,225	TERMN	27,2592	1-1	0,225
1	0	GRADTP	16,8983	1-1	0
1	0,225	GRADTP	16,8934	1-1	0,225
1	0	GRADTN	-16,8983	1-1	0
1	0,225	GRADTN	-16,8934	1-1	0,225
1	0	LM71C	96,4926	1-1	0
1	0,225	LM71C	56,0886	1-1	0,225
1	0	LM71SX	102,0987	1-1	0
1	0,225	LM71SX	57,1286	1-1	0,225
1	0	LM71DX	94,8396	1-1	0
1	0,225	LM71DX	59,0005	1-1	0,225
1	0	STLM71	162,5488	1-1	0
1	0,225	STLM71	165,8009	1-1	0,225
1	0	AVVLM71	195,2141	1-1	0
1	0,225	AVVLM71	203,5531	1-1	0,225
1	0	SW2	101,6811	1-1	0
1	0,225	SW2	60,8111	1-1	0,225
1	0	STSW2	276,9803	1-1	0
1	0,225	STSW2	282,5219	1-1	0,225
1	0	INCRTER	1235,1257	1-1	0
1	0,225	INCRTER	1259,8372	1-1	0,225
1	0	LM71SISO	63,6237	1-1	0
1	0,225	LM71SISO	66,3416	1-1	0,225
1	0	SW2SISO	55,5893	1-1	0
1	0,225	SW2SISO	57,964	1-1	0,225
1	0	SISMAO	506,989	1-1	0
1	0,225	SISMAO	525,0327	1-1	0,225
1	0	LM71SVA	-3,6116	1-1	0
1	0,225	LM71SVA	-2,1599	1-1	0,225
1	0	SW2SVA	-3,151	1-1	0
1	0,225	SW2SVA	-1,8845	1-1	0,225
1	0	SISMAVA	-46,1039	1-1	0
1	0,225	SISMAVA	-30,6143	1-1	0,225
1	0	LM71SVB	3,6116	1-1	0
1	0,225	LM71SVB	2,1599	1-1	0,225
1	0	SW2SVB	3,151	1-1	0
1	0,225	SW2SVB	1,8845	1-1	0,225
1	0	SISMAVB	46,1039	1-1	0
1	0,225	SISMAVB	30,6143	1-1	0,225
2	0	PP	152,7696	2-1	0
2	0,225	PP	86,649	2-1	0,225
2	0	REINTSUP	23,6576	2-1	0
2	0,225	REINTSUP	8,6325	2-1	0,225
2	0	BALLAST	20,8744	2-1	0
2	0,225	BALLAST	7,6169	2-1	0,225
2	0	STERRASX	861,8881	2-1	0
2	0,225	STERRASX	867,2409	2-1	0,225
2	0	STERRADX	-555,407	2-1	0
2	0,225	STERRADX	-561,0036	2-1	0,225
2	0	TERMP	-9,0864	2-1	0
2	0,225	TERMP	-9,0792	2-1	0,225
2	0	TERMN	27,2592	2-1	0
2	0,225	TERMN	27,2375	2-1	0,225
2	0	GRADTP	16,8934	2-1	0
2	0,225	GRADTP	16,8799	2-1	0,225
2	0	GRADTN	-16,8934	2-1	0
2	0,225	GRADTN	-16,8799	2-1	0,225
2	0	LM71C	56,0886	2-1	0
2	0,225	LM71C	17,9094	2-1	0,225
2	0	LM71SX	57,1286	2-1	0
2	0,225	LM71SX	15,0666	2-1	0,225
2	0	LM71DX	59,0005	2-1	0
2	0,225	LM71DX	24,7009	2-1	0,225
2	0	STLM71	165,8009	2-1	0
2	0,225	STLM71	167,4181	2-1	0,225
2	0	AVVLM71	203,5531	2-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2	0,225	AVVLM71	209,0285	2-1	0,225
2	0	SW2	60,8111	2-1	0
2	0,225	SW2	22,1894	2-1	0,225
2	0	STSW2	282,5219	2-1	0
2	0,225	STSW2	285,2775	2-1	0,225
2	0	INCRTER	1259,8372	2-1	0
2	0,225	INCRTER	1272,1251	2-1	0,225
2	0	LM71SISO	66,3416	2-1	0
2	0,225	LM71SISO	68,1261	2-1	0,225
2	0	SW2SISO	57,964	2-1	0
2	0,225	SW2SISO	59,5231	2-1	0,225
2	0	SISMAO	525,0327	2-1	0
2	0,225	SISMAO	536,2038	2-1	0,225
2	0	LM71SVA	-2,1599	2-1	0
2	0,225	LM71SVA	-0,7881	2-1	0,225
2	0	SW2SVA	-1,8845	2-1	0
2	0,225	SW2SVA	-0,6876	2-1	0,225
2	0	SISMAVA	-30,6143	2-1	0
2	0,225	SISMAVA	-15,9729	2-1	0,225
2	0	LM71SVB	2,1599	2-1	0
2	0,225	LM71SVB	0,7881	2-1	0,225
2	0	SW2SVB	1,8845	2-1	0
2	0,225	SW2SVB	0,6876	2-1	0,225
2	0	SISMAVB	30,6143	2-1	0
2	0,225	SISMAVB	15,9729	2-1	0,225
3	0	PP	86,649	3-1	0
3	0,25806	PP	15,4871	3-1	0,25806
3	0	REINTSUP	8,6325	3-1	0
3	0,25806	REINTSUP	-7,5319	3-1	0,25806
3	0	BALLAST	7,6169	3-1	0
3	0,25806	BALLAST	-6,6458	3-1	0,25806
3	0	STERRASX	867,2409	3-1	0
3	0,25806	STERRASX	864,4675	3-1	0,25806
3	0	STERRADX	-561,0036	3-1	0
3	0,25806	STERRADX	-558,6677	3-1	0,25806
3	0	TERMP	-9,0792	3-1	0
3	0,25806	TERMP	-9,0662	3-1	0,25806
3	0	TERMN	27,2375	3-1	0
3	0,25806	TERMN	27,1986	3-1	0,25806
3	0	GRADTP	16,8799	3-1	0
3	0,25806	GRADTP	16,8558	3-1	0,25806
3	0	GRADTN	-16,8799	3-1	0
3	0,25806	GRADTN	-16,8558	3-1	0,25806
3	0	LM71C	17,9094	3-1	0
3	0,25806	LM71C	-23,1623	3-1	0,25806
3	0	LM71SX	15,0666	3-1	0
3	0,25806	LM71SX	-29,6624	3-1	0,25806
3	0	LM71DX	24,7009	3-1	0
3	0,25806	LM71DX	-12,7191	3-1	0,25806
3	0	STLM71	167,4181	3-1	0
3	0,25806	STLM71	167,3748	3-1	0,25806
3	0	AVVLM71	209,0285	3-1	0
3	0,25806	AVVLM71	211,9798	3-1	0,25806
3	0	SW2	22,1894	3-1	0
3	0,25806	SW2	-19,3605	3-1	0,25806
3	0	STSW2	285,2775	3-1	0
3	0,25806	STSW2	285,2039	3-1	0,25806
3	0	INCRTER	1272,1251	3-1	0
3	0,25806	INCRTER	1271,7966	3-1	0,25806
3	0	LM71SISO	68,1261	3-1	0
3	0,25806	LM71SISO	69,088	3-1	0,25806
3	0	SW2SISO	59,5231	3-1	0
3	0,25806	SW2SISO	60,3635	3-1	0,25806
3	0	SISMAO	536,2038	3-1	0
3	0,25806	SISMAO	541,0292	3-1	0,25806
3	0	LM71SVA	-0,7881	3-1	0
3	0,25806	LM71SVA	0,6877	3-1	0,25806
3	0	SW2SVA	-0,6876	3-1	0
3	0,25806	SW2SVA	0,6	3-1	0,25806
3	0	SISMAVA	-15,9729	3-1	0
3	0,25806	SISMAVA	-0,2171	3-1	0,25806
3	0	LM71SVB	0,7881	3-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
3	0,25806	LM71SVB	-0,6877	3-1	0,25806
3	0	SW2SVB	0,6876	3-1	0
3	0,25806	SW2SVB	-0,6	3-1	0,25806
3	0	SISMAVB	15,9729	3-1	0
3	0,25806	SISMAVB	0,2171	3-1	0,25806
4	0	PP	15,4871	4-1	0
4	0,25806	PP	-50,7174	4-1	0,25806
4	0	REINTSUP	-7,5319	4-1	0
4	0,25806	REINTSUP	-22,5643	4-1	0,25806
4	0	BALLAST	-6,6458	4-1	0
4	0,25806	BALLAST	-19,9097	4-1	0,25806
4	0	STERRASX	864,4675	4-1	0
4	0,25806	STERRASX	852,8322	4-1	0,25806
4	0	STERRADX	-558,6677	4-1	0
4	0,25806	STERRADX	-547,6026	4-1	0,25806
4	0	TERMP	-9,0662	4-1	0
4	0,25806	TERMP	-9,0493	4-1	0,25806
4	0	TERMN	27,1986	4-1	0
4	0,25806	TERMN	27,1479	4-1	0,25806
4	0	GRADTP	16,8558	4-1	0
4	0,25806	GRADTP	16,8244	4-1	0,25806
4	0	GRADTN	-16,8558	4-1	0
4	0,25806	GRADTN	-16,8244	4-1	0,25806
4	0	LM71C	-23,1623	4-1	0
4	0,25806	LM71C	-61,3556	4-1	0,25806
4	0	LM71SX	-29,6624	4-1	0
4	0,25806	LM71SX	-70,7181	4-1	0,25806
4	0	LM71DX	-12,7191	4-1	0
4	0,25806	LM71DX	-48,0574	4-1	0,25806
4	0	STLM71	167,3748	4-1	0
4	0,25806	STLM71	165,4434	4-1	0,25806
4	0	AVVLM71	211,9798	4-1	0
4	0,25806	AVVLM71	211,6146	4-1	0,25806
4	0	SW2	-19,3605	4-1	0
4	0,25806	SW2	-58,0008	4-1	0,25806
4	0	STSW2	285,2039	4-1	0
4	0,25806	STSW2	281,9126	4-1	0,25806
4	0	INCRTER	1271,7966	4-1	0
4	0,25806	INCRTER	1257,1202	4-1	0,25806
4	0	LM71SISO	69,088	4-1	0
4	0,25806	LM71SISO	68,969	4-1	0,25806
4	0	SW2SISO	60,3635	4-1	0
4	0,25806	SW2SISO	60,2596	4-1	0,25806
4	0	SISMAO	541,0292	4-1	0
4	0,25806	SISMAO	537,8978	4-1	0,25806
4	0	LM71SVA	0,6877	4-1	0
4	0,25806	LM71SVA	2,0601	4-1	0,25806
4	0	SW2SVA	0,6	4-1	0
4	0,25806	SW2SVA	1,7974	4-1	0,25806
4	0	SISMAVA	-0,2171	4-1	0
4	0,25806	SISMAVA	14,4394	4-1	0,25806
4	0	LM71SVB	-0,6877	4-1	0
4	0,25806	LM71SVB	-2,0601	4-1	0,25806
4	0	SW2SVB	-0,6	4-1	0
4	0,25806	SW2SVB	-1,7974	4-1	0,25806
4	0	SISMAVB	0,2171	4-1	0
4	0,25806	SISMAVB	-14,4394	4-1	0,25806
5	0	PP	-50,7174	5-1	0
5	0,25806	PP	-112,0024	5-1	0,25806
5	0	REINTSUP	-22,5643	5-1	0
5	0,25806	REINTSUP	-36,4746	5-1	0,25806
5	0	BALLAST	-19,9097	5-1	0
5	0,25806	BALLAST	-32,1835	5-1	0,25806
5	0	STERRASX	852,8322	5-1	0
5	0,25806	STERRASX	832,9888	5-1	0,25806
5	0	STERRADX	-547,6026	5-1	0
5	0,25806	STERRADX	-528,4283	5-1	0,25806
5	0	TERMP	-9,0493	5-1	0
5	0,25806	TERMP	-9,0295	5-1	0,25806
5	0	TERMN	27,1479	5-1	0
5	0,25806	TERMN	27,0884	5-1	0,25806
5	0	GRADTP	16,8244	5-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
5	0,25806	GRADTP	16,7875	5-1	0,25806
5	0	GRADTN	-16,8244	5-1	0
5	0,25806	GRADTN	-16,7875	5-1	0,25806
5	0	LM71C	-61,3556	5-1	0
5	0,25806	LM71C	-96,6961	5-1	0,25806
5	0	LM71SX	-70,7181	5-1	0
5	0,25806	LM71SX	-108,1815	5-1	0,25806
5	0	LM71DX	-48,0574	5-1	0
5	0,25806	LM71DX	-81,2835	5-1	0,25806
5	0	STLM71	165,4434	5-1	0
5	0,25806	STLM71	161,7619	5-1	0,25806
5	0	AVVLM71	211,6146	5-1	0
5	0,25806	AVVLM71	208,1713	5-1	0,25806
5	0	SW2	-58,0008	5-1	0
5	0,25806	SW2	-93,7567	5-1	0,25806
5	0	STSW2	281,9126	5-1	0
5	0,25806	STSW2	275,6395	5-1	0,25806
5	0	INCRTER	1257,1202	5-1	0
5	0,25806	INCRTER	1229,1467	5-1	0,25806
5	0	LM71SISO	68,969	5-1	0
5	0,25806	LM71SISO	67,8467	5-1	0,25806
5	0	SW2SISO	60,2596	5-1	0
5	0,25806	SW2SISO	59,279	5-1	0,25806
5	0	SISMAO	537,8978	5-1	0
5	0,25806	SISMAO	527,3822	5-1	0,25806
5	0	LM71SVA	2,0601	5-1	0
5	0,25806	LM71SVA	3,3301	5-1	0,25806
5	0	SW2SVA	1,7974	5-1	0
5	0,25806	SW2SVA	2,9055	5-1	0,25806
5	0	SISMAVA	14,4394	5-1	0
5	0,25806	SISMAVA	28,0054	5-1	0,25806
5	0	LM71SVB	-2,0601	5-1	0
5	0,25806	LM71SVB	-3,3301	5-1	0,25806
5	0	SW2SVB	-1,7974	5-1	0
5	0,25806	SW2SVB	-2,9055	5-1	0,25806
5	0	SISMAVB	-14,4394	5-1	0
5	0,25806	SISMAVB	-28,0054	5-1	0,25806
6	0	PP	-112,0024	6-1	0
6	0,25806	PP	-168,4056	6-1	0,25806
6	0	REINTSUP	-36,4746	6-1	0
6	0,25806	REINTSUP	-49,2724	6-1	0,25806
6	0	BALLAST	-32,1835	6-1	0
6	0,25806	BALLAST	-43,4756	6-1	0,25806
6	0	STERRASX	832,9888	6-1	0
6	0,25806	STERRASX	805,5839	6-1	0,25806
6	0	STERRADX	-528,4283	6-1	0
6	0,25806	STERRADX	-501,7604	6-1	0,25806
6	0	TERMP	-9,0295	6-1	0
6	0,25806	TERMP	-9,0076	6-1	0,25806
6	0	TERMN	27,0884	6-1	0
6	0,25806	TERMN	27,0228	6-1	0,25806
6	0	GRADTP	16,7875	6-1	0
6	0,25806	GRADTP	16,7469	6-1	0,25806
6	0	GRADTN	-16,7875	6-1	0
6	0,25806	GRADTN	-16,7469	6-1	0,25806
6	0	LM71C	-96,6961	6-1	0
6	0,25806	LM71C	-129,2086	6-1	0,25806
6	0	LM71SX	-108,1815	6-1	0
6	0,25806	LM71SX	-142,1329	6-1	0,25806
6	0	LM71DX	-81,2835	6-1	0
6	0,25806	LM71DX	-112,3667	6-1	0,25806
6	0	STLM71	161,7619	6-1	0
6	0,25806	STLM71	156,4674	6-1	0,25806
6	0	AVVLM71	208,1713	6-1	0
6	0,25806	AVVLM71	201,8861	6-1	0,25806
6	0	SW2	-93,7567	6-1	0
6	0,25806	SW2	-126,653	6-1	0,25806
6	0	STSW2	275,6395	6-1	0
6	0,25806	STSW2	266,6177	6-1	0,25806
6	0	INCRTER	1229,1467	6-1	0
6	0,25806	INCRTER	1188,9164	6-1	0,25806
6	0	LM71SISO	67,8467	6-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
6	0,25806	LM71SISO	65,7982	6-1	0,25806
6	0	SW2SISO	59,279	6-1	0
6	0,25806	SW2SISO	57,4892	6-1	0,25806
6	0	SISMAO	527,3822	6-1	0
6	0,25806	SISMAO	510,0506	6-1	0,25806
6	0	LM71SVA	3,3301	6-1	0
6	0,25806	LM71SVA	4,4985	6-1	0,25806
6	0	SW2SVA	2,9055	6-1	0
6	0,25806	SW2SVA	3,9249	6-1	0,25806
6	0	SISMAVA	28,0054	6-1	0
6	0,25806	SISMAVA	40,4894	6-1	0,25806
6	0	LM71SVB	-3,3301	6-1	0
6	0,25806	LM71SVB	-4,4985	6-1	0,25806
6	0	SW2SVB	-2,9055	6-1	0
6	0,25806	SW2SVB	-3,9249	6-1	0,25806
6	0	SISMAVB	-28,0054	6-1	0
6	0,25806	SISMAVB	-40,4894	6-1	0,25806
7	0	PP	-168,4056	7-1	0
7	0,25806	PP	-219,9634	7-1	0,25806
7	0	REINTSUP	-49,2724	7-1	0
7	0,25806	REINTSUP	-60,9671	7-1	0,25806
7	0	BALLAST	-43,4756	7-1	0
7	0,25806	BALLAST	-53,7945	7-1	0,25806
7	0	STERRASX	805,5839	7-1	0
7	0,25806	STERRASX	771,2575	7-1	0,25806
7	0	STERRADX	-501,7604	7-1	0
7	0,25806	STERRADX	-468,21	7-1	0,25806
7	0	TERMP	-9,0076	7-1	0
7	0,25806	TERMP	-8,9846	7-1	0,25806
7	0	TERMN	27,0228	7-1	0
7	0,25806	TERMN	26,9538	7-1	0,25806
7	0	GRADTP	16,7469	7-1	0
7	0,25806	GRADTP	16,7041	7-1	0,25806
7	0	GRADTN	-16,7469	7-1	0
7	0,25806	GRADTN	-16,7041	7-1	0,25806
7	0	LM71C	-129,2086	7-1	0
7	0,25806	LM71C	-158,9173	7-1	0,25806
7	0	LM71SX	-142,1329	7-1	0
7	0,25806	LM71SX	-172,6517	7-1	0,25806
7	0	LM71DX	-112,3667	7-1	0
7	0,25806	LM71DX	-141,2753	7-1	0,25806
7	0	STLM71	156,4674	7-1	0
7	0,25806	STLM71	149,6954	7-1	0,25806
7	0	AVVLM71	201,8861	7-1	0
7	0,25806	AVVLM71	192,9938	7-1	0,25806
7	0	SW2	-126,653	7-1	0
7	0,25806	SW2	-156,7138	7-1	0,25806
7	0	STSW2	266,6177	7-1	0
7	0,25806	STSW2	255,0784	7-1	0,25806
7	0	INCRTER	1188,9164	7-1	0
7	0,25806	INCRTER	1137,4596	7-1	0,25806
7	0	LM71SISO	65,7982	7-1	0
7	0,25806	LM71SISO	62,9001	7-1	0,25806
7	0	SW2SISO	57,4892	7-1	0
7	0,25806	SW2SISO	54,9571	7-1	0,25806
7	0	SISMAO	510,0506	7-1	0
7	0,25806	SISMAO	486,4668	7-1	0,25806
7	0	LM71SVA	4,4985	7-1	0
7	0,25806	LM71SVA	5,5662	7-1	0,25806
7	0	SW2SVA	3,9249	7-1	0
7	0,25806	SW2SVA	4,8564	7-1	0,25806
7	0	SISMAVA	40,4894	7-1	0
7	0,25806	SISMAVA	51,8999	7-1	0,25806
7	0	LM71SVB	-4,4985	7-1	0
7	0,25806	LM71SVB	-5,5662	7-1	0,25806
7	0	SW2SVB	-3,9249	7-1	0
7	0,25806	SW2SVB	-4,8564	7-1	0,25806
7	0	SISMAVB	-40,4894	7-1	0
7	0,25806	SISMAVB	-51,8999	7-1	0,25806
8	0	PP	-219,9634	8-1	0
8	0,25806	PP	-266,7109	8-1	0,25806
8	0	REINTSUP	-60,9671	8-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
8	0,25806	REINTSUP	-71,5676	8-1	0,25806
8	0	BALLAST	-53,7945	8-1	0
8	0,25806	BALLAST	-63,1478	8-1	0,25806
8	0	STERRASX	771,2575	8-1	0
8	0,25806	STERRASX	730,6427	8-1	0,25806
8	0	STERRADX	-468,21	8-1	0
8	0,25806	STERRADX	-428,3842	8-1	0,25806
8	0	TERMP	-8,9846	8-1	0
8	0,25806	TERMP	-8,9612	8-1	0,25806
8	0	TERMN	26,9538	8-1	0
8	0,25806	TERMN	26,8836	8-1	0,25806
8	0	GRADTP	16,7041	8-1	0
8	0,25806	GRADTP	16,6606	8-1	0,25806
8	0	GRADTN	-16,7041	8-1	0
8	0,25806	GRADTN	-16,6606	8-1	0,25806
8	0	LM71C	-158,9173	8-1	0
8	0,25806	LM71C	-185,8452	8-1	0,25806
8	0	LM71SX	-172,6517	8-1	0
8	0,25806	LM71SX	-199,8161	8-1	0,25806
8	0	LM71DX	-141,2753	8-1	0
8	0,25806	LM71DX	-167,9769	8-1	0,25806
8	0	STLM71	149,6954	8-1	0
8	0,25806	STLM71	141,5803	8-1	0,25806
8	0	AVVLM71	192,9938	8-1	0
8	0,25806	AVVLM71	181,7274	8-1	0,25806
8	0	SW2	-156,7138	8-1	0
8	0,25806	SW2	-183,9619	8-1	0,25806
8	0	STSW2	255,0784	8-1	0
8	0,25806	STSW2	241,2504	8-1	0,25806
8	0	INCRTER	1137,4596	8-1	0
8	0,25806	INCRTER	1075,7969	8-1	0,25806
8	0	LM71SISO	62,9001	8-1	0
8	0,25806	LM71SISO	59,2282	8-1	0,25806
8	0	SW2SISO	54,9571	8-1	0
8	0,25806	SW2SISO	51,7489	8-1	0,25806
8	0	SISMAO	486,4668	8-1	0
8	0,25806	SISMAO	457,1903	8-1	0,25806
8	0	LM71SVA	5,5662	8-1	0
8	0,25806	LM71SVA	6,534	8-1	0,25806
8	0	SW2SVA	4,8564	8-1	0
8	0,25806	SW2SVA	5,7008	8-1	0,25806
8	0	SISMAVA	51,8999	8-1	0
8	0,25806	SISMAVA	62,2448	8-1	0,25806
8	0	LM71SVB	-5,5662	8-1	0
8	0,25806	LM71SVB	-6,534	8-1	0,25806
8	0	SW2SVB	-4,8564	8-1	0
8	0,25806	SW2SVB	-5,7008	8-1	0,25806
8	0	SISMAVB	-51,8999	8-1	0
8	0,25806	SISMAVB	-62,2448	8-1	0,25806
9	0	PP	-266,7109	9-1	0
9	0,25806	PP	-308,6811	9-1	0,25806
9	0	REINTSUP	-71,5676	9-1	0
9	0,25806	REINTSUP	-81,0822	9-1	0,25806
9	0	BALLAST	-63,1478	9-1	0
9	0,25806	BALLAST	-71,5431	9-1	0,25806
9	0	STERRASX	730,6427	9-1	0
9	0,25806	STERRASX	684,3665	9-1	0,25806
9	0	STERRADX	-428,3842	9-1	0
9	0,25806	STERRADX	-382,8859	9-1	0,25806
9	0	TERMP	-8,9612	9-1	0
9	0,25806	TERMP	-8,9381	9-1	0,25806
9	0	TERMN	26,8836	9-1	0
9	0,25806	TERMN	26,8144	9-1	0,25806
9	0	GRADTP	16,6606	9-1	0
9	0,25806	GRADTP	16,6177	9-1	0,25806
9	0	GRADTN	-16,6606	9-1	0
9	0,25806	GRADTN	-16,6177	9-1	0,25806
9	0	LM71C	-185,8452	9-1	0
9	0,25806	LM71C	-210,014	9-1	0,25806
9	0	LM71SX	-199,8161	9-1	0
9	0,25806	LM71SX	-223,7026	9-1	0,25806
9	0	LM71DX	-167,9769	9-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
9	0,25806	LM71DX	-192,4379	9-1	0,25806
9	0	STLM71	141,5803	9-1	0
9	0,25806	STLM71	132,2551	9-1	0,25806
9	0	AVVLM71	181,7274	9-1	0
9	0,25806	AVVLM71	168,3184	9-1	0,25806
9	0	SW2	-183,9619	9-1	0
9	0,25806	SW2	-208,4191	9-1	0,25806
9	0	STSW2	241,2504	9-1	0
9	0,25806	STSW2	225,3603	9-1	0,25806
9	0	INCRTER	1075,7969	9-1	0
9	0,25806	INCRTER	1004,9391	9-1	0,25806
9	0	LM71SISO	59,2282	9-1	0
9	0,25806	LM71SISO	54,858	9-1	0,25806
9	0	SW2SISO	51,7489	9-1	0
9	0,25806	SW2SISO	47,9305	9-1	0,25806
9	0	SISMAO	457,1903	9-1	0
9	0,25806	SISMAO	422,7766	9-1	0,25806
9	0	LM71SVA	6,534	9-1	0
9	0,25806	LM71SVA	7,4027	9-1	0,25806
9	0	SW2SVA	5,7008	9-1	0
9	0,25806	SW2SVA	6,4588	9-1	0,25806
9	0	SISMAVA	62,2448	9-1	0
9	0,25806	SISMAVA	71,5319	9-1	0,25806
9	0	LM71SVB	-6,534	9-1	0
9	0,25806	LM71SVB	-7,4027	9-1	0,25806
9	0	SW2SVB	-5,7008	9-1	0
9	0,25806	SW2SVB	-6,4588	9-1	0,25806
9	0	SISMAVB	-62,2448	9-1	0
9	0,25806	SISMAVB	-71,5319	9-1	0,25806
10	0	PP	-308,6811	10-1	0
10	0,25806	PP	-345,9049	10-1	0,25806
10	0	REINTSUP	-81,0822	10-1	0
10	0,25806	REINTSUP	-89,5189	10-1	0,25806
10	0	BALLAST	-71,5431	10-1	0
10	0,25806	BALLAST	-78,9872	10-1	0,25806
10	0	STERRASX	684,3665	10-1	0
10	0,25806	STERRASX	633,0497	10-1	0,25806
10	0	STERRADX	-382,8859	10-1	0
10	0,25806	STERRADX	-332,3146	10-1	0,25806
10	0	TERMP	-8,9381	10-1	0
10	0,25806	TERMP	-8,916	10-1	0,25806
10	0	TERMN	26,8144	10-1	0
10	0,25806	TERMN	26,7481	10-1	0,25806
10	0	GRADTP	16,6177	10-1	0
10	0,25806	GRADTP	16,5766	10-1	0,25806
10	0	GRADTN	-16,6177	10-1	0
10	0,25806	GRADTN	-16,5766	10-1	0,25806
10	0	LM71C	-210,014	10-1	0
10	0,25806	LM71C	-231,4436	10-1	0,25806
10	0	LM71SX	-223,7026	10-1	0
10	0,25806	LM71SX	-244,3864	10-1	0,25806
10	0	LM71DX	-192,4379	10-1	0
10	0,25806	LM71DX	-214,623	10-1	0,25806
10	0	STLM71	132,2551	10-1	0
10	0,25806	STLM71	121,8516	10-1	0,25806
10	0	AVVLM71	168,3184	10-1	0
10	0,25806	AVVLM71	152,9967	10-1	0,25806
10	0	SW2	-208,4191	10-1	0
10	0,25806	SW2	-230,1052	10-1	0,25806
10	0	STSW2	225,3603	10-1	0
10	0,25806	STSW2	207,6331	10-1	0,25806
10	0	INCRTER	1004,9391	10-1	0
10	0,25806	INCRTER	925,8887	10-1	0,25806
10	0	LM71SISO	54,858	10-1	0
10	0,25806	LM71SISO	49,8643	10-1	0,25806
10	0	SW2SISO	47,9305	10-1	0
10	0,25806	SW2SISO	43,5675	10-1	0,25806
10	0	SISMAO	422,7766	10-1	0
10	0,25806	SISMAO	383,7773	10-1	0,25806
10	0	LM71SVA	7,4027	10-1	0
10	0,25806	LM71SVA	8,173	10-1	0,25806
10	0	SW2SVA	6,4588	10-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
10	0,25806	SW2SVA	7,1308	10-1	0,25806
10	0	SISMAVA	71,5319	10-1	0
10	0,25806	SISMAVA	79,7681	10-1	0,25806
10	0	LM71SVB	-7,4027	10-1	0
10	0,25806	LM71SVB	-8,173	10-1	0,25806
10	0	SW2SVB	-6,4588	10-1	0
10	0,25806	SW2SVB	-7,1308	10-1	0,25806
10	0	SISMAVB	-71,5319	10-1	0
10	0,25806	SISMAVB	-79,7681	10-1	0,25806
11	0	PP	-345,9049	11-1	0
11	0,25806	PP	-378,4106	11-1	0,25806
11	0	REINTSUP	-89,5189	11-1	0
11	0,25806	REINTSUP	-96,8846	11-1	0,25806
11	0	BALLAST	-78,9872	11-1	0
11	0,25806	BALLAST	-85,4864	11-1	0,25806
11	0	STERRASX	633,0497	11-1	0
11	0,25806	STERRASX	577,3078	11-1	0,25806
11	0	STERRADX	-332,3146	11-1	0
11	0,25806	STERRADX	-277,2666	11-1	0,25806
11	0	TERMP	-8,916	11-1	0
11	0,25806	TERMP	-8,8955	11-1	0,25806
11	0	TERMN	26,7481	11-1	0
11	0,25806	TERMN	26,6864	11-1	0,25806
11	0	GRADTP	16,5766	11-1	0
11	0,25806	GRADTP	16,5384	11-1	0,25806
11	0	GRADTN	-16,5766	11-1	0
11	0,25806	GRADTN	-16,5384	11-1	0,25806
11	0	LM71C	-231,4436	11-1	0
11	0,25806	LM71C	-250,1526	11-1	0,25806
11	0	LM71SX	-244,3864	11-1	0
11	0,25806	LM71SX	-261,9405	11-1	0,25806
11	0	LM71DX	-214,623	11-1	0
11	0,25806	LM71DX	-234,4958	11-1	0,25806
11	0	STLM71	121,8516	11-1	0
11	0,25806	STLM71	110,5008	11-1	0,25806
11	0	AVVLM71	152,9967	11-1	0
11	0,25806	AVVLM71	135,9907	11-1	0,25806
11	0	SW2	-230,1052	11-1	0
11	0,25806	SW2	-249,0386	11-1	0,25806
11	0	STSW2	207,6331	11-1	0
11	0,25806	STSW2	188,2915	11-1	0,25806
11	0	INCRTER	925,8887	11-1	0
11	0,25806	INCRTER	839,6396	11-1	0,25806
11	0	LM71SISO	49,8643	11-1	0
11	0,25806	LM71SISO	44,3218	11-1	0,25806
11	0	SW2SISO	43,5675	11-1	0
11	0,25806	SW2SISO	38,7248	11-1	0,25806
11	0	SISMAO	383,7773	11-1	0
11	0,25806	SISMAO	340,7407	11-1	0,25806
11	0	LM71SVA	8,173	11-1	0
11	0,25806	LM71SVA	8,8455	11-1	0,25806
11	0	SW2SVA	7,1308	11-1	0
11	0,25806	SW2SVA	7,7175	11-1	0,25806
11	0	SISMAVA	79,7681	11-1	0
11	0,25806	SISMAVA	86,9599	11-1	0,25806
11	0	LM71SVB	-8,173	11-1	0
11	0,25806	LM71SVB	-8,8455	11-1	0,25806
11	0	SW2SVB	-7,1308	11-1	0
11	0,25806	SW2SVB	-7,7175	11-1	0,25806
11	0	SISMAVB	-79,7681	11-1	0
11	0,25806	SISMAVB	-86,9599	11-1	0,25806
12	0	PP	-378,4106	12-1	0
12	0,25806	PP	-406,2235	12-1	0,25806
12	0	REINTSUP	-96,8846	12-1	0
12	0,25806	REINTSUP	-103,1858	12-1	0,25806
12	0	BALLAST	-85,4864	12-1	0
12	0,25806	BALLAST	-91,0463	12-1	0,25806
12	0	STERRASX	577,3078	12-1	0
12	0,25806	STERRASX	517,7509	12-1	0,25806
12	0	STERRADX	-277,2666	12-1	0
12	0,25806	STERRADX	-218,3353	12-1	0,25806
12	0	TERMP	-8,8955	12-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
12	0,25806	TERMP	-8,8769	12-1	0,25806
12	0	TERMN	26,6864	12-1	0
12	0,25806	TERMN	26,6308	12-1	0,25806
12	0	GRADTP	16,5384	12-1	0
12	0,25806	GRADTP	16,5039	12-1	0,25806
12	0	GRADTN	-16,5384	12-1	0
12	0,25806	GRADTN	-16,5039	12-1	0,25806
12	0	LM71C	-250,1526	12-1	0
12	0,25806	LM71C	-266,1572	12-1	0,25806
12	0	LM71SX	-261,9405	12-1	0
12	0,25806	LM71SX	-276,4361	12-1	0,25806
12	0	LM71DX	-234,4958	12-1	0
12	0,25806	LM71DX	-252,0176	12-1	0,25806
12	0	STLM71	110,5008	12-1	0
12	0,25806	STLM71	98,3324	12-1	0,25806
12	0	AVVLM71	135,9907	12-1	0
12	0,25806	AVVLM71	117,5278	12-1	0,25806
12	0	SW2	-249,0386	12-1	0
12	0,25806	SW2	-265,2356	12-1	0,25806
12	0	STSW2	188,2915	12-1	0
12	0,25806	STSW2	167,5568	12-1	0,25806
12	0	INCRTER	839,6396	12-1	0
12	0,25806	INCRTER	747,1783	12-1	0,25806
12	0	LM71SISO	44,3218	12-1	0
12	0,25806	LM71SISO	38,3044	12-1	0,25806
12	0	SW2SISO	38,7248	12-1	0
12	0,25806	SW2SISO	33,4673	12-1	0,25806
12	0	SISMAO	340,7407	12-1	0
12	0,25806	SISMAO	294,2118	12-1	0,25806
12	0	LM71SVA	8,8455	12-1	0
12	0,25806	LM71SVA	9,4208	12-1	0,25806
12	0	SW2SVA	7,7175	12-1	0
12	0,25806	SW2SVA	8,2195	12-1	0,25806
12	0	SISMAVA	86,9599	12-1	0
12	0,25806	SISMAVA	93,1131	12-1	0,25806
12	0	LM71SVB	-8,8455	12-1	0
12	0,25806	LM71SVB	-9,4208	12-1	0,25806
12	0	SW2SVB	-7,7175	12-1	0
12	0,25806	SW2SVB	-8,2195	12-1	0,25806
12	0	SISMAVB	-86,9599	12-1	0
12	0,25806	SISMAVB	-93,1131	12-1	0,25806
13	0	PP	-406,2235	13-1	0
13	0,25806	PP	-429,366	13-1	0,25806
13	0	REINTSUP	-103,1858	13-1	0
13	0,25806	REINTSUP	-108,4281	13-1	0,25806
13	0	BALLAST	-91,0463	13-1	0
13	0,25806	BALLAST	-95,6719	13-1	0,25806
13	0	STERRASX	517,7509	13-1	0
13	0,25806	STERRASX	454,9843	13-1	0,25806
13	0	STERRADX	-218,3353	13-1	0
13	0,25806	STERRADX	-156,1119	13-1	0,25806
13	0	TERMP	-8,8769	13-1	0
13	0,25806	TERMP	-8,8608	13-1	0,25806
13	0	TERMN	26,6308	13-1	0
13	0,25806	TERMN	26,5824	13-1	0,25806
13	0	GRADTP	16,5039	13-1	0
13	0,25806	GRADTP	16,474	13-1	0,25806
13	0	GRADTN	-16,5039	13-1	0
13	0,25806	GRADTN	-16,474	13-1	0,25806
13	0	LM71C	-266,1572	13-1	0
13	0,25806	LM71C	-279,4719	13-1	0,25806
13	0	LM71SX	-276,4361	13-1	0
13	0,25806	LM71SX	-287,942	13-1	0,25806
13	0	LM71DX	-252,0176	13-1	0
13	0,25806	LM71DX	-267,1481	13-1	0,25806
13	0	STLM71	98,3324	13-1	0
13	0,25806	STLM71	85,4754	13-1	0,25806
13	0	AVVLM71	117,5278	13-1	0
13	0,25806	AVVLM71	97,834	13-1	0,25806
13	0	SW2	-265,2356	13-1	0
13	0,25806	SW2	-278,7107	13-1	0,25806
13	0	STSW2	167,5568	13-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
13	0,25806	STSW2	145,6486	13-1	0,25806
13	0	INCRTER	747,1783	13-1	0
13	0,25806	INCRTER	649,4843	13-1	0,25806
13	0	LM71SISO	38,3044	13-1	0
13	0,25806	LM71SISO	31,8858	13-1	0,25806
13	0	SW2SISO	33,4673	13-1	0
13	0,25806	SW2SISO	27,8593	13-1	0,25806
13	0	SISMAO	294,2118	13-1	0
13	0,25806	SISMAO	244,7327	13-1	0,25806
13	0	LM71SVA	9,4208	13-1	0
13	0,25806	LM71SVA	9,8994	13-1	0,25806
13	0	SW2SVA	8,2195	13-1	0
13	0,25806	SW2SVA	8,637	13-1	0,25806
13	0	SISMAVA	93,1131	13-1	0
13	0,25806	SISMAVA	98,2328	13-1	0,25806
13	0	LM71SVB	-9,4208	13-1	0
13	0,25806	LM71SVB	-9,8994	13-1	0,25806
13	0	SW2SVB	-8,2195	13-1	0
13	0,25806	SW2SVB	-8,637	13-1	0,25806
13	0	SISMAVB	-93,1131	13-1	0
13	0,25806	SISMAVB	-98,2328	13-1	0,25806
14	0	PP	-429,366	14-1	0
14	0,25806	PP	-447,8569	14-1	0,25806
14	0	REINTSUP	-108,4281	14-1	0
14	0,25806	REINTSUP	-112,6161	14-1	0,25806
14	0	BALLAST	-95,6719	14-1	0
14	0,25806	BALLAST	-99,3672	14-1	0,25806
14	0	STERRASX	454,9843	14-1	0
14	0,25806	STERRASX	389,6094	14-1	0,25806
14	0	STERRADX	-156,1119	14-1	0
14	0,25806	STERRADX	-91,1857	14-1	0,25806
14	0	TERMP	-8,8608	14-1	0
14	0,25806	TERMP	-8,8475	14-1	0,25806
14	0	TERMN	26,5824	14-1	0
14	0,25806	TERMN	26,5425	14-1	0,25806
14	0	GRADTP	16,474	14-1	0
14	0,25806	GRADTP	16,4492	14-1	0,25806
14	0	GRADTN	-16,474	14-1	0
14	0,25806	GRADTN	-16,4492	14-1	0,25806
14	0	LM71C	-279,4719	14-1	0
14	0,25806	LM71C	-290,1088	14-1	0,25806
14	0	LM71SX	-287,942	14-1	0
14	0,25806	LM71SX	-296,5248	14-1	0,25806
14	0	LM71DX	-267,1481	14-1	0
14	0,25806	LM71DX	-279,8448	14-1	0,25806
14	0	STLM71	85,4754	14-1	0
14	0,25806	STLM71	72,0579	14-1	0,25806
14	0	AVVLM71	97,834	14-1	0
14	0,25806	AVVLM71	77,1345	14-1	0,25806
14	0	SW2	-278,7107	14-1	0
14	0,25806	SW2	-289,4759	14-1	0,25806
14	0	STSW2	145,6486	14-1	0
14	0,25806	STSW2	122,7853	14-1	0,25806
14	0	INCRTER	649,4843	14-1	0
14	0,25806	INCRTER	547,5311	14-1	0,25806
14	0	LM71SISO	31,8858	14-1	0
14	0,25806	LM71SISO	25,1395	14-1	0,25806
14	0	SW2SISO	27,8593	14-1	0
14	0,25806	SW2SISO	21,9649	14-1	0,25806
14	0	SISMAO	244,7327	14-1	0
14	0,25806	SISMAO	192,8434	14-1	0,25806
14	0	LM71SVA	9,8994	14-1	0
14	0,25806	LM71SVA	10,2817	14-1	0,25806
14	0	SW2SVA	8,637	14-1	0
14	0,25806	SW2SVA	8,9706	14-1	0,25806
14	0	SISMAVA	98,2328	14-1	0
14	0,25806	SISMAVA	102,3233	14-1	0,25806
14	0	LM71SVB	-9,8994	14-1	0
14	0,25806	LM71SVB	-10,2817	14-1	0,25806
14	0	SW2SVB	-8,637	14-1	0
14	0,25806	SW2SVB	-8,9706	14-1	0,25806
14	0	SISMAVB	-98,2328	14-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
14	0,25806	SISMAVB	-102,3233	14-1	0,25806
15	0	PP	-447,8569	15-1	0
15	0,25806	PP	-461,7114	15-1	0,25806
15	0	REINTSUP	-112,6161	15-1	0
15	0,25806	REINTSUP	-115,7538	15-1	0,25806
15	0	BALLAST	-99,3672	15-1	0
15	0,25806	BALLAST	-102,1357	15-1	0,25806
15	0	STERRASX	389,6094	15-1	0
15	0,25806	STERRASX	322,2237	15-1	0,25806
15	0	STERRADX	-91,1857	15-1	0
15	0,25806	STERRADX	-24,1448	15-1	0,25806
15	0	TERMP	-8,8475	15-1	0
15	0,25806	TERMP	-8,8373	15-1	0,25806
15	0	TERMN	26,5425	15-1	0
15	0,25806	TERMN	26,5119	15-1	0,25806
15	0	GRADTP	16,4492	15-1	0
15	0,25806	GRADTP	16,4302	15-1	0,25806
15	0	GRADTN	-16,4492	15-1	0
15	0,25806	GRADTN	-16,4302	15-1	0,25806
15	0	LM71C	-290,1088	15-1	0
15	0,25806	LM71C	-298,0777	15-1	0,25806
15	0	LM71SX	-296,5248	15-1	0
15	0,25806	LM71SX	-302,2489	15-1	0,25806
15	0	LM71DX	-279,8448	15-1	0
15	0,25806	LM71DX	-290,063	15-1	0,25806
15	0	STLM71	72,0579	15-1	0
15	0,25806	STLM71	58,2072	15-1	0,25806
15	0	AVVLM71	77,1345	15-1	0
15	0,25806	AVVLM71	55,6536	15-1	0,25806
15	0	SW2	-289,4759	15-1	0
15	0,25806	SW2	-297,5411	15-1	0,25806
15	0	STSW2	122,7853	15-1	0
15	0,25806	STSW2	99,184	15-1	0,25806
15	0	INCRTER	547,5311	15-1	0
15	0,25806	INCRTER	442,2868	15-1	0,25806
15	0	LM71SISO	25,1395	15-1	0
15	0,25806	LM71SISO	18,1385	15-1	0,25806
15	0	SW2SISO	21,9649	15-1	0
15	0,25806	SW2SISO	15,848	15-1	0,25806
15	0	SISMAO	192,8434	15-1	0
15	0,25806	SISMAO	139,0814	15-1	0,25806
15	0	LM71SVA	10,2817	15-1	0
15	0,25806	LM71SVA	10,5682	15-1	0,25806
15	0	SW2SVA	8,9706	15-1	0
15	0,25806	SW2SVA	9,2206	15-1	0,25806
15	0	SISMAVA	102,3233	15-1	0
15	0,25806	SISMAVA	105,388	15-1	0,25806
15	0	LM71SVB	-10,2817	15-1	0
15	0,25806	LM71SVB	-10,5682	15-1	0,25806
15	0	SW2SVB	-8,9706	15-1	0
15	0,25806	SW2SVB	-9,2206	15-1	0,25806
15	0	SISMAVB	-102,3233	15-1	0
15	0,25806	SISMAVB	-105,388	15-1	0,25806
16	0	PP	-461,7114	16-1	0
16	0,25806	PP	-470,9413	16-1	0,25806
16	0	REINTSUP	-115,7538	16-1	0
16	0,25806	REINTSUP	-117,8439	16-1	0,25806
16	0	BALLAST	-102,1357	16-1	0
16	0,25806	BALLAST	-103,9799	16-1	0,25806
16	0	STERRASX	322,2237	16-1	0
16	0,25806	STERRASX	253,4214	16-1	0,25806
16	0	STERRADX	-24,1448	16-1	0
16	0,25806	STERRADX	44,4235	16-1	0,25806
16	0	TERMP	-8,8373	16-1	0
16	0,25806	TERMP	-8,8304	16-1	0,25806
16	0	TERMN	26,5119	16-1	0
16	0,25806	TERMN	26,4911	16-1	0,25806
16	0	GRADTP	16,4302	16-1	0
16	0,25806	GRADTP	16,4173	16-1	0,25806
16	0	GRADTN	-16,4302	16-1	0
16	0,25806	GRADTN	-16,4173	16-1	0,25806
16	0	LM71C	-298,0777	16-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
16	0,25806	LM71C	-303,3862	16-1	0,25806
16	0	LM71SX	-302,2489	16-1	0
16	0,25806	LM71SX	-305,176	16-1	0,25806
16	0	LM71DX	-290,063	16-1	0
16	0,25806	LM71DX	-297,7559	16-1	0,25806
16	0	STLM71	58,2072	16-1	0
16	0,25806	STLM71	44,0502	16-1	0,25806
16	0	AVVLM71	55,6536	16-1	0
16	0,25806	AVVLM71	33,6151	16-1	0,25806
16	0	SW2	-297,5411	16-1	0
16	0,25806	SW2	-302,9137	16-1	0,25806
16	0	STSW2	99,184	16-1	0
16	0,25806	STSW2	75,0608	16-1	0,25806
16	0	INCRTER	442,2868	16-1	0
16	0,25806	INCRTER	334,7151	16-1	0,25806
16	0	LM71SISO	18,1385	16-1	0
16	0,25806	LM71SISO	10,9558	16-1	0,25806
16	0	SW2SISO	15,848	16-1	0
16	0,25806	SW2SISO	9,5723	16-1	0,25806
16	0	SISMAO	139,0814	16-1	0
16	0,25806	SISMAO	83,9831	16-1	0,25806
16	0	LM71SVA	10,5682	16-1	0
16	0,25806	LM71SVA	10,759	16-1	0,25806
16	0	SW2SVA	9,2206	16-1	0
16	0,25806	SW2SVA	9,3871	16-1	0,25806
16	0	SISMAVA	105,388	16-1	0
16	0,25806	SISMAVA	107,4297	16-1	0,25806
16	0	LM71SVB	-10,5682	16-1	0
16	0,25806	LM71SVB	-10,759	16-1	0,25806
16	0	SW2SVB	-9,2206	16-1	0
16	0,25806	SW2SVB	-9,3871	16-1	0,25806
16	0	SISMAVB	-105,388	16-1	0
16	0,25806	SISMAVB	-107,4297	16-1	0,25806
17	0	PP	-470,9413	17-1	0
17	0,25806	PP	-475,5543	17-1	0,25806
17	0	REINTSUP	-117,8439	17-1	0
17	0,25806	REINTSUP	-118,8885	17-1	0,25806
17	0	BALLAST	-103,9799	17-1	0
17	0,25806	BALLAST	-104,9016	17-1	0,25806
17	0	STERRASX	253,4214	17-1	0
17	0,25806	STERRASX	183,7944	17-1	0,25806
17	0	STERRADX	44,4235	17-1	0
17	0,25806	STERRADX	113,9324	17-1	0,25806
17	0	TERMP	-8,8304	17-1	0
17	0,25806	TERMP	-8,8268	17-1	0,25806
17	0	TERMN	26,4911	17-1	0
17	0,25806	TERMN	26,4805	17-1	0,25806
17	0	GRADTP	16,4173	17-1	0
17	0,25806	GRADTP	16,4108	17-1	0,25806
17	0	GRADTN	-16,4173	17-1	0
17	0,25806	GRADTN	-16,4108	17-1	0,25806
17	0	LM71C	-303,3862	17-1	0
17	0,25806	LM71C	-306,0391	17-1	0,25806
17	0	LM71SX	-305,176	17-1	0
17	0,25806	LM71SX	-305,3654	17-1	0,25806
17	0	LM71DX	-297,7559	17-1	0
17	0,25806	LM71DX	-302,8739	17-1	0,25806
17	0	STLM71	44,0502	17-1	0
17	0,25806	STLM71	29,7133	17-1	0,25806
17	0	AVVLM71	33,6151	17-1	0
17	0,25806	AVVLM71	11,2422	17-1	0,25806
17	0	SW2	-302,9137	17-1	0
17	0,25806	SW2	-305,5988	17-1	0,25806
17	0	STSW2	75,0608	17-1	0
17	0,25806	STSW2	50,6309	17-1	0,25806
17	0	INCRTER	334,7151	17-1	0
17	0,25806	INCRTER	225,7761	17-1	0,25806
17	0	LM71SISO	10,9558	17-1	0
17	0,25806	LM71SISO	3,664	17-1	0,25806
17	0	SW2SISO	9,5723	17-1	0
17	0,25806	SW2SISO	3,2013	17-1	0,25806
17	0	SISMAO	83,9831	17-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
17	0,25806	SISMAO	28,0834	17-1	0,25806
17	0	LM71SVA	10,759	17-1	0
17	0,25806	LM71SVA	10,8544	17-1	0,25806
17	0	SW2SVA	9,3871	17-1	0
17	0,25806	SW2SVA	9,4703	17-1	0,25806
17	0	SISMAVA	107,4297	17-1	0
17	0,25806	SISMAVA	108,4501	17-1	0,25806
17	0	LM71SVB	-10,759	17-1	0
17	0,25806	LM71SVB	-10,8544	17-1	0,25806
17	0	SW2SVB	-9,3871	17-1	0
17	0,25806	SW2SVB	-9,4703	17-1	0,25806
17	0	SISMAVB	-107,4297	17-1	0
17	0,25806	SISMAVB	-108,4501	17-1	0,25806
18	0	PP	-475,5543	18-1	0
18	0,25806	PP	-475,5543	18-1	0,25806
18	0	REINTSUP	-118,8885	18-1	0
18	0,25806	REINTSUP	-118,8885	18-1	0,25806
18	0	BALLAST	-104,9016	18-1	0
18	0,25806	BALLAST	-104,9016	18-1	0,25806
18	0	STERRASX	183,7944	18-1	0
18	0,25806	STERRASX	113,9324	18-1	0,25806
18	0	STERRADX	113,9324	18-1	0
18	0,25806	STERRADX	183,7944	18-1	0,25806
18	0	TERMP	-8,8268	18-1	0
18	0,25806	TERMP	-8,8268	18-1	0,25806
18	0	TERMN	26,4805	18-1	0
18	0,25806	TERMN	26,4805	18-1	0,25806
18	0	GRADTP	16,4108	18-1	0
18	0,25806	GRADTP	16,4108	18-1	0,25806
18	0	GRADTN	-16,4108	18-1	0
18	0,25806	GRADTN	-16,4108	18-1	0,25806
18	0	LM71C	-306,0391	18-1	0
18	0,25806	LM71C	-306,0391	18-1	0,25806
18	0	LM71SX	-305,3654	18-1	0
18	0,25806	LM71SX	-302,8739	18-1	0,25806
18	0	LM71DX	-302,8739	18-1	0
18	0,25806	LM71DX	-305,3654	18-1	0,25806
18	0	STLM71	29,7133	18-1	0
18	0,25806	STLM71	15,3224	18-1	0,25806
18	0	AVVLM71	11,2422	18-1	0
18	0,25806	AVVLM71	-11,2422	18-1	0,25806
18	0	SW2	-305,5988	18-1	0
18	0,25806	SW2	-305,5988	18-1	0,25806
18	0	STSW2	50,6309	18-1	0
18	0,25806	STSW2	26,1091	18-1	0,25806
18	0	INCRTER	225,7761	18-1	0
18	0,25806	INCRTER	116,4272	18-1	0,25806
18	0	LM71SISO	3,664	18-1	0
18	0,25806	LM71SISO	-3,664	18-1	0,25806
18	0	SW2SISO	3,2013	18-1	0
18	0,25806	SW2SISO	-3,2013	18-1	0,25806
18	0	SISMAO	28,0834	18-1	0
18	0,25806	SISMAO	-28,0834	18-1	0,25806
18	0	LM71SVA	10,8544	18-1	0
18	0,25806	LM71SVA	10,8544	18-1	0,25806
18	0	SW2SVA	9,4703	18-1	0
18	0,25806	SW2SVA	9,4703	18-1	0,25806
18	0	SISMAVA	108,4501	18-1	0
18	0,25806	SISMAVA	108,4501	18-1	0,25806
18	0	LM71SVB	-10,8544	18-1	0
18	0,25806	LM71SVB	-10,8544	18-1	0,25806
18	0	SW2SVB	-9,4703	18-1	0
18	0,25806	SW2SVB	-9,4703	18-1	0,25806
18	0	SISMAVB	-108,4501	18-1	0
18	0,25806	SISMAVB	-108,4501	18-1	0,25806
19	0	PP	-475,5543	19-1	0
19	0,25806	PP	-470,9413	19-1	0,25806
19	0	REINTSUP	-118,8885	19-1	0
19	0,25806	REINTSUP	-117,8439	19-1	0,25806
19	0	BALLAST	-104,9016	19-1	0
19	0,25806	BALLAST	-103,9799	19-1	0,25806
19	0	STERRASX	113,9324	19-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
19	0,25806	STERRASX	44,4235	19-1	0,25806
19	0	STERRADX	183,7944	19-1	0
19	0,25806	STERRADX	253,4214	19-1	0,25806
19	0	TERMP	-8,8268	19-1	0
19	0,25806	TERMP	-8,8304	19-1	0,25806
19	0	TERMN	26,4805	19-1	0
19	0,25806	TERMN	26,4911	19-1	0,25806
19	0	GRADTP	16,4108	19-1	0
19	0,25806	GRADTP	16,4173	19-1	0,25806
19	0	GRADTN	-16,4108	19-1	0
19	0,25806	GRADTN	-16,4173	19-1	0,25806
19	0	LM71C	-306,0391	19-1	0
19	0,25806	LM71C	-303,3862	19-1	0,25806
19	0	LM71SX	-302,8739	19-1	0
19	0,25806	LM71SX	-297,7559	19-1	0,25806
19	0	LM71DX	-305,3654	19-1	0
19	0,25806	LM71DX	-305,176	19-1	0,25806
19	0	STLM71	15,3224	19-1	0
19	0,25806	STLM71	1,0033	19-1	0,25806
19	0	AVVLM71	-11,2422	19-1	0
19	0,25806	AVVLM71	-33,6151	19-1	0,25806
19	0	SW2	-305,5988	19-1	0
19	0,25806	SW2	-302,9137	19-1	0,25806
19	0	STSW2	26,1091	19-1	0
19	0,25806	STSW2	1,7097	19-1	0,25806
19	0	INCRTER	116,4272	19-1	0
19	0,25806	INCRTER	7,6239	19-1	0,25806
19	0	LM71SISO	-3,664	19-1	0
19	0,25806	LM71SISO	-10,9558	19-1	0,25806
19	0	SW2SISO	-3,2013	19-1	0
19	0,25806	SW2SISO	-9,5723	19-1	0,25806
19	0	SISMAO	-28,0834	19-1	0
19	0,25806	SISMAO	-83,9831	19-1	0,25806
19	0	LM71SVA	10,8544	19-1	0
19	0,25806	LM71SVA	10,759	19-1	0,25806
19	0	SW2SVA	9,4703	19-1	0
19	0,25806	SW2SVA	9,3871	19-1	0,25806
19	0	SISMAVA	108,4501	19-1	0
19	0,25806	SISMAVA	107,4297	19-1	0,25806
19	0	LM71SVB	-10,8544	19-1	0
19	0,25806	LM71SVB	-10,759	19-1	0,25806
19	0	SW2SVB	-9,4703	19-1	0
19	0,25806	SW2SVB	-9,3871	19-1	0,25806
19	0	SISMAVB	-108,4501	19-1	0
19	0,25806	SISMAVB	-107,4297	19-1	0,25806
20	0	PP	-470,9413	20-1	0
20	0,25806	PP	-461,7114	20-1	0,25806
20	0	REINTSUP	-117,8439	20-1	0
20	0,25806	REINTSUP	-115,7538	20-1	0,25806
20	0	BALLAST	-103,9799	20-1	0
20	0,25806	BALLAST	-102,1357	20-1	0,25806
20	0	STERRASX	44,4235	20-1	0
20	0,25806	STERRASX	-24,1448	20-1	0,25806
20	0	STERRADX	253,4214	20-1	0
20	0,25806	STERRADX	322,2237	20-1	0,25806
20	0	TERMP	-8,8304	20-1	0
20	0,25806	TERMP	-8,8373	20-1	0,25806
20	0	TERMN	26,4911	20-1	0
20	0,25806	TERMN	26,5119	20-1	0,25806
20	0	GRADTP	16,4173	20-1	0
20	0,25806	GRADTP	16,4302	20-1	0,25806
20	0	GRADTN	-16,4173	20-1	0
20	0,25806	GRADTN	-16,4302	20-1	0,25806
20	0	LM71C	-303,3862	20-1	0
20	0,25806	LM71C	-298,0777	20-1	0,25806
20	0	LM71SX	-297,7559	20-1	0
20	0,25806	LM71SX	-290,063	20-1	0,25806
20	0	LM71DX	-305,176	20-1	0
20	0,25806	LM71DX	-302,2489	20-1	0,25806
20	0	STLM71	1,0033	20-1	0
20	0,25806	STLM71	-13,1183	20-1	0,25806
20	0	AVVLM71	-33,6151	20-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
20	0,25806	AVVLM71	-55,6536	20-1	0,25806
20	0	SW2	-302,9137	20-1	0
20	0,25806	SW2	-297,5411	20-1	0,25806
20	0	STSW2	1,7097	20-1	0
20	0,25806	STSW2	-22,3533	20-1	0,25806
20	0	INCRTER	7,6239	20-1	0
20	0,25806	INCRTER	-99,679	20-1	0,25806
20	0	LM71SISO	-10,9558	20-1	0
20	0,25806	LM71SISO	-18,1385	20-1	0,25806
20	0	SW2SISO	-9,5723	20-1	0
20	0,25806	SW2SISO	-15,848	20-1	0,25806
20	0	SISMAO	-83,9831	20-1	0
20	0,25806	SISMAO	-139,0814	20-1	0,25806
20	0	LM71SVA	10,759	20-1	0
20	0,25806	LM71SVA	10,5682	20-1	0,25806
20	0	SW2SVA	9,3871	20-1	0
20	0,25806	SW2SVA	9,2206	20-1	0,25806
20	0	SISMAVA	107,4297	20-1	0
20	0,25806	SISMAVA	105,388	20-1	0,25806
20	0	LM71SVB	-10,759	20-1	0
20	0,25806	LM71SVB	-10,5682	20-1	0,25806
20	0	SW2SVB	-9,3871	20-1	0
20	0,25806	SW2SVB	-9,2206	20-1	0,25806
20	0	SISMAVB	-107,4297	20-1	0
20	0,25806	SISMAVB	-105,388	20-1	0,25806
21	0	PP	-461,7114	21-1	0
21	0,25806	PP	-447,8569	21-1	0,25806
21	0	REINTSUP	-115,7538	21-1	0
21	0,25806	REINTSUP	-112,6161	21-1	0,25806
21	0	BALLAST	-102,1357	21-1	0
21	0,25806	BALLAST	-99,3672	21-1	0,25806
21	0	STERRASX	-24,1448	21-1	0
21	0,25806	STERRASX	-91,1857	21-1	0,25806
21	0	STERRADX	322,2237	21-1	0
21	0,25806	STERRADX	389,6094	21-1	0,25806
21	0	TERMP	-8,8373	21-1	0
21	0,25806	TERMP	-8,8475	21-1	0,25806
21	0	TERMN	26,5119	21-1	0
21	0,25806	TERMN	26,5425	21-1	0,25806
21	0	GRADTP	16,4302	21-1	0
21	0,25806	GRADTP	16,4492	21-1	0,25806
21	0	GRADTN	-16,4302	21-1	0
21	0,25806	GRADTN	-16,4492	21-1	0,25806
21	0	LM71C	-298,0777	21-1	0
21	0,25806	LM71C	-290,1088	21-1	0,25806
21	0	LM71SX	-290,063	21-1	0
21	0,25806	LM71SX	-279,8448	21-1	0,25806
21	0	LM71DX	-302,2489	21-1	0
21	0,25806	LM71DX	-296,5248	21-1	0,25806
21	0	STLM71	-13,1183	21-1	0
21	0,25806	STLM71	-26,9168	21-1	0,25806
21	0	AVVLM71	-55,6536	21-1	0
21	0,25806	AVVLM71	-77,1345	21-1	0,25806
21	0	SW2	-297,5411	21-1	0
21	0,25806	SW2	-289,4759	21-1	0,25806
21	0	STSW2	-22,3533	21-1	0
21	0,25806	STSW2	-45,8657	21-1	0,25806
21	0	INCRTER	-99,679	21-1	0
21	0,25806	INCRTER	-204,5269	21-1	0,25806
21	0	LM71SISO	-18,1385	21-1	0
21	0,25806	LM71SISO	-25,1395	21-1	0,25806
21	0	SW2SISO	-15,848	21-1	0
21	0,25806	SW2SISO	-21,9649	21-1	0,25806
21	0	SISMAO	-139,0814	21-1	0
21	0,25806	SISMAO	-192,8434	21-1	0,25806
21	0	LM71SVA	10,5682	21-1	0
21	0,25806	LM71SVA	10,2817	21-1	0,25806
21	0	SW2SVA	9,2206	21-1	0
21	0,25806	SW2SVA	8,9706	21-1	0,25806
21	0	SISMAVA	105,388	21-1	0
21	0,25806	SISMAVA	102,3233	21-1	0,25806
21	0	LM71SVB	-10,5682	21-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
21	0,25806	LM71SVB	-10,2817	21-1	0,25806
21	0	SW2SVB	-9,2206	21-1	0
21	0,25806	SW2SVB	-8,9706	21-1	0,25806
21	0	SISMAVB	-105,388	21-1	0
21	0,25806	SISMAVB	-102,3233	21-1	0,25806
22	0	PP	-447,8569	22-1	0
22	0,25806	PP	-429,366	22-1	0,25806
22	0	REINTSUP	-112,6161	22-1	0
22	0,25806	REINTSUP	-108,4281	22-1	0,25806
22	0	BALLAST	-99,3672	22-1	0
22	0,25806	BALLAST	-95,6719	22-1	0,25806
22	0	STERRASX	-91,1857	22-1	0
22	0,25806	STERRASX	-156,1119	22-1	0,25806
22	0	STERRADX	389,6094	22-1	0
22	0,25806	STERRADX	454,9843	22-1	0,25806
22	0	TERMP	-8,8475	22-1	0
22	0,25806	TERMP	-8,8608	22-1	0,25806
22	0	TERMN	26,5425	22-1	0
22	0,25806	TERMN	26,5824	22-1	0,25806
22	0	GRADTP	16,4492	22-1	0
22	0,25806	GRADTP	16,474	22-1	0,25806
22	0	GRADTN	-16,4492	22-1	0
22	0,25806	GRADTN	-16,474	22-1	0,25806
22	0	LM71C	-290,1088	22-1	0
22	0,25806	LM71C	-279,4719	22-1	0,25806
22	0	LM71SX	-279,8448	22-1	0
22	0,25806	LM71SX	-267,1481	22-1	0,25806
22	0	LM71DX	-296,5248	22-1	0
22	0,25806	LM71DX	-287,942	22-1	0,25806
22	0	STLM71	-26,9168	22-1	0
22	0,25806	STLM71	-40,2664	22-1	0,25806
22	0	AVVLM71	-77,1345	22-1	0
22	0,25806	AVVLM71	-97,834	22-1	0,25806
22	0	SW2	-289,4759	22-1	0
22	0,25806	SW2	-278,7107	22-1	0,25806
22	0	STSW2	-45,8657	22-1	0
22	0,25806	STSW2	-68,6133	22-1	0,25806
22	0	INCRTER	-204,5269	22-1	0
22	0,25806	INCRTER	-305,9643	22-1	0,25806
22	0	LM71SISO	-25,1395	22-1	0
22	0,25806	LM71SISO	-31,8858	22-1	0,25806
22	0	SW2SISO	-21,9649	22-1	0
22	0,25806	SW2SISO	-27,8593	22-1	0,25806
22	0	SISMAO	-192,8434	22-1	0
22	0,25806	SISMAO	-244,7327	22-1	0,25806
22	0	LM71SVA	10,2817	22-1	0
22	0,25806	LM71SVA	9,8994	22-1	0,25806
22	0	SW2SVA	8,9706	22-1	0
22	0,25806	SW2SVA	8,637	22-1	0,25806
22	0	SISMAVA	102,3233	22-1	0
22	0,25806	SISMAVA	98,2328	22-1	0,25806
22	0	LM71SVB	-10,2817	22-1	0
22	0,25806	LM71SVB	-9,8994	22-1	0,25806
22	0	SW2SVB	-8,9706	22-1	0
22	0,25806	SW2SVB	-8,637	22-1	0,25806
22	0	SISMAVB	-102,3233	22-1	0
22	0,25806	SISMAVB	-98,2328	22-1	0,25806
23	0	PP	-429,366	23-1	0
23	0,25806	PP	-406,2235	23-1	0,25806
23	0	REINTSUP	-108,4281	23-1	0
23	0,25806	REINTSUP	-103,1858	23-1	0,25806
23	0	BALLAST	-95,6719	23-1	0
23	0,25806	BALLAST	-91,0463	23-1	0,25806
23	0	STERRASX	-156,1119	23-1	0
23	0,25806	STERRASX	-218,3353	23-1	0,25806
23	0	STERRADX	454,9843	23-1	0
23	0,25806	STERRADX	517,7509	23-1	0,25806
23	0	TERMP	-8,8608	23-1	0
23	0,25806	TERMP	-8,8769	23-1	0,25806
23	0	TERMN	26,5824	23-1	0
23	0,25806	TERMN	26,6308	23-1	0,25806
23	0	GRADTP	16,474	23-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
23	0,25806	GRADTP	16,5039	23-1	0,25806
23	0	GRADTN	-16,474	23-1	0
23	0,25806	GRADTN	-16,5039	23-1	0,25806
23	0	LM71C	-279,4719	23-1	0
23	0,25806	LM71C	-266,1572	23-1	0,25806
23	0	LM71SX	-267,1481	23-1	0
23	0,25806	LM71SX	-252,0176	23-1	0,25806
23	0	LM71DX	-287,942	23-1	0
23	0,25806	LM71DX	-276,4361	23-1	0,25806
23	0	STLM71	-40,2664	23-1	0
23	0,25806	STLM71	-53,0413	23-1	0,25806
23	0	AVVLM71	-97,834	23-1	0
23	0,25806	AVVLM71	-117,5278	23-1	0,25806
23	0	SW2	-278,7107	23-1	0
23	0,25806	SW2	-265,2356	23-1	0,25806
23	0	STSW2	-68,6133	23-1	0
23	0,25806	STSW2	-90,3815	23-1	0,25806
23	0	INCRTER	-305,9643	23-1	0
23	0,25806	INCRTER	-403,034	23-1	0,25806
23	0	LM71SISO	-31,8858	23-1	0
23	0,25806	LM71SISO	-38,3044	23-1	0,25806
23	0	SW2SISO	-27,8593	23-1	0
23	0,25806	SW2SISO	-33,4673	23-1	0,25806
23	0	SISMAO	-244,7327	23-1	0
23	0,25806	SISMAO	-294,2118	23-1	0,25806
23	0	LM71SVA	9,8994	23-1	0
23	0,25806	LM71SVA	9,4208	23-1	0,25806
23	0	SW2SVA	8,637	23-1	0
23	0,25806	SW2SVA	8,2195	23-1	0,25806
23	0	SISMAVA	98,2328	23-1	0
23	0,25806	SISMAVA	93,1131	23-1	0,25806
23	0	LM71SVB	-9,8994	23-1	0
23	0,25806	LM71SVB	-9,4208	23-1	0,25806
23	0	SW2SVB	-8,637	23-1	0
23	0,25806	SW2SVB	-8,2195	23-1	0,25806
23	0	SISMAVB	-98,2328	23-1	0
23	0,25806	SISMAVB	-93,1131	23-1	0,25806
24	0	PP	-406,2235	24-1	0
24	0,25806	PP	-378,4106	24-1	0,25806
24	0	REINTSUP	-103,1858	24-1	0
24	0,25806	REINTSUP	-96,8846	24-1	0,25806
24	0	BALLAST	-91,0463	24-1	0
24	0,25806	BALLAST	-85,4864	24-1	0,25806
24	0	STERRASX	-218,3353	24-1	0
24	0,25806	STERRASX	-277,2666	24-1	0,25806
24	0	STERRADX	517,7509	24-1	0
24	0,25806	STERRADX	577,3078	24-1	0,25806
24	0	TERMP	-8,8769	24-1	0
24	0,25806	TERMP	-8,8955	24-1	0,25806
24	0	TERMN	26,6308	24-1	0
24	0,25806	TERMN	26,6864	24-1	0,25806
24	0	GRADTP	16,5039	24-1	0
24	0,25806	GRADTP	16,5384	24-1	0,25806
24	0	GRADTN	-16,5039	24-1	0
24	0,25806	GRADTN	-16,5384	24-1	0,25806
24	0	LM71C	-266,1572	24-1	0
24	0,25806	LM71C	-250,1526	24-1	0,25806
24	0	LM71SX	-252,0176	24-1	0
24	0,25806	LM71SX	-234,4958	24-1	0,25806
24	0	LM71DX	-276,4361	24-1	0
24	0,25806	LM71DX	-261,9405	24-1	0,25806
24	0	STLM71	-53,0413	24-1	0
24	0,25806	STLM71	-65,1151	24-1	0,25806
24	0	AVVLM71	-117,5278	24-1	0
24	0,25806	AVVLM71	-135,9907	24-1	0,25806
24	0	SW2	-265,2356	24-1	0
24	0,25806	SW2	-249,0386	24-1	0,25806
24	0	STSW2	-90,3815	24-1	0
24	0,25806	STSW2	-110,9549	24-1	0,25806
24	0	INCRTER	-403,034	24-1	0
24	0,25806	INCRTER	-494,7763	24-1	0,25806
24	0	LM71SISO	-38,3044	24-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
24	0,25806	LM71SISO	-44,3218	24-1	0,25806
24	0	SW2SISO	-33,4673	24-1	0
24	0,25806	SW2SISO	-38,7248	24-1	0,25806
24	0	SISMAO	-294,2118	24-1	0
24	0,25806	SISMAO	-340,7407	24-1	0,25806
24	0	LM71SVA	9,4208	24-1	0
24	0,25806	LM71SVA	8,8455	24-1	0,25806
24	0	SW2SVA	8,2195	24-1	0
24	0,25806	SW2SVA	7,7175	24-1	0,25806
24	0	SISMAVA	93,1131	24-1	0
24	0,25806	SISMAVA	86,9599	24-1	0,25806
24	0	LM71SVB	-9,4208	24-1	0
24	0,25806	LM71SVB	-8,8455	24-1	0,25806
24	0	SW2SVB	-8,2195	24-1	0
24	0,25806	SW2SVB	-7,7175	24-1	0,25806
24	0	SISMAVB	-93,1131	24-1	0
24	0,25806	SISMAVB	-86,9599	24-1	0,25806
25	0	PP	-378,4106	25-1	0
25	0,25806	PP	-345,9049	25-1	0,25806
25	0	REINTSUP	-96,8846	25-1	0
25	0,25806	REINTSUP	-89,5189	25-1	0,25806
25	0	BALLAST	-85,4864	25-1	0
25	0,25806	BALLAST	-78,9872	25-1	0,25806
25	0	STERRASX	-277,2666	25-1	0
25	0,25806	STERRASX	-332,3146	25-1	0,25806
25	0	STERRADX	577,3078	25-1	0
25	0,25806	STERRADX	633,0497	25-1	0,25806
25	0	TERMP	-8,8955	25-1	0
25	0,25806	TERMP	-8,916	25-1	0,25806
25	0	TERMN	26,6864	25-1	0
25	0,25806	TERMN	26,7481	25-1	0,25806
25	0	GRADTP	16,5384	25-1	0
25	0,25806	GRADTP	16,5766	25-1	0,25806
25	0	GRADTN	-16,5384	25-1	0
25	0,25806	GRADTN	-16,5766	25-1	0,25806
25	0	LM71C	-250,1526	25-1	0
25	0,25806	LM71C	-231,4436	25-1	0,25806
25	0	LM71SX	-234,4958	25-1	0
25	0,25806	LM71SX	-214,623	25-1	0,25806
25	0	LM71DX	-261,9405	25-1	0
25	0,25806	LM71DX	-244,3864	25-1	0,25806
25	0	STLM71	-65,1151	25-1	0
25	0,25806	STLM71	-76,3609	25-1	0,25806
25	0	AVVLM71	-135,9907	25-1	0
25	0,25806	AVVLM71	-152,9967	25-1	0,25806
25	0	SW2	-249,0386	25-1	0
25	0,25806	SW2	-230,1052	25-1	0,25806
25	0	STSW2	-110,9549	25-1	0
25	0,25806	STSW2	-130,1177	25-1	0,25806
25	0	INCRTER	-494,7763	25-1	0
25	0,25806	INCRTER	-580,2278	25-1	0,25806
25	0	LM71SISO	-44,3218	25-1	0
25	0,25806	LM71SISO	-49,8643	25-1	0,25806
25	0	SW2SISO	-38,7248	25-1	0
25	0,25806	SW2SISO	-43,5675	25-1	0,25806
25	0	SISMAO	-340,7407	25-1	0
25	0,25806	SISMAO	-383,7773	25-1	0,25806
25	0	LM71SVA	8,8455	25-1	0
25	0,25806	LM71SVA	8,173	25-1	0,25806
25	0	SW2SVA	7,7175	25-1	0
25	0,25806	SW2SVA	7,1308	25-1	0,25806
25	0	SISMAVA	86,9599	25-1	0
25	0,25806	SISMAVA	79,7681	25-1	0,25806
25	0	LM71SVB	-8,8455	25-1	0
25	0,25806	LM71SVB	-8,173	25-1	0,25806
25	0	SW2SVB	-7,7175	25-1	0
25	0,25806	SW2SVB	-7,1308	25-1	0,25806
25	0	SISMAVB	-86,9599	25-1	0
25	0,25806	SISMAVB	-79,7681	25-1	0,25806
26	0	PP	-345,9049	26-1	0
26	0,25806	PP	-308,6811	26-1	0,25806
26	0	REINTSUP	-89,5189	26-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
26	0,25806	REINTSUP	-81,0822	26-1	0,25806
26	0	BALLAST	-78,9872	26-1	0
26	0,25806	BALLAST	-71,5431	26-1	0,25806
26	0	STERRASX	-332,3146	26-1	0
26	0,25806	STERRASX	-382,8859	26-1	0,25806
26	0	STERRADX	633,0497	26-1	0
26	0,25806	STERRADX	684,3665	26-1	0,25806
26	0	TERMP	-8,916	26-1	0
26	0,25806	TERMP	-8,9381	26-1	0,25806
26	0	TERMN	26,7481	26-1	0
26	0,25806	TERMN	26,8144	26-1	0,25806
26	0	GRADTP	16,5766	26-1	0
26	0,25806	GRADTP	16,6177	26-1	0,25806
26	0	GRADTN	-16,5766	26-1	0
26	0,25806	GRADTN	-16,6177	26-1	0,25806
26	0	LM71C	-231,4436	26-1	0
26	0,25806	LM71C	-210,014	26-1	0,25806
26	0	LM71SX	-214,623	26-1	0
26	0,25806	LM71SX	-192,4379	26-1	0,25806
26	0	LM71DX	-244,3864	26-1	0
26	0,25806	LM71DX	-223,7026	26-1	0,25806
26	0	STLM71	-76,3609	26-1	0
26	0,25806	STLM71	-86,6516	26-1	0,25806
26	0	AVVLM71	-152,9967	26-1	0
26	0,25806	AVVLM71	-168,3184	26-1	0,25806
26	0	SW2	-230,1052	26-1	0
26	0,25806	SW2	-208,4191	26-1	0,25806
26	0	STSW2	-130,1177	26-1	0
26	0,25806	STSW2	-147,6528	26-1	0,25806
26	0	INCRTER	-580,2278	26-1	0
26	0,25806	INCRTER	-658,4214	26-1	0,25806
26	0	LM71SISO	-49,8643	26-1	0
26	0,25806	LM71SISO	-54,858	26-1	0,25806
26	0	SW2SISO	-43,5675	26-1	0
26	0,25806	SW2SISO	-47,9305	26-1	0,25806
26	0	SISMAO	-383,7773	26-1	0
26	0,25806	SISMAO	-422,7766	26-1	0,25806
26	0	LM71SVA	8,173	26-1	0
26	0,25806	LM71SVA	7,4027	26-1	0,25806
26	0	SW2SVA	7,1308	26-1	0
26	0,25806	SW2SVA	6,4588	26-1	0,25806
26	0	SISMAVA	79,7681	26-1	0
26	0,25806	SISMAVA	71,5319	26-1	0,25806
26	0	LM71SVB	-8,173	26-1	0
26	0,25806	LM71SVB	-7,4027	26-1	0,25806
26	0	SW2SVB	-7,1308	26-1	0
26	0,25806	SW2SVB	-6,4588	26-1	0,25806
26	0	SISMAVB	-79,7681	26-1	0
26	0,25806	SISMAVB	-71,5319	26-1	0,25806
27	0	PP	-308,6811	27-1	0
27	0,25806	PP	-266,7109	27-1	0,25806
27	0	REINTSUP	-81,0822	27-1	0
27	0,25806	REINTSUP	-71,5676	27-1	0,25806
27	0	BALLAST	-71,5431	27-1	0
27	0,25806	BALLAST	-63,1478	27-1	0,25806
27	0	STERRASX	-382,8859	27-1	0
27	0,25806	STERRASX	-428,3842	27-1	0,25806
27	0	STERRADX	684,3665	27-1	0
27	0,25806	STERRADX	730,6427	27-1	0,25806
27	0	TERMP	-8,9381	27-1	0
27	0,25806	TERMP	-8,9612	27-1	0,25806
27	0	TERMN	26,8144	27-1	0
27	0,25806	TERMN	26,8836	27-1	0,25806
27	0	GRADTP	16,6177	27-1	0
27	0,25806	GRADTP	16,6606	27-1	0,25806
27	0	GRADTN	-16,6177	27-1	0
27	0,25806	GRADTN	-16,6606	27-1	0,25806
27	0	LM71C	-210,014	27-1	0
27	0,25806	LM71C	-185,8452	27-1	0,25806
27	0	LM71SX	-192,4379	27-1	0
27	0,25806	LM71SX	-167,9769	27-1	0,25806
27	0	LM71DX	-223,7026	27-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
27	0,25806	LM71DX	-199,8161	27-1	0,25806
27	0	STLM71	-86,6516	27-1	0
27	0,25806	STLM71	-95,8591	27-1	0,25806
27	0	AVVLM71	-168,3184	27-1	0
27	0,25806	AVVLM71	-181,7274	27-1	0,25806
27	0	SW2	-208,4191	27-1	0
27	0,25806	SW2	-183,9619	27-1	0,25806
27	0	STSW2	-147,6528	27-1	0
27	0,25806	STSW2	-163,3423	27-1	0,25806
27	0	INCRTER	-658,4214	27-1	0
27	0,25806	INCRTER	-728,385	27-1	0,25806
27	0	LM71SISO	-54,858	27-1	0
27	0,25806	LM71SISO	-59,2282	27-1	0,25806
27	0	SW2SISO	-47,9305	27-1	0
27	0,25806	SW2SISO	-51,7489	27-1	0,25806
27	0	SISMAO	-422,7766	27-1	0
27	0,25806	SISMAO	-457,1903	27-1	0,25806
27	0	LM71SVA	7,4027	27-1	0
27	0,25806	LM71SVA	6,534	27-1	0,25806
27	0	SW2SVA	6,4588	27-1	0
27	0,25806	SW2SVA	5,7008	27-1	0,25806
27	0	SISMAVA	71,5319	27-1	0
27	0,25806	SISMAVA	62,2448	27-1	0,25806
27	0	LM71SVB	-7,4027	27-1	0
27	0,25806	LM71SVB	-6,534	27-1	0,25806
27	0	SW2SVB	-6,4588	27-1	0
27	0,25806	SW2SVB	-5,7008	27-1	0,25806
27	0	SISMAVB	-71,5319	27-1	0
27	0,25806	SISMAVB	-62,2448	27-1	0,25806
28	0	PP	-266,7109	28-1	0
28	0,25806	PP	-219,9634	28-1	0,25806
28	0	REINTSUP	-71,5676	28-1	0
28	0,25806	REINTSUP	-60,9671	28-1	0,25806
28	0	BALLAST	-63,1478	28-1	0
28	0,25806	BALLAST	-53,7945	28-1	0,25806
28	0	STERRASX	-428,3842	28-1	0
28	0,25806	STERRASX	-468,21	28-1	0,25806
28	0	STERRADX	730,6427	28-1	0
28	0,25806	STERRADX	771,2575	28-1	0,25806
28	0	TERMP	-8,9612	28-1	0
28	0,25806	TERMP	-8,9846	28-1	0,25806
28	0	TERMN	26,8836	28-1	0
28	0,25806	TERMN	26,9538	28-1	0,25806
28	0	GRADTP	16,6606	28-1	0
28	0,25806	GRADTP	16,7041	28-1	0,25806
28	0	GRADTN	-16,6606	28-1	0
28	0,25806	GRADTN	-16,7041	28-1	0,25806
28	0	LM71C	-185,8452	28-1	0
28	0,25806	LM71C	-158,9173	28-1	0,25806
28	0	LM71SX	-167,9769	28-1	0
28	0,25806	LM71SX	-141,2753	28-1	0,25806
28	0	LM71DX	-199,8161	28-1	0
28	0,25806	LM71DX	-172,6517	28-1	0,25806
28	0	STLM71	-95,8591	28-1	0
28	0,25806	STLM71	-103,8549	28-1	0,25806
28	0	AVVLM71	-181,7274	28-1	0
28	0,25806	AVVLM71	-192,9938	28-1	0,25806
28	0	SW2	-183,9619	28-1	0
28	0,25806	SW2	-156,7138	28-1	0,25806
28	0	STSW2	-163,3423	28-1	0
28	0,25806	STSW2	-176,967	28-1	0,25806
28	0	INCRTER	-728,385	28-1	0
28	0,25806	INCRTER	-789,141	28-1	0,25806
28	0	LM71SISO	-59,2282	28-1	0
28	0,25806	LM71SISO	-62,9001	28-1	0,25806
28	0	SW2SISO	-51,7489	28-1	0
28	0,25806	SW2SISO	-54,9571	28-1	0,25806
28	0	SISMAO	-457,1903	28-1	0
28	0,25806	SISMAO	-486,4668	28-1	0,25806
28	0	LM71SVA	6,534	28-1	0
28	0,25806	LM71SVA	5,5662	28-1	0,25806
28	0	SW2SVA	5,7008	28-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
28	0,25806	SW2SVA	4,8564	28-1	0,25806
28	0	SISMAVA	62,2448	28-1	0
28	0,25806	SISMAVA	51,8999	28-1	0,25806
28	0	LM71SVB	-6,534	28-1	0
28	0,25806	LM71SVB	-5,5662	28-1	0,25806
28	0	SW2SVB	-5,7008	28-1	0
28	0,25806	SW2SVB	-4,8564	28-1	0,25806
28	0	SISMAVB	-62,2448	28-1	0
28	0,25806	SISMAVB	-51,8999	28-1	0,25806
29	0	PP	-219,9634	29-1	0
29	0,25806	PP	-168,4056	29-1	0,25806
29	0	REINTSUP	-60,9671	29-1	0
29	0,25806	REINTSUP	-49,2724	29-1	0,25806
29	0	BALLAST	-53,7945	29-1	0
29	0,25806	BALLAST	-43,4756	29-1	0,25806
29	0	STERRASX	-468,21	29-1	0
29	0,25806	STERRASX	-501,7604	29-1	0,25806
29	0	STERRADX	771,2575	29-1	0
29	0,25806	STERRADX	805,5839	29-1	0,25806
29	0	TERMP	-8,9846	29-1	0
29	0,25806	TERMP	-9,0076	29-1	0,25806
29	0	TERMN	26,9538	29-1	0
29	0,25806	TERMN	27,0228	29-1	0,25806
29	0	GRADTP	16,7041	29-1	0
29	0,25806	GRADTP	16,7469	29-1	0,25806
29	0	GRADTN	-16,7041	29-1	0
29	0,25806	GRADTN	-16,7469	29-1	0,25806
29	0	LM71C	-158,9173	29-1	0
29	0,25806	LM71C	-129,2086	29-1	0,25806
29	0	LM71SX	-141,2753	29-1	0
29	0,25806	LM71SX	-112,3667	29-1	0,25806
29	0	LM71DX	-172,6517	29-1	0
29	0,25806	LM71DX	-142,1329	29-1	0,25806
29	0	STLM71	-103,8549	29-1	0
29	0,25806	STLM71	-110,5095	29-1	0,25806
29	0	AVVLM71	-192,9938	29-1	0
29	0,25806	AVVLM71	-201,8861	29-1	0,25806
29	0	SW2	-156,7138	29-1	0
29	0,25806	SW2	-126,653	29-1	0,25806
29	0	STSW2	-176,967	29-1	0
29	0,25806	STSW2	-188,3063	29-1	0,25806
29	0	INCRTER	-789,141	29-1	0
29	0,25806	INCRTER	-839,7057	29-1	0,25806
29	0	LM71SISO	-62,9001	29-1	0
29	0,25806	LM71SISO	-65,7982	29-1	0,25806
29	0	SW2SISO	-54,9571	29-1	0
29	0,25806	SW2SISO	-57,4892	29-1	0,25806
29	0	SISMAO	-486,4668	29-1	0
29	0,25806	SISMAO	-510,0506	29-1	0,25806
29	0	LM71SVA	5,5662	29-1	0
29	0,25806	LM71SVA	4,4985	29-1	0,25806
29	0	SW2SVA	4,8564	29-1	0
29	0,25806	SW2SVA	3,9249	29-1	0,25806
29	0	SISMAVA	51,8999	29-1	0
29	0,25806	SISMAVA	40,4894	29-1	0,25806
29	0	LM71SVB	-5,5662	29-1	0
29	0,25806	LM71SVB	-4,4985	29-1	0,25806
29	0	SW2SVB	-4,8564	29-1	0
29	0,25806	SW2SVB	-3,9249	29-1	0,25806
29	0	SISMAVB	-51,8999	29-1	0
29	0,25806	SISMAVB	-40,4894	29-1	0,25806
30	0	PP	-168,4056	30-1	0
30	0,25806	PP	-112,0024	30-1	0,25806
30	0	REINTSUP	-49,2724	30-1	0
30	0,25806	REINTSUP	-36,4746	30-1	0,25806
30	0	BALLAST	-43,4756	30-1	0
30	0,25806	BALLAST	-32,1835	30-1	0,25806
30	0	STERRASX	-501,7604	30-1	0
30	0,25806	STERRASX	-528,4283	30-1	0,25806
30	0	STERRADX	805,5839	30-1	0
30	0,25806	STERRADX	832,9888	30-1	0,25806
30	0	TERMP	-9,0076	30-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30	0,25806	TERMP	-9,0295	30-1	0,25806
30	0	TERMN	27,0228	30-1	0
30	0,25806	TERMN	27,0884	30-1	0,25806
30	0	GRADTP	16,7469	30-1	0
30	0,25806	GRADTP	16,7875	30-1	0,25806
30	0	GRADTN	-16,7469	30-1	0
30	0,25806	GRADTN	-16,7875	30-1	0,25806
30	0	LM71C	-129,2086	30-1	0
30	0,25806	LM71C	-96,6961	30-1	0,25806
30	0	LM71SX	-112,3667	30-1	0
30	0,25806	LM71SX	-81,2835	30-1	0,25806
30	0	LM71DX	-142,1329	30-1	0
30	0,25806	LM71DX	-108,1815	30-1	0,25806
30	0	STLM71	-110,5095	30-1	0
30	0,25806	STLM71	-115,6925	30-1	0,25806
30	0	AVVLM71	-201,8861	30-1	0
30	0,25806	AVVLM71	-208,1713	30-1	0,25806
30	0	SW2	-126,653	30-1	0
30	0,25806	SW2	-93,7567	30-1	0,25806
30	0	STSW2	-188,3063	30-1	0
30	0,25806	STSW2	-197,1381	30-1	0,25806
30	0	INCRTER	-839,7057	30-1	0
30	0,25806	INCRTER	-879,0889	30-1	0,25806
30	0	LM71SISO	-65,7982	30-1	0
30	0,25806	LM71SISO	-67,8467	30-1	0,25806
30	0	SW2SISO	-57,4892	30-1	0
30	0,25806	SW2SISO	-59,279	30-1	0,25806
30	0	SISMAO	-510,0506	30-1	0
30	0,25806	SISMAO	-527,3822	30-1	0,25806
30	0	LM71SVA	4,4985	30-1	0
30	0,25806	LM71SVA	3,3301	30-1	0,25806
30	0	SW2SVA	3,9249	30-1	0
30	0,25806	SW2SVA	2,9055	30-1	0,25806
30	0	SISMAVA	40,4894	30-1	0
30	0,25806	SISMAVA	28,0054	30-1	0,25806
30	0	LM71SVB	-4,4985	30-1	0
30	0,25806	LM71SVB	-3,3301	30-1	0,25806
30	0	SW2SVB	-3,9249	30-1	0
30	0,25806	SW2SVB	-2,9055	30-1	0,25806
30	0	SISMAVB	-40,4894	30-1	0
30	0,25806	SISMAVB	-28,0054	30-1	0,25806
31	0	PP	-112,0024	31-1	0
31	0,25806	PP	-50,7174	31-1	0,25806
31	0	REINTSUP	-36,4746	31-1	0
31	0,25806	REINTSUP	-22,5643	31-1	0,25806
31	0	BALLAST	-32,1835	31-1	0
31	0,25806	BALLAST	-19,9097	31-1	0,25806
31	0	STERRASX	-528,4283	31-1	0
31	0,25806	STERRASX	-547,6026	31-1	0,25806
31	0	STERRADX	832,9888	31-1	0
31	0,25806	STERRADX	852,8322	31-1	0,25806
31	0	TERMP	-9,0295	31-1	0
31	0,25806	TERMP	-9,0493	31-1	0,25806
31	0	TERMN	27,0884	31-1	0
31	0,25806	TERMN	27,1479	31-1	0,25806
31	0	GRADTP	16,7875	31-1	0
31	0,25806	GRADTP	16,8244	31-1	0,25806
31	0	GRADTN	-16,7875	31-1	0
31	0,25806	GRADTN	-16,8244	31-1	0,25806
31	0	LM71C	-96,6961	31-1	0
31	0,25806	LM71C	-61,3556	31-1	0,25806
31	0	LM71SX	-81,2835	31-1	0
31	0,25806	LM71SX	-48,0574	31-1	0,25806
31	0	LM71DX	-108,1815	31-1	0
31	0,25806	LM71DX	-70,7181	31-1	0,25806
31	0	STLM71	-115,6925	31-1	0
31	0,25806	STLM71	-119,2728	31-1	0,25806
31	0	AVVLM71	-208,1713	31-1	0
31	0,25806	AVVLM71	-211,6146	31-1	0,25806
31	0	SW2	-93,7567	31-1	0
31	0,25806	SW2	-58,0008	31-1	0,25806
31	0	STSW2	-197,1381	31-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31	0,25806	STSW2	-203,2387	31-1	0,25806
31	0	INCRTER	-879,0889	31-1	0
31	0,25806	INCRTER	-906,2933	31-1	0,25806
31	0	LM71SISO	-67,8467	31-1	0
31	0,25806	LM71SISO	-68,969	31-1	0,25806
31	0	SW2SISO	-59,279	31-1	0
31	0,25806	SW2SISO	-60,2596	31-1	0,25806
31	0	SISMAO	-527,3822	31-1	0
31	0,25806	SISMAO	-537,8978	31-1	0,25806
31	0	LM71SVA	3,3301	31-1	0
31	0,25806	LM71SVA	2,0601	31-1	0,25806
31	0	SW2SVA	2,9055	31-1	0
31	0,25806	SW2SVA	1,7974	31-1	0,25806
31	0	SISMAVA	28,0054	31-1	0
31	0,25806	SISMAVA	14,4394	31-1	0,25806
31	0	LM71SVB	-3,3301	31-1	0
31	0,25806	LM71SVB	-2,0601	31-1	0,25806
31	0	SW2SVB	-2,9055	31-1	0
31	0,25806	SW2SVB	-1,7974	31-1	0,25806
31	0	SISMAVB	-28,0054	31-1	0
31	0,25806	SISMAVB	-14,4394	31-1	0,25806
32	0	PP	-50,7174	32-1	0
32	0,25806	PP	15,4871	32-1	0,25806
32	0	REINTSUP	-22,5643	32-1	0
32	0,25806	REINTSUP	-7,5319	32-1	0,25806
32	0	BALLAST	-19,9097	32-1	0
32	0,25806	BALLAST	-6,6458	32-1	0,25806
32	0	STERRASX	-547,6026	32-1	0
32	0,25806	STERRASX	-558,6677	32-1	0,25806
32	0	STERRADX	852,8322	32-1	0
32	0,25806	STERRADX	864,4675	32-1	0,25806
32	0	TERMP	-9,0493	32-1	0
32	0,25806	TERMP	-9,0662	32-1	0,25806
32	0	TERMN	27,1479	32-1	0
32	0,25806	TERMN	27,1986	32-1	0,25806
32	0	GRADTP	16,8244	32-1	0
32	0,25806	GRADTP	16,8558	32-1	0,25806
32	0	GRADTN	-16,8244	32-1	0
32	0,25806	GRADTN	-16,8558	32-1	0,25806
32	0	LM71C	-61,3556	32-1	0
32	0,25806	LM71C	-23,1623	32-1	0,25806
32	0	LM71SX	-48,0574	32-1	0
32	0,25806	LM71SX	-12,7191	32-1	0,25806
32	0	LM71DX	-70,7181	32-1	0
32	0,25806	LM71DX	-29,6624	32-1	0,25806
32	0	STLM71	-119,2728	32-1	0
32	0,25806	STLM71	-121,118	32-1	0,25806
32	0	AVVLM71	-211,6146	32-1	0
32	0,25806	AVVLM71	-211,9798	32-1	0,25806
32	0	SW2	-58,0008	32-1	0
32	0,25806	SW2	-19,3605	32-1	0,25806
32	0	STSW2	-203,2387	32-1	0
32	0,25806	STSW2	-206,383	32-1	0,25806
32	0	INCRTER	-906,2933	32-1	0
32	0,25806	INCRTER	-920,3144	32-1	0,25806
32	0	LM71SISO	-68,969	32-1	0
32	0,25806	LM71SISO	-69,088	32-1	0,25806
32	0	SW2SISO	-60,2596	32-1	0
32	0,25806	SW2SISO	-60,3635	32-1	0,25806
32	0	SISMAO	-537,8978	32-1	0
32	0,25806	SISMAO	-541,0292	32-1	0,25806
32	0	LM71SVA	2,0601	32-1	0
32	0,25806	LM71SVA	0,6877	32-1	0,25806
32	0	SW2SVA	1,7974	32-1	0
32	0,25806	SW2SVA	0,6	32-1	0,25806
32	0	SISMAVA	14,4394	32-1	0
32	0,25806	SISMAVA	-0,2171	32-1	0,25806
32	0	LM71SVB	-2,0601	32-1	0
32	0,25806	LM71SVB	-0,6877	32-1	0,25806
32	0	SW2SVB	-1,7974	32-1	0
32	0,25806	SW2SVB	-0,6	32-1	0,25806
32	0	SISMAVB	-14,4394	32-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
32	0,25806	SISMAVB	0,2171	32-1	0,25806
33	0	PP	15,4871	33-1	0
33	0,25806	PP	86,649	33-1	0,25806
33	0	REINTSUP	-7,5319	33-1	0
33	0,25806	REINTSUP	8,6325	33-1	0,25806
33	0	BALLAST	-6,6458	33-1	0
33	0,25806	BALLAST	7,6169	33-1	0,25806
33	0	STERRASX	-558,6677	33-1	0
33	0,25806	STERRASX	-561,0036	33-1	0,25806
33	0	STERRADX	864,4675	33-1	0
33	0,25806	STERRADX	867,2409	33-1	0,25806
33	0	TERMP	-9,0662	33-1	0
33	0,25806	TERMP	-9,0792	33-1	0,25806
33	0	TERMN	27,1986	33-1	0
33	0,25806	TERMN	27,2375	33-1	0,25806
33	0	GRADTP	16,8558	33-1	0
33	0,25806	GRADTP	16,8799	33-1	0,25806
33	0	GRADTN	-16,8558	33-1	0
33	0,25806	GRADTN	-16,8799	33-1	0,25806
33	0	LM71C	-23,1623	33-1	0
33	0,25806	LM71C	17,9094	33-1	0,25806
33	0	LM71SX	-12,7191	33-1	0
33	0,25806	LM71SX	24,7009	33-1	0,25806
33	0	LM71DX	-29,6624	33-1	0
33	0,25806	LM71DX	15,0666	33-1	0,25806
33	0	STLM71	-121,118	33-1	0
33	0,25806	STLM71	-121,0951	33-1	0,25806
33	0	AVVLM71	-211,9798	33-1	0
33	0,25806	AVVLM71	-209,0285	33-1	0,25806
33	0	SW2	-19,3605	33-1	0
33	0,25806	SW2	22,1894	33-1	0,25806
33	0	STSW2	-206,383	33-1	0
33	0,25806	STSW2	-206,3439	33-1	0,25806
33	0	INCRTER	-920,3144	33-1	0
33	0,25806	INCRTER	-920,1401	33-1	0,25806
33	0	LM71SISO	-69,088	33-1	0
33	0,25806	LM71SISO	-68,1261	33-1	0,25806
33	0	SW2SISO	-60,3635	33-1	0
33	0,25806	SW2SISO	-59,5231	33-1	0,25806
33	0	SISMAO	-541,0292	33-1	0
33	0,25806	SISMAO	-536,2038	33-1	0,25806
33	0	LM71SVA	0,6877	33-1	0
33	0,25806	LM71SVA	-0,7881	33-1	0,25806
33	0	SW2SVA	0,6	33-1	0
33	0,25806	SW2SVA	-0,6876	33-1	0,25806
33	0	SISMAVA	-0,2171	33-1	0
33	0,25806	SISMAVA	-15,9729	33-1	0,25806
33	0	LM71SVB	-0,6877	33-1	0
33	0,25806	LM71SVB	0,7881	33-1	0,25806
33	0	SW2SVB	-0,6	33-1	0
33	0,25806	SW2SVB	0,6876	33-1	0,25806
33	0	SISMAVB	0,2171	33-1	0
33	0,25806	SISMAVB	15,9729	33-1	0,25806
34	0	PP	86,649	34-1	0
34	0,225	PP	152,7696	34-1	0,225
34	0	REINTSUP	8,6325	34-1	0
34	0,225	REINTSUP	23,6576	34-1	0,225
34	0	BALLAST	7,6169	34-1	0
34	0,225	BALLAST	20,8744	34-1	0,225
34	0	STERRASX	-561,0036	34-1	0
34	0,225	STERRASX	-555,407	34-1	0,225
34	0	STERRADX	867,2409	34-1	0
34	0,225	STERRADX	861,8881	34-1	0,225
34	0	TERMP	-9,0792	34-1	0
34	0,225	TERMP	-9,0864	34-1	0,225
34	0	TERMN	27,2375	34-1	0
34	0,225	TERMN	27,2592	34-1	0,225
34	0	GRADTP	16,8799	34-1	0
34	0,225	GRADTP	16,8934	34-1	0,225
34	0	GRADTN	-16,8799	34-1	0
34	0,225	GRADTN	-16,8934	34-1	0,225
34	0	LM71C	17,9094	34-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
34	0,225	LM71C	56,0886	34-1	0,225
34	0	LM71SX	24,7009	34-1	0
34	0,225	LM71SX	59,0005	34-1	0,225
34	0	LM71DX	15,0666	34-1	0
34	0,225	LM71DX	57,1286	34-1	0,225
34	0	STLM71	-121,0951	34-1	0
34	0,225	STLM71	-119,441	34-1	0,225
34	0	AVVLM71	-209,0285	34-1	0
34	0,225	AVVLM71	-203,5531	34-1	0,225
34	0	SW2	22,1894	34-1	0
34	0,225	SW2	60,8111	34-1	0,225
34	0	STSW2	-206,3439	34-1	0
34	0,225	STSW2	-203,5255	34-1	0,225
34	0	INCRTER	-920,1401	34-1	0
34	0,225	INCRTER	-907,5719	34-1	0,225
34	0	LM71SISO	-68,1261	34-1	0
34	0,225	LM71SISO	-66,3416	34-1	0,225
34	0	SW2SISO	-59,5231	34-1	0
34	0,225	SW2SISO	-57,964	34-1	0,225
34	0	SISMAO	-536,2038	34-1	0
34	0,225	SISMAO	-525,0327	34-1	0,225
34	0	LM71SVA	-0,7881	34-1	0
34	0,225	LM71SVA	-2,1599	34-1	0,225
34	0	SW2SVA	-0,6876	34-1	0
34	0,225	SW2SVA	-1,8845	34-1	0,225
34	0	SISMAVA	-15,9729	34-1	0
34	0,225	SISMAVA	-30,6143	34-1	0,225
34	0	LM71SVB	0,7881	34-1	0
34	0,225	LM71SVB	2,1599	34-1	0,225
34	0	SW2SVB	0,6876	34-1	0
34	0,225	SW2SVB	1,8845	34-1	0,225
34	0	SISMAVB	15,9729	34-1	0
34	0,225	SISMAVB	30,6143	34-1	0,225
35	0	PP	152,7696	35-1	0
35	0,225	PP	222,7126	35-1	0,225
35	0	REINTSUP	23,6576	35-1	0
35	0,225	REINTSUP	39,5575	35-1	0,225
35	0	BALLAST	20,8744	35-1	0
35	0,225	BALLAST	34,9036	35-1	0,225
35	0	STERRASX	-555,407	35-1	0
35	0,225	STERRASX	-542,2827	35-1	0,225
35	0	STERRADX	861,8881	35-1	0
35	0,225	STERRADX	848,854	35-1	0,225
35	0	TERMP	-9,0864	35-1	0
35	0,225	TERMP	-9,0891	35-1	0,225
35	0	TERMN	27,2592	35-1	0
35	0,225	TERMN	27,2672	35-1	0,225
35	0	GRADTP	16,8934	35-1	0
35	0,225	GRADTP	16,8983	35-1	0,225
35	0	GRADTN	-16,8934	35-1	0
35	0,225	GRADTN	-16,8983	35-1	0,225
35	0	LM71C	56,0886	35-1	0
35	0,225	LM71C	96,4926	35-1	0,225
35	0	LM71SX	59,0005	35-1	0
35	0,225	LM71SX	94,8396	35-1	0,225
35	0	LM71DX	57,1286	35-1	0
35	0,225	LM71DX	102,0987	35-1	0,225
35	0	STLM71	-119,441	35-1	0
35	0,225	STLM71	-116,1752	35-1	0,225
35	0	AVVLM71	-203,5531	35-1	0
35	0,225	AVVLM71	-195,2141	35-1	0,225
35	0	SW2	60,8111	35-1	0
35	0,225	SW2	101,6811	35-1	0,225
35	0	STSW2	-203,5255	35-1	0
35	0,225	STSW2	-197,9606	35-1	0,225
35	0	INCRTER	-907,5719	35-1	0
35	0,225	INCRTER	-882,7568	35-1	0,225
35	0	LM71SISO	-66,3416	35-1	0
35	0,225	LM71SISO	-63,6237	35-1	0,225
35	0	SW2SISO	-57,964	35-1	0
35	0,225	SW2SISO	-55,5893	35-1	0,225
35	0	SISMAO	-525,0327	35-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
35	0,225	SISMAO	-506,989	35-1	0,225
35	0	LM71SVA	-2,1599	35-1	0
35	0,225	LM71SVA	-3,6116	35-1	0,225
35	0	SW2SVA	-1,8845	35-1	0
35	0,225	SW2SVA	-3,151	35-1	0,225
35	0	SISMAVA	-30,6143	35-1	0
35	0,225	SISMAVA	-46,1039	35-1	0,225
35	0	LM71SVB	2,1599	35-1	0
35	0,225	LM71SVB	3,6116	35-1	0,225
35	0	SW2SVB	1,8845	35-1	0
35	0,225	SW2SVB	3,151	35-1	0,225
35	0	SISMAVB	30,6143	35-1	0
35	0,225	SISMAVB	46,1039	35-1	0,225
36	0	PP	222,7126	36-1	0
36	0,125	PP	220,3628	36-1	0,125
36	0,25	PP	218,0129	36-1	0,25
36	0	REINTSUP	39,5575	36-1	0
36	0,125	REINTSUP	39,7408	36-1	0,125
36	0,25	REINTSUP	39,9242	36-1	0,25
36	0	BALLAST	34,9036	36-1	0
36	0,125	BALLAST	35,0654	36-1	0,125
36	0,25	BALLAST	35,2272	36-1	0,25
36	0	STERRASX	848,854	36-1	0
36	0,125	STERRASX	792,3551	36-1	0,125
36	0,25	STERRASX	737,3852	36-1	0,25
36	0	STERRADX	-542,2827	36-1	0
36	0,125	STERRADX	-529,6501	36-1	0,125
36	0,25	STERRADX	-517,0176	36-1	0,25
36	0	TERMP	-9,0891	36-1	0
36	0,125	TERMP	-8,8717	36-1	0,125
36	0,25	TERMP	-8,6544	36-1	0,25
36	0	TERMN	27,2672	36-1	0
36	0,125	TERMN	26,6151	36-1	0,125
36	0,25	TERMN	25,9631	36-1	0,25
36	0	GRADTP	16,8983	36-1	0
36	0,125	GRADTP	15,8051	36-1	0,125
36	0,25	GRADTP	14,7119	36-1	0,25
36	0	GRADTN	-16,8983	36-1	0
36	0,125	GRADTN	-15,8051	36-1	0,125
36	0,25	GRADTN	-14,7119	36-1	0,25
36	0	LM71C	96,4926	36-1	0
36	0,125	LM71C	97,2195	36-1	0,125
36	0,25	LM71C	97,9463	36-1	0,25
36	0	LM71SX	102,0987	36-1	0
36	0,125	LM71SX	102,6977	36-1	0,125
36	0,25	LM71SX	103,2967	36-1	0,25
36	0	LM71DX	94,8396	36-1	0
36	0,125	LM71DX	95,4385	36-1	0,125
36	0,25	LM71DX	96,0375	36-1	0,25
36	0	STLM71	162,5488	36-1	0
36	0,125	STLM71	154,0685	36-1	0,125
36	0,25	STLM71	145,7333	36-1	0,25
36	0	AVVLM71	195,2141	36-1	0
36	0,125	AVVLM71	190,2134	36-1	0,125
36	0,25	AVVLM71	185,2127	36-1	0,25
36	0	SW2	101,6811	36-1	0
36	0,125	SW2	102,1525	36-1	0,125
36	0,25	SW2	102,6238	36-1	0,25
36	0	STSW2	276,9803	36-1	0
36	0,125	STSW2	262,53	36-1	0,125
36	0,25	STSW2	248,3271	36-1	0,25
36	0	INCRTER	1235,1257	36-1	0
36	0,125	INCRTER	1170,6882	36-1	0,125
36	0,25	INCRTER	1107,3537	36-1	0,25
36	0	LM71SISO	63,6237	36-1	0
36	0,125	LM71SISO	61,9939	36-1	0,125
36	0,25	LM71SISO	60,3641	36-1	0,25
36	0	SW2SISO	55,5893	36-1	0
36	0,125	SW2SISO	54,1653	36-1	0,125
36	0,25	SW2SISO	52,7413	36-1	0,25
36	0	SISMAO	506,989	36-1	0
36	0,125	SISMAO	491,2458	36-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
36	0,25	SISMAO	475,5999	36-1	0,25
36	0	LM71SVA	-3,6116	36-1	0
36	0,125	LM71SVA	-3,6283	36-1	0,125
36	0,25	LM71SVA	-3,645	36-1	0,25
36	0	SW2SVA	-3,151	36-1	0
36	0,125	SW2SVA	-3,1656	36-1	0,125
36	0,25	SW2SVA	-3,1802	36-1	0,25
36	0	SISMAVA	-46,1039	36-1	0
36	0,125	SISMAVA	-45,7926	36-1	0,125
36	0,25	SISMAVA	-45,4814	36-1	0,25
36	0	LM71SVB	3,6116	36-1	0
36	0,125	LM71SVB	3,6283	36-1	0,125
36	0,25	LM71SVB	3,645	36-1	0,25
36	0	SW2SVB	3,151	36-1	0
36	0,125	SW2SVB	3,1656	36-1	0,125
36	0,25	SW2SVB	3,1802	36-1	0,25
36	0	SISMAVB	46,1039	36-1	0
36	0,125	SISMAVB	45,7926	36-1	0,125
36	0,25	SISMAVB	45,4814	36-1	0,25
37	0	PP	-222,7126	37-1	0
37	0,125	PP	-220,3628	37-1	0,125
37	0,25	PP	-218,0129	37-1	0,25
37	0	REINTSUP	-39,5575	37-1	0
37	0,125	REINTSUP	-39,7408	37-1	0,125
37	0,25	REINTSUP	-39,9242	37-1	0,25
37	0	BALLAST	-34,9036	37-1	0
37	0,125	BALLAST	-35,0654	37-1	0,125
37	0,25	BALLAST	-35,2272	37-1	0,25
37	0	STERRASX	542,2827	37-1	0
37	0,125	STERRASX	529,6501	37-1	0,125
37	0,25	STERRASX	517,0176	37-1	0,25
37	0	STERRADX	-848,854	37-1	0
37	0,125	STERRADX	-792,3551	37-1	0,125
37	0,25	STERRADX	-737,3852	37-1	0,25
37	0	TERMP	9,0891	37-1	0
37	0,125	TERMP	8,8717	37-1	0,125
37	0,25	TERMP	8,6544	37-1	0,25
37	0	TERMN	-27,2672	37-1	0
37	0,125	TERMN	-26,6151	37-1	0,125
37	0,25	TERMN	-25,9631	37-1	0,25
37	0	GRADTP	-16,8983	37-1	0
37	0,125	GRADTP	-15,8051	37-1	0,125
37	0,25	GRADTP	-14,7119	37-1	0,25
37	0	GRADTN	16,8983	37-1	0
37	0,125	GRADTN	15,8051	37-1	0,125
37	0,25	GRADTN	14,7119	37-1	0,25
37	0	LM71C	-96,4926	37-1	0
37	0,125	LM71C	-97,2195	37-1	0,125
37	0,25	LM71C	-97,9463	37-1	0,25
37	0	LM71SX	-94,8396	37-1	0
37	0,125	LM71SX	-95,4385	37-1	0,125
37	0,25	LM71SX	-96,0375	37-1	0,25
37	0	LM71DX	-102,0987	37-1	0
37	0,125	LM71DX	-102,6977	37-1	0,125
37	0,25	LM71DX	-103,2967	37-1	0,25
37	0	STLM71	116,1752	37-1	0
37	0,125	STLM71	113,4059	37-1	0,125
37	0,25	STLM71	110,6366	37-1	0,25
37	0	AVVLM71	195,2141	37-1	0
37	0,125	AVVLM71	190,2134	37-1	0,125
37	0,25	AVVLM71	185,2127	37-1	0,25
37	0	SW2	-101,6811	37-1	0
37	0,125	SW2	-102,1525	37-1	0,125
37	0,25	SW2	-102,6238	37-1	0,25
37	0	STSW2	197,9606	37-1	0
37	0,125	STSW2	193,2418	37-1	0,125
37	0,25	STSW2	188,5229	37-1	0,25
37	0	INCRTER	882,7568	37-1	0
37	0,125	INCRTER	861,7142	37-1	0,125
37	0,25	INCRTER	840,6715	37-1	0,25
37	0	LM71SISO	63,6237	37-1	0
37	0,125	LM71SISO	61,9939	37-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
37	0,25	LM71SISO	60,3641	37-1	0,25
37	0	SW2SISO	55,5893	37-1	0
37	0,125	SW2SISO	54,1653	37-1	0,125
37	0,25	SW2SISO	52,7413	37-1	0,25
37	0	SISMAO	506,989	37-1	0
37	0,125	SISMAO	491,2458	37-1	0,125
37	0,25	SISMAO	475,5999	37-1	0,25
37	0	LM71SVA	3,6116	37-1	0
37	0,125	LM71SVA	3,6283	37-1	0,125
37	0,25	LM71SVA	3,645	37-1	0,25
37	0	SW2SVA	3,151	37-1	0
37	0,125	SW2SVA	3,1656	37-1	0,125
37	0,25	SW2SVA	3,1802	37-1	0,25
37	0	SISMAVA	46,1039	37-1	0
37	0,125	SISMAVA	45,7926	37-1	0,125
37	0,25	SISMAVA	45,4814	37-1	0,25
37	0	LM71SVB	-3,6116	37-1	0
37	0,125	LM71SVB	-3,6283	37-1	0,125
37	0,25	LM71SVB	-3,645	37-1	0,25
37	0	SW2SVB	-3,151	37-1	0
37	0,125	SW2SVB	-3,1656	37-1	0,125
37	0,25	SW2SVB	-3,1802	37-1	0,25
37	0	SISMAVB	-46,1039	37-1	0
37	0,125	SISMAVB	-45,7926	37-1	0,125
37	0,25	SISMAVB	-45,4814	37-1	0,25
38	0	PP	218,0129	38-1	0
38	0,125	PP	215,663	38-1	0,125
38	0,25	PP	213,3132	38-1	0,25
38	0	REINTSUP	39,9242	38-1	0
38	0,125	REINTSUP	40,1076	38-1	0,125
38	0,25	REINTSUP	40,291	38-1	0,25
38	0	BALLAST	35,2272	38-1	0
38	0,125	BALLAST	35,389	38-1	0,125
38	0,25	BALLAST	35,5508	38-1	0,25
38	0	STERRASX	737,3852	38-1	0
38	0,125	STERRASX	683,9279	38-1	0,125
38	0,25	STERRASX	631,9663	38-1	0,25
38	0	STERRADX	-517,0176	38-1	0
38	0,125	STERRADX	-504,385	38-1	0,125
38	0,25	STERRADX	-491,7524	38-1	0,25
38	0	TERMP	-8,6544	38-1	0
38	0,125	TERMP	-8,437	38-1	0,125
38	0,25	TERMP	-8,2196	38-1	0,25
38	0	TERMN	25,9631	38-1	0
38	0,125	TERMN	25,311	38-1	0,125
38	0,25	TERMN	24,6589	38-1	0,25
38	0	GRADTP	14,7119	38-1	0
38	0,125	GRADTP	13,6187	38-1	0,125
38	0,25	GRADTP	12,5255	38-1	0,25
38	0	GRADTN	-14,7119	38-1	0
38	0,125	GRADTN	-13,6187	38-1	0,125
38	0,25	GRADTN	-12,5255	38-1	0,25
38	0	LM71C	97,9463	38-1	0
38	0,125	LM71C	98,6732	38-1	0,125
38	0,25	LM71C	99,4	38-1	0,25
38	0	LM71SX	103,2967	38-1	0
38	0,125	LM71SX	103,8956	38-1	0,125
38	0,25	LM71SX	104,4946	38-1	0,25
38	0	LM71DX	96,0375	38-1	0
38	0,125	LM71DX	96,6365	38-1	0,125
38	0,25	LM71DX	97,2355	38-1	0,25
38	0	STLM71	145,7333	38-1	0
38	0,125	STLM71	137,5434	38-1	0,125
38	0,25	STLM71	129,4985	38-1	0,25
38	0	AVVLM71	185,2127	38-1	0
38	0,125	AVVLM71	180,212	38-1	0,125
38	0,25	AVVLM71	175,2113	38-1	0,25
38	0	SW2	102,6238	38-1	0
38	0,125	SW2	103,0952	38-1	0,125
38	0,25	SW2	103,5665	38-1	0,25
38	0	STSW2	248,3271	38-1	0
38	0,125	STSW2	234,3715	38-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
38	0,25	STSW2	220,6633	38-1	0,25
38	0	INCRTER	1107,3537	38-1	0
38	0,125	INCRTER	1045,1222	38-1	0,125
38	0,25	INCRTER	983,9936	38-1	0,25
38	0	LM71SISO	60,3641	38-1	0
38	0,125	LM71SISO	58,7343	38-1	0,125
38	0,25	LM71SISO	57,1045	38-1	0,25
38	0	SW2SISO	52,7413	38-1	0
38	0,125	SW2SISO	51,3173	38-1	0,125
38	0,25	SW2SISO	49,8933	38-1	0,25
38	0	SISMAO	475,5999	38-1	0
38	0,125	SISMAO	460,0513	38-1	0,125
38	0,25	SISMAO	444,6	38-1	0,25
38	0	LM71SVA	-3,645	38-1	0
38	0,125	LM71SVA	-3,6618	38-1	0,125
38	0,25	LM71SVA	-3,6785	38-1	0,25
38	0	SW2SVA	-3,1802	38-1	0
38	0,125	SW2SVA	-3,1948	38-1	0,125
38	0,25	SW2SVA	-3,2095	38-1	0,25
38	0	SISMAVA	-45,4814	38-1	0
38	0,125	SISMAVA	-45,1701	38-1	0,125
38	0,25	SISMAVA	-44,8588	38-1	0,25
38	0	LM71SVB	3,645	38-1	0
38	0,125	LM71SVB	3,6618	38-1	0,125
38	0,25	LM71SVB	3,6785	38-1	0,25
38	0	SW2SVB	3,1802	38-1	0
38	0,125	SW2SVB	3,1948	38-1	0,125
38	0,25	SW2SVB	3,2095	38-1	0,25
38	0	SISMAVB	45,4814	38-1	0
38	0,125	SISMAVB	45,1701	38-1	0,125
38	0,25	SISMAVB	44,8588	38-1	0,25
39	0	PP	-218,0129	39-1	0
39	0,125	PP	-215,663	39-1	0,125
39	0,25	PP	-213,3132	39-1	0,25
39	0	REINTSUP	-39,9242	39-1	0
39	0,125	REINTSUP	-40,1076	39-1	0,125
39	0,25	REINTSUP	-40,291	39-1	0,25
39	0	BALLAST	-35,2272	39-1	0
39	0,125	BALLAST	-35,389	39-1	0,125
39	0,25	BALLAST	-35,5508	39-1	0,25
39	0	STERRASX	517,0176	39-1	0
39	0,125	STERRASX	504,385	39-1	0,125
39	0,25	STERRASX	491,7524	39-1	0,25
39	0	STERRADX	-737,3852	39-1	0
39	0,125	STERRADX	-683,9279	39-1	0,125
39	0,25	STERRADX	-631,9663	39-1	0,25
39	0	TERMP	8,6544	39-1	0
39	0,125	TERMP	8,437	39-1	0,125
39	0,25	TERMP	8,2196	39-1	0,25
39	0	TERMN	-25,9631	39-1	0
39	0,125	TERMN	-25,311	39-1	0,125
39	0,25	TERMN	-24,6589	39-1	0,25
39	0	GRADTP	-14,7119	39-1	0
39	0,125	GRADTP	-13,6187	39-1	0,125
39	0,25	GRADTP	-12,5255	39-1	0,25
39	0	GRADTN	14,7119	39-1	0
39	0,125	GRADTN	13,6187	39-1	0,125
39	0,25	GRADTN	12,5255	39-1	0,25
39	0	LM71C	-97,9463	39-1	0
39	0,125	LM71C	-98,6732	39-1	0,125
39	0,25	LM71C	-99,4	39-1	0,25
39	0	LM71SX	-96,0375	39-1	0
39	0,125	LM71SX	-96,6365	39-1	0,125
39	0,25	LM71SX	-97,2355	39-1	0,25
39	0	LM71DX	-103,2967	39-1	0
39	0,125	LM71DX	-103,8956	39-1	0,125
39	0,25	LM71DX	-104,4946	39-1	0,25
39	0	STLM71	110,6366	39-1	0
39	0,125	STLM71	107,8673	39-1	0,125
39	0,25	STLM71	105,098	39-1	0,25
39	0	AVVLM71	185,2127	39-1	0
39	0,125	AVVLM71	180,212	39-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
39	0,25	AVVLM71	175,2113	39-1	0,25
39	0	SW2	-102,6238	39-1	0
39	0,125	SW2	-103,0952	39-1	0,125
39	0,25	SW2	-103,5665	39-1	0,25
39	0	STSW2	188,5229	39-1	0
39	0,125	STSW2	183,804	39-1	0,125
39	0,25	STSW2	179,0852	39-1	0,25
39	0	INCRTER	840,6715	39-1	0
39	0,125	INCRTER	819,6289	39-1	0,125
39	0,25	INCRTER	798,5863	39-1	0,25
39	0	LM71SISO	60,3641	39-1	0
39	0,125	LM71SISO	58,7343	39-1	0,125
39	0,25	LM71SISO	57,1045	39-1	0,25
39	0	SW2SISO	52,7413	39-1	0
39	0,125	SW2SISO	51,3173	39-1	0,125
39	0,25	SW2SISO	49,8933	39-1	0,25
39	0	SISMAO	475,5999	39-1	0
39	0,125	SISMAO	460,0513	39-1	0,125
39	0,25	SISMAO	444,6	39-1	0,25
39	0	LM71SVA	3,645	39-1	0
39	0,125	LM71SVA	3,6618	39-1	0,125
39	0,25	LM71SVA	3,6785	39-1	0,25
39	0	SW2SVA	3,1802	39-1	0
39	0,125	SW2SVA	3,1948	39-1	0,125
39	0,25	SW2SVA	3,2095	39-1	0,25
39	0	SISMAVA	45,4814	39-1	0
39	0,125	SISMAVA	45,1701	39-1	0,125
39	0,25	SISMAVA	44,8588	39-1	0,25
39	0	LM71SVB	-3,645	39-1	0
39	0,125	LM71SVB	-3,6618	39-1	0,125
39	0,25	LM71SVB	-3,6785	39-1	0,25
39	0	SW2SVB	-3,1802	39-1	0
39	0,125	SW2SVB	-3,1948	39-1	0,125
39	0,25	SW2SVB	-3,2095	39-1	0,25
39	0	SISMAVB	-45,4814	39-1	0
39	0,125	SISMAVB	-45,1701	39-1	0,125
39	0,25	SISMAVB	-44,8588	39-1	0,25
40	0	PP	213,3132	40-1	0
40	1,1	PP	192,6344	40-1	1,1
40	2,2	PP	171,9556	40-1	2,2
40	0	REINTSUP	40,291	40-1	0
40	1,1	REINTSUP	41,9047	40-1	1,1
40	2,2	REINTSUP	43,5183	40-1	2,2
40	0	BALLAST	35,5508	40-1	0
40	1,1	BALLAST	36,9747	40-1	1,1
40	2,2	BALLAST	38,3985	40-1	2,2
40	0	STERRASX	631,9663	40-1	0
40	1,1	STERRASX	236,6185	40-1	1,1
40	2,2	STERRASX	-55,5344	40-1	2,2
40	0	STERRADX	-491,7524	40-1	0
40	1,1	STERRADX	-380,5857	40-1	1,1
40	2,2	STERRADX	-269,4191	40-1	2,2
40	0	TERMP	-8,2196	40-1	0
40	1,1	TERMP	-6,3069	40-1	1,1
40	2,2	TERMP	-4,3941	40-1	2,2
40	0	TERMN	24,6589	40-1	0
40	1,1	TERMN	18,9207	40-1	1,1
40	2,2	TERMN	13,1824	40-1	2,2
40	0	GRADTP	12,5255	40-1	0
40	1,1	GRADTP	2,9053	40-1	1,1
40	2,2	GRADTP	-6,715	40-1	2,2
40	0	GRADTN	-12,5255	40-1	0
40	1,1	GRADTN	-2,9053	40-1	1,1
40	2,2	GRADTN	6,715	40-1	2,2
40	0	LM71C	99,4	40-1	0
40	1,1	LM71C	105,7963	40-1	1,1
40	2,2	LM71C	112,1925	40-1	2,2
40	0	LM71SX	104,4946	40-1	0
40	1,1	LM71SX	109,7656	40-1	1,1
40	2,2	LM71SX	115,0367	40-1	2,2
40	0	LM71DX	97,2355	40-1	0
40	1,1	LM71DX	102,5065	40-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
40	2,2	LM71DX	107,7775	40-1	2,2
40	0	STLM71	129,4985	40-1	0
40	1,1	STLM71	64,9632	40-1	1,1
40	2,2	STLM71	11,6687	40-1	2,2
40	0	AVVLM71	175,2113	40-1	0
40	1,1	AVVLM71	131,2053	40-1	1,1
40	2,2	AVVLM71	87,1992	40-1	2,2
40	0	SW2	103,5665	40-1	0
40	1,1	SW2	107,7145	40-1	1,1
40	2,2	SW2	111,8624	40-1	2,2
40	0	STSW2	220,6633	40-1	0
40	1,1	STSW2	110,6962	40-1	1,1
40	2,2	STSW2	19,8833	40-1	2,2
40	0	INCRTER	983,9936	40-1	0
40	1,1	INCRTER	493,6223	40-1	1,1
40	2,2	INCRTER	88,6649	40-1	2,2
40	0	LM71SISO	57,1045	40-1	0
40	1,1	LM71SISO	42,7621	40-1	1,1
40	2,2	LM71SISO	28,4198	40-1	2,2
40	0	SW2SISO	49,8933	40-1	0
40	1,1	SW2SISO	37,3621	40-1	1,1
40	2,2	SW2SISO	24,8309	40-1	2,2
40	0	SISMAO	444,6	40-1	0
40	1,1	SISMAO	312,8266	40-1	1,1
40	2,2	SISMAO	188,5915	40-1	2,2
40	0	LM71SVA	-3,6785	40-1	0
40	1,1	LM71SVA	-3,8259	40-1	1,1
40	2,2	LM71SVA	-3,9732	40-1	2,2
40	0	SW2SVA	-3,2095	40-1	0
40	1,1	SW2SVA	-3,338	40-1	1,1
40	2,2	SW2SVA	-3,4665	40-1	2,2
40	0	SISMAVA	-44,8588	40-1	0
40	1,1	SISMAVA	-42,1195	40-1	1,1
40	2,2	SISMAVA	-39,3802	40-1	2,2
40	0	LM71SVB	3,6785	40-1	0
40	1,1	LM71SVB	3,8259	40-1	1,1
40	2,2	LM71SVB	3,9732	40-1	2,2
40	0	SW2SVB	3,2095	40-1	0
40	1,1	SW2SVB	3,338	40-1	1,1
40	2,2	SW2SVB	3,4665	40-1	2,2
40	0	SISMAVB	44,8588	40-1	0
40	1,1	SISMAVB	42,1195	40-1	1,1
40	2,2	SISMAVB	39,3802	40-1	2,2
41	0	PP	-213,3132	41-1	0
41	1,1	PP	-192,6344	41-1	1,1
41	2,2	PP	-171,9556	41-1	2,2
41	0	REINTSUP	-40,291	41-1	0
41	1,1	REINTSUP	-41,9047	41-1	1,1
41	2,2	REINTSUP	-43,5183	41-1	2,2
41	0	BALLAST	-35,5508	41-1	0
41	1,1	BALLAST	-36,9747	41-1	1,1
41	2,2	BALLAST	-38,3985	41-1	2,2
41	0	STERRASX	491,7524	41-1	0
41	1,1	STERRASX	380,5857	41-1	1,1
41	2,2	STERRASX	269,4191	41-1	2,2
41	0	STERRADX	-631,9663	41-1	0
41	1,1	STERRADX	-236,6185	41-1	1,1
41	2,2	STERRADX	55,5344	41-1	2,2
41	0	TERMP	8,2196	41-1	0
41	1,1	TERMP	6,3069	41-1	1,1
41	2,2	TERMP	4,3941	41-1	2,2
41	0	TERMN	-24,6589	41-1	0
41	1,1	TERMN	-18,9207	41-1	1,1
41	2,2	TERMN	-13,1824	41-1	2,2
41	0	GRADTP	-12,5255	41-1	0
41	1,1	GRADTP	-2,9053	41-1	1,1
41	2,2	GRADTP	6,715	41-1	2,2
41	0	GRADTN	12,5255	41-1	0
41	1,1	GRADTN	2,9053	41-1	1,1
41	2,2	GRADTN	-6,715	41-1	2,2
41	0	LM71C	-99,4	41-1	0
41	1,1	LM71C	-105,7963	41-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
41	2,2	LM71C	-112,1925	41-1	2,2
41	0	LM71SX	-97,2355	41-1	0
41	1,1	LM71SX	-102,5065	41-1	1,1
41	2,2	LM71SX	-107,7775	41-1	2,2
41	0	LM71DX	-104,4946	41-1	0
41	1,1	LM71DX	-109,7656	41-1	1,1
41	2,2	LM71DX	-115,0367	41-1	2,2
41	0	STLM71	105,098	41-1	0
41	1,1	STLM71	80,728	41-1	1,1
41	2,2	STLM71	56,3581	41-1	2,2
41	0	AVVLM71	175,2113	41-1	0
41	1,1	AVVLM71	131,2053	41-1	1,1
41	2,2	AVVLM71	87,1992	41-1	2,2
41	0	SW2	-103,5665	41-1	0
41	1,1	SW2	-107,7145	41-1	1,1
41	2,2	SW2	-111,8624	41-1	2,2
41	0	STSW2	179,0852	41-1	0
41	1,1	STSW2	137,5592	41-1	1,1
41	2,2	STSW2	96,0332	41-1	2,2
41	0	INCRTER	798,5863	41-1	0
41	1,1	INCRTER	613,4113	41-1	1,1
41	2,2	INCRTER	428,2364	41-1	2,2
41	0	LM71SISO	57,1045	41-1	0
41	1,1	LM71SISO	42,7621	41-1	1,1
41	2,2	LM71SISO	28,4198	41-1	2,2
41	0	SW2SISO	49,8933	41-1	0
41	1,1	SW2SISO	37,3621	41-1	1,1
41	2,2	SW2SISO	24,8309	41-1	2,2
41	0	SISMAO	444,6	41-1	0
41	1,1	SISMAO	312,8266	41-1	1,1
41	2,2	SISMAO	188,5915	41-1	2,2
41	0	LM71SVA	3,6785	41-1	0
41	1,1	LM71SVA	3,8259	41-1	1,1
41	2,2	LM71SVA	3,9732	41-1	2,2
41	0	SW2SVA	3,2095	41-1	0
41	1,1	SW2SVA	3,338	41-1	1,1
41	2,2	SW2SVA	3,4665	41-1	2,2
41	0	SISMAVA	44,8588	41-1	0
41	1,1	SISMAVA	42,1195	41-1	1,1
41	2,2	SISMAVA	39,3802	41-1	2,2
41	0	LM71SVB	-3,6785	41-1	0
41	1,1	LM71SVB	-3,8259	41-1	1,1
41	2,2	LM71SVB	-3,9732	41-1	2,2
41	0	SW2SVB	-3,2095	41-1	0
41	1,1	SW2SVB	-3,338	41-1	1,1
41	2,2	SW2SVB	-3,4665	41-1	2,2
41	0	SISMAVB	-44,8588	41-1	0
41	1,1	SISMAVB	-42,1195	41-1	1,1
41	2,2	SISMAVB	-39,3802	41-1	2,2
42	0	PP	171,9556	42-1	0
42	1,1	PP	151,2768	42-1	1,1
42	2,2	PP	130,598	42-1	2,2
42	0	REINTSUP	43,5183	42-1	0
42	1,1	REINTSUP	45,132	42-1	1,1
42	2,2	REINTSUP	46,7457	42-1	2,2
42	0	BALLAST	38,3985	42-1	0
42	1,1	BALLAST	39,8224	42-1	1,1
42	2,2	BALLAST	41,2462	42-1	2,2
42	0	STERRASX	-55,5344	42-1	0
42	1,1	STERRASX	-255,8435	42-1	1,1
42	2,2	STERRASX	-375,6598	42-1	2,2
42	0	STERRADX	-269,4191	42-1	0
42	1,1	STERRADX	-158,2524	42-1	1,1
42	2,2	STERRADX	-47,0857	42-1	2,2
42	0	TERMP	-4,3941	42-1	0
42	1,1	TERMP	-2,4814	42-1	1,1
42	2,2	TERMP	-0,5687	42-1	2,2
42	0	TERMN	13,1824	42-1	0
42	1,1	TERMN	7,4442	42-1	1,1
42	2,2	TERMN	1,706	42-1	2,2
42	0	GRADTP	-6,715	42-1	0
42	1,1	GRADTP	-16,3352	42-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
42	2,2	GRADTP	-25,9554	42-1	2,2
42	0	GRADTN	6,715	42-1	0
42	1,1	GRADTN	16,3352	42-1	1,1
42	2,2	GRADTN	25,9554	42-1	2,2
42	0	LM71C	112,1925	42-1	0
42	1,1	LM71C	118,5888	42-1	1,1
42	2,2	LM71C	124,985	42-1	2,2
42	0	LM71SX	115,0367	42-1	0
42	1,1	LM71SX	120,3077	42-1	1,1
42	2,2	LM71SX	125,5787	42-1	2,2
42	0	LM71DX	107,7775	42-1	0
42	1,1	LM71DX	113,0485	42-1	1,1
42	2,2	LM71DX	118,3195	42-1	2,2
42	0	STLM71	11,6687	42-1	0
42	1,1	STLM71	-30,3848	42-1	1,1
42	2,2	STLM71	-61,1974	42-1	2,2
42	0	AVVLM71	87,1992	42-1	0
42	1,1	AVVLM71	43,1932	42-1	1,1
42	2,2	AVVLM71	-0,8129	42-1	2,2
42	0	SW2	111,8624	42-1	0
42	1,1	SW2	116,0104	42-1	1,1
42	2,2	SW2	120,1583	42-1	2,2
42	0	STSW2	19,8833	42-1	0
42	1,1	STSW2	-51,7752	42-1	1,1
42	2,2	STSW2	-104,2794	42-1	2,2
42	0	INCRTER	88,6649	42-1	0
42	1,1	INCRTER	-230,8786	42-1	1,1
42	2,2	INCRTER	-465,0082	42-1	2,2
42	0	LM71SISO	28,4198	42-1	0
42	1,1	LM71SISO	14,0774	42-1	1,1
42	2,2	LM71SISO	-0,2649	42-1	2,2
42	0	SW2SISO	24,8309	42-1	0
42	1,1	SW2SISO	12,2997	42-1	1,1
42	2,2	SW2SISO	-0,2315	42-1	2,2
42	0	SISMAO	188,5915	42-1	0
42	1,1	SISMAO	71,8947	42-1	1,1
42	2,2	SISMAO	-37,2638	42-1	2,2
42	0	LM71SVA	-3,9732	42-1	0
42	1,1	LM71SVA	-4,1205	42-1	1,1
42	2,2	LM71SVA	-4,2678	42-1	2,2
42	0	SW2SVA	-3,4665	42-1	0
42	1,1	SW2SVA	-3,5951	42-1	1,1
42	2,2	SW2SVA	-3,7236	42-1	2,2
42	0	SISMAVA	-39,3802	42-1	0
42	1,1	SISMAVA	-36,6409	42-1	1,1
42	2,2	SISMAVA	-33,9017	42-1	2,2
42	0	LM71SVB	3,9732	42-1	0
42	1,1	LM71SVB	4,1205	42-1	1,1
42	2,2	LM71SVB	4,2678	42-1	2,2
42	0	SW2SVB	3,4665	42-1	0
42	1,1	SW2SVB	3,5951	42-1	1,1
42	2,2	SW2SVB	3,7236	42-1	2,2
42	0	SISMAVB	39,3802	42-1	0
42	1,1	SISMAVB	36,6409	42-1	1,1
42	2,2	SISMAVB	33,9017	42-1	2,2
43	0	PP	-171,9556	43-1	0
43	1,1	PP	-151,2768	43-1	1,1
43	2,2	PP	-130,598	43-1	2,2
43	0	REINTSUP	-43,5183	43-1	0
43	1,1	REINTSUP	-45,132	43-1	1,1
43	2,2	REINTSUP	-46,7457	43-1	2,2
43	0	BALLAST	-38,3985	43-1	0
43	1,1	BALLAST	-39,8224	43-1	1,1
43	2,2	BALLAST	-41,2462	43-1	2,2
43	0	STERRASX	269,4191	43-1	0
43	1,1	STERRASX	158,2524	43-1	1,1
43	2,2	STERRASX	47,0857	43-1	2,2
43	0	STERRADX	55,5344	43-1	0
43	1,1	STERRADX	255,8435	43-1	1,1
43	2,2	STERRADX	375,6598	43-1	2,2
43	0	TERMP	4,3941	43-1	0
43	1,1	TERMP	2,4814	43-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
43	2,2	TERMP	0,5687	43-1	2,2
43	0	TERMN	-13,1824	43-1	0
43	1,1	TERMN	-7,4442	43-1	1,1
43	2,2	TERMN	-1,706	43-1	2,2
43	0	GRADTP	6,715	43-1	0
43	1,1	GRADTP	16,3352	43-1	1,1
43	2,2	GRADTP	25,9554	43-1	2,2
43	0	GRADTN	-6,715	43-1	0
43	1,1	GRADTN	-16,3352	43-1	1,1
43	2,2	GRADTN	-25,9554	43-1	2,2
43	0	LM71C	-112,1925	43-1	0
43	1,1	LM71C	-118,5888	43-1	1,1
43	2,2	LM71C	-124,985	43-1	2,2
43	0	LM71SX	-107,7775	43-1	0
43	1,1	LM71SX	-113,0485	43-1	1,1
43	2,2	LM71SX	-118,3195	43-1	2,2
43	0	LM71DX	-115,0367	43-1	0
43	1,1	LM71DX	-120,3077	43-1	1,1
43	2,2	LM71DX	-125,5787	43-1	2,2
43	0	STLM71	56,3581	43-1	0
43	1,1	STLM71	31,9881	43-1	1,1
43	2,2	STLM71	7,6181	43-1	2,2
43	0	AVVLM71	87,1992	43-1	0
43	1,1	AVVLM71	43,1932	43-1	1,1
43	2,2	AVVLM71	-0,8129	43-1	2,2
43	0	SW2	-111,8624	43-1	0
43	1,1	SW2	-116,0104	43-1	1,1
43	2,2	SW2	-120,1583	43-1	2,2
43	0	STSW2	96,0332	43-1	0
43	1,1	STSW2	54,5072	43-1	1,1
43	2,2	STSW2	12,9812	43-1	2,2
43	0	INCRTER	428,2364	43-1	0
43	1,1	INCRTER	243,0614	43-1	1,1
43	2,2	INCRTER	57,8864	43-1	2,2
43	0	LM71SISO	28,4198	43-1	0
43	1,1	LM71SISO	14,0774	43-1	1,1
43	2,2	LM71SISO	-0,2649	43-1	2,2
43	0	SW2SISO	24,8309	43-1	0
43	1,1	SW2SISO	12,2997	43-1	1,1
43	2,2	SW2SISO	-0,2315	43-1	2,2
43	0	SISMAO	188,5915	43-1	0
43	1,1	SISMAO	71,8947	43-1	1,1
43	2,2	SISMAO	-37,2638	43-1	2,2
43	0	LM71SVA	3,9732	43-1	0
43	1,1	LM71SVA	4,1205	43-1	1,1
43	2,2	LM71SVA	4,2678	43-1	2,2
43	0	SW2SVA	3,4665	43-1	0
43	1,1	SW2SVA	3,5951	43-1	1,1
43	2,2	SW2SVA	3,7236	43-1	2,2
43	0	SISMAVA	39,3802	43-1	0
43	1,1	SISMAVA	36,6409	43-1	1,1
43	2,2	SISMAVA	33,9017	43-1	2,2
43	0	LM71SVB	-3,9732	43-1	0
43	1,1	LM71SVB	-4,1205	43-1	1,1
43	2,2	LM71SVB	-4,2678	43-1	2,2
43	0	SW2SVB	-3,4665	43-1	0
43	1,1	SW2SVB	-3,5951	43-1	1,1
43	2,2	SW2SVB	-3,7236	43-1	2,2
43	0	SISMAVB	-39,3802	43-1	0
43	1,1	SISMAVB	-36,6409	43-1	1,1
43	2,2	SISMAVB	-33,9017	43-1	2,2
44	0	PP	130,598	44-1	0
44	1,1	PP	109,9193	44-1	1,1
44	2,2	PP	89,2405	44-1	2,2
44	0	REINTSUP	46,7457	44-1	0
44	1,1	REINTSUP	48,3594	44-1	1,1
44	2,2	REINTSUP	49,9731	44-1	2,2
44	0	BALLAST	41,2462	44-1	0
44	1,1	BALLAST	42,6701	44-1	1,1
44	2,2	BALLAST	44,0939	44-1	2,2
44	0	STERRASX	-375,6598	44-1	0
44	1,1	STERRASX	-426,3343	44-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
44	2,2	STERRASX	-419,2179	44-1	2,2
44	0	STERRADX	-47,0857	44-1	0
44	1,1	STERRADX	64,0809	44-1	1,1
44	2,2	STERRADX	175,2476	44-1	2,2
44	0	TERMP	-0,5687	44-1	0
44	1,1	TERMP	1,3441	44-1	1,1
44	2,2	TERMP	3,2568	44-1	2,2
44	0	TERMN	1,706	44-1	0
44	1,1	TERMN	-4,0323	44-1	1,1
44	2,2	TERMN	-9,7705	44-1	2,2
44	0	GRADTP	-25,9554	44-1	0
44	1,1	GRADTP	-35,5757	44-1	1,1
44	2,2	GRADTP	-45,1959	44-1	2,2
44	0	GRADTN	25,9554	44-1	0
44	1,1	GRADTN	35,5757	44-1	1,1
44	2,2	GRADTN	45,1959	44-1	2,2
44	0	LM71C	124,985	44-1	0
44	1,1	LM71C	131,3813	44-1	1,1
44	2,2	LM71C	137,7775	44-1	2,2
44	0	LM71SX	125,5787	44-1	0
44	1,1	LM71SX	130,8497	44-1	1,1
44	2,2	LM71SX	136,1207	44-1	2,2
44	0	LM71DX	118,3195	44-1	0
44	1,1	LM71DX	123,5906	44-1	1,1
44	2,2	LM71DX	128,8616	44-1	2,2
44	0	STLM71	-61,1974	44-1	0
44	1,1	STLM71	-80,7692	44-1	1,1
44	2,2	STLM71	-89,1	44-1	2,2
44	0	AVVLM71	-0,8129	44-1	0
44	1,1	AVVLM71	-44,8189	44-1	1,1
44	2,2	AVVLM71	-88,825	44-1	2,2
44	0	SW2	120,1583	44-1	0
44	1,1	SW2	124,3062	44-1	1,1
44	2,2	SW2	128,4542	44-1	2,2
44	0	STSW2	-104,2794	44-1	0
44	1,1	STSW2	-137,6293	44-1	1,1
44	2,2	STSW2	-151,8249	44-1	2,2
44	0	INCRTER	-465,0082	44-1	0
44	1,1	INCRTER	-613,7239	44-1	1,1
44	2,2	INCRTER	-677,0258	44-1	2,2
44	0	LM71SISO	-0,2649	44-1	0
44	1,1	LM71SISO	-14,6073	44-1	1,1
44	2,2	LM71SISO	-28,9496	44-1	2,2
44	0	SW2SISO	-0,2315	44-1	0
44	1,1	SW2SISO	-12,7627	44-1	1,1
44	2,2	SW2SISO	-25,2939	44-1	2,2
44	0	SISMAO	-37,2638	44-1	0
44	1,1	SISMAO	-138,884	44-1	1,1
44	2,2	SISMAO	-232,9659	44-1	2,2
44	0	LM71SVA	-4,2678	44-1	0
44	1,1	LM71SVA	-4,4152	44-1	1,1
44	2,2	LM71SVA	-4,5625	44-1	2,2
44	0	SW2SVA	-3,7236	44-1	0
44	1,1	SW2SVA	-3,8522	44-1	1,1
44	2,2	SW2SVA	-3,9807	44-1	2,2
44	0	SISMAVA	-33,9017	44-1	0
44	1,1	SISMAVA	-31,1624	44-1	1,1
44	2,2	SISMAVA	-28,4231	44-1	2,2
44	0	LM71SVB	4,2678	44-1	0
44	1,1	LM71SVB	4,4152	44-1	1,1
44	2,2	LM71SVB	4,5625	44-1	2,2
44	0	SW2SVB	3,7236	44-1	0
44	1,1	SW2SVB	3,8522	44-1	1,1
44	2,2	SW2SVB	3,9807	44-1	2,2
44	0	SISMAVB	33,9017	44-1	0
44	1,1	SISMAVB	31,1624	44-1	1,1
44	2,2	SISMAVB	28,4231	44-1	2,2
45	0	PP	-130,598	45-1	0
45	1,1	PP	-109,9193	45-1	1,1
45	2,2	PP	-89,2405	45-1	2,2
45	0	REINTSUP	-46,7457	45-1	0
45	1,1	REINTSUP	-48,3594	45-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
45	2,2	REINTSUP	-49,9731	45-1	2,2
45	0	BALLAST	-41,2462	45-1	0
45	1,1	BALLAST	-42,6701	45-1	1,1
45	2,2	BALLAST	-44,0939	45-1	2,2
45	0	STERRASX	47,0857	45-1	0
45	1,1	STERRASX	-64,0809	45-1	1,1
45	2,2	STERRASX	-175,2476	45-1	2,2
45	0	STERRADX	375,6598	45-1	0
45	1,1	STERRADX	426,3343	45-1	1,1
45	2,2	STERRADX	419,2179	45-1	2,2
45	0	TERMP	0,5687	45-1	0
45	1,1	TERMP	-1,3441	45-1	1,1
45	2,2	TERMP	-3,2568	45-1	2,2
45	0	TERMN	-1,706	45-1	0
45	1,1	TERMN	4,0323	45-1	1,1
45	2,2	TERMN	9,7705	45-1	2,2
45	0	GRADTP	25,9554	45-1	0
45	1,1	GRADTP	35,5757	45-1	1,1
45	2,2	GRADTP	45,1959	45-1	2,2
45	0	GRADTN	-25,9554	45-1	0
45	1,1	GRADTN	-35,5757	45-1	1,1
45	2,2	GRADTN	-45,1959	45-1	2,2
45	0	LM71C	-124,985	45-1	0
45	1,1	LM71C	-131,3813	45-1	1,1
45	2,2	LM71C	-137,7775	45-1	2,2
45	0	LM71SX	-118,3195	45-1	0
45	1,1	LM71SX	-123,5906	45-1	1,1
45	2,2	LM71SX	-128,8616	45-1	2,2
45	0	LM71DX	-125,5787	45-1	0
45	1,1	LM71DX	-130,8497	45-1	1,1
45	2,2	LM71DX	-136,1207	45-1	2,2
45	0	STLM71	7,6181	45-1	0
45	1,1	STLM71	-16,7518	45-1	1,1
45	2,2	STLM71	-41,1218	45-1	2,2
45	0	AVVLM71	-0,8129	45-1	0
45	1,1	AVVLM71	-44,8189	45-1	1,1
45	2,2	AVVLM71	-88,825	45-1	2,2
45	0	SW2	-120,1583	45-1	0
45	1,1	SW2	-124,3062	45-1	1,1
45	2,2	SW2	-128,4542	45-1	2,2
45	0	STSW2	12,9812	45-1	0
45	1,1	STSW2	-28,5448	45-1	1,1
45	2,2	STSW2	-70,0708	45-1	2,2
45	0	INCRTER	57,8864	45-1	0
45	1,1	INCRTER	-127,2886	45-1	1,1
45	2,2	INCRTER	-312,4636	45-1	2,2
45	0	LM71SISO	-0,2649	45-1	0
45	1,1	LM71SISO	-14,6073	45-1	1,1
45	2,2	LM71SISO	-28,9496	45-1	2,2
45	0	SW2SISO	-0,2315	45-1	0
45	1,1	SW2SISO	-12,7627	45-1	1,1
45	2,2	SW2SISO	-25,2939	45-1	2,2
45	0	SISMAO	-37,2638	45-1	0
45	1,1	SISMAO	-138,884	45-1	1,1
45	2,2	SISMAO	-232,9659	45-1	2,2
45	0	LM71SVA	4,2678	45-1	0
45	1,1	LM71SVA	4,4152	45-1	1,1
45	2,2	LM71SVA	4,5625	45-1	2,2
45	0	SW2SVA	3,7236	45-1	0
45	1,1	SW2SVA	3,8522	45-1	1,1
45	2,2	SW2SVA	3,9807	45-1	2,2
45	0	SISMAVA	33,9017	45-1	0
45	1,1	SISMAVA	31,1624	45-1	1,1
45	2,2	SISMAVA	28,4231	45-1	2,2
45	0	LM71SVB	-4,2678	45-1	0
45	1,1	LM71SVB	-4,4152	45-1	1,1
45	2,2	LM71SVB	-4,5625	45-1	2,2
45	0	SW2SVB	-3,7236	45-1	0
45	1,1	SW2SVB	-3,8522	45-1	1,1
45	2,2	SW2SVB	-3,9807	45-1	2,2
45	0	SISMAVB	-33,9017	45-1	0
45	1,1	SISMAVB	-31,1624	45-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
45	2,2	SISMAVB	-28,4231	45-1	2,2
46	0	PP	89,2405	46-1	0
46	1,1	PP	68,5617	46-1	1,1
46	2,2	PP	47,8829	46-1	2,2
46	0	REINTSUP	49,9731	46-1	0
46	1,1	REINTSUP	51,5868	46-1	1,1
46	2,2	REINTSUP	53,2005	46-1	2,2
46	0	BALLAST	44,0939	46-1	0
46	1,1	BALLAST	45,5178	46-1	1,1
46	2,2	BALLAST	46,9416	46-1	2,2
46	0	STERRASX	-419,2179	46-1	0
46	1,1	STERRASX	-365,6618	46-1	1,1
46	2,2	STERRASX	-277,0168	46-1	2,2
46	0	STERRADX	175,2476	46-1	0
46	1,1	STERRADX	286,4143	46-1	1,1
46	2,2	STERRADX	397,581	46-1	2,2
46	0	TERMP	3,2568	46-1	0
46	1,1	TERMP	5,1696	46-1	1,1
46	2,2	TERMP	7,0823	46-1	2,2
46	0	TERMN	-9,7705	46-1	0
46	1,1	TERMN	-15,5087	46-1	1,1
46	2,2	TERMN	-21,247	46-1	2,2
46	0	GRADTP	-45,1959	46-1	0
46	1,1	GRADTP	-54,8161	46-1	1,1
46	2,2	GRADTP	-64,4364	46-1	2,2
46	0	GRADTN	45,1959	46-1	0
46	1,1	GRADTN	54,8161	46-1	1,1
46	2,2	GRADTN	64,4364	46-1	2,2
46	0	LM71C	137,7775	46-1	0
46	1,1	LM71C	144,1738	46-1	1,1
46	2,2	LM71C	150,57	46-1	2,2
46	0	LM71SX	136,1207	46-1	0
46	1,1	LM71SX	141,3917	46-1	1,1
46	2,2	LM71SX	146,6627	46-1	2,2
46	0	LM71DX	128,8616	46-1	0
46	1,1	LM71DX	134,1326	46-1	1,1
46	2,2	LM71DX	139,4036	46-1	2,2
46	0	STLM71	-89,1	46-1	0
46	1,1	STLM71	-86,1899	46-1	1,1
46	2,2	STLM71	-72,039	46-1	2,2
46	0	AVVLM71	-88,825	46-1	0
46	1,1	AVVLM71	-132,831	46-1	1,1
46	2,2	AVVLM71	-176,8371	46-1	2,2
46	0	SW2	128,4542	46-1	0
46	1,1	SW2	132,6021	46-1	1,1
46	2,2	SW2	136,7501	46-1	2,2
46	0	STSW2	-151,8249	46-1	0
46	1,1	STSW2	-146,8662	46-1	1,1
46	2,2	STSW2	-122,7532	46-1	2,2
46	0	INCRTER	-677,0258	46-1	0
46	1,1	INCRTER	-654,9137	46-1	1,1
46	2,2	INCRTER	-547,3877	46-1	2,2
46	0	LM71SISO	-28,9496	46-1	0
46	1,1	LM71SISO	-43,292	46-1	1,1
46	2,2	LM71SISO	-57,6343	46-1	2,2
46	0	SW2SISO	-25,2939	46-1	0
46	1,1	SW2SISO	-37,8251	46-1	1,1
46	2,2	SW2SISO	-50,3563	46-1	2,2
46	0	SISMAO	-232,9659	46-1	0
46	1,1	SISMAO	-319,5095	46-1	1,1
46	2,2	SISMAO	-398,5148	46-1	2,2
46	0	LM71SVA	-4,5625	46-1	0
46	1,1	LM71SVA	-4,7098	46-1	1,1
46	2,2	LM71SVA	-4,8572	46-1	2,2
46	0	SW2SVA	-3,9807	46-1	0
46	1,1	SW2SVA	-4,1092	46-1	1,1
46	2,2	SW2SVA	-4,2378	46-1	2,2
46	0	SISMAVA	-28,4231	46-1	0
46	1,1	SISMAVA	-25,6838	46-1	1,1
46	2,2	SISMAVA	-22,9445	46-1	2,2
46	0	LM71SVB	4,5625	46-1	0
46	1,1	LM71SVB	4,7098	46-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
46	2,2	LM71SVB	4,8572	46-1	2,2
46	0	SW2SVB	3,9807	46-1	0
46	1,1	SW2SVB	4,1092	46-1	1,1
46	2,2	SW2SVB	4,2378	46-1	2,2
46	0	SISMAVB	28,4231	46-1	0
46	1,1	SISMAVB	25,6838	46-1	1,1
46	2,2	SISMAVB	22,9445	46-1	2,2
47	0	PP	-89,2405	47-1	0
47	1,1	PP	-68,5617	47-1	1,1
47	2,2	PP	-47,8829	47-1	2,2
47	0	REINTSUP	-49,9731	47-1	0
47	1,1	REINTSUP	-51,5868	47-1	1,1
47	2,2	REINTSUP	-53,2005	47-1	2,2
47	0	BALLAST	-44,0939	47-1	0
47	1,1	BALLAST	-45,5178	47-1	1,1
47	2,2	BALLAST	-46,9416	47-1	2,2
47	0	STERRASX	-175,2476	47-1	0
47	1,1	STERRASX	-286,4143	47-1	1,1
47	2,2	STERRASX	-397,581	47-1	2,2
47	0	STERRADX	419,2179	47-1	0
47	1,1	STERRADX	365,6618	47-1	1,1
47	2,2	STERRADX	277,0168	47-1	2,2
47	0	TERMP	-3,2568	47-1	0
47	1,1	TERMP	-5,1696	47-1	1,1
47	2,2	TERMP	-7,0823	47-1	2,2
47	0	TERMN	9,7705	47-1	0
47	1,1	TERMN	15,5087	47-1	1,1
47	2,2	TERMN	21,247	47-1	2,2
47	0	GRADTP	45,1959	47-1	0
47	1,1	GRADTP	54,8161	47-1	1,1
47	2,2	GRADTP	64,4364	47-1	2,2
47	0	GRADTN	-45,1959	47-1	0
47	1,1	GRADTN	-54,8161	47-1	1,1
47	2,2	GRADTN	-64,4364	47-1	2,2
47	0	LM71C	-137,7775	47-1	0
47	1,1	LM71C	-144,1738	47-1	1,1
47	2,2	LM71C	-150,57	47-1	2,2
47	0	LM71SX	-128,8616	47-1	0
47	1,1	LM71SX	-134,1326	47-1	1,1
47	2,2	LM71SX	-139,4036	47-1	2,2
47	0	LM71DX	-136,1207	47-1	0
47	1,1	LM71DX	-141,3917	47-1	1,1
47	2,2	LM71DX	-146,6627	47-1	2,2
47	0	STLM71	-41,1218	47-1	0
47	1,1	STLM71	-65,4917	47-1	1,1
47	2,2	STLM71	-89,8617	47-1	2,2
47	0	AVVLM71	-88,825	47-1	0
47	1,1	AVVLM71	-132,831	47-1	1,1
47	2,2	AVVLM71	-176,8371	47-1	2,2
47	0	SW2	-128,4542	47-1	0
47	1,1	SW2	-132,6021	47-1	1,1
47	2,2	SW2	-136,7501	47-1	2,2
47	0	STSW2	-70,0708	47-1	0
47	1,1	STSW2	-111,5968	47-1	1,1
47	2,2	STSW2	-153,1228	47-1	2,2
47	0	INCRTER	-312,4636	47-1	0
47	1,1	INCRTER	-497,6385	47-1	1,1
47	2,2	INCRTER	-682,8135	47-1	2,2
47	0	LM71SISO	-28,9496	47-1	0
47	1,1	LM71SISO	-43,292	47-1	1,1
47	2,2	LM71SISO	-57,6343	47-1	2,2
47	0	SW2SISO	-25,2939	47-1	0
47	1,1	SW2SISO	-37,8251	47-1	1,1
47	2,2	SW2SISO	-50,3563	47-1	2,2
47	0	SISMAO	-232,9659	47-1	0
47	1,1	SISMAO	-319,5095	47-1	1,1
47	2,2	SISMAO	-398,5148	47-1	2,2
47	0	LM71SVA	4,5625	47-1	0
47	1,1	LM71SVA	4,7098	47-1	1,1
47	2,2	LM71SVA	4,8572	47-1	2,2
47	0	SW2SVA	3,9807	47-1	0
47	1,1	SW2SVA	4,1092	47-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
47	2,2	SW2SVA	4,2378	47-1	2,2
47	0	SISMAVA	28,4231	47-1	0
47	1,1	SISMAVA	25,6838	47-1	1,1
47	2,2	SISMAVA	22,9445	47-1	2,2
47	0	LM71SVB	-4,5625	47-1	0
47	1,1	LM71SVB	-4,7098	47-1	1,1
47	2,2	LM71SVB	-4,8572	47-1	2,2
47	0	SW2SVB	-3,9807	47-1	0
47	1,1	SW2SVB	-4,1092	47-1	1,1
47	2,2	SW2SVB	-4,2378	47-1	2,2
47	0	SISMAVB	-28,4231	47-1	0
47	1,1	SISMAVB	-25,6838	47-1	1,1
47	2,2	SISMAVB	-22,9445	47-1	2,2
48	0	PP	47,8829	48-1	0
48	0,1125	PP	45,768	48-1	0,1125
48	0,225	PP	43,6531	48-1	0,225
48	0	REINTSUP	53,2005	48-1	0
48	0,1125	REINTSUP	53,3655	48-1	0,1125
48	0,225	REINTSUP	53,5306	48-1	0,225
48	0	BALLAST	46,9416	48-1	0
48	0,1125	BALLAST	47,0872	48-1	0,1125
48	0,225	BALLAST	47,2329	48-1	0,225
48	0	STERRASX	-277,0168	48-1	0
48	0,1125	STERRASX	-266,4214	48-1	0,1125
48	0,225	STERRASX	-255,5898	48-1	0,225
48	0	STERRADX	397,581	48-1	0
48	0,1125	STERRADX	408,9503	48-1	0,1125
48	0,225	STERRADX	420,3196	48-1	0,225
48	0	TERMP	7,0823	48-1	0
48	0,1125	TERMP	7,2779	48-1	0,1125
48	0,225	TERMP	7,4736	48-1	0,225
48	0	TERMN	-21,247	48-1	0
48	0,1125	TERMN	-21,8338	48-1	0,1125
48	0,225	TERMN	-22,4207	48-1	0,225
48	0	GRADTP	-64,4364	48-1	0
48	0,1125	GRADTP	-65,4202	48-1	0,1125
48	0,225	GRADTP	-66,4041	48-1	0,225
48	0	GRADTN	64,4364	48-1	0
48	0,1125	GRADTN	65,4202	48-1	0,1125
48	0,225	GRADTN	66,4041	48-1	0,225
48	0	LM71C	150,57	48-1	0
48	0,1125	LM71C	151,2242	48-1	0,1125
48	0,225	LM71C	151,8783	48-1	0,225
48	0	LM71SX	146,6627	48-1	0
48	0,1125	LM71SX	147,2018	48-1	0,1125
48	0,225	LM71SX	147,7409	48-1	0,225
48	0	LM71DX	139,4036	48-1	0
48	0,1125	LM71DX	139,9427	48-1	0,1125
48	0,225	LM71DX	140,4818	48-1	0,225
48	0	STLM71	-72,039	48-1	0
48	0,1125	STLM71	-69,9581	48-1	0,1125
48	0,225	STLM71	-67,7597	48-1	0,225
48	0	AVVLM71	-176,8371	48-1	0
48	0,1125	AVVLM71	-181,3377	48-1	0,1125
48	0,225	AVVLM71	-185,8383	48-1	0,225
48	0	SW2	136,7501	48-1	0
48	0,1125	SW2	137,1743	48-1	0,1125
48	0,225	SW2	137,5985	48-1	0,225
48	0	STSW2	-122,7532	48-1	0
48	0,1125	STSW2	-119,2074	48-1	0,1125
48	0,225	STSW2	-115,4613	48-1	0,225
48	0	INCRTER	-547,3877	48-1	0
48	0,1125	INCRTER	-531,5763	48-1	0,1125
48	0,225	INCRTER	-514,8714	48-1	0,225
48	0	LM71SISO	-57,6343	48-1	0
48	0,1125	LM71SISO	-59,1012	48-1	0,1125
48	0,225	LM71SISO	-60,568	48-1	0,225
48	0	SW2SISO	-50,3563	48-1	0
48	0,1125	SW2SISO	-51,6379	48-1	0,1125
48	0,225	SW2SISO	-52,9195	48-1	0,225
48	0	SISMAO	-398,5148	48-1	0
48	0,1125	SISMAO	-406,1699	48-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
48	0,225	SISMAO	-413,7463	48-1	0,225
48	0	LM71SVA	-4,8572	48-1	0
48	0,1125	LM71SVA	-4,8722	48-1	0,1125
48	0,225	LM71SVA	-4,8873	48-1	0,225
48	0	SW2SVA	-4,2378	48-1	0
48	0,1125	SW2SVA	-4,2509	48-1	0,1125
48	0,225	SW2SVA	-4,2641	48-1	0,225
48	0	SISMAVA	-22,9445	48-1	0
48	0,1125	SISMAVA	-22,6644	48-1	0,1125
48	0,225	SISMAVA	-22,3842	48-1	0,225
48	0	LM71SVB	4,8572	48-1	0
48	0,1125	LM71SVB	4,8722	48-1	0,1125
48	0,225	LM71SVB	4,8873	48-1	0,225
48	0	SW2SVB	4,2378	48-1	0
48	0,1125	SW2SVB	4,2509	48-1	0,1125
48	0,225	SW2SVB	4,2641	48-1	0,225
48	0	SISMAVB	22,9445	48-1	0
48	0,1125	SISMAVB	22,6644	48-1	0,1125
48	0,225	SISMAVB	22,3842	48-1	0,225
49	0	PP	-47,8829	49-1	0
49	0,1125	PP	-45,768	49-1	0,1125
49	0,225	PP	-43,6531	49-1	0,225
49	0	REINTSUP	-53,2005	49-1	0
49	0,1125	REINTSUP	-53,3655	49-1	0,1125
49	0,225	REINTSUP	-53,5306	49-1	0,225
49	0	BALLAST	-46,9416	49-1	0
49	0,1125	BALLAST	-47,0872	49-1	0,1125
49	0,225	BALLAST	-47,2329	49-1	0,225
49	0	STERRASX	-397,581	49-1	0
49	0,1125	STERRASX	-408,9503	49-1	0,1125
49	0,225	STERRASX	-420,3196	49-1	0,225
49	0	STERRADX	277,0168	49-1	0
49	0,1125	STERRADX	266,4214	49-1	0,1125
49	0,225	STERRADX	255,5898	49-1	0,225
49	0	TERMP	-7,0823	49-1	0
49	0,1125	TERMP	-7,2779	49-1	0,1125
49	0,225	TERMP	-7,4736	49-1	0,225
49	0	TERMN	21,247	49-1	0
49	0,1125	TERMN	21,8338	49-1	0,1125
49	0,225	TERMN	22,4207	49-1	0,225
49	0	GRADTP	64,4364	49-1	0
49	0,1125	GRADTP	65,4202	49-1	0,1125
49	0,225	GRADTP	66,4041	49-1	0,225
49	0	GRADTN	-64,4364	49-1	0
49	0,1125	GRADTN	-65,4202	49-1	0,1125
49	0,225	GRADTN	-66,4041	49-1	0,225
49	0	LM71C	-150,57	49-1	0
49	0,1125	LM71C	-151,2242	49-1	0,1125
49	0,225	LM71C	-151,8783	49-1	0,225
49	0	LM71SX	-139,4036	49-1	0
49	0,1125	LM71SX	-139,9427	49-1	0,1125
49	0,225	LM71SX	-140,4818	49-1	0,225
49	0	LM71DX	-146,6627	49-1	0
49	0,1125	LM71DX	-147,2018	49-1	0,1125
49	0,225	LM71DX	-147,7409	49-1	0,225
49	0	STLM71	-89,8617	49-1	0
49	0,1125	STLM71	-92,3541	49-1	0,1125
49	0,225	STLM71	-94,8465	49-1	0,225
49	0	AVVLM71	-176,8371	49-1	0
49	0,1125	AVVLM71	-181,3377	49-1	0,1125
49	0,225	AVVLM71	-185,8383	49-1	0,225
49	0	SW2	-136,7501	49-1	0
49	0,1125	SW2	-137,1743	49-1	0,1125
49	0,225	SW2	-137,5985	49-1	0,225
49	0	STSW2	-153,1228	49-1	0
49	0,1125	STSW2	-157,3698	49-1	0,1125
49	0,225	STSW2	-161,6167	49-1	0,225
49	0	INCRTER	-682,8135	49-1	0
49	0,1125	INCRTER	-701,7519	49-1	0,1125
49	0,225	INCRTER	-720,6902	49-1	0,225
49	0	LM71SISO	-57,6343	49-1	0
49	0,1125	LM71SISO	-59,1012	49-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
49	0,225	LM71SISO	-60,568	49-1	0,225
49	0	SW2SISO	-50,3563	49-1	0
49	0,1125	SW2SISO	-51,6379	49-1	0,1125
49	0,225	SW2SISO	-52,9195	49-1	0,225
49	0	SISMAO	-398,5148	49-1	0
49	0,1125	SISMAO	-406,1699	49-1	0,1125
49	0,225	SISMAO	-413,7463	49-1	0,225
49	0	LM71SVA	4,8572	49-1	0
49	0,1125	LM71SVA	4,8722	49-1	0,1125
49	0,225	LM71SVA	4,8873	49-1	0,225
49	0	SW2SVA	4,2378	49-1	0
49	0,1125	SW2SVA	4,2509	49-1	0,1125
49	0,225	SW2SVA	4,2641	49-1	0,225
49	0	SISMAVA	22,9445	49-1	0
49	0,1125	SISMAVA	22,6644	49-1	0,1125
49	0,225	SISMAVA	22,3842	49-1	0,225
49	0	LM71SVB	-4,8572	49-1	0
49	0,1125	LM71SVB	-4,8722	49-1	0,1125
49	0,225	LM71SVB	-4,8873	49-1	0,225
49	0	SW2SVB	-4,2378	49-1	0
49	0,1125	SW2SVB	-4,2509	49-1	0,1125
49	0,225	SW2SVB	-4,2641	49-1	0,225
49	0	SISMAVB	-22,9445	49-1	0
49	0,1125	SISMAVB	-22,6644	49-1	0,1125
49	0,225	SISMAVB	-22,3842	49-1	0,225
50	0	PP	43,6531	50-1	0
50	0,1125	PP	41,5383	50-1	0,1125
50	0,225	PP	39,4234	50-1	0,225
50	0	REINTSUP	53,5306	50-1	0
50	0,1125	REINTSUP	53,6956	50-1	0,1125
50	0,225	REINTSUP	53,8606	50-1	0,225
50	0	BALLAST	47,2329	50-1	0
50	0,1125	BALLAST	47,3785	50-1	0,1125
50	0,225	BALLAST	47,5241	50-1	0,225
50	0	STERRASX	-255,5898	50-1	0
50	0,1125	STERRASX	-244,5342	50-1	0,1125
50	0,225	STERRASX	-233,2668	50-1	0,225
50	0	STERRADX	420,3196	50-1	0
50	0,1125	STERRADX	431,6889	50-1	0,1125
50	0,225	STERRADX	443,0582	50-1	0,225
50	0	TERMP	7,4736	50-1	0
50	0,1125	TERMP	7,6692	50-1	0,1125
50	0,225	TERMP	7,8648	50-1	0,225
50	0	TERMN	-22,4207	50-1	0
50	0,1125	TERMN	-23,0076	50-1	0,1125
50	0,225	TERMN	-23,5944	50-1	0,225
50	0	GRADTP	-66,4041	50-1	0
50	0,1125	GRADTP	-67,388	50-1	0,1125
50	0,225	GRADTP	-68,3719	50-1	0,225
50	0	GRADTN	66,4041	50-1	0
50	0,1125	GRADTN	67,388	50-1	0,1125
50	0,225	GRADTN	68,3719	50-1	0,225
50	0	LM71C	151,8783	50-1	0
50	0,1125	LM71C	152,5325	50-1	0,1125
50	0,225	LM71C	153,1867	50-1	0,225
50	0	LM71SX	147,7409	50-1	0
50	0,1125	LM71SX	148,28	50-1	0,1125
50	0,225	LM71SX	148,8191	50-1	0,225
50	0	LM71DX	140,4818	50-1	0
50	0,1125	LM71DX	141,0208	50-1	0,1125
50	0,225	LM71DX	141,5599	50-1	0,225
50	0	STLM71	-67,7597	50-1	0
50	0,1125	STLM71	-65,4437	50-1	0,1125
50	0,225	STLM71	-63,0101	50-1	0,225
50	0	AVVLM71	-185,8383	50-1	0
50	0,1125	AVVLM71	-190,3389	50-1	0,1125
50	0,225	AVVLM71	-194,8395	50-1	0,225
50	0	SW2	137,5985	50-1	0
50	0,1125	SW2	138,0227	50-1	0,1125
50	0,225	SW2	138,4469	50-1	0,225
50	0	STSW2	-115,4613	50-1	0
50	0,1125	STSW2	-111,5149	50-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
50	0,225	STSW2	-107,3681	50-1	0,225
50	0	INCRTER	-514,8714	50-1	0
50	0,1125	INCRTER	-497,2732	50-1	0,1125
50	0,225	INCRTER	-478,7815	50-1	0,225
50	0	LM71SISO	-60,568	50-1	0
50	0,1125	LM71SISO	-62,0348	50-1	0,1125
50	0,225	LM71SISO	-63,5017	50-1	0,225
50	0	SW2SISO	-52,9195	50-1	0
50	0,1125	SW2SISO	-54,2011	50-1	0,1125
50	0,225	SW2SISO	-55,4827	50-1	0,225
50	0	SISMAO	-413,7463	50-1	0
50	0,1125	SISMAO	-421,2438	50-1	0,1125
50	0,225	SISMAO	-428,6624	50-1	0,225
50	0	LM71SVA	-4,8873	50-1	0
50	0,1125	LM71SVA	-4,9024	50-1	0,1125
50	0,225	LM71SVA	-4,9174	50-1	0,225
50	0	SW2SVA	-4,2641	50-1	0
50	0,1125	SW2SVA	-4,2772	50-1	0,1125
50	0,225	SW2SVA	-4,2904	50-1	0,225
50	0	SISMAVA	-22,3842	50-1	0
50	0,1125	SISMAVA	-22,1041	50-1	0,1125
50	0,225	SISMAVA	-21,8239	50-1	0,225
50	0	LM71SVB	4,8873	50-1	0
50	0,1125	LM71SVB	4,9024	50-1	0,1125
50	0,225	LM71SVB	4,9174	50-1	0,225
50	0	SW2SVB	4,2641	50-1	0
50	0,1125	SW2SVB	4,2772	50-1	0,1125
50	0,225	SW2SVB	4,2904	50-1	0,225
50	0	SISMAVB	22,3842	50-1	0
50	0,1125	SISMAVB	22,1041	50-1	0,1125
50	0,225	SISMAVB	21,8239	50-1	0,225
51	0	PP	-43,6531	51-1	0
51	0,1125	PP	-41,5383	51-1	0,1125
51	0,225	PP	-39,4234	51-1	0,225
51	0	REINTSUP	-53,5306	51-1	0
51	0,1125	REINTSUP	-53,6956	51-1	0,1125
51	0,225	REINTSUP	-53,8606	51-1	0,225
51	0	BALLAST	-47,2329	51-1	0
51	0,1125	BALLAST	-47,3785	51-1	0,1125
51	0,225	BALLAST	-47,5241	51-1	0,225
51	0	STERRASX	-420,3196	51-1	0
51	0,1125	STERRASX	-431,6889	51-1	0,1125
51	0,225	STERRASX	-443,0582	51-1	0,225
51	0	STERRADX	255,5898	51-1	0
51	0,1125	STERRADX	244,5342	51-1	0,1125
51	0,225	STERRADX	233,2668	51-1	0,225
51	0	TERMP	-7,4736	51-1	0
51	0,1125	TERMP	-7,6692	51-1	0,1125
51	0,225	TERMP	-7,8648	51-1	0,225
51	0	TERMN	22,4207	51-1	0
51	0,1125	TERMN	23,0076	51-1	0,1125
51	0,225	TERMN	23,5944	51-1	0,225
51	0	GRADTP	66,4041	51-1	0
51	0,1125	GRADTP	67,388	51-1	0,1125
51	0,225	GRADTP	68,3719	51-1	0,225
51	0	GRADTN	-66,4041	51-1	0
51	0,1125	GRADTN	-67,388	51-1	0,1125
51	0,225	GRADTN	-68,3719	51-1	0,225
51	0	LM71C	-151,8783	51-1	0
51	0,1125	LM71C	-152,5325	51-1	0,1125
51	0,225	LM71C	-153,1867	51-1	0,225
51	0	LM71SX	-140,4818	51-1	0
51	0,1125	LM71SX	-141,0208	51-1	0,1125
51	0,225	LM71SX	-141,5599	51-1	0,225
51	0	LM71DX	-147,7409	51-1	0
51	0,1125	LM71DX	-148,28	51-1	0,1125
51	0,225	LM71DX	-148,8191	51-1	0,225
51	0	STLM71	-94,8465	51-1	0
51	0,1125	STLM71	-97,3389	51-1	0,1125
51	0,225	STLM71	-99,8312	51-1	0,225
51	0	AVVLM71	-185,8383	51-1	0
51	0,1125	AVVLM71	-190,3389	51-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
51	0,225	AVVLM71	-194,8395	51-1	0,225
51	0	SW2	-137,5985	51-1	0
51	0,1125	SW2	-138,0227	51-1	0,1125
51	0,225	SW2	-138,4469	51-1	0,225
51	0	STSW2	-161,6167	51-1	0
51	0,1125	STSW2	-165,8637	51-1	0,1125
51	0,225	STSW2	-170,1107	51-1	0,225
51	0	INCRTER	-720,6902	51-1	0
51	0,1125	INCRTER	-739,6286	51-1	0,1125
51	0,225	INCRTER	-758,5669	51-1	0,225
51	0	LM71SISO	-60,568	51-1	0
51	0,1125	LM71SISO	-62,0348	51-1	0,1125
51	0,225	LM71SISO	-63,5017	51-1	0,225
51	0	SW2SISO	-52,9195	51-1	0
51	0,1125	SW2SISO	-54,2011	51-1	0,1125
51	0,225	SW2SISO	-55,4827	51-1	0,225
51	0	SISMAO	-413,7463	51-1	0
51	0,1125	SISMAO	-421,2438	51-1	0,1125
51	0,225	SISMAO	-428,6624	51-1	0,225
51	0	LM71SVA	4,8873	51-1	0
51	0,1125	LM71SVA	4,9024	51-1	0,1125
51	0,225	LM71SVA	4,9174	51-1	0,225
51	0	SW2SVA	4,2641	51-1	0
51	0,1125	SW2SVA	4,2772	51-1	0,1125
51	0,225	SW2SVA	4,2904	51-1	0,225
51	0	SISMAVA	22,3842	51-1	0
51	0,1125	SISMAVA	22,1041	51-1	0,1125
51	0,225	SISMAVA	21,8239	51-1	0,225
51	0	LM71SVB	-4,8873	51-1	0
51	0,1125	LM71SVB	-4,9024	51-1	0,1125
51	0,225	LM71SVB	-4,9174	51-1	0,225
51	0	SW2SVB	-4,2641	51-1	0
51	0,1125	SW2SVB	-4,2772	51-1	0,1125
51	0,225	SW2SVB	-4,2904	51-1	0,225
51	0	SISMAVB	-22,3842	51-1	0
51	0,1125	SISMAVB	-22,1041	51-1	0,1125
51	0,225	SISMAVB	-21,8239	51-1	0,225
52	0	PP	-39,4234	52-1	0
52	0,225	PP	-17,4713	52-1	0,225
52	0	REINTSUP	-53,8606	52-1	0
52	0,225	REINTSUP	-37,9333	52-1	0,225
52	0	BALLAST	-47,5241	52-1	0
52	0,225	BALLAST	-33,4706	52-1	0,225
52	0	STERRASX	233,2668	52-1	0
52	0,225	STERRASX	216,1687	52-1	0,225
52	0	STERRADX	-443,0582	52-1	0
52	0,225	STERRADX	-425,9601	52-1	0,225
52	0	TERMP	-7,8648	52-1	0
52	0,225	TERMP	-7,8648	52-1	0,225
52	0	TERMN	23,5944	52-1	0
52	0,225	TERMN	23,5944	52-1	0,225
52	0	GRADTP	68,3719	52-1	0
52	0,225	GRADTP	68,3719	52-1	0,225
52	0	GRADTN	-68,3719	52-1	0
52	0,225	GRADTN	-68,3719	52-1	0,225
52	0	LM71C	-153,1867	52-1	0
52	0,225	LM71C	-112,2848	52-1	0,225
52	0	LM71SX	-148,8191	52-1	0
52	0,225	LM71SX	-103,5846	52-1	0,225
52	0	LM71DX	-141,5599	52-1	0
52	0,225	LM71DX	-105,5843	52-1	0,225
52	0	STLM71	63,0101	52-1	0
52	0,225	STLM71	58,8933	52-1	0,225
52	0	AVVLM71	194,8395	52-1	0
52	0,225	AVVLM71	184,9881	52-1	0,225
52	0	SW2	-138,4469	52-1	0
52	0,225	SW2	-97,5064	52-1	0,225
52	0	STSW2	107,3681	52-1	0
52	0,225	STSW2	100,3532	52-1	0,225
52	0	INCRTER	478,7815	52-1	0
52	0,225	INCRTER	447,5003	52-1	0,225
52	0	LM71SISO	63,5017	52-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
52	0,225	LM71SISO	60,2909	52-1	0,225
52	0	SW2SISO	55,4827	52-1	0
52	0,225	SW2SISO	52,6774	52-1	0,225
52	0	SISMAO	428,6624	52-1	0
52	0,225	SISMAO	406,9885	52-1	0,225
52	0	LM71SVA	4,9174	52-1	0
52	0,225	LM71SVA	3,4633	52-1	0,225
52	0	SW2SVA	4,2904	52-1	0
52	0,225	SW2SVA	3,0217	52-1	0,225
52	0	SISMAVA	21,8239	52-1	0
52	0,225	SISMAVA	13,7724	52-1	0,225
52	0	LM71SVB	-4,9174	52-1	0
52	0,225	LM71SVB	-3,4633	52-1	0,225
52	0	SW2SVB	-4,2904	52-1	0
52	0,225	SW2SVB	-3,0217	52-1	0,225
52	0	SISMAVB	-21,8239	52-1	0
52	0,225	SISMAVB	-13,7724	52-1	0,225
53	0	PP	-17,4713	53-1	0
53	0,225	PP	3,3421	53-1	0,225
53	0	REINTSUP	-37,9333	53-1	0
53	0,225	REINTSUP	-22,8322	53-1	0,225
53	0	BALLAST	-33,4706	53-1	0
53	0,225	BALLAST	-20,1461	53-1	0,225
53	0	STERRASX	216,1687	53-1	0
53	0,225	STERRASX	199,0706	53-1	0,225
53	0	STERRADX	-425,9601	53-1	0
53	0,225	STERRADX	-408,862	53-1	0,225
53	0	TERMP	-7,8648	53-1	0
53	0,225	TERMP	-7,8648	53-1	0,225
53	0	TERMN	23,5944	53-1	0
53	0,225	TERMN	23,5944	53-1	0,225
53	0	GRADTP	68,3719	53-1	0
53	0,225	GRADTP	68,3719	53-1	0,225
53	0	GRADTN	-68,3719	53-1	0
53	0,225	GRADTN	-68,3719	53-1	0,225
53	0	LM71C	-112,2848	53-1	0
53	0,225	LM71C	-72,6289	53-1	0,225
53	0	LM71SX	-103,5846	53-1	0
53	0,225	LM71SX	-60,7832	53-1	0,225
53	0	LM71DX	-105,5843	53-1	0
53	0,225	LM71DX	-70,8546	53-1	0,225
53	0	STLM71	58,8933	53-1	0
53	0,225	STLM71	54,7765	53-1	0,225
53	0	AVVLM71	184,9881	53-1	0
53	0,225	AVVLM71	175,1367	53-1	0,225
53	0	SW2	-97,5064	53-1	0
53	0,225	SW2	-58,6895	53-1	0,225
53	0	STSW2	100,3532	53-1	0
53	0,225	STSW2	93,3382	53-1	0,225
53	0	INCRTER	447,5003	53-1	0
53	0,225	INCRTER	416,219	53-1	0,225
53	0	LM71SISO	60,2909	53-1	0
53	0,225	LM71SISO	57,0801	53-1	0,225
53	0	SW2SISO	52,6774	53-1	0
53	0,225	SW2SISO	49,8721	53-1	0,225
53	0	SISMAO	406,9885	53-1	0
53	0,225	SISMAO	385,3145	53-1	0,225
53	0	LM71SVA	3,4633	53-1	0
53	0,225	LM71SVA	2,0846	53-1	0,225
53	0	SW2SVA	3,0217	53-1	0
53	0,225	SW2SVA	1,8187	53-1	0,225
53	0	SISMAVA	13,7724	53-1	0
53	0,225	SISMAVA	6,1386	53-1	0,225
53	0	LM71SVB	-3,4633	53-1	0
53	0,225	LM71SVB	-2,0846	53-1	0,225
53	0	SW2SVB	-3,0217	53-1	0
53	0,225	SW2SVB	-1,8187	53-1	0,225
53	0	SISMAVB	-13,7724	53-1	0
53	0,225	SISMAVB	-6,1386	53-1	0,225
54	0	PP	3,3421	54-1	0
54	0,4	PP	37,532	54-1	0,4
54	0,8	PP	68,123	54-1	0,8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
54	0	REINTSUP	-22,8322	54-1	0
54	0,4	REINTSUP	1,9742	54-1	0,4
54	0,8	REINTSUP	24,1694	54-1	0,8
54	0	BALLAST	-20,1461	54-1	0
54	0,4	BALLAST	1,7419	54-1	0,4
54	0,8	BALLAST	21,3259	54-1	0,8
54	0	STERRASX	199,0706	54-1	0
54	0,4	STERRASX	168,674	54-1	0,4
54	0,8	STERRASX	138,2773	54-1	0,8
54	0	STERRADX	-408,862	54-1	0
54	0,4	STERRADX	-378,4654	54-1	0,4
54	0,8	STERRADX	-348,0688	54-1	0,8
54	0	TERMP	-7,8648	54-1	0
54	0,4	TERMP	-7,8648	54-1	0,4
54	0,8	TERMP	-7,8648	54-1	0,8
54	0	TERMN	23,5944	54-1	0
54	0,4	TERMN	23,5944	54-1	0,4
54	0,8	TERMN	23,5944	54-1	0,8
54	0	GRADTP	68,3719	54-1	0
54	0,4	GRADTP	68,3719	54-1	0,4
54	0,8	GRADTP	68,3719	54-1	0,8
54	0	GRADTN	-68,3719	54-1	0
54	0,4	GRADTN	-68,3719	54-1	0,4
54	0,8	GRADTN	-68,3719	54-1	0,8
54	0	LM71C	-72,6289	54-1	0
54	0,4	LM71C	-5,2057	54-1	0,4
54	0,8	LM71C	58,2799	54-1	0,8
54	0	LM71SX	-60,7832	54-1	0
54	0,4	LM71SX	9,3007	54-1	0,4
54	0,8	LM71SX	71,695	54-1	0,8
54	0	LM71DX	-70,8546	54-1	0
54	0,4	LM71DX	-12,1891	54-1	0,4
54	0,8	LM71DX	42,5388	54-1	0,8
54	0	STLM71	54,7765	54-1	0
54	0,4	STLM71	47,4578	54-1	0,4
54	0,8	STLM71	40,1391	54-1	0,8
54	0	AVVLM71	175,1367	54-1	0
54	0,4	AVVLM71	157,623	54-1	0,4
54	0,8	AVVLM71	140,1093	54-1	0,8
54	0	SW2	-58,6895	54-1	0
54	0,4	SW2	5,0745	54-1	0,4
54	0,8	SW2	62,1265	54-1	0,8
54	0	STSW2	93,3382	54-1	0
54	0,4	STSW2	80,8673	54-1	0,4
54	0,8	STSW2	68,3963	54-1	0,8
54	0	INCRTER	416,219	54-1	0
54	0,4	INCRTER	360,6078	54-1	0,4
54	0,8	INCRTER	304,9966	54-1	0,8
54	0	LM71SISO	57,0801	54-1	0
54	0,4	LM71SISO	51,3721	54-1	0,4
54	0,8	LM71SISO	45,6641	54-1	0,8
54	0	SW2SISO	49,8721	54-1	0
54	0,4	SW2SISO	44,8849	54-1	0,4
54	0,8	SW2SISO	39,8977	54-1	0,8
54	0	SISMAO	385,3145	54-1	0
54	0,4	SISMAO	346,7831	54-1	0,4
54	0,8	SISMAO	308,2516	54-1	0,8
54	0	LM71SVA	2,0846	54-1	0
54	0,4	LM71SVA	-0,1802	54-1	0,4
54	0,8	LM71SVA	-2,2066	54-1	0,8
54	0	SW2SVA	1,8187	54-1	0
54	0,4	SW2SVA	-0,1573	54-1	0,4
54	0,8	SW2SVA	-1,9253	54-1	0,8
54	0	SISMAVA	6,1386	54-1	0
54	0,4	SISMAVA	-6,4014	54-1	0,4
54	0,8	SISMAVA	-17,6214	54-1	0,8
54	0	LM71SVB	-2,0846	54-1	0
54	0,4	LM71SVB	0,1802	54-1	0,4
54	0,8	LM71SVB	2,2066	54-1	0,8
54	0	SW2SVB	-1,8187	54-1	0
54	0,4	SW2SVB	0,1573	54-1	0,4
54	0,8	SW2SVB	1,9253	54-1	0,8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
54	0	SISMAVB	-6,1386	54-1	0
54	0,4	SISMAVB	6,4014	54-1	0,4
54	0,8	SISMAVB	17,6214	54-1	0,8
55	0	PP	68,123	55-1	0
55	0,41667	PP	96,1616	55-1	0,41667
55	0,83333	PP	120,2951	55-1	0,83333
55	1,25	PP	140,5235	55-1	1,25
55	0	REINTSUP	24,1694	55-1	0
55	0,41667	REINTSUP	44,5127	55-1	0,41667
55	0,83333	REINTSUP	62,0227	55-1	0,83333
55	1,25	REINTSUP	76,6994	55-1	1,25
55	0	BALLAST	21,3259	55-1	0
55	0,41667	BALLAST	39,2759	55-1	0,41667
55	0,83333	BALLAST	54,7259	55-1	0,83333
55	1,25	BALLAST	67,6759	55-1	1,25
55	0	STERRASX	138,2773	55-1	0
55	0,41667	STERRASX	106,6142	55-1	0,41667
55	0,83333	STERRASX	74,951	55-1	0,83333
55	1,25	STERRASX	43,2879	55-1	1,25
55	0	STERRADX	-348,0688	55-1	0
55	0,41667	STERRADX	-316,4056	55-1	0,41667
55	0,83333	STERRADX	-284,7425	55-1	0,83333
55	1,25	STERRADX	-253,0793	55-1	1,25
55	0	TERMP	-7,8648	55-1	0
55	0,41667	TERMP	-7,8648	55-1	0,41667
55	0,83333	TERMP	-7,8648	55-1	0,83333
55	1,25	TERMP	-7,8648	55-1	1,25
55	0	TERMN	23,5944	55-1	0
55	0,41667	TERMN	23,5944	55-1	0,41667
55	0,83333	TERMN	23,5944	55-1	0,83333
55	1,25	TERMN	23,5944	55-1	1,25
55	0	GRADTP	68,3719	55-1	0
55	0,41667	GRADTP	68,3719	55-1	0,41667
55	0,83333	GRADTP	68,3719	55-1	0,83333
55	1,25	GRADTP	68,3719	55-1	1,25
55	0	GRADTN	-68,3719	55-1	0
55	0,41667	GRADTN	-68,3719	55-1	0,41667
55	0,83333	GRADTN	-68,3719	55-1	0,83333
55	1,25	GRADTN	-68,3719	55-1	1,25
55	0	LM71C	58,2799	55-1	0
55	0,41667	LM71C	118,188	55-1	0,41667
55	0,83333	LM71C	169,7524	55-1	0,83333
55	1,25	LM71C	212,973	55-1	1,25
55	0	LM71SX	71,695	55-1	0
55	0,41667	LM71SX	128,5122	55-1	0,41667
55	0,83333	LM71SX	176,9857	55-1	0,83333
55	1,25	LM71SX	217,1154	55-1	1,25
55	0	LM71DX	42,5388	55-1	0
55	0,41667	LM71DX	95,3599	55-1	0,41667
55	0,83333	LM71DX	143,9084	55-1	0,83333
55	1,25	LM71DX	188,1844	55-1	1,25
55	0	STLM71	40,1391	55-1	0
55	0,41667	STLM71	32,5154	55-1	0,41667
55	0,83333	STLM71	24,8918	55-1	0,83333
55	1,25	STLM71	17,2681	55-1	1,25
55	0	AVVLM71	140,1093	55-1	0
55	0,41667	AVVLM71	121,8659	55-1	0,41667
55	0,83333	AVVLM71	103,6225	55-1	0,83333
55	1,25	AVVLM71	85,3791	55-1	1,25
55	0	SW2	62,1265	55-1	0
55	0,41667	SW2	114,4183	55-1	0,41667
55	0,83333	SW2	159,4272	55-1	0,83333
55	1,25	SW2	197,1531	55-1	1,25
55	0	STSW2	68,3963	55-1	0
55	0,41667	STSW2	55,4058	55-1	0,41667
55	0,83333	STSW2	42,4152	55-1	0,83333
55	1,25	STSW2	29,4246	55-1	1,25
55	0	INCRTER	304,9966	55-1	0
55	0,41667	INCRTER	247,0683	55-1	0,41667
55	0,83333	INCRTER	189,14	55-1	0,83333
55	1,25	INCRTER	131,2117	55-1	1,25
55	0	LM71SISO	45,6641	55-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
55	0,41667	LM71SISO	39,7183	55-1	0,41667
55	0,83333	LM71SISO	33,7724	55-1	0,83333
55	1,25	LM71SISO	27,8266	55-1	1,25
55	0	SW2SISO	39,8977	55-1	0
55	0,41667	SW2SISO	34,7026	55-1	0,41667
55	0,83333	SW2SISO	29,5076	55-1	0,83333
55	1,25	SW2SISO	24,3126	55-1	1,25
55	0	SISMAO	308,2516	55-1	0
55	0,41667	SISMAO	268,1147	55-1	0,41667
55	0,83333	SISMAO	227,9778	55-1	0,83333
55	1,25	SISMAO	187,8408	55-1	1,25
55	0	LM71SVA	-2,2066	55-1	0
55	0,41667	LM71SVA	-4,064	55-1	0,41667
55	0,83333	LM71SVA	-5,6626	55-1	0,83333
55	1,25	LM71SVA	-7,0026	55-1	1,25
55	0	SW2SVA	-1,9253	55-1	0
55	0,41667	SW2SVA	-3,5457	55-1	0,41667
55	0,83333	SW2SVA	-4,9405	55-1	0,83333
55	1,25	SW2SVA	-6,1096	55-1	1,25
55	0	SISMAVA	-17,6214	55-1	0
55	0,41667	SISMAVA	-27,9053	55-1	0,41667
55	0,83333	SISMAVA	-36,7568	55-1	0,83333
55	1,25	SISMAVA	-44,1761	55-1	1,25
55	0	LM71SVB	2,2066	55-1	0
55	0,41667	LM71SVB	4,064	55-1	0,41667
55	0,83333	LM71SVB	5,6626	55-1	0,83333
55	1,25	LM71SVB	7,0026	55-1	1,25
55	0	SW2SVB	1,9253	55-1	0
55	0,41667	SW2SVB	3,5457	55-1	0,41667
55	0,83333	SW2SVB	4,9405	55-1	0,83333
55	1,25	SW2SVB	6,1096	55-1	1,25
55	0	SISMAVB	17,6214	55-1	0
55	0,41667	SISMAVB	27,9053	55-1	0,41667
55	0,83333	SISMAVB	36,7568	55-1	0,83333
55	1,25	SISMAVB	44,1761	55-1	1,25
56	0	PP	140,5235	56-1	0
56	0,4875	PP	159,2334	56-1	0,4875
56	0,975	PP	172,5976	56-1	0,975
56	1,4625	PP	180,6161	56-1	1,4625
56	1,95	PP	183,289	56-1	1,95
56	2,4375	PP	180,6161	56-1	2,4375
56	2,925	PP	172,5976	56-1	2,925
56	3,4125	PP	159,2334	56-1	3,4125
56	3,9	PP	140,5235	56-1	3,9
56	0	REINTSUP	76,6994	56-1	0
56	0,4875	REINTSUP	90,2743	56-1	0,4875
56	0,975	REINTSUP	99,9707	56-1	0,975
56	1,4625	REINTSUP	105,7885	56-1	1,4625
56	1,95	REINTSUP	107,7278	56-1	1,95
56	2,4375	REINTSUP	105,7885	56-1	2,4375
56	2,925	REINTSUP	99,9707	56-1	2,925
56	3,4125	REINTSUP	90,2743	56-1	3,4125
56	3,9	REINTSUP	76,6994	56-1	3,9
56	0	BALLAST	67,6759	56-1	0
56	0,4875	BALLAST	79,6538	56-1	0,4875
56	0,975	BALLAST	88,2094	56-1	0,975
56	1,4625	BALLAST	93,3428	56-1	1,4625
56	1,95	BALLAST	95,0539	56-1	1,95
56	2,4375	BALLAST	93,3428	56-1	2,4375
56	2,925	BALLAST	88,2094	56-1	2,925
56	3,4125	BALLAST	79,6538	56-1	3,4125
56	3,9	BALLAST	67,6759	56-1	3,9
56	0	STERRASX	43,2879	56-1	0
56	0,4875	STERRASX	6,242	56-1	0,4875
56	0,975	STERRASX	-30,8039	56-1	0,975
56	1,4625	STERRASX	-67,8498	56-1	1,4625
56	1,95	STERRASX	-104,8957	56-1	1,95
56	2,4375	STERRASX	-141,9416	56-1	2,4375
56	2,925	STERRASX	-178,9875	56-1	2,925
56	3,4125	STERRASX	-216,0334	56-1	3,4125
56	3,9	STERRASX	-253,0793	56-1	3,9
56	0	STERRADX	-253,0793	56-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0,4875	STERRADX	-216,0334	56-1	0,4875
56	0,975	STERRADX	-178,9875	56-1	0,975
56	1,4625	STERRADX	-141,9416	56-1	1,4625
56	1,95	STERRADX	-104,8957	56-1	1,95
56	2,4375	STERRADX	-67,8498	56-1	2,4375
56	2,925	STERRADX	-30,8039	56-1	2,925
56	3,4125	STERRADX	6,242	56-1	3,4125
56	3,9	STERRADX	43,2879	56-1	3,9
56	0	TERMP	-7,8648	56-1	0
56	0,4875	TERMP	-7,8648	56-1	0,4875
56	0,975	TERMP	-7,8648	56-1	0,975
56	1,4625	TERMP	-7,8648	56-1	1,4625
56	1,95	TERMP	-7,8648	56-1	1,95
56	2,4375	TERMP	-7,8648	56-1	2,4375
56	2,925	TERMP	-7,8648	56-1	2,925
56	3,4125	TERMP	-7,8648	56-1	3,4125
56	3,9	TERMP	-7,8648	56-1	3,9
56	0	TERMN	23,5944	56-1	0
56	0,4875	TERMN	23,5944	56-1	0,4875
56	0,975	TERMN	23,5944	56-1	0,975
56	1,4625	TERMN	23,5944	56-1	1,4625
56	1,95	TERMN	23,5944	56-1	1,95
56	2,4375	TERMN	23,5944	56-1	2,4375
56	2,925	TERMN	23,5944	56-1	2,925
56	3,4125	TERMN	23,5944	56-1	3,4125
56	3,9	TERMN	23,5944	56-1	3,9
56	0	GRADTP	68,3719	56-1	0
56	0,4875	GRADTP	68,3719	56-1	0,4875
56	0,975	GRADTP	68,3719	56-1	0,975
56	1,4625	GRADTP	68,3719	56-1	1,4625
56	1,95	GRADTP	68,3719	56-1	1,95
56	2,4375	GRADTP	68,3719	56-1	2,4375
56	2,925	GRADTP	68,3719	56-1	2,925
56	3,4125	GRADTP	68,3719	56-1	3,4125
56	3,9	GRADTP	68,3719	56-1	3,9
56	0	GRADTN	-68,3719	56-1	0
56	0,4875	GRADTN	-68,3719	56-1	0,4875
56	0,975	GRADTN	-68,3719	56-1	0,975
56	1,4625	GRADTN	-68,3719	56-1	1,4625
56	1,95	GRADTN	-68,3719	56-1	1,95
56	2,4375	GRADTN	-68,3719	56-1	2,4375
56	2,925	GRADTN	-68,3719	56-1	2,925
56	3,4125	GRADTN	-68,3719	56-1	3,4125
56	3,9	GRADTN	-68,3719	56-1	3,9
56	0	LM71C	212,973	56-1	0
56	0,4875	LM71C	252,9492	56-1	0,4875
56	0,975	LM71C	281,5036	56-1	0,975
56	1,4625	LM71C	298,6362	56-1	1,4625
56	1,95	LM71C	304,3471	56-1	1,95
56	2,4375	LM71C	298,6362	56-1	2,4375
56	2,925	LM71C	281,5036	56-1	2,925
56	3,4125	LM71C	252,9492	56-1	3,4125
56	3,9	LM71C	212,973	56-1	3,9
56	0	LM71SX	217,1154	56-1	0
56	0,4875	LM71SX	253,4752	56-1	0,4875
56	0,975	LM71SX	278,4132	56-1	0,975
56	1,4625	LM71SX	291,9295	56-1	1,4625
56	1,95	LM71SX	294,024	56-1	1,95
56	2,4375	LM71SX	284,6967	56-1	2,4375
56	2,925	LM71SX	263,9477	56-1	2,925
56	3,4125	LM71SX	231,7769	56-1	3,4125
56	3,9	LM71SX	188,1844	56-1	3,9
56	0	LM71DX	188,1844	56-1	0
56	0,4875	LM71DX	231,7769	56-1	0,4875
56	0,975	LM71DX	263,9477	56-1	0,975
56	1,4625	LM71DX	284,6967	56-1	1,4625
56	1,95	LM71DX	294,024	56-1	1,95
56	2,4375	LM71DX	291,9295	56-1	2,4375
56	2,925	LM71DX	278,4132	56-1	2,925
56	3,4125	LM71DX	253,4752	56-1	3,4125
56	3,9	LM71DX	217,1154	56-1	3,9
56	0	STLM71	17,2681	56-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0,4875	STLM71	8,3484	56-1	0,4875
56	0,975	STLM71	-0,5712	56-1	0,975
56	1,4625	STLM71	-9,4909	56-1	1,4625
56	1,95	STLM71	-18,4106	56-1	1,95
56	2,4375	STLM71	-27,3303	56-1	2,4375
56	2,925	STLM71	-36,2499	56-1	2,925
56	3,4125	STLM71	-45,1696	56-1	3,4125
56	3,9	STLM71	-54,0893	56-1	3,9
56	0	AVVLM71	85,3791	56-1	0
56	0,4875	AVVLM71	64,0343	56-1	0,4875
56	0,975	AVVLM71	42,6896	56-1	0,975
56	1,4625	AVVLM71	21,3448	56-1	1,4625
56	1,95	AVVLM71	-4,847E-11	56-1	1,95
56	2,4375	AVVLM71	-21,3448	56-1	2,4375
56	2,925	AVVLM71	-42,6896	56-1	2,925
56	3,4125	AVVLM71	-64,0343	56-1	3,4125
56	3,9	AVVLM71	-85,3791	56-1	3,9
56	0	SW2	197,1531	56-1	0
56	0,4875	SW2	232,0469	56-1	0,4875
56	0,975	SW2	256,9711	56-1	0,975
56	1,4625	SW2	271,9256	56-1	1,4625
56	1,95	SW2	276,9105	56-1	1,95
56	2,4375	SW2	271,9256	56-1	2,4375
56	2,925	SW2	256,9711	56-1	2,925
56	3,4125	SW2	232,0469	56-1	3,4125
56	3,9	SW2	197,1531	56-1	3,9
56	0	STSW2	29,4246	56-1	0
56	0,4875	STSW2	14,2256	56-1	0,4875
56	0,975	STSW2	-0,9734	56-1	0,975
56	1,4625	STSW2	-16,1723	56-1	1,4625
56	1,95	STSW2	-31,3713	56-1	1,95
56	2,4375	STSW2	-46,5703	56-1	2,4375
56	2,925	STSW2	-61,7693	56-1	2,925
56	3,4125	STSW2	-76,9682	56-1	3,4125
56	3,9	STSW2	-92,1672	56-1	3,9
56	0	INCRTER	131,2117	56-1	0
56	0,4875	INCRTER	63,4356	56-1	0,4875
56	0,975	INCRTER	-4,3405	56-1	0,975
56	1,4625	INCRTER	-72,1166	56-1	1,4625
56	1,95	INCRTER	-139,8927	56-1	1,95
56	2,4375	INCRTER	-207,6688	56-1	2,4375
56	2,925	INCRTER	-275,4449	56-1	2,925
56	3,4125	INCRTER	-343,221	56-1	3,4125
56	3,9	INCRTER	-410,9971	56-1	3,9
56	0	LM71SISO	27,8266	56-1	0
56	0,4875	LM71SISO	20,8699	56-1	0,4875
56	0,975	LM71SISO	13,9133	56-1	0,975
56	1,4625	LM71SISO	6,9566	56-1	1,4625
56	1,95	LM71SISO	-1,555E-11	56-1	1,95
56	2,4375	LM71SISO	-6,9566	56-1	2,4375
56	2,925	LM71SISO	-13,9133	56-1	2,925
56	3,4125	LM71SISO	-20,8699	56-1	3,4125
56	3,9	LM71SISO	-27,8266	56-1	3,9
56	0	SW2SISO	24,3126	56-1	0
56	0,4875	SW2SISO	18,2345	56-1	0,4875
56	0,975	SW2SISO	12,1563	56-1	0,975
56	1,4625	SW2SISO	6,0782	56-1	1,4625
56	1,95	SW2SISO	-1,374E-11	56-1	1,95
56	2,4375	SW2SISO	-6,0782	56-1	2,4375
56	2,925	SW2SISO	-12,1563	56-1	2,925
56	3,4125	SW2SISO	-18,2345	56-1	3,4125
56	3,9	SW2SISO	-24,3126	56-1	3,9
56	0	SISMAO	187,8408	56-1	0
56	0,4875	SISMAO	140,8806	56-1	0,4875
56	0,975	SISMAO	93,9204	56-1	0,975
56	1,4625	SISMAO	46,9602	56-1	1,4625
56	1,95	SISMAO	-1,286E-10	56-1	1,95
56	2,4375	SISMAO	-46,9602	56-1	2,4375
56	2,925	SISMAO	-93,9204	56-1	2,925
56	3,4125	SISMAO	-140,8806	56-1	3,4125
56	3,9	SISMAO	-187,8408	56-1	3,9
56	0	LM71SVA	-7,0026	56-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0,4875	LM71SVA	-8,242	56-1	0,4875
56	0,975	LM71SVA	-9,1272	56-1	0,975
56	1,4625	LM71SVA	-9,6584	56-1	1,4625
56	1,95	LM71SVA	-9,8354	56-1	1,95
56	2,4375	LM71SVA	-9,6584	56-1	2,4375
56	2,925	LM71SVA	-9,1272	56-1	2,925
56	3,4125	LM71SVA	-8,242	56-1	3,4125
56	3,9	LM71SVA	-7,0026	56-1	3,9
56	0	SW2SVA	-6,1096	56-1	0
56	0,4875	SW2SVA	-7,191	56-1	0,4875
56	0,975	SW2SVA	-7,9633	56-1	0,975
56	1,4625	SW2SVA	-8,4268	56-1	1,4625
56	1,95	SW2SVA	-8,5813	56-1	1,95
56	2,4375	SW2SVA	-8,4268	56-1	2,4375
56	2,925	SW2SVA	-7,9633	56-1	2,925
56	3,4125	SW2SVA	-7,191	56-1	3,4125
56	3,9	SW2SVA	-6,1096	56-1	3,9
56	0	SISMAVA	-44,1761	56-1	0
56	0,4875	SISMAVA	-51,0384	56-1	0,4875
56	0,975	SISMAVA	-55,9401	56-1	0,975
56	1,4625	SISMAVA	-58,8811	56-1	1,4625
56	1,95	SISMAVA	-59,8614	56-1	1,95
56	2,4375	SISMAVA	-58,8811	56-1	2,4375
56	2,925	SISMAVA	-55,9401	56-1	2,925
56	3,4125	SISMAVA	-51,0384	56-1	3,4125
56	3,9	SISMAVA	-44,1761	56-1	3,9
56	0	LM71SVB	7,0026	56-1	0
56	0,4875	LM71SVB	8,242	56-1	0,4875
56	0,975	LM71SVB	9,1272	56-1	0,975
56	1,4625	LM71SVB	9,6584	56-1	1,4625
56	1,95	LM71SVB	9,8354	56-1	1,95
56	2,4375	LM71SVB	9,6584	56-1	2,4375
56	2,925	LM71SVB	9,1272	56-1	2,925
56	3,4125	LM71SVB	8,242	56-1	3,4125
56	3,9	LM71SVB	7,0026	56-1	3,9
56	0	SW2SVB	6,1096	56-1	0
56	0,4875	SW2SVB	7,191	56-1	0,4875
56	0,975	SW2SVB	7,9633	56-1	0,975
56	1,4625	SW2SVB	8,4268	56-1	1,4625
56	1,95	SW2SVB	8,5813	56-1	1,95
56	2,4375	SW2SVB	8,4268	56-1	2,4375
56	2,925	SW2SVB	7,9633	56-1	2,925
56	3,4125	SW2SVB	7,191	56-1	3,4125
56	3,9	SW2SVB	6,1096	56-1	3,9
56	0	SISMAVB	44,1761	56-1	0
56	0,4875	SISMAVB	51,0384	56-1	0,4875
56	0,975	SISMAVB	55,9401	56-1	0,975
56	1,4625	SISMAVB	58,8811	56-1	1,4625
56	1,95	SISMAVB	59,8614	56-1	1,95
56	2,4375	SISMAVB	58,8811	56-1	2,4375
56	2,925	SISMAVB	55,9401	56-1	2,925
56	3,4125	SISMAVB	51,0384	56-1	3,4125
56	3,9	SISMAVB	44,1761	56-1	3,9
57	0	PP	140,5235	57-1	0
57	0,41667	PP	120,2951	57-1	0,41667
57	0,83333	PP	96,1616	57-1	0,83333
57	1,25	PP	68,123	57-1	1,25
57	0	REINTSUP	76,6994	57-1	0
57	0,41667	REINTSUP	62,0227	57-1	0,41667
57	0,83333	REINTSUP	44,5127	57-1	0,83333
57	1,25	REINTSUP	24,1694	57-1	1,25
57	0	BALLAST	67,6759	57-1	0
57	0,41667	BALLAST	54,7259	57-1	0,41667
57	0,83333	BALLAST	39,2759	57-1	0,83333
57	1,25	BALLAST	21,3259	57-1	1,25
57	0	STERRASX	-253,0793	57-1	0
57	0,41667	STERRASX	-284,7425	57-1	0,41667
57	0,83333	STERRASX	-316,4056	57-1	0,83333
57	1,25	STERRASX	-348,0688	57-1	1,25
57	0	STERRADX	43,2879	57-1	0
57	0,41667	STERRADX	74,951	57-1	0,41667
57	0,83333	STERRADX	106,6142	57-1	0,83333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
57	1,25	STERRADX	138,2773	57-1	1,25
57	0	TERMP	-7,8648	57-1	0
57	0,41667	TERMP	-7,8648	57-1	0,41667
57	0,83333	TERMP	-7,8648	57-1	0,83333
57	1,25	TERMP	-7,8648	57-1	1,25
57	0	TERMN	23,5944	57-1	0
57	0,41667	TERMN	23,5944	57-1	0,41667
57	0,83333	TERMN	23,5944	57-1	0,83333
57	1,25	TERMN	23,5944	57-1	1,25
57	0	GRADTP	68,3719	57-1	0
57	0,41667	GRADTP	68,3719	57-1	0,41667
57	0,83333	GRADTP	68,3719	57-1	0,83333
57	1,25	GRADTP	68,3719	57-1	1,25
57	0	GRADTN	-68,3719	57-1	0
57	0,41667	GRADTN	-68,3719	57-1	0,41667
57	0,83333	GRADTN	-68,3719	57-1	0,83333
57	1,25	GRADTN	-68,3719	57-1	1,25
57	0	LM71C	212,973	57-1	0
57	0,41667	LM71C	169,7524	57-1	0,41667
57	0,83333	LM71C	118,188	57-1	0,83333
57	1,25	LM71C	58,2799	57-1	1,25
57	0	LM71SX	188,1844	57-1	0
57	0,41667	LM71SX	143,9084	57-1	0,41667
57	0,83333	LM71SX	95,3599	57-1	0,83333
57	1,25	LM71SX	42,5388	57-1	1,25
57	0	LM71DX	217,1154	57-1	0
57	0,41667	LM71DX	176,9857	57-1	0,41667
57	0,83333	LM71DX	128,5122	57-1	0,83333
57	1,25	LM71DX	71,695	57-1	1,25
57	0	STLM71	-54,0893	57-1	0
57	0,41667	STLM71	-61,713	57-1	0,41667
57	0,83333	STLM71	-69,3366	57-1	0,83333
57	1,25	STLM71	-76,9603	57-1	1,25
57	0	AVVLM71	-85,3791	57-1	0
57	0,41667	AVVLM71	-103,6225	57-1	0,41667
57	0,83333	AVVLM71	-121,8659	57-1	0,83333
57	1,25	AVVLM71	-140,1093	57-1	1,25
57	0	SW2	197,1531	57-1	0
57	0,41667	SW2	159,4272	57-1	0,41667
57	0,83333	SW2	114,4183	57-1	0,83333
57	1,25	SW2	62,1265	57-1	1,25
57	0	STSW2	-92,1672	57-1	0
57	0,41667	STSW2	-105,1578	57-1	0,41667
57	0,83333	STSW2	-118,1484	57-1	0,83333
57	1,25	STSW2	-131,139	57-1	1,25
57	0	INCRTER	-410,9971	57-1	0
57	0,41667	INCRTER	-468,9254	57-1	0,41667
57	0,83333	INCRTER	-526,8537	57-1	0,83333
57	1,25	INCRTER	-584,782	57-1	1,25
57	0	LM71SISO	-27,8266	57-1	0
57	0,41667	LM71SISO	-33,7724	57-1	0,41667
57	0,83333	LM71SISO	-39,7183	57-1	0,83333
57	1,25	LM71SISO	-45,6641	57-1	1,25
57	0	SW2SISO	-24,3126	57-1	0
57	0,41667	SW2SISO	-29,5076	57-1	0,41667
57	0,83333	SW2SISO	-34,7026	57-1	0,83333
57	1,25	SW2SISO	-39,8977	57-1	1,25
57	0	SISMAO	-187,8408	57-1	0
57	0,41667	SISMAO	-227,9778	57-1	0,41667
57	0,83333	SISMAO	-268,1147	57-1	0,83333
57	1,25	SISMAO	-308,2516	57-1	1,25
57	0	LM71SVA	-7,0026	57-1	0
57	0,41667	LM71SVA	-5,6626	57-1	0,41667
57	0,83333	LM71SVA	-4,064	57-1	0,83333
57	1,25	LM71SVA	-2,2066	57-1	1,25
57	0	SW2SVA	-6,1096	57-1	0
57	0,41667	SW2SVA	-4,9405	57-1	0,41667
57	0,83333	SW2SVA	-3,5457	57-1	0,83333
57	1,25	SW2SVA	-1,9253	57-1	1,25
57	0	SISMAVA	-44,1761	57-1	0
57	0,41667	SISMAVA	-36,7568	57-1	0,41667
57	0,83333	SISMAVA	-27,9053	57-1	0,83333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
57	1,25	SISMAVA	-17,6214	57-1	1,25
57	0	LM71SVB	7,0026	57-1	0
57	0,41667	LM71SVB	5,6626	57-1	0,41667
57	0,83333	LM71SVB	4,064	57-1	0,83333
57	1,25	LM71SVB	2,2066	57-1	1,25
57	0	SW2SVB	6,1096	57-1	0
57	0,41667	SW2SVB	4,9405	57-1	0,41667
57	0,83333	SW2SVB	3,5457	57-1	0,83333
57	1,25	SW2SVB	1,9253	57-1	1,25
57	0	SISMAVB	44,1761	57-1	0
57	0,41667	SISMAVB	36,7568	57-1	0,41667
57	0,83333	SISMAVB	27,9053	57-1	0,83333
57	1,25	SISMAVB	17,6214	57-1	1,25
58	0	PP	68,123	58-1	0
58	0,4	PP	37,532	58-1	0,4
58	0,8	PP	3,3421	58-1	0,8
58	0	REINTSUP	24,1694	58-1	0
58	0,4	REINTSUP	1,9742	58-1	0,4
58	0,8	REINTSUP	-22,8322	58-1	0,8
58	0	BALLAST	21,3259	58-1	0
58	0,4	BALLAST	1,7419	58-1	0,4
58	0,8	BALLAST	-20,1461	58-1	0,8
58	0	STERRASX	-348,0688	58-1	0
58	0,4	STERRASX	-378,4654	58-1	0,4
58	0,8	STERRASX	-408,862	58-1	0,8
58	0	STERRADX	138,2773	58-1	0
58	0,4	STERRADX	168,674	58-1	0,4
58	0,8	STERRADX	199,0706	58-1	0,8
58	0	TERMP	-7,8648	58-1	0
58	0,4	TERMP	-7,8648	58-1	0,4
58	0,8	TERMP	-7,8648	58-1	0,8
58	0	TERMN	23,5944	58-1	0
58	0,4	TERMN	23,5944	58-1	0,4
58	0,8	TERMN	23,5944	58-1	0,8
58	0	GRADTP	68,3719	58-1	0
58	0,4	GRADTP	68,3719	58-1	0,4
58	0,8	GRADTP	68,3719	58-1	0,8
58	0	GRADTN	-68,3719	58-1	0
58	0,4	GRADTN	-68,3719	58-1	0,4
58	0,8	GRADTN	-68,3719	58-1	0,8
58	0	LM71C	58,2799	58-1	0
58	0,4	LM71C	-5,2057	58-1	0,4
58	0,8	LM71C	-72,6289	58-1	0,8
58	0	LM71SX	42,5388	58-1	0
58	0,4	LM71SX	-12,1891	58-1	0,4
58	0,8	LM71SX	-70,8546	58-1	0,8
58	0	LM71DX	71,695	58-1	0
58	0,4	LM71DX	9,3007	58-1	0,4
58	0,8	LM71DX	-60,7832	58-1	0,8
58	0	STLM71	-76,9603	58-1	0
58	0,4	STLM71	-84,279	58-1	0,4
58	0,8	STLM71	-91,5977	58-1	0,8
58	0	AVVLM71	-140,1093	58-1	0
58	0,4	AVVLM71	-157,623	58-1	0,4
58	0,8	AVVLM71	-175,1367	58-1	0,8
58	0	SW2	62,1265	58-1	0
58	0,4	SW2	5,0745	58-1	0,4
58	0,8	SW2	-58,6895	58-1	0,8
58	0	STSW2	-131,139	58-1	0
58	0,4	STSW2	-143,6099	58-1	0,4
58	0,8	STSW2	-156,0809	58-1	0,8
58	0	INCRTER	-584,782	58-1	0
58	0,4	INCRTER	-640,3932	58-1	0,4
58	0,8	INCRTER	-696,0044	58-1	0,8
58	0	LM71SISO	-45,6641	58-1	0
58	0,4	LM71SISO	-51,3721	58-1	0,4
58	0,8	LM71SISO	-57,0801	58-1	0,8
58	0	SW2SISO	-39,8977	58-1	0
58	0,4	SW2SISO	-44,8849	58-1	0,4
58	0,8	SW2SISO	-49,8721	58-1	0,8
58	0	SISMAO	-308,2516	58-1	0
58	0,4	SISMAO	-346,7831	58-1	0,4

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
58	0,8	SISMAO	-385,3145	58-1	0,8
58	0	LM71SVA	-2,2066	58-1	0
58	0,4	LM71SVA	-0,1802	58-1	0,4
58	0,8	LM71SVA	2,0846	58-1	0,8
58	0	SW2SVA	-1,9253	58-1	0
58	0,4	SW2SVA	-0,1573	58-1	0,4
58	0,8	SW2SVA	1,8187	58-1	0,8
58	0	SISMAVA	-17,6214	58-1	0
58	0,4	SISMAVA	-6,4014	58-1	0,4
58	0,8	SISMAVA	6,1386	58-1	0,8
58	0	LM71SVB	2,2066	58-1	0
58	0,4	LM71SVB	0,1802	58-1	0,4
58	0,8	LM71SVB	-2,0846	58-1	0,8
58	0	SW2SVB	1,9253	58-1	0
58	0,4	SW2SVB	0,1573	58-1	0,4
58	0,8	SW2SVB	-1,8187	58-1	0,8
58	0	SISMAVB	17,6214	58-1	0
58	0,4	SISMAVB	6,4014	58-1	0,4
58	0,8	SISMAVB	-6,1386	58-1	0,8
59	0	PP	3,3421	59-1	0
59	0,225	PP	-17,4713	59-1	0,225
59	0	REINTSUP	-22,8322	59-1	0
59	0,225	REINTSUP	-37,9333	59-1	0,225
59	0	BALLAST	-20,1461	59-1	0
59	0,225	BALLAST	-33,4706	59-1	0,225
59	0	STERRASX	-408,862	59-1	0
59	0,225	STERRASX	-425,9601	59-1	0,225
59	0	STERRADX	199,0706	59-1	0
59	0,225	STERRADX	216,1687	59-1	0,225
59	0	TERMP	-7,8648	59-1	0
59	0,225	TERMP	-7,8648	59-1	0,225
59	0	TERMN	23,5944	59-1	0
59	0,225	TERMN	23,5944	59-1	0,225
59	0	GRADTP	68,3719	59-1	0
59	0,225	GRADTP	68,3719	59-1	0,225
59	0	GRADTN	-68,3719	59-1	0
59	0,225	GRADTN	-68,3719	59-1	0,225
59	0	LM71C	-72,6289	59-1	0
59	0,225	LM71C	-112,2848	59-1	0,225
59	0	LM71SX	-70,8546	59-1	0
59	0,225	LM71SX	-105,5843	59-1	0,225
59	0	LM71DX	-60,7832	59-1	0
59	0,225	LM71DX	-103,5846	59-1	0,225
59	0	STLM71	-91,5977	59-1	0
59	0,225	STLM71	-95,7145	59-1	0,225
59	0	AVVLM71	-175,1367	59-1	0
59	0,225	AVVLM71	-184,9881	59-1	0,225
59	0	SW2	-58,6895	59-1	0
59	0,225	SW2	-97,5064	59-1	0,225
59	0	STSW2	-156,0809	59-1	0
59	0,225	STSW2	-163,0958	59-1	0,225
59	0	INCRTER	-696,0044	59-1	0
59	0,225	INCRTER	-727,2856	59-1	0,225
59	0	LM71SISO	-57,0801	59-1	0
59	0,225	LM71SISO	-60,2909	59-1	0,225
59	0	SW2SISO	-49,8721	59-1	0
59	0,225	SW2SISO	-52,6774	59-1	0,225
59	0	SISMAO	-385,3145	59-1	0
59	0,225	SISMAO	-406,9885	59-1	0,225
59	0	LM71SVA	2,0846	59-1	0
59	0,225	LM71SVA	3,4633	59-1	0,225
59	0	SW2SVA	1,8187	59-1	0
59	0,225	SW2SVA	3,0217	59-1	0,225
59	0	SISMAVA	6,1386	59-1	0
59	0,225	SISMAVA	13,7724	59-1	0,225
59	0	LM71SVB	-2,0846	59-1	0
59	0,225	LM71SVB	-3,4633	59-1	0,225
59	0	SW2SVB	-1,8187	59-1	0
59	0,225	SW2SVB	-3,0217	59-1	0,225
59	0	SISMAVB	-6,1386	59-1	0
59	0,225	SISMAVB	-13,7724	59-1	0,225
60	0	PP	-17,4713	60-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
60	0,225	PP	-39,4234	60-1	0,225
60	0	REINTSUP	-37,9333	60-1	0
60	0,225	REINTSUP	-53,8606	60-1	0,225
60	0	BALLAST	-33,4706	60-1	0
60	0,225	BALLAST	-47,5241	60-1	0,225
60	0	STERRASX	-425,9601	60-1	0
60	0,225	STERRASX	-443,0582	60-1	0,225
60	0	STERRADX	216,1687	60-1	0
60	0,225	STERRADX	233,2668	60-1	0,225
60	0	TERMP	-7,8648	60-1	0
60	0,225	TERMP	-7,8648	60-1	0,225
60	0	TERMN	23,5944	60-1	0
60	0,225	TERMN	23,5944	60-1	0,225
60	0	GRADTP	68,3719	60-1	0
60	0,225	GRADTP	68,3719	60-1	0,225
60	0	GRADTN	-68,3719	60-1	0
60	0,225	GRADTN	-68,3719	60-1	0,225
60	0	LM71C	-112,2848	60-1	0
60	0,225	LM71C	-153,1867	60-1	0,225
60	0	LM71SX	-105,5843	60-1	0
60	0,225	LM71SX	-141,5599	60-1	0,225
60	0	LM71DX	-103,5846	60-1	0
60	0,225	LM71DX	-148,8191	60-1	0,225
60	0	STLM71	-95,7145	60-1	0
60	0,225	STLM71	-99,8312	60-1	0,225
60	0	AVVLM71	-184,9881	60-1	0
60	0,225	AVVLM71	-194,8395	60-1	0,225
60	0	SW2	-97,5064	60-1	0
60	0,225	SW2	-138,4469	60-1	0,225
60	0	STSW2	-163,0958	60-1	0
60	0,225	STSW2	-170,1107	60-1	0,225
60	0	INCRTER	-727,2856	60-1	0
60	0,225	INCRTER	-758,5669	60-1	0,225
60	0	LM71SISO	-60,2909	60-1	0
60	0,225	LM71SISO	-63,5017	60-1	0,225
60	0	SW2SISO	-52,6774	60-1	0
60	0,225	SW2SISO	-55,4827	60-1	0,225
60	0	SISMAO	-406,9885	60-1	0
60	0,225	SISMAO	-428,6624	60-1	0,225
60	0	LM71SVA	3,4633	60-1	0
60	0,225	LM71SVA	4,9174	60-1	0,225
60	0	SW2SVA	3,0217	60-1	0
60	0,225	SW2SVA	4,2904	60-1	0,225
60	0	SISMAVA	13,7724	60-1	0
60	0,225	SISMAVA	21,8239	60-1	0,225
60	0	LM71SVB	-3,4633	60-1	0
60	0,225	LM71SVB	-4,9174	60-1	0,225
60	0	SW2SVB	-3,0217	60-1	0
60	0,225	SW2SVB	-4,2904	60-1	0,225
60	0	SISMAVB	-13,7724	60-1	0
60	0,225	SISMAVB	-21,8239	60-1	0,225

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
36	INCRTER	GLOBAL	Force	X	RelDist	0
36	SISMAO	GLOBAL	Force	X	RelDist	0
36	SISMAVA	GLOBAL	Force	Z	RelDist	0
36	SISMAVB	GLOBAL	Force	Z	RelDist	0
36	STERRASX	GLOBAL	Force	X	RelDist	0
36	STLM71	GLOBAL	Force	X	RelDist	0
36	STSW2	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	STERRADX	GLOBAL	Force	X	RelDist	0
38	INCRTER	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

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
38	STERRASX	GLOBAL	Force	X	RelDist	0
38	STLM71	GLOBAL	Force	X	RelDist	0
38	STSW2	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	STERRADX	GLOBAL	Force	X	RelDist	0
40	INCRTER	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	STERRASX	GLOBAL	Force	X	RelDist	0
40	STLM71	GLOBAL	Force	X	RelDist	0
40	STSW2	GLOBAL	Force	X	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0
41	SISMAVA	GLOBAL	Force	Z	RelDist	0
41	SISMAVB	GLOBAL	Force	Z	RelDist	0
41	STERRADX	GLOBAL	Force	X	RelDist	0
42	INCRTER	GLOBAL	Force	X	RelDist	0
42	SISMAO	GLOBAL	Force	X	RelDist	0
42	SISMAVA	GLOBAL	Force	Z	RelDist	0
42	SISMAVB	GLOBAL	Force	Z	RelDist	0
42	STERRASX	GLOBAL	Force	X	RelDist	0
42	STLM71	GLOBAL	Force	X	RelDist	0
42	STSW2	GLOBAL	Force	X	RelDist	0
43	SISMAO	GLOBAL	Force	X	RelDist	0
43	SISMAVA	GLOBAL	Force	Z	RelDist	0
43	SISMAVB	GLOBAL	Force	Z	RelDist	0
43	STERRADX	GLOBAL	Force	X	RelDist	0
44	INCRTER	GLOBAL	Force	X	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0
44	SISMAVA	GLOBAL	Force	Z	RelDist	0
44	SISMAVB	GLOBAL	Force	Z	RelDist	0
44	STERRASX	GLOBAL	Force	X	RelDist	0
44	STLM71	GLOBAL	Force	X	RelDist	0
44	STSW2	GLOBAL	Force	X	RelDist	0
45	SISMAO	GLOBAL	Force	X	RelDist	0
45	SISMAVA	GLOBAL	Force	Z	RelDist	0
45	SISMAVB	GLOBAL	Force	Z	RelDist	0
45	STERRADX	GLOBAL	Force	X	RelDist	0
46	INCRTER	GLOBAL	Force	X	RelDist	0
46	SISMAO	GLOBAL	Force	X	RelDist	0
46	SISMAVA	GLOBAL	Force	Z	RelDist	0
46	SISMAVB	GLOBAL	Force	Z	RelDist	0
46	STERRASX	GLOBAL	Force	X	RelDist	0
46	STLM71	GLOBAL	Force	X	RelDist	0
46	STSW2	GLOBAL	Force	X	RelDist	0
47	SISMAO	GLOBAL	Force	X	RelDist	0
47	SISMAVA	GLOBAL	Force	Z	RelDist	0
47	SISMAVB	GLOBAL	Force	Z	RelDist	0
47	STERRADX	GLOBAL	Force	X	RelDist	0
48	INCRTER	GLOBAL	Force	X	RelDist	0
48	SISMAO	GLOBAL	Force	X	RelDist	0
48	SISMAVA	GLOBAL	Force	Z	RelDist	0
48	SISMAVB	GLOBAL	Force	Z	RelDist	0
48	STERRASX	GLOBAL	Force	X	RelDist	0
48	STLM71	GLOBAL	Force	X	RelDist	0
48	STSW2	GLOBAL	Force	X	RelDist	0
49	SISMAO	GLOBAL	Force	X	RelDist	0
49	SISMAVA	GLOBAL	Force	Z	RelDist	0
49	SISMAVB	GLOBAL	Force	Z	RelDist	0
49	STERRADX	GLOBAL	Force	X	RelDist	0
50	INCRTER	GLOBAL	Force	X	RelDist	0
50	SISMAO	GLOBAL	Force	X	RelDist	0
50	SISMAVA	GLOBAL	Force	Z	RelDist	0
50	SISMAVB	GLOBAL	Force	Z	RelDist	0
50	STERRASX	GLOBAL	Force	X	RelDist	0
50	STLM71	GLOBAL	Force	X	RelDist	0
50	STSW2	GLOBAL	Force	X	RelDist	0
51	SISMAO	GLOBAL	Force	X	RelDist	0
51	SISMAVA	GLOBAL	Force	Z	RelDist	0
51	SISMAVB	GLOBAL	Force	Z	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
51	STERRADX	GLOBAL	Force	X	RelDist	0
52	AVVLM71	GLOBAL	Force	X	RelDist	0
52	BALLAST	GLOBAL	Force	Gravity	RelDist	0
52	FRENSW2	GLOBAL	Force	X	RelDist	0
52	LM71C	GLOBAL	Force	Gravity	RelDist	0
52	LM71DX	GLOBAL	Force	Gravity	RelDist	0
52	LM71SISO	GLOBAL	Force	X	RelDist	0
52	LM71SVA	GLOBAL	Force	Z	RelDist	0
52	LM71SVB	GLOBAL	Force	Z	RelDist	0
52	LM71SX	GLOBAL	Force	Gravity	RelDist	0
52	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
52	SISMAO	GLOBAL	Force	X	RelDist	0
52	SISMAVA	GLOBAL	Force	Z	RelDist	0
52	SISMAVB	GLOBAL	Force	Z	RelDist	0
52	SW2	GLOBAL	Force	Gravity	RelDist	0
52	SW2SISO	GLOBAL	Force	X	RelDist	0
52	SW2SVA	GLOBAL	Force	Z	RelDist	0
52	SW2SVB	GLOBAL	Force	Z	RelDist	0
53	AVVLM71	GLOBAL	Force	X	RelDist	0
53	BALLAST	GLOBAL	Force	Gravity	RelDist	0
53	FRENSW2	GLOBAL	Force	X	RelDist	0
53	LM71C	GLOBAL	Force	Gravity	RelDist	0
53	LM71DX	GLOBAL	Force	Gravity	RelDist	0
53	LM71SISO	GLOBAL	Force	X	RelDist	0
53	LM71SVA	GLOBAL	Force	Z	RelDist	0
53	LM71SVB	GLOBAL	Force	Z	RelDist	0
53	LM71SX	GLOBAL	Force	Gravity	RelDist	0
53	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
53	SISMAO	GLOBAL	Force	X	RelDist	0
53	SISMAVA	GLOBAL	Force	Z	RelDist	0
53	SISMAVB	GLOBAL	Force	Z	RelDist	0
53	SW2	GLOBAL	Force	Gravity	RelDist	0
53	SW2SISO	GLOBAL	Force	X	RelDist	0
53	SW2SVA	GLOBAL	Force	Z	RelDist	0
53	SW2SVB	GLOBAL	Force	Z	RelDist	0
54	AVVLM71	GLOBAL	Force	X	RelDist	0
54	BALLAST	GLOBAL	Force	Gravity	RelDist	0
54	FRENSW2	GLOBAL	Force	X	RelDist	0
54	LM71C	GLOBAL	Force	Gravity	RelDist	0
54	LM71DX	GLOBAL	Force	Gravity	RelDist	0
54	LM71SISO	GLOBAL	Force	X	RelDist	0
54	LM71SVA	GLOBAL	Force	Z	RelDist	0
54	LM71SVB	GLOBAL	Force	Z	RelDist	0
54	LM71SX	GLOBAL	Force	Gravity	RelDist	0
54	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
54	SISMAO	GLOBAL	Force	X	RelDist	0
54	SISMAVA	GLOBAL	Force	Z	RelDist	0
54	SISMAVB	GLOBAL	Force	Z	RelDist	0
54	SW2	GLOBAL	Force	Gravity	RelDist	0
54	SW2SISO	GLOBAL	Force	X	RelDist	0
54	SW2SVA	GLOBAL	Force	Z	RelDist	0
54	SW2SVB	GLOBAL	Force	Z	RelDist	0
55	AVVLM71	GLOBAL	Force	X	RelDist	0
55	BALLAST	GLOBAL	Force	Gravity	RelDist	0
55	FRENSW2	GLOBAL	Force	X	RelDist	0
55	LM71C	GLOBAL	Force	Gravity	RelDist	0
55	LM71DX	GLOBAL	Force	Gravity	RelDist	0
55	LM71SISO	GLOBAL	Force	X	RelDist	0
55	LM71SVA	GLOBAL	Force	Z	RelDist	0
55	LM71SVB	GLOBAL	Force	Z	RelDist	0
55	LM71SX	GLOBAL	Force	Gravity	RelDist	0
55	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
55	SISMAO	GLOBAL	Force	X	RelDist	0
55	SISMAVA	GLOBAL	Force	Z	RelDist	0
55	SISMAVB	GLOBAL	Force	Z	RelDist	0
55	SW2	GLOBAL	Force	Gravity	RelDist	0
55	SW2SISO	GLOBAL	Force	X	RelDist	0
55	SW2SVA	GLOBAL	Force	Z	RelDist	0
55	SW2SVB	GLOBAL	Force	Z	RelDist	0
56	AVVLM71	GLOBAL	Force	X	RelDist	0
56	BALLAST	GLOBAL	Force	Gravity	RelDist	0
56	FRENSW2	GLOBAL	Force	X	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

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

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
60	LM71SVB	GLOBAL	Force	Z	RelDist	0
60	LM71SX	GLOBAL	Force	Gravity	RelDist	0
60	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
60	SISMAO	GLOBAL	Force	X	RelDist	0
60	SISMAVA	GLOBAL	Force	Z	RelDist	0
60	SISMAVB	GLOBAL	Force	Z	RelDist	0
60	SW2	GLOBAL	Force	Gravity	RelDist	0
60	SW2SISO	GLOBAL	Force	X	RelDist	0
60	SW2SVA	GLOBAL	Force	Z	RelDist	0
60	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
36	INCRTER	1	0	0,25	70,59	70,59
36	SISMAO	1	0	0,25	6,23	6,23
36	SISMAVA	1	0	0,25	3,49	3,49
36	SISMAVB	1	0	0,25	-3,49	-3,49
36	STERRASX	1	0	0,25	98,93	96,8
36	STLM71	1	0	0,25	9,29	9,29
36	STSW2	1	0	0,25	15,83	15,83
37	SISMAO	1	0	0,25	6,23	6,23
37	SISMAVA	1	0	0,25	3,49	3,49
37	SISMAVB	1	0	0,25	-3,49	-3,49
37	STERRADX	1	0	0,25	-98,93	-96,8
38	INCRTER	1	0	0,25	70,59	70,59
38	SISMAO	1	0	0,25	6,23	6,23
38	SISMAVA	1	0	0,25	3,49	3,49
38	SISMAVB	1	0	0,25	-3,49	-3,49
38	STERRASX	1	0	0,25	96,8	94,67
38	STLM71	1	0	0,25	9,29	9,29
38	STSW2	1	0	0,25	15,83	15,83
39	SISMAO	1	0	0,25	6,23	6,23
39	SISMAVA	1	0	0,25	3,49	3,49
39	SISMAVB	1	0	0,25	-3,49	-3,49
39	STERRADX	1	0	0,25	-96,8	-94,67
40	INCRTER	1	0	2,2	70,59	70,59
40	SISMAO	1	0	2,2	6,23	6,23
40	SISMAVA	1	0	2,2	3,49	3,49
40	SISMAVB	1	0	2,2	-3,49	-3,49
40	STERRASX	1	0	2,2	94,67	75,9
40	STLM71	1	0	2,2	9,29	9,29
40	STSW2	1	0	2,2	15,83	15,83
41	SISMAO	1	0	2,2	6,23	6,23
41	SISMAVA	1	0	2,2	3,49	3,49
41	SISMAVB	1	0	2,2	-3,49	-3,49
41	STERRADX	1	0	2,2	-94,67	-75,9
42	INCRTER	1	0	2,2	70,59	70,59
42	SISMAO	1	0	2,2	6,23	6,23
42	SISMAVA	1	0	2,2	3,49	3,49
42	SISMAVB	1	0	2,2	-3,49	-3,49
42	STERRASX	1	0	2,2	75,9	57,14
42	STLM71	1	0	2,2	9,29	9,29
42	STSW2	1	0	2,2	15,83	15,83
43	SISMAO	1	0	2,2	6,23	6,23
43	SISMAVA	1	0	2,2	3,49	3,49
43	SISMAVB	1	0	2,2	-3,49	-3,49
43	STERRADX	1	0	2,2	-75,9	-57,14
44	INCRTER	1	0	2,2	70,59	70,59
44	SISMAO	1	0	2,2	6,23	6,23
44	SISMAVA	1	0	2,2	3,49	3,49
44	SISMAVB	1	0	2,2	-3,49	-3,49
44	STERRASX	1	0	2,2	57,14	38,38
44	STLM71	1	0	2,2	9,29	9,29
44	STSW2	1	0	2,2	15,83	15,83
45	SISMAO	1	0	2,2	6,23	6,23
45	SISMAVA	1	0	2,2	3,49	3,49
45	SISMAVB	1	0	2,2	-3,49	-3,49
45	STERRADX	1	0	2,2	-57,14	-38,38
46	INCRTER	1	0	2,2	70,59	70,59

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
46	SISMAO	1	0	2,2	6,23	6,23
46	SISMAVA	1	0	2,2	3,49	3,49
46	SISMAVB	1	0	2,2	-3,49	-3,49
46	STERRASX	1	0	2,2	38,38	19,62
46	STLM71	1	0	2,2	9,29	9,29
46	STSW2	1	0	2,2	15,83	15,83
47	SISMAO	1	0	2,2	6,23	6,23
47	SISMAVA	1	0	2,2	3,49	3,49
47	SISMAVB	1	0	2,2	-3,49	-3,49
47	STERRADX	1	0	2,2	-38,38	-19,62
48	INCRTER	1	0	0,225	70,59	70,59
48	SISMAO	1	0	0,225	6,23	6,23
48	SISMAVA	1	0	0,225	3,49	3,49
48	SISMAVB	1	0	0,225	-3,49	-3,49
48	STERRASX	1	0	0,225	19,62	17,7
48	STLM71	1	0	0,225	9,29	9,29
48	STSW2	1	0	0,225	15,83	15,83
49	SISMAO	1	0	0,225	6,23	6,23
49	SISMAVA	1	0	0,225	3,49	3,49
49	SISMAVB	1	0	0,225	-3,49	-3,49
49	STERRADX	1	0	0,225	-19,62	-17,7
50	INCRTER	1	0	0,225	70,59	70,59
50	SISMAO	1	0	0,225	6,23	6,23
50	SISMAVA	1	0	0,225	3,49	3,49
50	SISMAVB	1	0	0,225	-3,49	-3,49
50	STERRASX	1	0	0,225	17,7	15,78
50	STLM71	1	0	0,225	9,29	9,29
50	STSW2	1	0	0,225	15,83	15,83
51	SISMAO	1	0	0,225	6,23	6,23
51	SISMAVA	1	0	0,225	3,49	3,49
51	SISMAVB	1	0	0,225	-3,49	-3,49
51	STERRADX	1	0	0,225	-17,7	-15,78
52	AVVLM71	1	0	0,225	8,99	8,99
52	BALLAST	1	0	0,225	14,4	14,4
52	FRENSW2	1	0	0,225	9,54	9,54
52	LM71C	1	0	0,225	24,61	24,61
52	LM71DX	1	0	0,225	24,61	24,61
52	LM71SISO	1	0	0,225	2,93	2,93
52	LM71SVA	1	0	0,225	1,49	1,49
52	LM71SVB	1	0	0,225	-1,49	-1,49
52	LM71SX	1	0	0,225	48,06	48,06
52	REINTSUP	1	0	0,225	16,32	16,32
52	SISMAO	1	0	0,225	14,74	14,74
52	SISMAVA	1	0	0,225	8,25	8,25
52	SISMAVB	1	0	0,225	-8,25	-8,25
52	SW2	1	0	0,225	41,95	41,95
52	SW2SISO	1	0	0,225	2,56	2,56
52	SW2SVA	1	0	0,225	1,3	1,3
52	SW2SVB	1	0	0,225	-1,3	-1,3
53	AVVLM71	1	0	0,225	8,99	8,99
53	BALLAST	1	0	0,225	14,4	14,4
53	FRENSW2	1	0	0,225	9,54	9,54
53	LM71C	1	0	0,225	24,61	24,61
53	LM71DX	1	0	0,225	24,61	24,61
53	LM71SISO	1	0	0,225	2,93	2,93
53	LM71SVA	1	0	0,225	1,49	1,49
53	LM71SVB	1	0	0,225	-1,49	-1,49
53	LM71SX	1	0	0,225	48,06	48,06
53	REINTSUP	1	0	0,225	16,32	16,32
53	SISMAO	1	0	0,225	14,74	14,74
53	SISMAVA	1	0	0,225	8,25	8,25
53	SISMAVB	1	0	0,225	-8,25	-8,25
53	SW2	1	0	0,225	41,95	41,95
53	SW2SISO	1	0	0,225	2,56	2,56
53	SW2SVA	1	0	0,225	1,3	1,3
53	SW2SVB	1	0	0,225	-1,3	-1,3
54	AVVLM71	1	0	0,8	8,99	8,99
54	BALLAST	1	0	0,8	14,4	14,4
54	FRENSW2	1	0	0,8	9,54	9,54
54	LM71C	1	0	0,8	24,61	24,61
54	LM71DX	1	0	0,8	24,61	24,61
54	LM71SISO	1	0	0,8	2,93	2,93

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
54	LM71SVA	1	0	0,8	1,49	1,49
54	LM71SVB	1	0	0,8	-1,49	-1,49
54	LM71SX	1	0	0,8	48,06	48,06
54	REINTSUP	1	0	0,8	16,32	16,32
54	SISMAO	1	0	0,8	14,74	14,74
54	SISMAVA	1	0	0,8	8,25	8,25
54	SISMAVB	1	0	0,8	-8,25	-8,25
54	SW2	1	0	0,8	41,95	41,95
54	SW2SISO	1	0	0,8	2,56	2,56
54	SW2SVA	1	0	0,8	1,3	1,3
54	SW2SVB	1	0	0,8	-1,3	-1,3
55	AVVLM71	1	0	1,25	8,99	8,99
55	BALLAST	1	0	1,25	14,4	14,4
55	FRENSW2	1	0	1,25	9,54	9,54
55	LM71C	1	0	1,25	48,06	48,06
55	LM71DX	1	0	1,25	24,61	24,61
55	LM71SISO	1	0	1,25	2,93	2,93
55	LM71SVA	1	0	1,25	1,49	1,49
55	LM71SVB	1	0	1,25	-1,49	-1,49
55	LM71SX	1	0	1,25	48,06	48,06
55	REINTSUP	1	0	1,25	16,32	16,32
55	SISMAO	1	0	1,25	14,74	14,74
55	SISMAVA	1	0	1,25	8,25	8,25
55	SISMAVB	1	0	1,25	-8,25	-8,25
55	SW2	1	0	1,25	41,95	41,95
55	SW2SISO	1	0	1,25	2,56	2,56
55	SW2SVA	1	0	1,25	1,3	1,3
55	SW2SVB	1	0	1,25	-1,3	-1,3
56	AVVLM71	1	0	3,9	8,99	8,99
56	BALLAST	1	0	3,9	14,4	14,4
56	FRENSW2	1	0	3,9	9,54	9,54
56	LM71C	1	0	3,9	48,06	48,06
56	LM71DX	1	0	3,9	48,06	48,06
56	LM71SISO	1	0	3,9	2,93	2,93
56	LM71SVA	1	0	3,9	1,49	1,49
56	LM71SVB	1	0	3,9	-1,49	-1,49
56	LM71SX	1	0	3,9	48,06	48,06
56	REINTSUP	1	0	3,9	16,32	16,32
56	SISMAO	1	0	3,9	14,74	14,74
56	SISMAVA	1	0	3,9	8,25	8,25
56	SISMAVB	1	0	3,9	-8,25	-8,25
56	SW2	1	0	3,9	41,95	41,95
56	SW2SISO	1	0	3,9	2,56	2,56
56	SW2SVA	1	0	3,9	1,3	1,3
56	SW2SVB	1	0	3,9	-1,3	-1,3
57	AVVLM71	1	0	1,25	8,99	8,99
57	BALLAST	1	0	1,25	14,4	14,4
57	FRENSW2	1	0	1,25	9,54	9,54
57	LM71C	1	0	1,25	48,06	48,06
57	LM71DX	1	0	1,25	48,06	48,06
57	LM71SISO	1	0	1,25	2,93	2,93
57	LM71SVA	1	0	1,25	1,49	1,49
57	LM71SVB	1	0	1,25	-1,49	-1,49
57	LM71SX	1	0	1,25	24,61	24,61
57	REINTSUP	1	0	1,25	16,32	16,32
57	SISMAO	1	0	1,25	14,74	14,74
57	SISMAVA	1	0	1,25	8,25	8,25
57	SISMAVB	1	0	1,25	-8,25	-8,25
57	SW2	1	0	1,25	41,95	41,95
57	SW2SISO	1	0	1,25	2,56	2,56
57	SW2SVA	1	0	1,25	1,3	1,3
57	SW2SVB	1	0	1,25	-1,3	-1,3
58	AVVLM71	1	0	0,8	8,99	8,99
58	BALLAST	1	0	0,8	14,4	14,4
58	FRENSW2	1	0	0,8	9,54	9,54
58	LM71C	1	0	0,8	24,61	24,61
58	LM71DX	1	0	0,8	48,06	48,06
58	LM71SISO	1	0	0,8	2,93	2,93
58	LM71SVA	1	0	0,8	1,49	1,49
58	LM71SVB	1	0	0,8	-1,49	-1,49
58	LM71SX	1	0	0,8	24,61	24,61
58	REINTSUP	1	0	0,8	16,32	16,32

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
58	SISMAO	1	0	0,8	14,74	14,74
58	SISMAVA	1	0	0,8	8,25	8,25
58	SISMAVB	1	0	0,8	-8,25	-8,25
58	SW2	1	0	0,8	41,95	41,95
58	SW2SISO	1	0	0,8	2,56	2,56
58	SW2SVA	1	0	0,8	1,3	1,3
58	SW2SVB	1	0	0,8	-1,3	-1,3
59	AVVLM71	1	0	0,225	8,99	8,99
59	BALLAST	1	0	0,225	14,4	14,4
59	FRENSW2	1	0	0,225	9,54	9,54
59	LM71C	1	0	0,225	24,61	24,61
59	LM71DX	1	0	0,225	48,06	48,06
59	LM71SISO	1	0	0,225	2,93	2,93
59	LM71SVA	1	0	0,225	1,49	1,49
59	LM71SVB	1	0	0,225	-1,49	-1,49
59	LM71SX	1	0	0,225	24,61	24,61
59	REINTSUP	1	0	0,225	16,32	16,32
59	SISMAO	1	0	0,225	14,74	14,74
59	SISMAVA	1	0	0,225	8,25	8,25
59	SISMAVB	1	0	0,225	-8,25	-8,25
59	SW2	1	0	0,225	41,95	41,95
59	SW2SISO	1	0	0,225	2,56	2,56
59	SW2SVA	1	0	0,225	1,3	1,3
59	SW2SVB	1	0	0,225	-1,3	-1,3
60	AVVLM71	1	0	0,225	8,99	8,99
60	BALLAST	1	0	0,225	14,4	14,4
60	FRENSW2	1	0	0,225	9,54	9,54
60	LM71C	1	0	0,225	24,61	24,61
60	LM71DX	1	0	0,225	48,06	48,06
60	LM71SISO	1	0	0,225	2,93	2,93
60	LM71SVA	1	0	0,225	1,49	1,49
60	LM71SVB	1	0	0,225	-1,49	-1,49
60	LM71SX	1	0	0,225	24,61	24,61
60	REINTSUP	1	0	0,225	16,32	16,32
60	SISMAO	1	0	0,225	14,74	14,74
60	SISMAVA	1	0	0,225	8,25	8,25
60	SISMAVB	1	0	0,225	-8,25	-8,25
60	SW2	1	0	0,225	41,95	41,95
60	SW2SISO	1	0	0,225	2,56	2,56
60	SW2SVA	1	0	0,225	1,3	1,3
60	SW2SVB	1	0	0,225	-1,3	-1,3

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
36	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
36	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
36	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
36	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
36	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
36	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
36	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
37	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
37	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
37	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
37	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
38	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
38	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
38	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
38	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
38	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
38	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
38	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
39	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
39	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
39	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
39	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
40	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
40	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
40	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
40	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
40	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
40	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
40	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
41	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
41	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
41	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
41	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
42	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
42	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
42	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
42	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
42	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
42	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
42	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
43	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
43	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
43	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
43	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
44	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
44	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
44	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
44	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
44	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
44	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
44	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
45	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
45	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
45	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
45	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
46	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
46	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
46	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
46	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
46	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
46	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
46	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
47	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
47	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
47	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
47	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
48	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
48	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
48	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
48	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
48	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
48	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
48	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
49	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
49	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
49	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
49	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
50	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
50	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
50	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
50	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
50	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
50	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
50	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
51	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
51	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
51	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
51	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
52	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f
52	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
52	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
52	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
52	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
52	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
52	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
52	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
52	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
52	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
52	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
52	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b
52	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
52	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
52	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
52	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
52	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
53	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f
53	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
53	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
53	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
53	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
53	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349
53	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
53	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
53	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
53	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
53	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
53	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b
53	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
53	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
53	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
53	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
53	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
54	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f
54	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
54	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
54	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
54	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
54	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349
54	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
54	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
54	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
54	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
54	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
54	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
54	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
54	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
54	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
54	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
54	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
55	AVVLM71	8e6b82de-efc7-4c65-ac2f-238f630c6678
55	BALLAST	e338f87b-fcaa-4153-87e6-5e9f718c207f
55	FRENSW2	a93e5894-e912-4344-a373-1d4426e6cfd4
55	LM71C	d613b4cb-31f5-44df-a407-1d230d8b3c53
55	LM71DX	6b62e8b2-82e2-4863-b1dc-09d974c9a711
55	LM71SISO	f6d49473-e67c-4365-b186-bbae2996604e
55	LM71SVA	0cadfcce-cd68-49c5-8b1c-76d414765ef9
55	LM71SVB	0519652e-f927-441f-aabc-af82e848ae75
55	LM71SX	38245da4-bc50-4db4-a945-9902a11ad13a
55	REINTSUP	a196eca0-378d-4376-9443-bd8568b39d72
55	SISMAO	cd2a1585-bd56-4f77-b48a-9f08fd27f2ad
55	SISMAVA	735167b8-c4e7-4b15-ad53-48c80938b110
55	SISMAVB	1f13d2db-1c5c-4e2e-88b1-cc424260954c
55	SW2	697437c5-2465-4548-afb7-7284c29a4ca1
55	SW2SISO	987e01c1-9545-4db7-8241-93e4ce5e9763
55	SW2SVA	bcc05497-1553-4e6c-b914-c7cbd794f173
55	SW2SVB	8ad711f0-7295-4e93-8d21-b8aebf2ee5ae
56	AVVLM71	f5734589-18cb-4bcc-9377-ba7289894a33
56	BALLAST	958ce092-fcd8-4cd4-9556-73aa065c8a7f
56	FRENSW2	c64858da-5b51-4c27-8668-695e79761221
56	LM71C	ab00709a-f9df-4b9b-b11e-0019eafa78a3
56	LM71DX	7e4b70da-101b-4a45-8ee5-d72af6828940
56	LM71SISO	c504cbfc-1ef1-4a85-8ed9-2349a53c2a16
56	LM71SVA	9722cc7a-0f2a-4aa7-aaba-3d2e359f7691
56	LM71SVB	b2eec674-34ee-457d-92a3-14fd0ae21c0c
56	LM71SX	5fd4ae53-83a4-4176-af73-9d39d5eb5998
56	REINTSUP	bdff4ebe-68f2-46df-8f60-37c30cfc8bdc
56	SISMAO	47753b2d-6cd2-43c1-8111-207b5f01d045
56	SISMAVA	1c2c2a73-403a-4973-b6fa-7c6ba197810a
56	SISMAVB	2aaade01-f889-4dbb-a08a-74f47a4fa050
56	SW2	c965e98a-297f-4fa3-924e-a502c6fedbe7
56	SW2SISO	de7b0156-3b96-403d-bbf4-955c660d1a3c
56	SW2SVA	2a5f0047-3b83-497f-9b7d-21d0fb6e1a0e
56	SW2SVB	a6120a16-2b98-4f85-9e45-aceedcffa299
57	AVVLM71	1f829974-3f76-4fc1-be8a-b9027f51670e

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
57	BALLAST	3d5d040d-6e8c-467e-91c5-d5ddf7257067
57	FRENSW2	a69f8a1a-1b0d-419b-99b9-24c4cd82aab1
57	LM71C	2d3c80a3-9fd3-4e60-9866-90fdb931f63a
57	LM71DX	9a3e4a19-d880-4546-aed8-1ed125e3864b
57	LM71SISO	f56be0df-55a6-4769-a716-c1430ffb99ee
57	LM71SVA	f41653aa-e648-465b-8241-df97e76fe4d0
57	LM71SVB	46c210d7-2f5d-4601-be00-b9ff427d8401
57	LM71SX	8aa67a7b-958f-442b-9e92-a92986d5bb67
57	REINTSUP	ce995c60-2d1b-4b29-a169-e49753292c98
57	SISMAO	7f34f84f-7884-4865-998a-a0cce4e80a4a
57	SISMAVA	69ef8b8e-0502-40fd-b882-308cf8b3edee
57	SISMAVB	5fbfb9f5-b83f-4fe9-bf80-d4fafaaa2b51
57	SW2	18f78aff-869d-4f09-8895-833bfbd42ea4
57	SW2SISO	298ca254-742c-4325-84f0-d7551f47c5c6
57	SW2SVA	a93af057-b6b9-47ef-9d0c-4be3f1089a98
57	SW2SVB	8e6b131e-fc1d-4b27-a187-cedc2d00e403
58	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
58	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76
58	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
58	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
58	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
58	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
58	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed
58	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
58	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
58	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
58	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
58	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
58	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
58	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
58	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
58	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
58	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925
59	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
59	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76
59	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
59	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
59	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
59	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
59	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
59	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
59	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
59	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
59	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
59	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
59	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
59	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
59	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
59	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
59	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925
60	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
60	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76
60	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
60	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
60	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
60	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
60	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed
60	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
60	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
60	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
60	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
60	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
60	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
60	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
60	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
60	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
60	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp	TempGrad2	JtPattern
			C	C/m	
52	TERMP	Temperature	5		None
52	TERMN	Temperature	-15		None
52	GRADTP	Gradient2		5,56	None
52	GRADTN	Gradient2		-5,56	None
53	TERMP	Temperature	5		None
53	TERMN	Temperature	-15		None
53	GRADTP	Gradient2		5,56	None
53	GRADTN	Gradient2		-5,56	None
54	TERMP	Temperature	5		None
54	TERMN	Temperature	-15		None
54	GRADTP	Gradient2		5,56	None
54	GRADTN	Gradient2		-5,56	None
55	TERMP	Temperature	5		None
55	TERMN	Temperature	-15		None
55	GRADTP	Gradient2		5,56	None
55	GRADTN	Gradient2		-5,56	None
56	TERMP	Temperature	5		None
56	TERMN	Temperature	-15		None

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp	TempGrad2	JtPattern
			C	C/m	
56	GRADTP	Gradient2		5,56	None
56	GRADTN	Gradient2		-5,56	None
57	TERMP	Temperature	5		None
57	TERMN	Temperature	-15		None
57	GRADTP	Gradient2		5,56	None
57	GRADTN	Gradient2		-5,56	None
58	TERMP	Temperature	5		None
58	TERMN	Temperature	-15		None
58	GRADTP	Gradient2		5,56	None
58	GRADTN	Gradient2		-5,56	None
59	TERMP	Temperature	5		None
59	TERMN	Temperature	-15		None
59	GRADTP	Gradient2		5,56	None
59	GRADTN	Gradient2		-5,56	None
60	TERMP	Temperature	5		None
60	TERMN	Temperature	-15		None
60	GRADTP	Gradient2		5,56	None
60	GRADTN	Gradient2		-5,56	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
24	Rectangular	N.A.	fondazione	fondazione	Default
25	Rectangular	N.A.	fondazione	fondazione	Default
26	Rectangular	N.A.	fondazione	fondazione	Default
27	Rectangular	N.A.	fondazione	fondazione	Default
28	Rectangular	N.A.	fondazione	fondazione	Default
29	Rectangular	N.A.	fondazione	fondazione	Default
30	Rectangular	N.A.	fondazione	fondazione	Default
31	Rectangular	N.A.	fondazione	fondazione	Default
32	Rectangular	N.A.	fondazione	fondazione	Default
33	Rectangular	N.A.	fondazione	fondazione	Default
34	Rectangular	N.A.	fondazione	fondazione	Default
35	Rectangular	N.A.	fondazione	fondazione	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.	piedritto	piedritto	Default
42	Rectangular	N.A.	piedritto	piedritto	Default
43	Rectangular	N.A.	piedritto	piedritto	Default
44	Rectangular	N.A.	piedritto	piedritto	Default
45	Rectangular	N.A.	piedritto	piedritto	Default
46	Rectangular	N.A.	piedritto	piedritto	Default
47	Rectangular	N.A.	piedritto	piedritto	Default
48	Rectangular	N.A.	piedritto	piedritto	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
49	Rectangular	N.A.	piedritto	piedritto	Default
50	Rectangular	N.A.	piedritto	piedritto	Default
51	Rectangular	N.A.	piedritto	piedritto	Default
52	Rectangular	N.A.	soletta superiore	soletta superiore	Default
53	Rectangular	N.A.	soletta superiore	soletta superiore	Default
54	Rectangular	N.A.	soletta superiore	soletta superiore	Default
55	Rectangular	N.A.	soletta superiore	soletta superiore	Default
56	Rectangular	N.A.	soletta superiore	soletta superiore	Default
57	Rectangular	N.A.	soletta superiore	soletta superiore	Default
58	Rectangular	N.A.	soletta superiore	soletta superiore	Default
59	Rectangular	N.A.	soletta superiore	soletta superiore	Default
60	Rectangular	N.A.	soletta superiore	soletta superiore	Default

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

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

SectionName	Material	Shape	t3	t2	Area	TorsConst
			m	m	m2	m4
fondazione	C32/40	Rectangular	1	1	1	0,140833
piedritto	C32/40	Rectangular	0,9	1	0,9	0,112752
soletta superiore	C32/40	Rectangular	0,9	1	0,9	0,112752

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	0,083333	0,083333	0	0,833333	0,833333	0,166667	0,166667
piedritto	0,06075	0,075	0	0,75	0,75	0,135	0,15
soletta superiore	0,06075	0,075	0	0,75	0,75	0,135	0,15

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	0,25	0,25	0,288675	0,288675	Yes	No	Blue
piedritto	0,2025	0,225	0,259808	0,288675	Yes	No	Yellow
soletta superiore	0,2025	0,225	0,259808	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	222,434	22,68	No	1	1	1	1
piedritto	438,62	44,73	No	1	1	1	1
soletta superiore	200,191	20,41	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	
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 29/06/2018 15:06:34
piedritto	Added 29/06/2018 15:06:34
soletta superiore	Added 29/06/2018 15:06:34

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	0,225	0	0	Yes	0,225
3	GLOBAL	Cartesian	0,45	0	0	Yes	0,45
4	GLOBAL	Cartesian	0,70806	0	0	No	0,70806
5	GLOBAL	Cartesian	0,96613	0	0	No	0,96613
6	GLOBAL	Cartesian	1,22419	0	0	No	1,22419
7	GLOBAL	Cartesian	1,48226	0	0	No	1,48226
8	GLOBAL	Cartesian	1,74032	0	0	No	1,74032
9	GLOBAL	Cartesian	1,99839	0	0	No	1,99839
10	GLOBAL	Cartesian	2,25645	0	0	No	2,25645
11	GLOBAL	Cartesian	2,51452	0	0	No	2,51452
12	GLOBAL	Cartesian	2,77258	0	0	No	2,77258
13	GLOBAL	Cartesian	3,03065	0	0	No	3,03065
14	GLOBAL	Cartesian	3,28871	0	0	No	3,28871
15	GLOBAL	Cartesian	3,54677	0	0	No	3,54677
16	GLOBAL	Cartesian	3,80484	0	0	No	3,80484
17	GLOBAL	Cartesian	4,0629	0	0	No	4,0629
18	GLOBAL	Cartesian	4,32097	0	0	No	4,32097
19	GLOBAL	Cartesian	4,57903	0	0	No	4,57903
20	GLOBAL	Cartesian	4,8371	0	0	No	4,8371
21	GLOBAL	Cartesian	5,09516	0	0	No	5,09516
22	GLOBAL	Cartesian	5,35323	0	0	No	5,35323
23	GLOBAL	Cartesian	5,61129	0	0	No	5,61129
24	GLOBAL	Cartesian	5,86935	0	0	No	5,86935
25	GLOBAL	Cartesian	6,12742	0	0	No	6,12742
26	GLOBAL	Cartesian	6,38548	0	0	No	6,38548
27	GLOBAL	Cartesian	6,64355	0	0	No	6,64355
28	GLOBAL	Cartesian	6,90161	0	0	No	6,90161
29	GLOBAL	Cartesian	7,15968	0	0	No	7,15968
30	GLOBAL	Cartesian	7,41774	0	0	No	7,41774
31	GLOBAL	Cartesian	7,67581	0	0	No	7,67581
32	GLOBAL	Cartesian	7,93387	0	0	No	7,93387
33	GLOBAL	Cartesian	8,19194	0	0	No	8,19194
34	GLOBAL	Cartesian	8,45	0	0	Yes	8,45
35	GLOBAL	Cartesian	8,675	0	0	Yes	8,675
36	GLOBAL	Cartesian	8,9	0	0	Yes	8,9
37	GLOBAL	Cartesian	0	0	0,25	Yes	0
38	GLOBAL	Cartesian	8,9	0	0,25	Yes	8,9
39	GLOBAL	Cartesian	0	0	0,5	Yes	0
40	GLOBAL	Cartesian	8,9	0	0,5	Yes	8,9
41	GLOBAL	Cartesian	0	0	2,7	No	0
42	GLOBAL	Cartesian	8,9	0	2,7	No	8,9
43	GLOBAL	Cartesian	0	0	4,9	No	0
44	GLOBAL	Cartesian	8,9	0	4,9	No	8,9
45	GLOBAL	Cartesian	0	0	7,1	No	0
46	GLOBAL	Cartesian	8,9	0	7,1	No	8,9
47	GLOBAL	Cartesian	0	0	9,3	Yes	0
48	GLOBAL	Cartesian	8,9	0	9,3	Yes	8,9
49	GLOBAL	Cartesian	0	0	9,525	Yes	0
50	GLOBAL	Cartesian	8,9	0	9,525	Yes	8,9
51	GLOBAL	Cartesian	0	0	9,75	Yes	0
52	GLOBAL	Cartesian	0,225	0	9,75	Yes	0,225
53	GLOBAL	Cartesian	0,45	0	9,75	Yes	0,45
54	GLOBAL	Cartesian	1,25	0	9,75	Yes	1,25
55	GLOBAL	Cartesian	2,5	0	9,75	Yes	2,5
56	GLOBAL	Cartesian	6,4	0	9,75	Yes	6,4
57	GLOBAL	Cartesian	7,65	0	9,75	Yes	7,65
58	GLOBAL	Cartesian	8,45	0	9,75	Yes	8,45
59	GLOBAL	Cartesian	8,675	0	9,75	Yes	8,675
60	GLOBAL	Cartesian	8,9	0	9,75	Yes	8,9

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
2	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
3	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
4	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
5	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
6	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
7	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
8	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
9	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
10	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
11	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
12	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
13	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
14	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
15	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
16	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
17	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
18	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
19	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
20	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
21	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
22	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
23	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
24	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
25	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
26	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
27	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
28	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
29	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
30	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
31	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
32	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
33	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
34	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
35	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
36	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
37	0	0,25	c0c8454a-0a23-4f03-9a7e-42fcf392899f
38	0	0,25	c0c8454a-0a23-4f03-9a7e-42fcf392899f
39	0	0,5	c0c8454a-0a23-4f03-9a7e-42fcf392899f
40	0	0,5	c0c8454a-0a23-4f03-9a7e-42fcf392899f
41	0	2,7	c0c8454a-0a23-4f03-9a7e-42fcf392899f
42	0	2,7	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
43	0	4,9	c0c8454a-0a23-4f03-9a7e-42fcf392899f
44	0	4,9	c0c8454a-0a23-4f03-9a7e-42fcf392899f
45	0	7,1	c0c8454a-0a23-4f03-9a7e-42fcf392899f
46	0	7,1	c0c8454a-0a23-4f03-9a7e-42fcf392899f
47	0	9,3	c0c8454a-0a23-4f03-9a7e-42fcf392899f
48	0	9,3	c0c8454a-0a23-4f03-9a7e-42fcf392899f
49	0	9,525	c0c8454a-0a23-4f03-9a7e-42fcf392899f
50	0	9,525	c0c8454a-0a23-4f03-9a7e-42fcf392899f
51	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
52	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
53	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
54	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
55	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
56	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
57	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
58	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
59	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
60	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
1	PP	LinStatic	2,508E-06	0	-0,020195	0	-0,000391	0
1	REINTSUP	LinStatic	-1,957E-07	0	-0,003481	0	-0,000106	0
1	BALLAST	LinStatic	-1,727E-07	0	-0,003072	0	-9,4E-05	0
1	STERRASX	LinStatic	0,125702	0	0,032111	0	0,007871	0
1	STERRADX	LinStatic	-0,125654	0	-0,031398	0	-0,007388	0
1	TERMP	LinStatic	-2,32E-07	0	-2,1E-05	0	-1,4E-05	0
1	TERMN	LinStatic	6,961E-07	0	6,3E-05	0	4,3E-05	0
1	GRADTP	LinStatic	1,167E-06	0	3,9E-05	0	2,7E-05	0
1	GRADTN	LinStatic	-1,167E-06	0	-3,9E-05	0	-2,7E-05	0
1	LM71C	LinStatic	-7,759E-07	0	-0,008856	0	-0,000277	0
1	LM71SX	LinStatic	-6,394E-07	0	-0,011701	0	-0,000922	0
1	LM71DX	LinStatic	-6,394E-07	0	-0,006001	0	0,000375	0
1	STLM71	LinStatic	0,02036	0	0,006832	0	0,00166	0
1	AVVLM71	LinStatic	0,017982	0	0,01195	0	0,002835	0
1	SW2	LinStatic	-5,032E-07	0	-0,008948	0	-0,000274	0
1	STSW2	LinStatic	0,034692	0	0,011641	0	0,002829	0
1	INCRTER	LinStatic	0,154702	0	0,05191	0	0,012614	0
1	LM71SISO	LinStatic	0,005861	0	0,003895	0	0,000924	0
1	SW2SISO	LinStatic	0,005121	0	0,003403	0	0,000807	0
1	SISMAO	LinStatic	0,056786	0	0,028684	0	0,006825	0
1	LM71SVA	LinStatic	1,787E-08	0	0,000318	0	9,722E-06	0
1	SW2SVA	LinStatic	1,559E-08	0	0,000277	0	8,482E-06	0
1	SISMAVA	LinStatic	-3,323E-07	0	0,003373	0	9,2E-05	0
1	LM71SVB	LinStatic	-1,787E-08	0	-0,000318	0	-9,722E-06	0
1	SW2SVB	LinStatic	-1,559E-08	0	-0,000277	0	-8,482E-06	0
1	SISMAVB	LinStatic	3,323E-07	0	-0,003373	0	-9,2E-05	0
2	PP	LinStatic	2,382E-06	0	-0,020099	0	-0,000406	0
2	REINTSUP	LinStatic	-1,859E-07	0	-0,003455	0	-0,000109	0
2	BALLAST	LinStatic	-1,64E-07	0	-0,003049	0	-9,6E-05	0
2	STERRASX	LinStatic	0,125699	0	0,030346	0	0,007802	0
2	STERRADX	LinStatic	-0,125654	0	-0,029739	0	-0,007343	0
2	TERMP	LinStatic	-2,203E-07	0	-1,8E-05	0	-1,4E-05	0
2	TERMN	LinStatic	6,609E-07	0	5,4E-05	0	4,1E-05	0
2	GRADTP	LinStatic	1,108E-06	0	3,3E-05	0	2,5E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
2	GRADTN	LinStatic	-1,108E-06	0	-3,3E-05	0	-2,5E-05	0
2	LM71C	LinStatic	-7,367E-07	0	-0,008789	0	-0,000283	0
2	LM71SX	LinStatic	-6,071E-07	0	-0,011489	0	-0,000929	0
2	LM71DX	LinStatic	-6,071E-07	0	-0,006082	0	0,000368	0
2	STLM71	LinStatic	0,020359	0	0,006459	0	0,001647	0
2	AVVLM71	LinStatic	0,017982	0	0,011313	0	0,002818	0
2	SW2	LinStatic	-4,777E-07	0	-0,008882	0	-0,00028	0
2	STSW2	LinStatic	0,034692	0	0,011007	0	0,002806	0
2	INCRTER	LinStatic	0,154699	0	0,049081	0	0,012513	0
2	LM71SISO	LinStatic	0,00586	0	0,003687	0	0,000919	0
2	SW2SISO	LinStatic	0,00512	0	0,003222	0	0,000803	0
2	SISMAO	LinStatic	0,056785	0	0,027151	0	0,006783	0
2	LM71SVA	LinStatic	1,697E-08	0	0,000315	0	9,956E-06	0
2	SW2SVA	LinStatic	1,48E-08	0	0,000275	0	8,686E-06	0
2	SISMAVA	LinStatic	-3,155E-07	0	0,003351	0	9,5E-05	0
2	LM71SVB	LinStatic	-1,697E-08	0	-0,000315	0	-9,956E-06	0
2	SW2SVB	LinStatic	-1,48E-08	0	-0,000275	0	-8,686E-06	0
2	SISMAVB	LinStatic	3,155E-07	0	-0,003351	0	-9,5E-05	0
3	PP	LinStatic	2,255E-06	0	-0,020001	0	-0,000416	0
3	REINTSUP	LinStatic	-1,76E-07	0	-0,003429	0	-0,00011	0
3	BALLAST	LinStatic	-1,553E-07	0	-0,003026	0	-9,7E-05	0
3	STERRASX	LinStatic	0,125696	0	0,028598	0	0,007732	0
3	STERRADX	LinStatic	-0,125653	0	-0,028092	0	-0,007298	0
3	TERMP	LinStatic	-2,086E-07	0	-1,5E-05	0	-1,3E-05	0
3	TERMN	LinStatic	6,257E-07	0	4,5E-05	0	3,9E-05	0
3	GRADTP	LinStatic	1,049E-06	0	2,8E-05	0	2,4E-05	0
3	GRADTN	LinStatic	-1,049E-06	0	-2,8E-05	0	-2,4E-05	0
3	LM71C	LinStatic	-6,974E-07	0	-0,008722	0	-0,000286	0
3	LM71SX	LinStatic	-5,747E-07	0	-0,011276	0	-0,000932	0
3	LM71DX	LinStatic	-5,747E-07	0	-0,006161	0	0,000365	0
3	STLM71	LinStatic	0,020359	0	0,00609	0	0,001633	0
3	AVVLM71	LinStatic	0,017981	0	0,010681	0	0,002802	0
3	SW2	LinStatic	-4,523E-07	0	-0,008815	0	-0,000284	0
3	STSW2	LinStatic	0,034691	0	0,010378	0	0,002783	0
3	INCRTER	LinStatic	0,154695	0	0,046276	0	0,01241	0
3	LM71SISO	LinStatic	0,00586	0	0,003481	0	0,000913	0
3	SW2SISO	LinStatic	0,00512	0	0,003041	0	0,000798	0
3	SISMAO	LinStatic	0,056784	0	0,025629	0	0,00674	0
3	LM71SVA	LinStatic	1,606E-08	0	0,000313	0	1E-05	0
3	SW2SVA	LinStatic	1,402E-08	0	0,000273	0	8,79E-06	0
3	SISMAVA	LinStatic	-2,987E-07	0	0,003328	0	9,7E-05	0
3	LM71SVB	LinStatic	-1,606E-08	0	-0,000313	0	-1E-05	0
3	SW2SVB	LinStatic	-1,402E-08	0	-0,000273	0	-8,79E-06	0
3	SISMAVB	LinStatic	2,987E-07	0	-0,003328	0	-9,7E-05	0
4	PP	LinStatic	2,109E-06	0	-0,019886	0	-0,000421	0
4	REINTSUP	LinStatic	-1,646E-07	0	-0,0034	0	-0,00011	0
4	BALLAST	LinStatic	-1,452E-07	0	-0,003	0	-9,7E-05	0
4	STERRASX	LinStatic	0,125693	0	0,026613	0	0,007652	0
4	STERRADX	LinStatic	-0,125653	0	-0,026215	0	-0,007246	0
4	TERMP	LinStatic	-1,951E-07	0	-1,2E-05	0	-1,2E-05	0
4	TERMN	LinStatic	5,853E-07	0	3,5E-05	0	3,6E-05	0
4	GRADTP	LinStatic	9,813E-07	0	2,2E-05	0	2,2E-05	0
4	GRADTN	LinStatic	-9,813E-07	0	-2,2E-05	0	-2,2E-05	0
4	LM71C	LinStatic	-6,524E-07	0	-0,008644	0	-0,000286	0
4	LM71SX	LinStatic	-5,377E-07	0	-0,011031	0	-0,000931	0
4	LM71DX	LinStatic	-5,377E-07	0	-0,006252	0	0,000364	0
4	STLM71	LinStatic	0,020358	0	0,005671	0	0,001618	0
4	AVVLM71	LinStatic	0,017981	0	0,00996	0	0,002782	0
4	SW2	LinStatic	-4,231E-07	0	-0,008738	0	-0,000284	0
4	STSW2	LinStatic	0,03469	0	0,009663	0	0,002756	0
4	INCRTER	LinStatic	0,154692	0	0,043089	0	0,012292	0
4	LM71SISO	LinStatic	0,00586	0	0,003246	0	0,000907	0
4	SW2SISO	LinStatic	0,00512	0	0,002836	0	0,000792	0
4	SISMAO	LinStatic	0,056783	0	0,023895	0	0,00669	0
4	LM71SVA	LinStatic	1,503E-08	0	0,00031	0	1E-05	0
4	SW2SVA	LinStatic	1,311E-08	0	0,000271	0	8,794E-06	0
4	SISMAVA	LinStatic	-2,794E-07	0	0,003301	0	9,8E-05	0
4	LM71SVB	LinStatic	-1,503E-08	0	-0,00031	0	-1E-05	0
4	SW2SVB	LinStatic	-1,311E-08	0	-0,000271	0	-8,794E-06	0
4	SISMAVB	LinStatic	2,794E-07	0	-0,003301	0	-9,8E-05	0
5	PP	LinStatic	1,964E-06	0	-0,019772	0	-0,000419	0
5	REINTSUP	LinStatic	-1,532E-07	0	-0,00337	0	-0,000109	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
5	BALLAST	LinStatic	-1,352E-07	0	-0,002973	0	-9,6E-05	0
5	STERRASX	LinStatic	0,12569	0	0,02465	0	0,007572	0
5	STERRADX	LinStatic	-0,125652	0	-0,024353	0	-0,007195	0
5	TERMP	LinStatic	-1,816E-07	0	-8,816E-06	0	-1,1E-05	0
5	TERMN	LinStatic	5,449E-07	0	2,6E-05	0	3,4E-05	0
5	GRADTP	LinStatic	9,136E-07	0	1,6E-05	0	2,1E-05	0
5	GRADTN	LinStatic	-9,136E-07	0	-1,6E-05	0	-2,1E-05	0
5	LM71C	LinStatic	-6,074E-07	0	-0,008568	0	-0,000282	0
5	LM71SX	LinStatic	-5,006E-07	0	-0,010788	0	-0,000926	0
5	LM71DX	LinStatic	-5,006E-07	0	-0,006343	0	0,000367	0
5	STLM71	LinStatic	0,020358	0	0,005255	0	0,001602	0
5	AVVLM71	LinStatic	0,017981	0	0,009244	0	0,002762	0
5	SW2	LinStatic	-3,939E-07	0	-0,008662	0	-0,00028	0
5	STSW2	LinStatic	0,034689	0	0,008955	0	0,00273	0
5	INCRTER	LinStatic	0,154688	0	0,039933	0	0,012174	0
5	LM71SISO	LinStatic	0,00586	0	0,003013	0	0,0009	0
5	SW2SISO	LinStatic	0,00512	0	0,002632	0	0,000787	0
5	SISMAO	LinStatic	0,056782	0	0,022176	0	0,00664	0
5	LM71SVA	LinStatic	1,399E-08	0	0,000308	0	9,952E-06	0
5	SW2SVA	LinStatic	1,221E-08	0	0,000268	0	8,683E-06	0
5	SISMAVA	LinStatic	-2,601E-07	0	0,003275	0	9,7E-05	0
5	LM71SVB	LinStatic	-1,399E-08	0	-0,000308	0	-9,952E-06	0
5	SW2SVB	LinStatic	-1,221E-08	0	-0,000268	0	-8,683E-06	0
5	SISMAVB	LinStatic	2,601E-07	0	-0,003275	0	-9,7E-05	0
6	PP	LinStatic	1,818E-06	0	-0,019659	0	-0,000412	0
6	REINTSUP	LinStatic	-1,419E-07	0	-0,003341	0	-0,000106	0
6	BALLAST	LinStatic	-1,252E-07	0	-0,002948	0	-9,4E-05	0
6	STERRASX	LinStatic	0,125687	0	0,022708	0	0,007494	0
6	STERRADX	LinStatic	-0,125652	0	-0,022504	0	-0,007145	0
6	TERMP	LinStatic	-1,682E-07	0	-6,042E-06	0	-1E-05	0
6	TERMN	LinStatic	5,046E-07	0	1,8E-05	0	3,1E-05	0
6	GRADTP	LinStatic	8,459E-07	0	1,1E-05	0	1,9E-05	0
6	GRADTN	LinStatic	-8,459E-07	0	-1,1E-05	0	-1,9E-05	0
6	LM71C	LinStatic	-5,624E-07	0	-0,008493	0	-0,000275	0
6	LM71SX	LinStatic	-4,635E-07	0	-0,010547	0	-0,000918	0
6	LM71DX	LinStatic	-4,635E-07	0	-0,006436	0	0,000373	0
6	STLM71	LinStatic	0,020357	0	0,004844	0	0,001587	0
6	AVVLM71	LinStatic	0,017981	0	0,008534	0	0,002743	0
6	SW2	LinStatic	-3,647E-07	0	-0,008588	0	-0,000273	0
6	STSW2	LinStatic	0,034689	0	0,008254	0	0,002704	0
6	INCRTER	LinStatic	0,154685	0	0,036809	0	0,012059	0
6	LM71SISO	LinStatic	0,00586	0	0,002781	0	0,000894	0
6	SW2SISO	LinStatic	0,00512	0	0,00243	0	0,000781	0
6	SISMAO	LinStatic	0,056782	0	0,020469	0	0,006591	0
6	LM71SVA	LinStatic	1,295E-08	0	0,000305	0	9,702E-06	0
6	SW2SVA	LinStatic	1,13E-08	0	0,000266	0	8,465E-06	0
6	SISMAVA	LinStatic	-2,409E-07	0	0,003249	0	9,5E-05	0
6	LM71SVB	LinStatic	-1,295E-08	0	-0,000305	0	-9,702E-06	0
6	SW2SVB	LinStatic	-1,13E-08	0	-0,000266	0	-8,465E-06	0
6	SISMAVB	LinStatic	2,409E-07	0	-0,003249	0	-9,5E-05	0
7	PP	LinStatic	1,673E-06	0	-0,01955	0	-0,000399	0
7	REINTSUP	LinStatic	-1,305E-07	0	-0,003313	0	-0,000102	0
7	BALLAST	LinStatic	-1,152E-07	0	-0,002923	0	-9E-05	0
7	STERRASX	LinStatic	0,125684	0	0,020786	0	0,007417	0
7	STERRADX	LinStatic	-0,125652	0	-0,020669	0	-0,007097	0
7	TERMP	LinStatic	-1,547E-07	0	-3,485E-06	0	-9,498E-06	0
7	TERMN	LinStatic	4,642E-07	0	1E-05	0	2,8E-05	0
7	GRADTP	LinStatic	7,783E-07	0	6,479E-06	0	1,8E-05	0
7	GRADTN	LinStatic	-7,783E-07	0	-6,479E-06	0	-1,8E-05	0
7	LM71C	LinStatic	-5,174E-07	0	-0,00842	0	-0,000264	0
7	LM71SX	LinStatic	-4,264E-07	0	-0,010309	0	-0,000906	0
7	LM71DX	LinStatic	-4,264E-07	0	-0,00653	0	0,000382	0
7	STLM71	LinStatic	0,020357	0	0,004437	0	0,001572	0
7	AVVLM71	LinStatic	0,01798	0	0,007829	0	0,002724	0
7	SW2	LinStatic	-3,356E-07	0	-0,008515	0	-0,000263	0
7	STSW2	LinStatic	0,034688	0	0,007561	0	0,002679	0
7	INCRTER	LinStatic	0,154682	0	0,033715	0	0,011947	0
7	LM71SISO	LinStatic	0,00586	0	0,002552	0	0,000888	0
7	SW2SISO	LinStatic	0,00512	0	0,00223	0	0,000776	0
7	SISMAO	LinStatic	0,056781	0	0,018776	0	0,006542	0
7	LM71SVA	LinStatic	1,192E-08	0	0,000302	0	9,338E-06	0
7	SW2SVA	LinStatic	1,04E-08	0	0,000264	0	8,147E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
7	SISMAVA	LinStatic	-2,216E-07	0	0,003224	0	9,2E-05	0
7	LM71SVB	LinStatic	-1,192E-08	0	-0,000302	0	-9,338E-06	0
7	SW2SVB	LinStatic	-1,04E-08	0	-0,000264	0	-8,147E-06	0
7	SISMAVB	LinStatic	2,216E-07	0	-0,003224	0	-9,2E-05	0
8	PP	LinStatic	1,527E-06	0	-0,019445	0	-0,000381	0
8	REINTSUP	LinStatic	-1,192E-07	0	-0,003286	0	-9,7E-05	0
8	BALLAST	LinStatic	-1,052E-07	0	-0,002899	0	-8,6E-05	0
8	STERRASX	LinStatic	0,125681	0	0,018885	0	0,007344	0
8	STERRADX	LinStatic	-0,125652	0	-0,018846	0	-0,007052	0
8	TERMP	LinStatic	-1,413E-07	0	-1,143E-06	0	-8,663E-06	0
8	TERMN	LinStatic	4,238E-07	0	3,43E-06	0	2,6E-05	0
8	GRADTP	LinStatic	7,106E-07	0	2,126E-06	0	1,6E-05	0
8	GRADTN	LinStatic	-7,106E-07	0	-2,126E-06	0	-1,6E-05	0
8	LM71C	LinStatic	-4,724E-07	0	-0,008351	0	-0,000251	0
8	LM71SX	LinStatic	-3,893E-07	0	-0,010074	0	-0,000892	0
8	LM71DX	LinStatic	-3,893E-07	0	-0,006628	0	0,000394	0
8	STLM71	LinStatic	0,020356	0	0,004034	0	0,001558	0
8	AVVLM71	LinStatic	0,01798	0	0,00713	0	0,002706	0
8	SW2	LinStatic	-3,064E-07	0	-0,008447	0	-0,00025	0
8	STSW2	LinStatic	0,034687	0	0,006873	0	0,002655	0
8	INCRTER	LinStatic	0,154679	0	0,03065	0	0,011839	0
8	LM71SISO	LinStatic	0,00586	0	0,002324	0	0,000882	0
8	SW2SISO	LinStatic	0,00512	0	0,00203	0	0,00077	0
8	SISMAO	LinStatic	0,05678	0	0,017096	0	0,006496	0
8	LM71SVA	LinStatic	1,088E-08	0	0,0003	0	8,871E-06	0
8	SW2SVA	LinStatic	9,494E-09	0	0,000262	0	7,74E-06	0
8	SISMAVA	LinStatic	-2,023E-07	0	0,0032	0	8,7E-05	0
8	LM71SVB	LinStatic	-1,088E-08	0	-0,0003	0	-8,871E-06	0
8	SW2SVB	LinStatic	-9,494E-09	0	-0,000262	0	-7,74E-06	0
8	SISMAVB	LinStatic	2,023E-07	0	-0,0032	0	-8,7E-05	0
9	PP	LinStatic	1,382E-06	0	-0,019345	0	-0,000358	0
9	REINTSUP	LinStatic	-1,078E-07	0	-0,003261	0	-9,1E-05	0
9	BALLAST	LinStatic	-9,515E-08	0	-0,002877	0	-8E-05	0
9	STERRASX	LinStatic	0,125678	0	0,017002	0	0,007274	0
9	STERRADX	LinStatic	-0,125652	0	-0,017035	0	-0,00701	0
9	TERMP	LinStatic	-1,278E-07	0	9,826E-07	0	-7,83E-06	0
9	TERMN	LinStatic	3,835E-07	0	-2,948E-06	0	2,3E-05	0
9	GRADTP	LinStatic	6,429E-07	0	-1,827E-06	0	1,5E-05	0
9	GRADTN	LinStatic	-6,429E-07	0	1,827E-06	0	-1,5E-05	0
9	LM71C	LinStatic	-4,274E-07	0	-0,008286	0	-0,000235	0
9	LM71SX	LinStatic	-3,523E-07	0	-0,009844	0	-0,000874	0
9	LM71DX	LinStatic	-3,523E-07	0	-0,006729	0	0,000408	0
9	STLM71	LinStatic	0,020356	0	0,003634	0	0,001545	0
9	AVVLM71	LinStatic	0,01798	0	0,006435	0	0,002688	0
9	SW2	LinStatic	-2,772E-07	0	-0,008382	0	-0,000234	0
9	STSW2	LinStatic	0,034686	0	0,006192	0	0,002632	0
9	INCRTER	LinStatic	0,154676	0	0,027614	0	0,011736	0
9	LM71SISO	LinStatic	0,00586	0	0,002097	0	0,000876	0
9	SW2SISO	LinStatic	0,00512	0	0,001832	0	0,000765	0
9	SISMAO	LinStatic	0,05678	0	0,015428	0	0,006452	0
9	LM71SVA	LinStatic	9,846E-09	0	0,000298	0	8,309E-06	0
9	SW2SVA	LinStatic	8,59E-09	0	0,00026	0	7,25E-06	0
9	SISMAVA	LinStatic	-1,831E-07	0	0,003177	0	8,2E-05	0
9	LM71SVB	LinStatic	-9,846E-09	0	-0,000298	0	-8,309E-06	0
9	SW2SVB	LinStatic	-8,59E-09	0	-0,00026	0	-7,25E-06	0
9	SISMAVB	LinStatic	1,831E-07	0	-0,003177	0	-8,2E-05	0
10	PP	LinStatic	1,236E-06	0	-0,019253	0	-0,000331	0
10	REINTSUP	LinStatic	-9,649E-08	0	-0,003237	0	-8,4E-05	0
10	BALLAST	LinStatic	-8,514E-08	0	-0,002857	0	-7,4E-05	0
10	STERRASX	LinStatic	0,125676	0	0,015137	0	0,007209	0
10	STERRADX	LinStatic	-0,125652	0	-0,015235	0	-0,006973	0
10	TERMP	LinStatic	-1,144E-07	0	2,894E-06	0	-6,999E-06	0
10	TERMN	LinStatic	3,431E-07	0	-8,682E-06	0	2,1E-05	0
10	GRADTP	LinStatic	5,752E-07	0	-5,38E-06	0	1,3E-05	0
10	GRADTN	LinStatic	-5,752E-07	0	5,38E-06	0	-1,3E-05	0
10	LM71C	LinStatic	-3,825E-07	0	-0,008226	0	-0,000216	0
10	LM71SX	LinStatic	-3,152E-07	0	-0,009618	0	-0,000855	0
10	LM71DX	LinStatic	-3,152E-07	0	-0,006834	0	0,000425	0
10	STLM71	LinStatic	0,020356	0	0,003238	0	0,001532	0
10	AVVLM71	LinStatic	0,01798	0	0,005744	0	0,002672	0
10	SW2	LinStatic	-2,48E-07	0	-0,008322	0	-0,000216	0
10	STSW2	LinStatic	0,034686	0	0,005517	0	0,00261	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
10	INCRTER	LinStatic	0,154673	0	0,024604	0	0,011639	0
10	LM71SISO	LinStatic	0,00586	0	0,001872	0	0,000871	0
10	SW2SISO	LinStatic	0,00512	0	0,001636	0	0,000761	0
10	SISMAO	LinStatic	0,056779	0	0,013771	0	0,006411	0
10	LM71SVA	LinStatic	8,809E-09	0	0,000296	0	7,662E-06	0
10	SW2SVA	LinStatic	7,686E-09	0	0,000258	0	6,685E-06	0
10	SISMAVA	LinStatic	-1,638E-07	0	0,003156	0	7,6E-05	0
10	LM71SVB	LinStatic	-8,809E-09	0	-0,000296	0	-7,662E-06	0
10	SW2SVB	LinStatic	-7,686E-09	0	-0,000258	0	-6,685E-06	0
10	SISMAVB	LinStatic	1,638E-07	0	-0,003156	0	-7,6E-05	0
11	PP	LinStatic	1,091E-06	0	-0,019168	0	-0,000301	0
11	REINTSUP	LinStatic	-8,514E-08	0	-0,003216	0	-7,6E-05	0
11	BALLAST	LinStatic	-7,512E-08	0	-0,002838	0	-6,7E-05	0
11	STERRASX	LinStatic	0,125674	0	0,013289	0	0,007148	0
11	STERRADX	LinStatic	-0,125653	0	-0,013444	0	-0,00694	0
11	TERMP	LinStatic	-1,009E-07	0	4,591E-06	0	-6,17E-06	0
11	TERMN	LinStatic	3,027E-07	0	-1,4E-05	0	1,9E-05	0
11	GRADTP	LinStatic	5,075E-07	0	-8,536E-06	0	1,1E-05	0
11	GRADTN	LinStatic	-5,075E-07	0	8,536E-06	0	-1,1E-05	0
11	LM71C	LinStatic	-3,375E-07	0	-0,008171	0	-0,000196	0
11	LM71SX	LinStatic	-2,781E-07	0	-0,009399	0	-0,000833	0
11	LM71DX	LinStatic	-2,781E-07	0	-0,006945	0	0,000444	0
11	STLM71	LinStatic	0,020355	0	0,002845	0	0,00152	0
11	AVVLM71	LinStatic	0,01798	0	0,005058	0	0,002657	0
11	SW2	LinStatic	-2,188E-07	0	-0,008267	0	-0,000195	0
11	STSW2	LinStatic	0,034685	0	0,004848	0	0,00259	0
11	INCRTER	LinStatic	0,15467	0	0,021618	0	0,01155	0
11	LM71SISO	LinStatic	0,00586	0	0,001648	0	0,000866	0
11	SW2SISO	LinStatic	0,00512	0	0,00144	0	0,000757	0
11	SISMAO	LinStatic	0,056779	0	0,012125	0	0,006374	0
11	LM71SVA	LinStatic	7,773E-09	0	0,000294	0	6,939E-06	0
11	SW2SVA	LinStatic	6,782E-09	0	0,000256	0	6,054E-06	0
11	SISMAVA	LinStatic	-1,445E-07	0	0,003136	0	6,9E-05	0
11	LM71SVB	LinStatic	-7,773E-09	0	-0,000294	0	-6,939E-06	0
11	SW2SVB	LinStatic	-6,782E-09	0	-0,000256	0	-6,054E-06	0
11	SISMAVB	LinStatic	1,445E-07	0	-0,003136	0	-6,9E-05	0
12	PP	LinStatic	9,455E-07	0	-0,019091	0	-0,000267	0
12	REINTSUP	LinStatic	-7,378E-08	0	-0,003197	0	-6,7E-05	0
12	BALLAST	LinStatic	-6,51E-08	0	-0,002821	0	-5,9E-05	0
12	STERRASX	LinStatic	0,125671	0	0,011457	0	0,007091	0
12	STERRADX	LinStatic	-0,125653	0	-0,011662	0	-0,006911	0
12	TERMP	LinStatic	-8,746E-08	0	6,075E-06	0	-5,342E-06	0
12	TERMN	LinStatic	2,624E-07	0	-1,8E-05	0	1,6E-05	0
12	GRADTP	LinStatic	4,399E-07	0	-1,1E-05	0	9,933E-06	0
12	GRADTN	LinStatic	-4,399E-07	0	1,1E-05	0	-9,933E-06	0
12	LM71C	LinStatic	-2,925E-07	0	-0,008121	0	-0,000174	0
12	LM71SX	LinStatic	-2,41E-07	0	-0,009185	0	-0,000809	0
12	LM71DX	LinStatic	-2,41E-07	0	-0,00706	0	0,000465	0
12	STLM71	LinStatic	0,020355	0	0,002455	0	0,001509	0
12	AVVLM71	LinStatic	0,017979	0	0,004375	0	0,002644	0
12	SW2	LinStatic	-1,897E-07	0	-0,008218	0	-0,000173	0
12	STSW2	LinStatic	0,034685	0	0,004184	0	0,002572	0
12	INCRTER	LinStatic	0,154668	0	0,018656	0	0,011468	0
12	LM71SISO	LinStatic	0,00586	0	0,001426	0	0,000862	0
12	SW2SISO	LinStatic	0,00512	0	0,001246	0	0,000753	0
12	SISMAO	LinStatic	0,056778	0	0,010488	0	0,00634	0
12	LM71SVA	LinStatic	6,736E-09	0	0,000292	0	6,148E-06	0
12	SW2SVA	LinStatic	5,877E-09	0	0,000255	0	5,364E-06	0
12	SISMAVA	LinStatic	-1,253E-07	0	0,003119	0	6,1E-05	0
12	LM71SVB	LinStatic	-6,736E-09	0	-0,000292	0	-6,148E-06	0
12	SW2SVB	LinStatic	-5,877E-09	0	-0,000255	0	-5,364E-06	0
12	SISMAVB	LinStatic	1,253E-07	0	-0,003119	0	-6,1E-05	0
13	PP	LinStatic	8,001E-07	0	-0,019025	0	-0,000231	0
13	REINTSUP	LinStatic	-6,243E-08	0	-0,00318	0	-5,8E-05	0
13	BALLAST	LinStatic	-5,509E-08	0	-0,002806	0	-5,1E-05	0
13	STERRASX	LinStatic	0,125669	0	0,009639	0	0,007041	0
13	STERRADX	LinStatic	-0,125654	0	-0,009887	0	-0,006888	0
13	TERMP	LinStatic	-7,4E-08	0	7,345E-06	0	-4,517E-06	0
13	TERMN	LinStatic	2,22E-07	0	-2,2E-05	0	1,4E-05	0
13	GRADTP	LinStatic	3,722E-07	0	-1,4E-05	0	8,398E-06	0
13	GRADTN	LinStatic	-3,722E-07	0	1,4E-05	0	-8,398E-06	0
13	LM71C	LinStatic	-2,475E-07	0	-0,008078	0	-0,00015	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
13	LM71SX	LinStatic	-2,039E-07	0	-0,008978	0	-0,000784	0
13	LM71DX	LinStatic	-2,039E-07	0	-0,007181	0	0,000487	0
13	STLM71	LinStatic	0,020355	0	0,002068	0	0,0015	0
13	AVVLM71	LinStatic	0,017979	0	0,003696	0	0,002632	0
13	SW2	LinStatic	-1,605E-07	0	-0,008174	0	-0,000149	0
13	STSW2	LinStatic	0,034684	0	0,003524	0	0,002555	0
13	INCRTER	LinStatic	0,154666	0	0,015714	0	0,011394	0
13	LM71SISO	LinStatic	0,00586	0	0,001205	0	0,000858	0
13	SW2SISO	LinStatic	0,00512	0	0,001053	0	0,000749	0
13	SISMAO	LinStatic	0,056778	0	0,00886	0	0,006311	0
13	LM71SVA	LinStatic	5,7E-09	0	0,00029	0	5,3E-06	0
13	SW2SVA	LinStatic	4,973E-09	0	0,000253	0	4,624E-06	0
13	SISMAVA	LinStatic	-1,06E-07	0	0,003104	0	5,3E-05	0
13	LM71SVB	LinStatic	-5,7E-09	0	-0,00029	0	-5,3E-06	0
13	SW2SVB	LinStatic	-4,973E-09	0	-0,000253	0	-4,624E-06	0
13	SISMAVB	LinStatic	1,06E-07	0	-0,003104	0	-5,3E-05	0
14	PP	LinStatic	6,546E-07	0	-0,018968	0	-0,000192	0
14	REINTSUP	LinStatic	-5,108E-08	0	-0,003166	0	-4,8E-05	0
14	BALLAST	LinStatic	-4,507E-08	0	-0,002794	0	-4,3E-05	0
14	STERRASX	LinStatic	0,125667	0	0,007833	0	0,006995	0
14	STERRADX	LinStatic	-0,125655	0	-0,008117	0	-0,006871	0
14	TERMP	LinStatic	-6,055E-08	0	8,403E-06	0	-3,694E-06	0
14	TERMN	LinStatic	1,816E-07	0	-2,5E-05	0	1,1E-05	0
14	GRADTP	LinStatic	3,045E-07	0	-1,6E-05	0	6,867E-06	0
14	GRADTN	LinStatic	-3,045E-07	0	1,6E-05	0	-6,867E-06	0
14	LM71C	LinStatic	-2,025E-07	0	-0,008042	0	-0,000124	0
14	LM71SX	LinStatic	-1,669E-07	0	-0,008778	0	-0,000758	0
14	LM71DX	LinStatic	-1,669E-07	0	-0,007309	0	0,000511	0
14	STLM71	LinStatic	0,020354	0	0,001683	0	0,001491	0
14	AVVLM71	LinStatic	0,017979	0	0,00302	0	0,002622	0
14	SW2	LinStatic	-1,313E-07	0	-0,008138	0	-0,000124	0
14	STSW2	LinStatic	0,034684	0	0,002868	0	0,002541	0
14	INCRTER	LinStatic	0,154664	0	0,012791	0	0,011329	0
14	LM71SISO	LinStatic	0,00586	0	0,000984	0	0,000855	0
14	SW2SISO	LinStatic	0,00512	0	0,00086	0	0,000747	0
14	SISMAO	LinStatic	0,056778	0	0,007239	0	0,006286	0
14	LM71SVA	LinStatic	4,664E-09	0	0,000289	0	4,403E-06	0
14	SW2SVA	LinStatic	4,069E-09	0	0,000252	0	3,842E-06	0
14	SISMAVA	LinStatic	-8,671E-08	0	0,003091	0	4,4E-05	0
14	LM71SVB	LinStatic	-4,664E-09	0	-0,000289	0	-4,403E-06	0
14	SW2SVB	LinStatic	-4,069E-09	0	-0,000252	0	-3,842E-06	0
14	SISMAVB	LinStatic	8,671E-08	0	-0,003091	0	-4,4E-05	0
15	PP	LinStatic	5,091E-07	0	-0,018922	0	-0,000152	0
15	REINTSUP	LinStatic	-3,973E-08	0	-0,003154	0	-3,8E-05	0
15	BALLAST	LinStatic	-3,506E-08	0	-0,002783	0	-3,3E-05	0
15	STERRASX	LinStatic	0,125665	0	0,006039	0	0,006956	0
15	STERRADX	LinStatic	-0,125656	0	-0,006351	0	-0,006859	0
15	TERMP	LinStatic	-4,709E-08	0	9,249E-06	0	-2,871E-06	0
15	TERMN	LinStatic	1,413E-07	0	-2,8E-05	0	8,614E-06	0
15	GRADTP	LinStatic	2,369E-07	0	-1,7E-05	0	5,338E-06	0
15	GRADTN	LinStatic	-2,369E-07	0	1,7E-05	0	-5,338E-06	0
15	LM71C	LinStatic	-1,575E-07	0	-0,008012	0	-9,8E-05	0
15	LM71SX	LinStatic	-1,298E-07	0	-0,008585	0	-0,000731	0
15	LM71DX	LinStatic	-1,298E-07	0	-0,007443	0	0,000537	0
15	STLM71	LinStatic	0,020354	0	0,001301	0	0,001484	0
15	AVVLM71	LinStatic	0,017979	0	0,002347	0	0,002614	0
15	SW2	LinStatic	-1,021E-07	0	-0,008109	0	-9,8E-05	0
15	STSW2	LinStatic	0,034683	0	0,002216	0	0,002528	0
15	INCRTER	LinStatic	0,154662	0	0,009884	0	0,011274	0
15	LM71SISO	LinStatic	0,00586	0	0,000765	0	0,000852	0
15	SW2SISO	LinStatic	0,00512	0	0,000668	0	0,000744	0
15	SISMAO	LinStatic	0,056778	0	0,005624	0	0,006266	0
15	LM71SVA	LinStatic	3,627E-09	0	0,000288	0	3,466E-06	0
15	SW2SVA	LinStatic	3,165E-09	0	0,000251	0	3,024E-06	0
15	SISMAVA	LinStatic	-6,744E-08	0	0,00308	0	3,5E-05	0
15	LM71SVB	LinStatic	-3,627E-09	0	-0,000288	0	-3,466E-06	0
15	SW2SVB	LinStatic	-3,165E-09	0	-0,000251	0	-3,024E-06	0
15	SISMAVB	LinStatic	6,744E-08	0	-0,00308	0	-3,5E-05	0
16	PP	LinStatic	3,637E-07	0	-0,018887	0	-0,000109	0
16	REINTSUP	LinStatic	-2,838E-08	0	-0,003146	0	-2,7E-05	0
16	BALLAST	LinStatic	-2,504E-08	0	-0,002776	0	-2,4E-05	0
16	STERRASX	LinStatic	0,125663	0	0,004254	0	0,006923	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
16	STERRADX	LinStatic	-0,125657	0	-0,004587	0	-0,006854	0
16	TERMP	LinStatic	-3,364E-08	0	9,883E-06	0	-2,05E-06	0
16	TERMN	LinStatic	1,009E-07	0	-3E-05	0	6,15E-06	0
16	GRADTP	LinStatic	1,692E-07	0	-1,8E-05	0	3,812E-06	0
16	GRADTN	LinStatic	-1,692E-07	0	1,8E-05	0	-3,812E-06	0
16	LM71C	LinStatic	-1,125E-07	0	-0,00799	0	-7E-05	0
16	LM71SX	LinStatic	-9,27E-08	0	-0,0084	0	-0,000703	0
16	LM71DX	LinStatic	-9,27E-08	0	-0,007584	0	0,000563	0
16	STLM71	LinStatic	0,020354	0	0,00092	0	0,001478	0
16	AVVLM71	LinStatic	0,017979	0	0,001675	0	0,002608	0
16	SW2	LinStatic	-7,295E-08	0	-0,008086	0	-7E-05	0
16	STSW2	LinStatic	0,034683	0	0,001567	0	0,002518	0
16	INCRTER	LinStatic	0,15466	0	0,006989	0	0,011228	0
16	LM71SISO	LinStatic	0,00586	0	0,000546	0	0,00085	0
16	SW2SISO	LinStatic	0,00512	0	0,000477	0	0,000743	0
16	SISMAO	LinStatic	0,056777	0	0,004013	0	0,00625	0
16	LM71SVA	LinStatic	2,591E-09	0	0,000287	0	2,498E-06	0
16	SW2SVA	LinStatic	2,261E-09	0	0,000251	0	2,179E-06	0
16	SISMAVA	LinStatic	-4,817E-08	0	0,003072	0	2,5E-05	0
16	LM71SVB	LinStatic	-2,591E-09	0	-0,000287	0	-2,498E-06	0
16	SW2SVB	LinStatic	-2,261E-09	0	-0,000251	0	-2,179E-06	0
16	SISMAVB	LinStatic	4,817E-08	0	-0,003072	0	-2,5E-05	0
17	PP	LinStatic	2,182E-07	0	-0,018864	0	-6,6E-05	0
17	REINTSUP	LinStatic	-1,703E-08	0	-0,00314	0	-1,7E-05	0
17	BALLAST	LinStatic	-1,502E-08	0	-0,002771	0	-1,5E-05	0
17	STERRASX	LinStatic	0,125662	0	0,002477	0	0,006896	0
17	STERRADX	LinStatic	-0,125658	0	-0,002824	0	-0,006855	0
17	TERMP	LinStatic	-2,018E-08	0	1E-05	0	-1,23E-06	0
17	TERMN	LinStatic	6,055E-08	0	-3,1E-05	0	3,689E-06	0
17	GRADTP	LinStatic	1,015E-07	0	-1,9E-05	0	2,286E-06	0
17	GRADTN	LinStatic	-1,015E-07	0	1,9E-05	0	-2,286E-06	0
17	LM71C	LinStatic	-6,749E-08	0	-0,007975	0	-4,3E-05	0
17	LM71SX	LinStatic	-5,562E-08	0	-0,008222	0	-0,000675	0
17	LM71DX	LinStatic	-5,562E-08	0	-0,007732	0	0,000591	0
17	STLM71	LinStatic	0,020354	0	0,00054	0	0,001473	0
17	AVVLM71	LinStatic	0,017979	0	0,001004	0	0,002603	0
17	SW2	LinStatic	-4,377E-08	0	-0,008071	0	-4,2E-05	0
17	STSW2	LinStatic	0,034682	0	0,000921	0	0,00251	0
17	INCRTER	LinStatic	0,154658	0	0,004106	0	0,011192	0
17	LM71SISO	LinStatic	0,00586	0	0,000327	0	0,000848	0
17	SW2SISO	LinStatic	0,00512	0	0,000286	0	0,000741	0
17	SISMAO	LinStatic	0,056777	0	0,002407	0	0,00624	0
17	LM71SVA	LinStatic	1,555E-09	0	0,000287	0	1,508E-06	0
17	SW2SVA	LinStatic	1,356E-09	0	0,00025	0	1,315E-06	0
17	SISMAVA	LinStatic	-2,89E-08	0	0,003067	0	1,5E-05	0
17	LM71SVB	LinStatic	-1,555E-09	0	-0,000287	0	-1,508E-06	0
17	SW2SVB	LinStatic	-1,356E-09	0	-0,00025	0	-1,315E-06	0
17	SISMAVB	LinStatic	2,89E-08	0	-0,003067	0	-1,5E-05	0
18	PP	LinStatic	7,273E-08	0	-0,018852	0	-2,2E-05	0
18	REINTSUP	LinStatic	-5,676E-09	0	-0,003137	0	-5,52E-06	0
18	BALLAST	LinStatic	-5,008E-09	0	-0,002768	0	-4,871E-06	0
18	STERRASX	LinStatic	0,12566	0	0,000706	0	0,006876	0
18	STERRADX	LinStatic	-0,125659	0	-0,001061	0	-0,006862	0
18	TERMP	LinStatic	-6,728E-09	0	1,1E-05	0	-4,099E-07	0
18	TERMN	LinStatic	2,018E-08	0	-3,2E-05	0	1,23E-06	0
18	GRADTP	LinStatic	3,384E-08	0	-2E-05	0	7,62E-07	0
18	GRADTN	LinStatic	-3,384E-08	0	2E-05	0	-7,62E-07	0
18	LM71C	LinStatic	-2,25E-08	0	-0,007967	0	-1,4E-05	0
18	LM71SX	LinStatic	-1,854E-08	0	-0,008051	0	-0,000647	0
18	LM71DX	LinStatic	-1,854E-08	0	-0,007888	0	0,000619	0
18	STLM71	LinStatic	0,020354	0	0,000162	0	0,001469	0
18	AVVLM71	LinStatic	0,017979	0	0,000335	0	0,002601	0
18	SW2	LinStatic	-1,459E-08	0	-0,008064	0	-1,4E-05	0
18	STSW2	LinStatic	0,034682	0	0,000276	0	0,002504	0
18	INCRTER	LinStatic	0,154657	0	0,001231	0	0,011166	0
18	LM71SISO	LinStatic	0,00586	0	0,000109	0	0,000848	0
18	SW2SISO	LinStatic	0,00512	0	9,5E-05	0	0,000741	0
18	SISMAO	LinStatic	0,056777	0	0,000802	0	0,006235	0
18	LM71SVA	LinStatic	5,182E-10	0	0,000286	0	5,04E-07	0
18	SW2SVA	LinStatic	4,521E-10	0	0,00025	0	4,397E-07	0
18	SISMAVA	LinStatic	-9,635E-09	0	0,003064	0	5,036E-06	0
18	LM71SVB	LinStatic	-5,182E-10	0	-0,000286	0	-5,04E-07	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
18	SW2SVB	LinStatic	-4,521E-10	0	-0,00025	0	-4,397E-07	0
18	SISMAVB	LinStatic	9,635E-09	0	-0,003064	0	-5,036E-06	0
19	PP	LinStatic	-7,273E-08	0	-0,018852	0	2,2E-05	0
19	REINTSUP	LinStatic	5,676E-09	0	-0,003137	0	5,52E-06	0
19	BALLAST	LinStatic	5,008E-09	0	-0,002768	0	4,871E-06	0
19	STERRASX	LinStatic	0,125659	0	-0,001061	0	0,006862	0
19	STERRADX	LinStatic	-0,12566	0	0,000706	0	-0,006876	0
19	TERMP	LinStatic	6,728E-09	0	1,1E-05	0	4,099E-07	0
19	TERMN	LinStatic	-2,018E-08	0	-3,2E-05	0	-1,23E-06	0
19	GRADTP	LinStatic	-3,384E-08	0	-2E-05	0	-7,62E-07	0
19	GRADTN	LinStatic	3,384E-08	0	2E-05	0	7,62E-07	0
19	LM71C	LinStatic	2,25E-08	0	-0,007967	0	1,4E-05	0
19	LM71SX	LinStatic	1,854E-08	0	-0,007888	0	-0,000619	0
19	LM71DX	LinStatic	1,854E-08	0	-0,008051	0	0,000647	0
19	STLM71	LinStatic	0,020353	0	-0,000216	0	0,001467	0
19	AVVLM71	LinStatic	0,017979	0	-0,000335	0	0,002601	0
19	SW2	LinStatic	1,459E-08	0	-0,008064	0	1,4E-05	0
19	STSW2	LinStatic	0,034682	0	-0,000367	0	0,0025	0
19	INCRTER	LinStatic	0,154655	0	-0,001639	0	0,01115	0
19	LM71SISO	LinStatic	0,00586	0	-0,000109	0	0,000848	0
19	SW2SISO	LinStatic	0,00512	0	-9,5E-05	0	0,000741	0
19	SISMAO	LinStatic	0,056777	0	-0,000802	0	0,006235	0
19	LM71SVA	LinStatic	-5,182E-10	0	0,000286	0	-5,04E-07	0
19	SW2SVA	LinStatic	-4,521E-10	0	0,00025	0	-4,397E-07	0
19	SISMAVA	LinStatic	9,635E-09	0	0,003064	0	-5,036E-06	0
19	LM71SVB	LinStatic	5,182E-10	0	-0,000286	0	5,04E-07	0
19	SW2SVB	LinStatic	4,521E-10	0	-0,00025	0	4,397E-07	0
19	SISMAVB	LinStatic	-9,635E-09	0	-0,003064	0	5,036E-06	0
20	PP	LinStatic	-2,182E-07	0	-0,018864	0	6,6E-05	0
20	REINTSUP	LinStatic	1,703E-08	0	-0,00314	0	1,7E-05	0
20	BALLAST	LinStatic	1,502E-08	0	-0,002771	0	1,5E-05	0
20	STERRASX	LinStatic	0,125658	0	-0,002824	0	0,006855	0
20	STERRADX	LinStatic	-0,125662	0	0,002477	0	-0,006896	0
20	TERMP	LinStatic	2,018E-08	0	1E-05	0	1,23E-06	0
20	TERMN	LinStatic	-6,055E-08	0	-3,1E-05	0	-3,689E-06	0
20	GRADTP	LinStatic	-1,015E-07	0	-1,9E-05	0	-2,286E-06	0
20	GRADTN	LinStatic	1,015E-07	0	1,9E-05	0	2,286E-06	0
20	LM71C	LinStatic	6,749E-08	0	-0,007975	0	4,3E-05	0
20	LM71SX	LinStatic	5,562E-08	0	-0,007732	0	-0,000591	0
20	LM71DX	LinStatic	5,562E-08	0	-0,008222	0	0,000675	0
20	STLM71	LinStatic	0,020353	0	-0,000593	0	0,001467	0
20	AVVLM71	LinStatic	0,017979	0	-0,001004	0	0,002603	0
20	SW2	LinStatic	4,377E-08	0	-0,008071	0	4,2E-05	0
20	STSW2	LinStatic	0,034682	0	-0,00101	0	0,002499	0
20	INCRTER	LinStatic	0,154654	0	-0,004506	0	0,011144	0
20	LM71SISO	LinStatic	0,00586	0	-0,000327	0	0,000848	0
20	SW2SISO	LinStatic	0,00512	0	-0,000286	0	0,000741	0
20	SISMAO	LinStatic	0,056777	0	-0,002407	0	0,00624	0
20	LM71SVA	LinStatic	-1,555E-09	0	0,000287	0	-1,508E-06	0
20	SW2SVA	LinStatic	-1,356E-09	0	0,00025	0	-1,315E-06	0
20	SISMAVA	LinStatic	2,89E-08	0	0,003067	0	-1,5E-05	0
20	LM71SVB	LinStatic	1,555E-09	0	-0,000287	0	1,508E-06	0
20	SW2SVB	LinStatic	1,356E-09	0	-0,00025	0	1,315E-06	0
20	SISMAVB	LinStatic	-2,89E-08	0	-0,003067	0	1,5E-05	0
21	PP	LinStatic	-3,637E-07	0	-0,018887	0	0,000109	0
21	REINTSUP	LinStatic	2,838E-08	0	-0,003146	0	2,7E-05	0
21	BALLAST	LinStatic	2,504E-08	0	-0,002776	0	2,4E-05	0
21	STERRASX	LinStatic	0,125657	0	-0,004587	0	0,006854	0
21	STERRADX	LinStatic	-0,125663	0	0,004254	0	-0,006923	0
21	TERMP	LinStatic	3,364E-08	0	9,883E-06	0	2,05E-06	0
21	TERMN	LinStatic	-1,009E-07	0	-3E-05	0	-6,15E-06	0
21	GRADTP	LinStatic	-1,692E-07	0	-1,8E-05	0	-3,812E-06	0
21	GRADTN	LinStatic	1,692E-07	0	1,8E-05	0	3,812E-06	0
21	LM71C	LinStatic	1,125E-07	0	-0,00799	0	7E-05	0
21	LM71SX	LinStatic	9,27E-08	0	-0,007584	0	-0,000563	0
21	LM71DX	LinStatic	9,27E-08	0	-0,0084	0	0,000703	0
21	STLM71	LinStatic	0,020353	0	-0,00097	0	0,001467	0
21	AVVLM71	LinStatic	0,017979	0	-0,001675	0	0,002608	0
21	SW2	LinStatic	7,295E-08	0	-0,008086	0	7E-05	0
21	STSW2	LinStatic	0,034681	0	-0,001653	0	0,0025	0
21	INCRTER	LinStatic	0,154653	0	-0,007373	0	0,011148	0
21	LM71SISO	LinStatic	0,00586	0	-0,000546	0	0,00085	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
21	SW2SISO	LinStatic	0,00512	0	-0,000477	0	0,000743	0
21	SISMAO	LinStatic	0,056777	0	-0,004013	0	0,00625	0
21	LM71SVA	LinStatic	-2,591E-09	0	0,000287	0	-2,498E-06	0
21	SW2SVA	LinStatic	-2,261E-09	0	0,000251	0	-2,179E-06	0
21	SISMAVA	LinStatic	4,817E-08	0	0,003072	0	-2,5E-05	0
21	LM71SVB	LinStatic	2,591E-09	0	-0,000287	0	2,498E-06	0
21	SW2SVB	LinStatic	2,261E-09	0	-0,000251	0	2,179E-06	0
21	SISMAVB	LinStatic	-4,817E-08	0	-0,003072	0	2,5E-05	0
22	PP	LinStatic	-5,091E-07	0	-0,018922	0	0,000152	0
22	REINTSUP	LinStatic	3,973E-08	0	-0,003154	0	3,8E-05	0
22	BALLAST	LinStatic	3,506E-08	0	-0,002783	0	3,3E-05	0
22	STERRASX	LinStatic	0,125656	0	-0,006351	0	0,006859	0
22	STERRADX	LinStatic	-0,125665	0	0,006039	0	-0,006956	0
22	TERMP	LinStatic	4,709E-08	0	9,249E-06	0	2,871E-06	0
22	TERMN	LinStatic	-1,413E-07	0	-2,8E-05	0	-8,614E-06	0
22	GRADTP	LinStatic	-2,369E-07	0	-1,7E-05	0	-5,338E-06	0
22	GRADTN	LinStatic	2,369E-07	0	1,7E-05	0	5,338E-06	0
22	LM71C	LinStatic	1,575E-07	0	-0,008012	0	9,8E-05	0
22	LM71SX	LinStatic	1,298E-07	0	-0,007443	0	-0,000537	0
22	LM71DX	LinStatic	1,298E-07	0	-0,008585	0	0,000731	0
22	STLM71	LinStatic	0,020353	0	-0,001348	0	0,001469	0
22	AVVLM71	LinStatic	0,017979	0	-0,002347	0	0,002614	0
22	SW2	LinStatic	1,021E-07	0	-0,008109	0	9,8E-05	0
22	STSW2	LinStatic	0,034681	0	-0,002297	0	0,002503	0
22	INCRTER	LinStatic	0,154652	0	-0,010242	0	0,011162	0
22	LM71SISO	LinStatic	0,00586	0	-0,000765	0	0,000852	0
22	SW2SISO	LinStatic	0,00512	0	-0,000668	0	0,000744	0
22	SISMAO	LinStatic	0,056778	0	-0,005624	0	0,006266	0
22	LM71SVA	LinStatic	-3,627E-09	0	0,000288	0	-3,466E-06	0
22	SW2SVA	LinStatic	-3,165E-09	0	0,000251	0	-3,024E-06	0
22	SISMAVA	LinStatic	6,744E-08	0	0,00308	0	-3,5E-05	0
22	LM71SVB	LinStatic	3,627E-09	0	-0,000288	0	3,466E-06	0
22	SW2SVB	LinStatic	3,165E-09	0	-0,000251	0	3,024E-06	0
22	SISMAVB	LinStatic	-6,744E-08	0	-0,00308	0	3,5E-05	0
23	PP	LinStatic	-6,546E-07	0	-0,018968	0	0,000192	0
23	REINTSUP	LinStatic	5,108E-08	0	-0,003166	0	4,8E-05	0
23	BALLAST	LinStatic	4,507E-08	0	-0,002794	0	4,3E-05	0
23	STERRASX	LinStatic	0,125655	0	-0,008117	0	0,006871	0
23	STERRADX	LinStatic	-0,125667	0	0,007833	0	-0,006995	0
23	TERMP	LinStatic	6,055E-08	0	8,403E-06	0	3,694E-06	0
23	TERMN	LinStatic	-1,816E-07	0	-2,5E-05	0	-1,1E-05	0
23	GRADTP	LinStatic	-3,045E-07	0	-1,6E-05	0	-6,867E-06	0
23	GRADTN	LinStatic	3,045E-07	0	1,6E-05	0	6,867E-06	0
23	LM71C	LinStatic	2,025E-07	0	-0,008042	0	0,000124	0
23	LM71SX	LinStatic	1,669E-07	0	-0,007309	0	-0,000511	0
23	LM71DX	LinStatic	1,669E-07	0	-0,008778	0	0,000758	0
23	STLM71	LinStatic	0,020353	0	-0,001726	0	0,001472	0
23	AVVLM71	LinStatic	0,017979	0	-0,00302	0	0,002622	0
23	SW2	LinStatic	1,313E-07	0	-0,008138	0	0,000124	0
23	STSW2	LinStatic	0,034681	0	-0,002941	0	0,002508	0
23	INCRTER	LinStatic	0,154651	0	-0,013117	0	0,011186	0
23	LM71SISO	LinStatic	0,00586	0	-0,000984	0	0,000855	0
23	SW2SISO	LinStatic	0,00512	0	-0,00086	0	0,000747	0
23	SISMAO	LinStatic	0,056778	0	-0,007239	0	0,006286	0
23	LM71SVA	LinStatic	-4,664E-09	0	0,000289	0	-4,403E-06	0
23	SW2SVA	LinStatic	-4,069E-09	0	0,000252	0	-3,842E-06	0
23	SISMAVA	LinStatic	8,671E-08	0	0,003091	0	-4,4E-05	0
23	LM71SVB	LinStatic	4,664E-09	0	-0,000289	0	4,403E-06	0
23	SW2SVB	LinStatic	4,069E-09	0	-0,000252	0	3,842E-06	0
23	SISMAVB	LinStatic	-8,671E-08	0	-0,003091	0	4,4E-05	0
24	PP	LinStatic	-8,001E-07	0	-0,019025	0	0,000231	0
24	REINTSUP	LinStatic	6,243E-08	0	-0,00318	0	5,8E-05	0
24	BALLAST	LinStatic	5,509E-08	0	-0,002806	0	5,1E-05	0
24	STERRASX	LinStatic	0,125654	0	-0,009887	0	0,006888	0
24	STERRADX	LinStatic	-0,125669	0	0,009639	0	-0,007041	0
24	TERMP	LinStatic	7,4E-08	0	7,345E-06	0	4,517E-06	0
24	TERMN	LinStatic	-2,22E-07	0	-2,2E-05	0	-1,4E-05	0
24	GRADTP	LinStatic	-3,722E-07	0	-1,4E-05	0	-8,398E-06	0
24	GRADTN	LinStatic	3,722E-07	0	1,4E-05	0	8,398E-06	0
24	LM71C	LinStatic	2,475E-07	0	-0,008078	0	0,00015	0
24	LM71SX	LinStatic	2,039E-07	0	-0,007181	0	-0,000487	0
24	LM71DX	LinStatic	2,039E-07	0	-0,008978	0	0,000784	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
24	STLM71	LinStatic	0,020353	0	-0,002106	0	0,001476	0
24	AVVLM71	LinStatic	0,017979	0	-0,003696	0	0,002632	0
24	SW2	LinStatic	1,605E-07	0	-0,008174	0	0,000149	0
24	STSW2	LinStatic	0,034681	0	-0,003588	0	0,002516	0
24	INCRTER	LinStatic	0,154651	0	-0,015999	0	0,011219	0
24	LM71SISO	LinStatic	0,00586	0	-0,001205	0	0,000858	0
24	SW2SISO	LinStatic	0,00512	0	-0,001053	0	0,000749	0
24	SISMAO	LinStatic	0,056778	0	-0,00886	0	0,006311	0
24	LM71SVA	LinStatic	-5,7E-09	0	0,00029	0	-5,3E-06	0
24	SW2SVA	LinStatic	-4,973E-09	0	0,000253	0	-4,624E-06	0
24	SISMAVA	LinStatic	1,06E-07	0	0,003104	0	-5,3E-05	0
24	LM71SVB	LinStatic	5,7E-09	0	-0,00029	0	5,3E-06	0
24	SW2SVB	LinStatic	4,973E-09	0	-0,000253	0	4,624E-06	0
24	SISMAVB	LinStatic	-1,06E-07	0	-0,003104	0	5,3E-05	0
25	PP	LinStatic	-9,455E-07	0	-0,019091	0	0,000267	0
25	REINTSUP	LinStatic	7,378E-08	0	-0,003197	0	6,7E-05	0
25	BALLAST	LinStatic	6,51E-08	0	-0,002821	0	5,9E-05	0
25	STERRASX	LinStatic	0,125653	0	-0,011662	0	0,006911	0
25	STERRADX	LinStatic	-0,125671	0	0,011457	0	-0,007091	0
25	TERMP	LinStatic	8,746E-08	0	6,075E-06	0	5,342E-06	0
25	TERMN	LinStatic	-2,624E-07	0	-1,8E-05	0	-1,6E-05	0
25	GRADTP	LinStatic	-4,399E-07	0	-1,1E-05	0	-9,933E-06	0
25	GRADTN	LinStatic	4,399E-07	0	1,1E-05	0	9,933E-06	0
25	LM71C	LinStatic	2,925E-07	0	-0,008121	0	0,000174	0
25	LM71SX	LinStatic	2,41E-07	0	-0,00706	0	-0,000465	0
25	LM71DX	LinStatic	2,41E-07	0	-0,009185	0	0,000809	0
25	STLM71	LinStatic	0,020353	0	-0,002486	0	0,001482	0
25	AVVLM71	LinStatic	0,017979	0	-0,004375	0	0,002644	0
25	SW2	LinStatic	1,897E-07	0	-0,008218	0	0,000173	0
25	STSW2	LinStatic	0,034681	0	-0,004237	0	0,002525	0
25	INCRTER	LinStatic	0,15465	0	-0,018892	0	0,011261	0
25	LM71SISO	LinStatic	0,00586	0	-0,001426	0	0,000862	0
25	SW2SISO	LinStatic	0,00512	0	-0,001246	0	0,000753	0
25	SISMAO	LinStatic	0,056778	0	-0,010488	0	0,00634	0
25	LM71SVA	LinStatic	-6,736E-09	0	0,000292	0	-6,148E-06	0
25	SW2SVA	LinStatic	-5,877E-09	0	0,000255	0	-5,364E-06	0
25	SISMAVA	LinStatic	1,253E-07	0	0,003119	0	-6,1E-05	0
25	LM71SVB	LinStatic	6,736E-09	0	-0,000292	0	6,148E-06	0
25	SW2SVB	LinStatic	5,877E-09	0	-0,000255	0	5,364E-06	0
25	SISMAVB	LinStatic	-1,253E-07	0	-0,003119	0	6,1E-05	0
26	PP	LinStatic	-1,091E-06	0	-0,019168	0	0,000301	0
26	REINTSUP	LinStatic	8,514E-08	0	-0,003216	0	7,6E-05	0
26	BALLAST	LinStatic	7,512E-08	0	-0,002838	0	6,7E-05	0
26	STERRASX	LinStatic	0,125653	0	-0,013444	0	0,00694	0
26	STERRADX	LinStatic	-0,125674	0	0,013289	0	-0,007148	0
26	TERMP	LinStatic	1,009E-07	0	4,591E-06	0	6,17E-06	0
26	TERMN	LinStatic	-3,027E-07	0	-1,4E-05	0	-1,9E-05	0
26	GRADTP	LinStatic	-5,075E-07	0	-8,536E-06	0	-1,1E-05	0
26	GRADTN	LinStatic	5,075E-07	0	8,536E-06	0	1,1E-05	0
26	LM71C	LinStatic	3,375E-07	0	-0,008171	0	0,000196	0
26	LM71SX	LinStatic	2,781E-07	0	-0,006945	0	-0,000444	0
26	LM71DX	LinStatic	2,781E-07	0	-0,009399	0	0,000833	0
26	STLM71	LinStatic	0,020353	0	-0,002869	0	0,001489	0
26	AVVLM71	LinStatic	0,01798	0	-0,005058	0	0,002657	0
26	SW2	LinStatic	2,188E-07	0	-0,008267	0	0,000195	0
26	STSW2	LinStatic	0,034681	0	-0,004888	0	0,002536	0
26	INCRTER	LinStatic	0,15465	0	-0,021796	0	0,011311	0
26	LM71SISO	LinStatic	0,00586	0	-0,001648	0	0,000866	0
26	SW2SISO	LinStatic	0,00512	0	-0,00144	0	0,000757	0
26	SISMAO	LinStatic	0,056779	0	-0,012125	0	0,006374	0
26	LM71SVA	LinStatic	-7,773E-09	0	0,000294	0	-6,939E-06	0
26	SW2SVA	LinStatic	-6,782E-09	0	0,000256	0	-6,054E-06	0
26	SISMAVA	LinStatic	1,445E-07	0	0,003136	0	-6,9E-05	0
26	LM71SVB	LinStatic	7,773E-09	0	-0,000294	0	6,939E-06	0
26	SW2SVB	LinStatic	6,782E-09	0	-0,000256	0	6,054E-06	0
26	SISMAVB	LinStatic	-1,445E-07	0	-0,003136	0	6,9E-05	0
27	PP	LinStatic	-1,236E-06	0	-0,019253	0	0,000331	0
27	REINTSUP	LinStatic	9,649E-08	0	-0,003237	0	8,4E-05	0
27	BALLAST	LinStatic	8,514E-08	0	-0,002857	0	7,4E-05	0
27	STERRASX	LinStatic	0,125652	0	-0,015235	0	0,006973	0
27	STERRADX	LinStatic	-0,125676	0	0,015137	0	-0,007209	0
27	TERMP	LinStatic	1,144E-07	0	2,894E-06	0	6,999E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
27	TERMN	LinStatic	-3,431E-07	0	-8,682E-06	0	-2,1E-05	0
27	GRADTP	LinStatic	-5,752E-07	0	-5,38E-06	0	-1,3E-05	0
27	GRADTN	LinStatic	5,752E-07	0	5,38E-06	0	1,3E-05	0
27	LM71C	LinStatic	3,825E-07	0	-0,008226	0	0,000216	0
27	LM71SX	LinStatic	3,152E-07	0	-0,006834	0	-0,000425	0
27	LM71DX	LinStatic	3,152E-07	0	-0,009618	0	0,000855	0
27	STLM71	LinStatic	0,020353	0	-0,003253	0	0,001496	0
27	AVVLM71	LinStatic	0,01798	0	-0,005744	0	0,002672	0
27	SW2	LinStatic	2,48E-07	0	-0,008322	0	0,000216	0
27	STSW2	LinStatic	0,034681	0	-0,005543	0	0,002549	0
27	INCRTER	LinStatic	0,15465	0	-0,024716	0	0,011368	0
27	LM71SISO	LinStatic	0,00586	0	-0,001872	0	0,000871	0
27	SW2SISO	LinStatic	0,00512	0	-0,001636	0	0,000761	0
27	SISMAO	LinStatic	0,056779	0	-0,013771	0	0,006411	0
27	LM71SVA	LinStatic	-8,809E-09	0	0,000296	0	-7,662E-06	0
27	SW2SVA	LinStatic	-7,686E-09	0	0,000258	0	-6,685E-06	0
27	SISMAVA	LinStatic	1,638E-07	0	0,003156	0	-7,6E-05	0
27	LM71SVB	LinStatic	8,809E-09	0	-0,000296	0	7,662E-06	0
27	SW2SVB	LinStatic	7,686E-09	0	-0,000258	0	6,685E-06	0
27	SISMAVB	LinStatic	-1,638E-07	0	-0,003156	0	7,6E-05	0
28	PP	LinStatic	-1,382E-06	0	-0,019345	0	0,000358	0
28	REINTSUP	LinStatic	1,078E-07	0	-0,003261	0	9,1E-05	0
28	BALLAST	LinStatic	9,515E-08	0	-0,002877	0	8E-05	0
28	STERRASX	LinStatic	0,125652	0	-0,017035	0	0,00701	0
28	STERRADX	LinStatic	-0,125678	0	0,017002	0	-0,007274	0
28	TERMP	LinStatic	1,278E-07	0	9,826E-07	0	7,83E-06	0
28	TERMN	LinStatic	-3,835E-07	0	-2,948E-06	0	-2,3E-05	0
28	GRADTP	LinStatic	-6,429E-07	0	-1,827E-06	0	-1,5E-05	0
28	GRADTN	LinStatic	6,429E-07	0	1,827E-06	0	1,5E-05	0
28	LM71C	LinStatic	4,274E-07	0	-0,008286	0	0,000235	0
28	LM71SX	LinStatic	3,523E-07	0	-0,006729	0	-0,000408	0
28	LM71DX	LinStatic	3,523E-07	0	-0,009844	0	0,000874	0
28	STLM71	LinStatic	0,020353	0	-0,003639	0	0,001505	0
28	AVVLM71	LinStatic	0,01798	0	-0,006435	0	0,002688	0
28	SW2	LinStatic	2,772E-07	0	-0,008382	0	0,000234	0
28	STSW2	LinStatic	0,034681	0	-0,006201	0	0,002564	0
28	INCRTER	LinStatic	0,15465	0	-0,027652	0	0,011432	0
28	LM71SISO	LinStatic	0,00586	0	-0,002097	0	0,000876	0
28	SW2SISO	LinStatic	0,00512	0	-0,001832	0	0,000765	0
28	SISMAO	LinStatic	0,05678	0	-0,015428	0	0,006452	0
28	LM71SVA	LinStatic	-9,846E-09	0	0,000298	0	-8,309E-06	0
28	SW2SVA	LinStatic	-8,59E-09	0	0,00026	0	-7,25E-06	0
28	SISMAVA	LinStatic	1,831E-07	0	0,003177	0	-8,2E-05	0
28	LM71SVB	LinStatic	9,846E-09	0	-0,000298	0	8,309E-06	0
28	SW2SVB	LinStatic	8,59E-09	0	-0,00026	0	7,25E-06	0
28	SISMAVB	LinStatic	-1,831E-07	0	-0,003177	0	8,2E-05	0
29	PP	LinStatic	-1,527E-06	0	-0,019445	0	0,000381	0
29	REINTSUP	LinStatic	1,192E-07	0	-0,003286	0	9,7E-05	0
29	BALLAST	LinStatic	1,052E-07	0	-0,002899	0	8,6E-05	0
29	STERRASX	LinStatic	0,125652	0	-0,018846	0	0,007052	0
29	STERRADX	LinStatic	-0,125681	0	0,018885	0	-0,007344	0
29	TERMP	LinStatic	1,413E-07	0	-1,143E-06	0	8,663E-06	0
29	TERMN	LinStatic	-4,238E-07	0	3,43E-06	0	-2,6E-05	0
29	GRADTP	LinStatic	-7,106E-07	0	2,126E-06	0	-1,6E-05	0
29	GRADTN	LinStatic	7,106E-07	0	-2,126E-06	0	1,6E-05	0
29	LM71C	LinStatic	4,724E-07	0	-0,008351	0	0,000251	0
29	LM71SX	LinStatic	3,893E-07	0	-0,006628	0	-0,000394	0
29	LM71DX	LinStatic	3,893E-07	0	-0,010074	0	0,000892	0
29	STLM71	LinStatic	0,020353	0	-0,004028	0	0,001514	0
29	AVVLM71	LinStatic	0,01798	0	-0,00713	0	0,002706	0
29	SW2	LinStatic	3,064E-07	0	-0,008447	0	0,00025	0
29	STSW2	LinStatic	0,034681	0	-0,006863	0	0,00258	0
29	INCRTER	LinStatic	0,15465	0	-0,030606	0	0,011503	0
29	LM71SISO	LinStatic	0,00586	0	-0,002324	0	0,000882	0
29	SW2SISO	LinStatic	0,00512	0	-0,00203	0	0,00077	0
29	SISMAO	LinStatic	0,05678	0	-0,017096	0	0,006496	0
29	LM71SVA	LinStatic	-1,088E-08	0	0,0003	0	-8,871E-06	0
29	SW2SVA	LinStatic	-9,494E-09	0	0,000262	0	-7,74E-06	0
29	SISMAVA	LinStatic	2,023E-07	0	0,0032	0	-8,7E-05	0
29	LM71SVB	LinStatic	1,088E-08	0	-0,0003	0	8,871E-06	0
29	SW2SVB	LinStatic	9,494E-09	0	-0,000262	0	7,74E-06	0
29	SISMAVB	LinStatic	-2,023E-07	0	-0,0032	0	8,7E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
30	PP	LinStatic	-1,673E-06	0	-0,01955	0	0,000399	0
30	REINTSUP	LinStatic	1,305E-07	0	-0,003313	0	0,000102	0
30	BALLAST	LinStatic	1,152E-07	0	-0,002923	0	9E-05	0
30	STERRASX	LinStatic	0,125652	0	-0,020669	0	0,007097	0
30	STERRADX	LinStatic	-0,125684	0	0,020786	0	-0,007417	0
30	TERMP	LinStatic	1,547E-07	0	-3,485E-06	0	9,498E-06	0
30	TERMN	LinStatic	-4,642E-07	0	1E-05	0	-2,8E-05	0
30	GRADTP	LinStatic	-7,783E-07	0	6,479E-06	0	-1,8E-05	0
30	GRADTN	LinStatic	7,783E-07	0	-6,479E-06	0	1,8E-05	0
30	LM71C	LinStatic	5,174E-07	0	-0,00842	0	0,000264	0
30	LM71SX	LinStatic	4,264E-07	0	-0,00653	0	-0,000382	0
30	LM71DX	LinStatic	4,264E-07	0	-0,010309	0	0,000906	0
30	STLM71	LinStatic	0,020353	0	-0,004419	0	0,001524	0
30	AVVLM71	LinStatic	0,01798	0	-0,007829	0	0,002724	0
30	SW2	LinStatic	3,356E-07	0	-0,008515	0	0,000263	0
30	STSW2	LinStatic	0,034681	0	-0,00753	0	0,002597	0
30	INCRTER	LinStatic	0,15465	0	-0,033579	0	0,011579	0
30	LM71SISO	LinStatic	0,00586	0	-0,002552	0	0,000888	0
30	SW2SISO	LinStatic	0,00512	0	-0,00223	0	0,000776	0
30	SISMAO	LinStatic	0,056781	0	-0,018776	0	0,006542	0
30	LM71SVA	LinStatic	-1,192E-08	0	0,000302	0	-9,338E-06	0
30	SW2SVA	LinStatic	-1,04E-08	0	0,000264	0	-8,147E-06	0
30	SISMAVA	LinStatic	2,216E-07	0	0,003224	0	-9,2E-05	0
30	LM71SVB	LinStatic	1,192E-08	0	-0,000302	0	9,338E-06	0
30	SW2SVB	LinStatic	1,04E-08	0	-0,000264	0	8,147E-06	0
30	SISMAVB	LinStatic	-2,216E-07	0	-0,003224	0	9,2E-05	0
31	PP	LinStatic	-1,818E-06	0	-0,019659	0	0,000412	0
31	REINTSUP	LinStatic	1,419E-07	0	-0,003341	0	0,000106	0
31	BALLAST	LinStatic	1,252E-07	0	-0,002948	0	9,4E-05	0
31	STERRASX	LinStatic	0,125652	0	-0,022504	0	0,007145	0
31	STERRADX	LinStatic	-0,125687	0	0,022708	0	-0,007494	0
31	TERMP	LinStatic	1,682E-07	0	-6,042E-06	0	1E-05	0
31	TERMN	LinStatic	-5,046E-07	0	1,8E-05	0	-3,1E-05	0
31	GRADTP	LinStatic	-8,459E-07	0	1,1E-05	0	-1,9E-05	0
31	GRADTN	LinStatic	8,459E-07	0	-1,1E-05	0	1,9E-05	0
31	LM71C	LinStatic	5,624E-07	0	-0,008493	0	0,000275	0
31	LM71SX	LinStatic	4,635E-07	0	-0,006436	0	-0,000373	0
31	LM71DX	LinStatic	4,635E-07	0	-0,010547	0	0,000918	0
31	STLM71	LinStatic	0,020353	0	-0,004813	0	0,001534	0
31	AVVLM71	LinStatic	0,017981	0	-0,008534	0	0,002743	0
31	SW2	LinStatic	3,647E-07	0	-0,008588	0	0,000273	0
31	STSW2	LinStatic	0,034681	0	-0,008202	0	0,002614	0
31	INCRTER	LinStatic	0,154651	0	-0,036574	0	0,011658	0
31	LM71SISO	LinStatic	0,00586	0	-0,002781	0	0,000894	0
31	SW2SISO	LinStatic	0,00512	0	-0,00243	0	0,000781	0
31	SISMAO	LinStatic	0,056782	0	-0,020469	0	0,006591	0
31	LM71SVA	LinStatic	-1,295E-08	0	0,000305	0	-9,702E-06	0
31	SW2SVA	LinStatic	-1,13E-08	0	0,000266	0	-8,465E-06	0
31	SISMAVA	LinStatic	2,409E-07	0	0,003249	0	-9,5E-05	0
31	LM71SVB	LinStatic	1,295E-08	0	-0,000305	0	9,702E-06	0
31	SW2SVB	LinStatic	1,13E-08	0	-0,000266	0	8,465E-06	0
31	SISMAVB	LinStatic	-2,409E-07	0	-0,003249	0	9,5E-05	0
32	PP	LinStatic	-1,964E-06	0	-0,019772	0	0,000419	0
32	REINTSUP	LinStatic	1,532E-07	0	-0,00337	0	0,000109	0
32	BALLAST	LinStatic	1,352E-07	0	-0,002973	0	9,6E-05	0
32	STERRASX	LinStatic	0,125652	0	-0,024353	0	0,007195	0
32	STERRADX	LinStatic	-0,12569	0	0,02465	0	-0,007572	0
32	TERMP	LinStatic	1,816E-07	0	-8,816E-06	0	1,1E-05	0
32	TERMN	LinStatic	-5,449E-07	0	2,6E-05	0	-3,4E-05	0
32	GRADTP	LinStatic	-9,136E-07	0	1,6E-05	0	-2,1E-05	0
32	GRADTN	LinStatic	9,136E-07	0	-1,6E-05	0	2,1E-05	0
32	LM71C	LinStatic	6,074E-07	0	-0,008568	0	0,000282	0
32	LM71SX	LinStatic	5,006E-07	0	-0,006343	0	-0,000367	0
32	LM71DX	LinStatic	5,006E-07	0	-0,010788	0	0,000926	0
32	STLM71	LinStatic	0,020353	0	-0,00521	0	0,001545	0
32	AVVLM71	LinStatic	0,017981	0	-0,009244	0	0,002762	0
32	SW2	LinStatic	3,939E-07	0	-0,008662	0	0,00028	0
32	STSW2	LinStatic	0,034681	0	-0,008878	0	0,002633	0
32	INCRTER	LinStatic	0,154652	0	-0,039591	0	0,011741	0
32	LM71SISO	LinStatic	0,00586	0	-0,003013	0	0,0009	0
32	SW2SISO	LinStatic	0,00512	0	-0,002632	0	0,000787	0
32	SISMAO	LinStatic	0,056782	0	-0,022176	0	0,00664	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
32	LM71SVA	LinStatic	-1,399E-08	0	0,000308	0	-9,952E-06	0
32	SW2SVA	LinStatic	-1,221E-08	0	0,000268	0	-8,683E-06	0
32	SISMAVA	LinStatic	2,601E-07	0	0,003275	0	-9,7E-05	0
32	LM71SVB	LinStatic	1,399E-08	0	-0,000308	0	9,952E-06	0
32	SW2SVB	LinStatic	1,221E-08	0	-0,000268	0	8,683E-06	0
32	SISMAVB	LinStatic	-2,601E-07	0	-0,003275	0	9,7E-05	0
33	PP	LinStatic	-2,109E-06	0	-0,019886	0	0,000421	0
33	REINTSUP	LinStatic	1,646E-07	0	-0,0034	0	0,00011	0
33	BALLAST	LinStatic	1,452E-07	0	-0,003	0	9,7E-05	0
33	STERRASX	LinStatic	0,125653	0	-0,026215	0	0,007246	0
33	STERRADX	LinStatic	-0,125693	0	0,026613	0	-0,007652	0
33	TERMP	LinStatic	1,951E-07	0	-1,2E-05	0	1,2E-05	0
33	TERMN	LinStatic	-5,853E-07	0	3,5E-05	0	-3,6E-05	0
33	GRADTP	LinStatic	-9,813E-07	0	2,2E-05	0	-2,2E-05	0
33	GRADTN	LinStatic	9,813E-07	0	-2,2E-05	0	2,2E-05	0
33	LM71C	LinStatic	6,524E-07	0	-0,008644	0	0,000286	0
33	LM71SX	LinStatic	5,377E-07	0	-0,006252	0	-0,000364	0
33	LM71DX	LinStatic	5,377E-07	0	-0,011031	0	0,000931	0
33	STLM71	LinStatic	0,020353	0	-0,00561	0	0,001556	0
33	AVVLM71	LinStatic	0,017981	0	-0,00996	0	0,002782	0
33	SW2	LinStatic	4,231E-07	0	-0,008738	0	0,000284	0
33	STSW2	LinStatic	0,034681	0	-0,00956	0	0,002652	0
33	INCRTER	LinStatic	0,154652	0	-0,042631	0	0,011826	0
33	LM71SISO	LinStatic	0,00586	0	-0,003246	0	0,000907	0
33	SW2SISO	LinStatic	0,00512	0	-0,002836	0	0,000792	0
33	SISMAO	LinStatic	0,056783	0	-0,023895	0	0,00669	0
33	LM71SVA	LinStatic	-1,503E-08	0	0,00031	0	-1E-05	0
33	SW2SVA	LinStatic	-1,311E-08	0	0,000271	0	-8,794E-06	0
33	SISMAVA	LinStatic	2,794E-07	0	0,003301	0	-9,8E-05	0
33	LM71SVB	LinStatic	1,503E-08	0	-0,00031	0	1E-05	0
33	SW2SVB	LinStatic	1,311E-08	0	-0,000271	0	8,794E-06	0
33	SISMAVB	LinStatic	-2,794E-07	0	-0,003301	0	9,8E-05	0
34	PP	LinStatic	-2,255E-06	0	-0,020001	0	0,000416	0
34	REINTSUP	LinStatic	1,76E-07	0	-0,003429	0	0,00011	0
34	BALLAST	LinStatic	1,553E-07	0	-0,003026	0	9,7E-05	0
34	STERRASX	LinStatic	0,125653	0	-0,028092	0	0,007298	0
34	STERRADX	LinStatic	-0,125696	0	0,028598	0	-0,007732	0
34	TERMP	LinStatic	2,086E-07	0	-1,5E-05	0	1,3E-05	0
34	TERMN	LinStatic	-6,257E-07	0	4,5E-05	0	-3,9E-05	0
34	GRADTP	LinStatic	-1,049E-06	0	2,8E-05	0	-2,4E-05	0
34	GRADTN	LinStatic	1,049E-06	0	-2,8E-05	0	2,4E-05	0
34	LM71C	LinStatic	6,974E-07	0	-0,008722	0	0,000286	0
34	LM71SX	LinStatic	5,747E-07	0	-0,006161	0	-0,000365	0
34	LM71DX	LinStatic	5,747E-07	0	-0,011276	0	0,000932	0
34	STLM71	LinStatic	0,020353	0	-0,006014	0	0,001568	0
34	AVVLM71	LinStatic	0,017981	0	-0,010681	0	0,002802	0
34	SW2	LinStatic	4,523E-07	0	-0,008815	0	0,000284	0
34	STSW2	LinStatic	0,034681	0	-0,010247	0	0,002671	0
34	INCRTER	LinStatic	0,154653	0	-0,045694	0	0,011912	0
34	LM71SISO	LinStatic	0,00586	0	-0,003481	0	0,000913	0
34	SW2SISO	LinStatic	0,00512	0	-0,003041	0	0,000798	0
34	SISMAO	LinStatic	0,056784	0	-0,025629	0	0,00674	0
34	LM71SVA	LinStatic	-1,606E-08	0	0,000313	0	-1E-05	0
34	SW2SVA	LinStatic	-1,402E-08	0	0,000273	0	-8,79E-06	0
34	SISMAVA	LinStatic	2,987E-07	0	0,003328	0	-9,7E-05	0
34	LM71SVB	LinStatic	1,606E-08	0	-0,000313	0	1E-05	0
34	SW2SVB	LinStatic	1,402E-08	0	-0,000273	0	8,79E-06	0
34	SISMAVB	LinStatic	-2,987E-07	0	-0,003328	0	9,7E-05	0
35	PP	LinStatic	-2,382E-06	0	-0,020099	0	0,000406	0
35	REINTSUP	LinStatic	1,859E-07	0	-0,003455	0	0,000109	0
35	BALLAST	LinStatic	1,64E-07	0	-0,003049	0	9,6E-05	0
35	STERRASX	LinStatic	0,125654	0	-0,029739	0	0,007343	0
35	STERRADX	LinStatic	-0,125699	0	0,030346	0	-0,007802	0
35	TERMP	LinStatic	2,203E-07	0	-1,8E-05	0	1,4E-05	0
35	TERMN	LinStatic	-6,609E-07	0	5,4E-05	0	-4,1E-05	0
35	GRADTP	LinStatic	-1,108E-06	0	3,3E-05	0	-2,5E-05	0
35	GRADTN	LinStatic	1,108E-06	0	-3,3E-05	0	2,5E-05	0
35	LM71C	LinStatic	7,367E-07	0	-0,008789	0	0,000283	0
35	LM71SX	LinStatic	6,071E-07	0	-0,006082	0	-0,000368	0
35	LM71DX	LinStatic	6,071E-07	0	-0,011489	0	0,000929	0
35	STLM71	LinStatic	0,020353	0	-0,006367	0	0,001577	0
35	AVVLM71	LinStatic	0,017982	0	-0,011313	0	0,002818	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
35	SW2	LinStatic	4,777E-07	0	-0,008882	0	0,00028	0
35	STSW2	LinStatic	0,034682	0	-0,01085	0	0,002688	0
35	INCRTER	LinStatic	0,154654	0	-0,048383	0	0,011986	0
35	LM71SISO	LinStatic	0,00586	0	-0,003687	0	0,000919	0
35	SW2SISO	LinStatic	0,00512	0	-0,003222	0	0,000803	0
35	SISMAO	LinStatic	0,056785	0	-0,027151	0	0,006783	0
35	LM71SVA	LinStatic	-1,697E-08	0	0,000315	0	-9,956E-06	0
35	SW2SVA	LinStatic	-1,48E-08	0	0,000275	0	-8,686E-06	0
35	SISMAVA	LinStatic	3,155E-07	0	0,003351	0	-9,5E-05	0
35	LM71SVB	LinStatic	1,697E-08	0	-0,000315	0	9,956E-06	0
35	SW2SVB	LinStatic	1,48E-08	0	-0,000275	0	8,686E-06	0
35	SISMAVB	LinStatic	-3,155E-07	0	-0,003351	0	9,5E-05	0
36	PP	LinStatic	-2,508E-06	0	-0,020195	0	0,000391	0
36	REINTSUP	LinStatic	1,957E-07	0	-0,003481	0	0,000106	0
36	BALLAST	LinStatic	1,727E-07	0	-0,003072	0	9,4E-05	0
36	STERRASX	LinStatic	0,125654	0	-0,031398	0	0,007388	0
36	STERRADX	LinStatic	-0,125702	0	0,032111	0	-0,007871	0
36	TERMP	LinStatic	2,32E-07	0	-2,1E-05	0	1,4E-05	0
36	TERMN	LinStatic	-6,961E-07	0	6,3E-05	0	-4,3E-05	0
36	GRADTP	LinStatic	-1,167E-06	0	3,9E-05	0	-2,7E-05	0
36	GRADTN	LinStatic	1,167E-06	0	-3,9E-05	0	2,7E-05	0
36	LM71C	LinStatic	7,759E-07	0	-0,008856	0	0,000277	0
36	LM71SX	LinStatic	6,394E-07	0	-0,006001	0	-0,000375	0
36	LM71DX	LinStatic	6,394E-07	0	-0,011701	0	0,000922	0
36	STLM71	LinStatic	0,020353	0	-0,006724	0	0,001587	0
36	AVVLM71	LinStatic	0,017982	0	-0,01195	0	0,002835	0
36	SW2	LinStatic	5,032E-07	0	-0,008948	0	0,000274	0
36	STSW2	LinStatic	0,034682	0	-0,011457	0	0,002704	0
36	INCRTER	LinStatic	0,154655	0	-0,05109	0	0,012058	0
36	LM71SISO	LinStatic	0,005861	0	-0,003895	0	0,000924	0
36	SW2SISO	LinStatic	0,005121	0	-0,003403	0	0,000807	0
36	SISMAO	LinStatic	0,056786	0	-0,028684	0	0,006825	0
36	LM71SVA	LinStatic	-1,787E-08	0	0,000318	0	-9,722E-06	0
36	SW2SVA	LinStatic	-1,559E-08	0	0,000277	0	-8,482E-06	0
36	SISMAVA	LinStatic	3,323E-07	0	0,003373	0	-9,2E-05	0
36	LM71SVB	LinStatic	1,787E-08	0	-0,000318	0	9,722E-06	0
36	SW2SVB	LinStatic	1,559E-08	0	-0,000277	0	8,482E-06	0
36	SISMAVB	LinStatic	-3,323E-07	0	-0,003373	0	9,2E-05	0
37	PP	LinStatic	-9,1E-05	0	-0,020198	0	-0,000364	0
37	REINTSUP	LinStatic	-2,6E-05	0	-0,003482	0	-0,000102	0
37	BALLAST	LinStatic	-2,3E-05	0	-0,003072	0	-9E-05	0
37	STERRASX	LinStatic	0,127693	0	0,032111	0	0,007969	0
37	STERRADX	LinStatic	-0,127512	0	-0,031398	0	-0,007453	0
37	TERMP	LinStatic	-3,994E-06	0	-2,1E-05	0	-1,5E-05	0
37	TERMN	LinStatic	1,2E-05	0	6,3E-05	0	4,6E-05	0
37	GRADTP	LinStatic	8,287E-06	0	3,9E-05	0	2,9E-05	0
37	GRADTN	LinStatic	-8,287E-06	0	-3,9E-05	0	-2,9E-05	0
37	LM71C	LinStatic	-6,9E-05	0	-0,008857	0	-0,000265	0
37	LM71SX	LinStatic	-0,00023	0	-0,011703	0	-0,00091	0
37	LM71DX	LinStatic	9,4E-05	0	-0,006002	0	0,000386	0
37	STLM71	LinStatic	0,020779	0	0,006832	0	0,001679	0
37	AVVLM71	LinStatic	0,018694	0	0,01195	0	0,002858	0
37	SW2	LinStatic	-6,7E-05	0	-0,00895	0	-0,000261	0
37	STSW2	LinStatic	0,035406	0	0,011641	0	0,002861	0
37	INCRTER	LinStatic	0,157886	0	0,051911	0	0,012758	0
37	LM71SISO	LinStatic	0,006093	0	0,003895	0	0,000931	0
37	SW2SISO	LinStatic	0,005323	0	0,003403	0	0,000814	0
37	SISMAO	LinStatic	0,058503	0	0,028684	0	0,006886	0
37	LM71SVA	LinStatic	2,396E-06	0	0,000318	0	9,274E-06	0
37	SW2SVA	LinStatic	2,09E-06	0	0,000277	0	8,092E-06	0
37	SISMAVA	LinStatic	2,2E-05	0	0,003374	0	8,6E-05	0
37	LM71SVB	LinStatic	-2,396E-06	0	-0,000318	0	-9,274E-06	0
37	SW2SVB	LinStatic	-2,09E-06	0	-0,000277	0	-8,092E-06	0
37	SISMAVB	LinStatic	-2,2E-05	0	-0,003374	0	-8,6E-05	0
38	PP	LinStatic	9,1E-05	0	-0,020198	0	0,000364	0
38	REINTSUP	LinStatic	2,6E-05	0	-0,003482	0	0,000102	0
38	BALLAST	LinStatic	2,3E-05	0	-0,003072	0	9E-05	0
38	STERRASX	LinStatic	0,127512	0	-0,031398	0	0,007453	0
38	STERRADX	LinStatic	-0,127693	0	0,032111	0	-0,007969	0
38	TERMP	LinStatic	3,994E-06	0	-2,1E-05	0	1,5E-05	0
38	TERMN	LinStatic	-1,2E-05	0	6,3E-05	0	-4,6E-05	0
38	GRADTP	LinStatic	-8,287E-06	0	3,9E-05	0	-2,9E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
38	GRADTN	LinStatic	8,287E-06	0	-3,9E-05	0	2,9E-05	0
38	LM71C	LinStatic	6,9E-05	0	-0,008857	0	0,000265	0
38	LM71SX	LinStatic	-9,4E-05	0	-0,006002	0	-0,000386	0
38	LM71DX	LinStatic	0,00023	0	-0,011703	0	0,00091	0
38	STLM71	LinStatic	0,020752	0	-0,006724	0	0,001601	0
38	AVVLM71	LinStatic	0,018694	0	-0,01195	0	0,002858	0
38	SW2	LinStatic	6,7E-05	0	-0,00895	0	0,000261	0
38	STSW2	LinStatic	0,035362	0	-0,011457	0	0,002728	0
38	INCRTER	LinStatic	0,157687	0	-0,051092	0	0,012164	0
38	LM71SISO	LinStatic	0,006093	0	-0,003895	0	0,000931	0
38	SW2SISO	LinStatic	0,005323	0	-0,003403	0	0,000814	0
38	SISMAO	LinStatic	0,058503	0	-0,028684	0	0,006886	0
38	LM71SVA	LinStatic	-2,396E-06	0	0,000318	0	-9,274E-06	0
38	SW2SVA	LinStatic	-2,09E-06	0	0,000277	0	-8,092E-06	0
38	SISMAVA	LinStatic	-2,2E-05	0	0,003374	0	-8,6E-05	0
38	LM71SVB	LinStatic	2,396E-06	0	-0,000318	0	9,274E-06	0
38	SW2SVB	LinStatic	2,09E-06	0	-0,000277	0	8,092E-06	0
38	SISMAVB	LinStatic	2,2E-05	0	-0,003374	0	8,6E-05	0
39	PP	LinStatic	-0,000179	0	-0,0202	0	-0,000337	0
39	REINTSUP	LinStatic	-5,1E-05	0	-0,003482	0	-9,7E-05	0
39	BALLAST	LinStatic	-4,5E-05	0	-0,003073	0	-8,5E-05	0
39	STERRASX	LinStatic	0,129706	0	0,032112	0	0,008053	0
39	STERRADX	LinStatic	-0,129386	0	-0,031399	0	-0,007515	0
39	TERMP	LinStatic	-8,024E-06	0	-2,1E-05	0	-1,6E-05	0
39	TERMN	LinStatic	2,4E-05	0	6,3E-05	0	4,9E-05	0
39	GRADTP	LinStatic	1,6E-05	0	3,9E-05	0	3E-05	0
39	GRADTN	LinStatic	-1,6E-05	0	-3,9E-05	0	-3E-05	0
39	LM71C	LinStatic	-0,000134	0	-0,008859	0	-0,000253	0
39	LM71SX	LinStatic	-0,000456	0	-0,011704	0	-0,000897	0
39	LM71DX	LinStatic	0,000192	0	-0,006004	0	0,000398	0
39	STLM71	LinStatic	0,021202	0	0,006832	0	0,001696	0
39	AVVLM71	LinStatic	0,019413	0	0,011951	0	0,00288	0
39	SW2	LinStatic	-0,000131	0	-0,008951	0	-0,000248	0
39	STSW2	LinStatic	0,036128	0	0,011641	0	0,00289	0
39	INCRTER	LinStatic	0,161104	0	0,051912	0	0,012887	0
39	LM71SISO	LinStatic	0,006327	0	0,003895	0	0,000939	0
39	SW2SISO	LinStatic	0,005528	0	0,003403	0	0,00082	0
39	SISMAO	LinStatic	0,060234	0	0,028685	0	0,006942	0
39	LM71SVA	LinStatic	4,661E-06	0	0,000318	0	8,822E-06	0
39	SW2SVA	LinStatic	4,067E-06	0	0,000277	0	7,697E-06	0
39	SISMAVA	LinStatic	4,3E-05	0	0,003374	0	8,1E-05	0
39	LM71SVB	LinStatic	-4,661E-06	0	-0,000318	0	-8,822E-06	0
39	SW2SVB	LinStatic	-4,067E-06	0	-0,000277	0	-7,697E-06	0
39	SISMAVB	LinStatic	-4,3E-05	0	-0,003374	0	-8,1E-05	0
40	PP	LinStatic	0,000179	0	-0,0202	0	0,000337	0
40	REINTSUP	LinStatic	5,1E-05	0	-0,003482	0	9,7E-05	0
40	BALLAST	LinStatic	4,5E-05	0	-0,003073	0	8,5E-05	0
40	STERRASX	LinStatic	0,129386	0	-0,031399	0	0,007515	0
40	STERRADX	LinStatic	-0,129706	0	0,032112	0	-0,008053	0
40	TERMP	LinStatic	8,024E-06	0	-2,1E-05	0	1,6E-05	0
40	TERMN	LinStatic	-2,4E-05	0	6,3E-05	0	-4,9E-05	0
40	GRADTP	LinStatic	-1,6E-05	0	3,9E-05	0	-3E-05	0
40	GRADTN	LinStatic	1,6E-05	0	-3,9E-05	0	3E-05	0
40	LM71C	LinStatic	0,000134	0	-0,008859	0	0,000253	0
40	LM71SX	LinStatic	-0,000192	0	-0,006004	0	-0,000398	0
40	LM71DX	LinStatic	0,000456	0	-0,011704	0	0,000897	0
40	STLM71	LinStatic	0,021155	0	-0,006724	0	0,001614	0
40	AVVLM71	LinStatic	0,019413	0	-0,011951	0	0,00288	0
40	SW2	LinStatic	0,000131	0	-0,008951	0	0,000248	0
40	STSW2	LinStatic	0,036048	0	-0,011458	0	0,002751	0
40	INCRTER	LinStatic	0,160745	0	-0,051093	0	0,012265	0
40	LM71SISO	LinStatic	0,006327	0	-0,003895	0	0,000939	0
40	SW2SISO	LinStatic	0,005528	0	-0,003403	0	0,00082	0
40	SISMAO	LinStatic	0,060234	0	-0,028685	0	0,006942	0
40	LM71SVA	LinStatic	-4,661E-06	0	0,000318	0	-8,822E-06	0
40	SW2SVA	LinStatic	-4,067E-06	0	0,000277	0	-7,697E-06	0
40	SISMAVA	LinStatic	-4,3E-05	0	0,003374	0	-8,1E-05	0
40	LM71SVB	LinStatic	4,661E-06	0	-0,000318	0	8,822E-06	0
40	SW2SVB	LinStatic	4,067E-06	0	-0,000277	0	7,697E-06	0
40	SISMAVB	LinStatic	4,3E-05	0	-0,003374	0	8,1E-05	0
41	PP	LinStatic	-0,000679	0	-0,020221	0	-0,000128	0
41	REINTSUP	LinStatic	-0,000215	0	-0,003488	0	-5,1E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
41	BALLAST	LinStatic	-0,000189	0	-0,003077	0	-4,5E-05	0
41	STERRASX	LinStatic	0,14793	0	0,032117	0	0,008329	0
41	STERRADX	LinStatic	-0,14644	0	-0,031405	0	-0,007929	0
41	TERMP	LinStatic	-5,3E-05	0	-2,1E-05	0	-2,3E-05	0
41	TERMN	LinStatic	0,000159	0	6,3E-05	0	7E-05	0
41	GRADTP	LinStatic	9,2E-05	0	3,9E-05	0	3,3E-05	0
41	GRADTN	LinStatic	-9,2E-05	0	-3,9E-05	0	-3,3E-05	0
41	LM71C	LinStatic	-0,000567	0	-0,008872	0	-0,000138	0
41	LM71SX	LinStatic	-0,0023	0	-0,011719	0	-0,000777	0
41	LM71DX	LinStatic	0,001188	0	-0,006016	0	0,00051	0
41	STLM71	LinStatic	0,025048	0	0,006833	0	0,001769	0
41	AVVLM71	LinStatic	0,025932	0	0,011954	0	0,003023	0
41	SW2	LinStatic	-0,000551	0	-0,008965	0	-0,000131	0
41	STSW2	LinStatic	0,042681	0	0,011644	0	0,003014	0
41	INCRTER	LinStatic	0,190326	0	0,051922	0	0,013439	0
41	LM71SISO	LinStatic	0,008452	0	0,003896	0	0,000985	0
41	SW2SISO	LinStatic	0,007384	0	0,003404	0	0,000861	0
41	SISMAO	LinStatic	0,075958	0	0,028692	0	0,007283	0
41	LM71SVA	LinStatic	2E-05	0	0,000318	0	4,667E-06	0
41	SW2SVA	LinStatic	1,7E-05	0	0,000278	0	4,072E-06	0
41	SISMAVA	LinStatic	0,000168	0	0,003379	0	3,5E-05	0
41	LM71SVB	LinStatic	-2E-05	0	-0,000318	0	-4,667E-06	0
41	SW2SVB	LinStatic	-1,7E-05	0	-0,000278	0	-4,072E-06	0
41	SISMAVB	LinStatic	-0,000168	0	-0,003379	0	-3,5E-05	0
42	PP	LinStatic	0,000679	0	-0,020221	0	0,000128	0
42	REINTSUP	LinStatic	0,000215	0	-0,003488	0	5,1E-05	0
42	BALLAST	LinStatic	0,000189	0	-0,003077	0	4,5E-05	0
42	STERRASX	LinStatic	0,14644	0	-0,031405	0	0,007929	0
42	STERRADX	LinStatic	-0,14793	0	0,032117	0	-0,008329	0
42	TERMP	LinStatic	5,3E-05	0	-2,1E-05	0	2,3E-05	0
42	TERMN	LinStatic	-0,000159	0	6,3E-05	0	-7E-05	0
42	GRADTP	LinStatic	-9,2E-05	0	3,9E-05	0	-3,3E-05	0
42	GRADTN	LinStatic	9,2E-05	0	-3,9E-05	0	3,3E-05	0
42	LM71C	LinStatic	0,000567	0	-0,008872	0	0,000138	0
42	LM71SX	LinStatic	-0,001188	0	-0,006016	0	-0,00051	0
42	LM71DX	LinStatic	0,0023	0	-0,011719	0	0,000777	0
42	STLM71	LinStatic	0,024817	0	-0,006725	0	0,001702	0
42	AVVLM71	LinStatic	0,025932	0	-0,011954	0	0,003023	0
42	SW2	LinStatic	0,000551	0	-0,008965	0	0,000131	0
42	STSW2	LinStatic	0,042288	0	-0,01146	0	0,0029	0
42	INCRTER	LinStatic	0,188571	0	-0,051103	0	0,012932	0
42	LM71SISO	LinStatic	0,008452	0	-0,003896	0	0,000985	0
42	SW2SISO	LinStatic	0,007384	0	-0,003404	0	0,000861	0
42	SISMAO	LinStatic	0,075958	0	-0,028692	0	0,007283	0
42	LM71SVA	LinStatic	-2E-05	0	0,000318	0	-4,667E-06	0
42	SW2SVA	LinStatic	-1,7E-05	0	0,000278	0	-4,072E-06	0
42	SISMAVA	LinStatic	-0,000168	0	0,003379	0	-3,5E-05	0
42	LM71SVB	LinStatic	2E-05	0	-0,000318	0	4,667E-06	0
42	SW2SVB	LinStatic	1,7E-05	0	-0,000278	0	4,072E-06	0
42	SISMAVB	LinStatic	0,000168	0	-0,003379	0	3,5E-05	0
43	PP	LinStatic	-0,000768	0	-0,020238	0	3,6E-05	0
43	REINTSUP	LinStatic	-0,000274	0	-0,003493	0	-2,109E-06	0
43	BALLAST	LinStatic	-0,000242	0	-0,003082	0	-1,86E-06	0
43	STERRASX	LinStatic	0,166058	0	0,032123	0	0,008066	0
43	STERRADX	LinStatic	-0,164138	0	-0,03141	0	-0,008101	0
43	TERMP	LinStatic	-0,000108	0	-2,1E-05	0	-2,6E-05	0
43	TERMN	LinStatic	0,000325	0	6,3E-05	0	7,8E-05	0
43	GRADTP	LinStatic	0,000151	0	3,9E-05	0	1,6E-05	0
43	GRADTN	LinStatic	-0,000151	0	-3,9E-05	0	-1,6E-05	0
43	LM71C	LinStatic	-0,000733	0	-0,008886	0	-9,102E-06	0
43	LM71SX	LinStatic	-0,00387	0	-0,011735	0	-0,000647	0
43	LM71DX	LinStatic	0,002441	0	-0,006028	0	0,000632	0
43	STLM71	LinStatic	0,028926	0	0,006835	0	0,001738	0
43	AVVLM71	LinStatic	0,03266	0	0,011957	0	0,00307	0
43	SW2	LinStatic	-0,000704	0	-0,008978	0	-5,42E-06	0
43	STSW2	LinStatic	0,04929	0	0,011646	0	0,002961	0
43	INCRTER	LinStatic	0,219796	0	0,051932	0	0,013203	0
43	LM71SISO	LinStatic	0,010644	0	0,003897	0	0,001	0
43	SW2SISO	LinStatic	0,0093	0	0,003405	0	0,000874	0
43	SISMAO	LinStatic	0,092136	0	0,028699	0	0,007363	0
43	LM71SVA	LinStatic	2,5E-05	0	0,000319	0	1,925E-07	0
43	SW2SVA	LinStatic	2,2E-05	0	0,000278	0	1,68E-07	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
43	SISMAVA	LinStatic	0,000199	0	0,003383	0	-4,977E-06	0
43	LM71SVB	LinStatic	-2,5E-05	0	-0,000319	0	-1,925E-07	0
43	SW2SVB	LinStatic	-2,2E-05	0	-0,000278	0	-1,68E-07	0
43	SISMAVB	LinStatic	-0,000199	0	-0,003383	0	4,977E-06	0
44	PP	LinStatic	0,000768	0	-0,020238	0	-3,6E-05	0
44	REINTSUP	LinStatic	0,000274	0	-0,003493	0	2,109E-06	0
44	BALLAST	LinStatic	0,000242	0	-0,003082	0	1,86E-06	0
44	STERRASX	LinStatic	0,164138	0	-0,03141	0	0,008101	0
44	STERRADX	LinStatic	-0,166058	0	0,032123	0	-0,008066	0
44	TERMP	LinStatic	0,000108	0	-2,1E-05	0	2,6E-05	0
44	TERMN	LinStatic	-0,000325	0	6,3E-05	0	-7,8E-05	0
44	GRADTP	LinStatic	-0,000151	0	3,9E-05	0	-1,6E-05	0
44	GRADTN	LinStatic	0,000151	0	-3,9E-05	0	1,6E-05	0
44	LM71C	LinStatic	0,000733	0	-0,008886	0	9,102E-06	0
44	LM71SX	LinStatic	-0,002441	0	-0,006028	0	-0,000632	0
44	LM71DX	LinStatic	0,00387	0	-0,011735	0	0,000647	0
44	STLM71	LinStatic	0,028614	0	-0,006727	0	0,001737	0
44	AVVLM71	LinStatic	0,03266	0	-0,011957	0	0,00307	0
44	SW2	LinStatic	0,000704	0	-0,008978	0	5,42E-06	0
44	STSW2	LinStatic	0,048757	0	-0,011462	0	0,002959	0
44	INCRTER	LinStatic	0,217421	0	-0,051113	0	0,013196	0
44	LM71SISO	LinStatic	0,010644	0	-0,003897	0	0,001	0
44	SW2SISO	LinStatic	0,0093	0	-0,003405	0	0,000874	0
44	SISMAO	LinStatic	0,092136	0	-0,028699	0	0,007363	0
44	LM71SVA	LinStatic	-2,5E-05	0	0,000319	0	-1,925E-07	0
44	SW2SVA	LinStatic	-2,2E-05	0	0,000278	0	-1,68E-07	0
44	SISMAVA	LinStatic	-0,000199	0	0,003383	0	4,977E-06	0
44	LM71SVB	LinStatic	2,5E-05	0	-0,000319	0	1,925E-07	0
44	SW2SVB	LinStatic	2,2E-05	0	-0,000278	0	1,68E-07	0
44	SISMAVB	LinStatic	0,000199	0	-0,003383	0	-4,977E-06	0
45	PP	LinStatic	-0,000545	0	-0,020252	0	0,000155	0
45	REINTSUP	LinStatic	-0,000222	0	-0,003498	0	5E-05	0
45	BALLAST	LinStatic	-0,000196	0	-0,003087	0	4,4E-05	0
45	STERRASX	LinStatic	0,183318	0	0,032128	0	0,007613	0
45	STERRADX	LinStatic	-0,181948	0	-0,031416	0	-0,008031	0
45	TERMP	LinStatic	-0,000165	0	-2,1E-05	0	-2,5E-05	0
45	TERMN	LinStatic	0,000495	0	6,3E-05	0	7,4E-05	0
45	GRADTP	LinStatic	0,000149	0	3,9E-05	0	-2,3E-05	0
45	GRADTN	LinStatic	-0,000149	0	-3,9E-05	0	2,3E-05	0
45	LM71C	LinStatic	-0,000599	0	-0,008899	0	0,000134	0
45	LM71SX	LinStatic	-0,00514	0	-0,01175	0	-0,000505	0
45	LM71DX	LinStatic	0,003976	0	-0,00604	0	0,000767	0
45	STLM71	LinStatic	0,032663	0	0,006836	0	0,001652	0
45	AVVLM71	LinStatic	0,039385	0	0,01196	0	0,003021	0
45	SW2	LinStatic	-0,00057	0	-0,008992	0	0,00013	0
45	STSW2	LinStatic	0,055657	0	0,011648	0	0,002815	0
45	INCRTER	LinStatic	0,24819	0	0,051943	0	0,012552	0
45	LM71SISO	LinStatic	0,012836	0	0,003898	0	0,000985	0
45	SW2SISO	LinStatic	0,011215	0	0,003406	0	0,00086	0
45	SISMAO	LinStatic	0,108227	0	0,028706	0	0,007213	0
45	LM71SVA	LinStatic	2E-05	0	0,000319	0	-4,602E-06	0
45	SW2SVA	LinStatic	1,8E-05	0	0,000279	0	-4,016E-06	0
45	SISMAVA	LinStatic	0,000149	0	0,003387	0	-3,9E-05	0
45	LM71SVB	LinStatic	-2E-05	0	-0,000319	0	4,602E-06	0
45	SW2SVB	LinStatic	-1,8E-05	0	-0,000279	0	4,016E-06	0
45	SISMAVB	LinStatic	-0,000149	0	-0,003387	0	3,9E-05	0
46	PP	LinStatic	0,000545	0	-0,020252	0	-0,000155	0
46	REINTSUP	LinStatic	0,000222	0	-0,003498	0	-5E-05	0
46	BALLAST	LinStatic	0,000196	0	-0,003087	0	-4,4E-05	0
46	STERRASX	LinStatic	0,181948	0	-0,031416	0	0,008031	0
46	STERRADX	LinStatic	-0,183318	0	0,032128	0	-0,007613	0
46	TERMP	LinStatic	0,000165	0	-2,1E-05	0	2,5E-05	0
46	TERMN	LinStatic	-0,000495	0	6,3E-05	0	-7,4E-05	0
46	GRADTP	LinStatic	-0,000149	0	3,9E-05	0	2,3E-05	0
46	GRADTN	LinStatic	0,000149	0	-3,9E-05	0	-2,3E-05	0
46	LM71C	LinStatic	0,000599	0	-0,008899	0	-0,000134	0
46	LM71SX	LinStatic	-0,003976	0	-0,00604	0	-0,000767	0
46	LM71DX	LinStatic	0,00514	0	-0,01175	0	0,000505	0
46	STLM71	LinStatic	0,032429	0	-0,006728	0	0,001718	0
46	AVVLM71	LinStatic	0,039385	0	-0,01196	0	0,003021	0
46	SW2	LinStatic	0,00057	0	-0,008992	0	-0,00013	0
46	STSW2	LinStatic	0,055258	0	-0,011465	0	0,002928	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
46	INCRTER	LinStatic	0,246408	0	-0,051123	0	0,013057	0
46	LM71SISO	LinStatic	0,012836	0	-0,003898	0	0,000985	0
46	SW2SISO	LinStatic	0,011215	0	-0,003406	0	0,00086	0
46	SISMAO	LinStatic	0,108227	0	-0,028706	0	0,007213	0
46	LM71SVA	LinStatic	-2E-05	0	0,000319	0	4,602E-06	0
46	SW2SVA	LinStatic	-1,8E-05	0	0,000279	0	4,016E-06	0
46	SISMAVA	LinStatic	-0,000149	0	0,003387	0	3,9E-05	0
46	LM71SVB	LinStatic	2E-05	0	-0,000319	0	-4,602E-06	0
46	SW2SVB	LinStatic	1,8E-05	0	-0,000279	0	-4,016E-06	0
46	SISMAVB	LinStatic	0,000149	0	-0,003387	0	-3,9E-05	0
47	PP	LinStatic	-0,000109	0	-0,020261	0	0,00023	0
47	REINTSUP	LinStatic	-5E-05	0	-0,003504	0	0,000106	0
47	BALLAST	LinStatic	-4,4E-05	0	-0,003091	0	9,4E-05	0
47	STERRASX	LinStatic	0,199595	0	0,032134	0	0,007223	0
47	STERRADX	LinStatic	-0,19934	0	-0,031421	0	-0,00772	0
47	TERMP	LinStatic	-0,000214	0	-2,1E-05	0	-1,9E-05	0
47	TERMN	LinStatic	0,000642	0	6,3E-05	0	5,7E-05	0
47	GRADTP	LinStatic	3,9E-05	0	3,9E-05	0	-8,2E-05	0
47	GRADTN	LinStatic	-3,9E-05	0	-3,9E-05	0	8,2E-05	0
47	LM71C	LinStatic	-0,000137	0	-0,008913	0	0,00029	0
47	LM71SX	LinStatic	-0,006085	0	-0,011765	0	-0,000351	0
47	LM71DX	LinStatic	0,00582	0	-0,006051	0	0,000912	0
47	STLM71	LinStatic	0,036192	0	0,006837	0	0,00156	0
47	AVVLM71	LinStatic	0,045899	0	0,011964	0	0,002877	0
47	SW2	LinStatic	-0,000129	0	-0,009006	0	0,000274	0
47	STSW2	LinStatic	0,06167	0	0,011651	0	0,002659	0
47	INCRTER	LinStatic	0,275001	0	0,051953	0	0,011856	0
47	LM71SISO	LinStatic	0,014959	0	0,003899	0	0,000938	0
47	SW2SISO	LinStatic	0,01307	0	0,003407	0	0,000819	0
47	SISMAO	LinStatic	0,123765	0	0,028713	0	0,006868	0
47	LM71SVA	LinStatic	4,591E-06	0	0,00032	0	-9,717E-06	0
47	SW2SVA	LinStatic	4,005E-06	0	0,000279	0	-8,478E-06	0
47	SISMAVA	LinStatic	3,2E-05	0	0,00339	0	-6,7E-05	0
47	LM71SVB	LinStatic	-4,591E-06	0	-0,00032	0	9,717E-06	0
47	SW2SVB	LinStatic	-4,005E-06	0	-0,000279	0	8,478E-06	0
47	SISMAVB	LinStatic	-3,2E-05	0	-0,00339	0	6,7E-05	0
48	PP	LinStatic	0,000109	0	-0,020261	0	-0,00023	0
48	REINTSUP	LinStatic	5E-05	0	-0,003504	0	-0,000106	0
48	BALLAST	LinStatic	4,4E-05	0	-0,003091	0	-9,4E-05	0
48	STERRASX	LinStatic	0,19934	0	-0,031421	0	0,00772	0
48	STERRADX	LinStatic	-0,199595	0	0,032134	0	-0,007223	0
48	TERMP	LinStatic	0,000214	0	-2,1E-05	0	1,9E-05	0
48	TERMN	LinStatic	-0,000642	0	6,3E-05	0	-5,7E-05	0
48	GRADTP	LinStatic	-3,9E-05	0	3,9E-05	0	8,2E-05	0
48	GRADTN	LinStatic	3,9E-05	0	-3,9E-05	0	-8,2E-05	0
48	LM71C	LinStatic	0,000137	0	-0,008913	0	-0,00029	0
48	LM71SX	LinStatic	-0,00582	0	-0,006051	0	-0,000912	0
48	LM71DX	LinStatic	0,006085	0	-0,011765	0	0,000351	0
48	STLM71	LinStatic	0,036145	0	-0,006729	0	0,001647	0
48	AVVLM71	LinStatic	0,045899	0	-0,011964	0	0,002877	0
48	SW2	LinStatic	0,000129	0	-0,009006	0	-0,000274	0
48	STSW2	LinStatic	0,061591	0	-0,011467	0	0,002807	0
48	INCRTER	LinStatic	0,274649	0	-0,051133	0	0,012517	0
48	LM71SISO	LinStatic	0,014959	0	-0,003899	0	0,000938	0
48	SW2SISO	LinStatic	0,01307	0	-0,003407	0	0,000819	0
48	SISMAO	LinStatic	0,123765	0	-0,028713	0	0,006868	0
48	LM71SVA	LinStatic	-4,591E-06	0	0,00032	0	9,717E-06	0
48	SW2SVA	LinStatic	-4,005E-06	0	0,000279	0	8,478E-06	0
48	SISMAVA	LinStatic	-3,2E-05	0	0,00339	0	6,7E-05	0
48	LM71SVB	LinStatic	4,591E-06	0	-0,00032	0	-9,717E-06	0
48	SW2SVB	LinStatic	4,005E-06	0	-0,000279	0	-8,478E-06	0
48	SISMAVB	LinStatic	3,2E-05	0	-0,00339	0	-6,7E-05	0
49	PP	LinStatic	-5,7E-05	0	-0,020262	0	0,000235	0
49	REINTSUP	LinStatic	-2,6E-05	0	-0,003504	0	0,000112	0
49	BALLAST	LinStatic	-2,3E-05	0	-0,003092	0	9,9E-05	0
49	STERRASX	LinStatic	0,201215	0	0,032135	0	0,007193	0
49	STERRADX	LinStatic	-0,201074	0	-0,031422	0	-0,007675	0
49	TERMP	LinStatic	-0,000218	0	-2,1E-05	0	-1,8E-05	0
49	TERMN	LinStatic	0,000655	0	6,3E-05	0	5,4E-05	0
49	GRADTP	LinStatic	2E-05	0	3,9E-05	0	-9E-05	0
49	GRADTN	LinStatic	-2E-05	0	-3,9E-05	0	9E-05	0
49	LM71C	LinStatic	-7E-05	0	-0,008914	0	0,000307	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
49	LM71SX	LinStatic	-0,006162	0	-0,011766	0	-0,000335	0
49	LM71DX	LinStatic	0,006027	0	-0,006053	0	0,000928	0
49	STLM71	LinStatic	0,036541	0	0,006837	0	0,001553	0
49	AVVLM71	LinStatic	0,046545	0	0,011964	0	0,002857	0
49	SW2	LinStatic	-6,6E-05	0	-0,009007	0	0,000289	0
49	STSW2	LinStatic	0,062266	0	0,011651	0	0,002646	0
49	INCRTER	LinStatic	0,277659	0	0,051954	0	0,011797	0
49	LM71SISO	LinStatic	0,01517	0	0,003899	0	0,000931	0
49	SW2SISO	LinStatic	0,013254	0	0,003407	0	0,000813	0
49	SISMAO	LinStatic	0,125307	0	0,028714	0	0,006823	0
49	LM71SVA	LinStatic	2,347E-06	0	0,00032	0	-1E-05	0
49	SW2SVA	LinStatic	2,047E-06	0	0,000279	0	-8,95E-06	0
49	SISMAVA	LinStatic	1,6E-05	0	0,00339	0	-6,9E-05	0
49	LM71SVB	LinStatic	-2,347E-06	0	-0,00032	0	1E-05	0
49	SW2SVB	LinStatic	-2,047E-06	0	-0,000279	0	8,95E-06	0
49	SISMAVB	LinStatic	-1,6E-05	0	-0,00339	0	6,9E-05	0
50	PP	LinStatic	5,7E-05	0	-0,020262	0	-0,000235	0
50	REINTSUP	LinStatic	2,6E-05	0	-0,003504	0	-0,000112	0
50	BALLAST	LinStatic	2,3E-05	0	-0,003092	0	-9,9E-05	0
50	STERRASX	LinStatic	0,201074	0	-0,031422	0	0,007675	0
50	STERRADX	LinStatic	-0,201215	0	0,032135	0	-0,007193	0
50	TERMP	LinStatic	0,000218	0	-2,1E-05	0	1,8E-05	0
50	TERMN	LinStatic	-0,000655	0	6,3E-05	0	-5,4E-05	0
50	GRADTP	LinStatic	-2E-05	0	3,9E-05	0	9E-05	0
50	GRADTN	LinStatic	2E-05	0	-3,9E-05	0	-9E-05	0
50	LM71C	LinStatic	7E-05	0	-0,008914	0	-0,000307	0
50	LM71SX	LinStatic	-0,006027	0	-0,006053	0	-0,000928	0
50	LM71DX	LinStatic	0,006162	0	-0,011766	0	0,000335	0
50	STLM71	LinStatic	0,036515	0	-0,00673	0	0,001637	0
50	AVVLM71	LinStatic	0,046545	0	-0,011964	0	0,002857	0
50	SW2	LinStatic	6,6E-05	0	-0,009007	0	-0,000289	0
50	STSW2	LinStatic	0,062221	0	-0,011467	0	0,002789	0
50	INCRTER	LinStatic	0,27746	0	-0,051135	0	0,012439	0
50	LM71SISO	LinStatic	0,01517	0	-0,003899	0	0,000931	0
50	SW2SISO	LinStatic	0,013254	0	-0,003407	0	0,000813	0
50	SISMAO	LinStatic	0,125307	0	-0,028714	0	0,006823	0
50	LM71SVA	LinStatic	-2,347E-06	0	0,00032	0	1E-05	0
50	SW2SVA	LinStatic	-2,047E-06	0	0,000279	0	8,95E-06	0
50	SISMAVA	LinStatic	-1,6E-05	0	0,00339	0	6,9E-05	0
50	LM71SVB	LinStatic	2,347E-06	0	-0,00032	0	-1E-05	0
50	SW2SVB	LinStatic	2,047E-06	0	-0,000279	0	-8,95E-06	0
50	SISMAVB	LinStatic	1,6E-05	0	-0,00339	0	-6,9E-05	0
51	PP	LinStatic	-2,787E-06	0	-0,020263	0	0,00024	0
51	REINTSUP	LinStatic	2,175E-07	0	-0,003505	0	0,000118	0
51	BALLAST	LinStatic	1,919E-07	0	-0,003092	0	0,000104	0
51	STERRASX	LinStatic	0,202828	0	0,032135	0	0,007166	0
51	STERRADX	LinStatic	-0,202798	0	-0,031422	0	-0,007627	0
51	TERMP	LinStatic	-0,000222	0	-2,1E-05	0	-1,7E-05	0
51	TERMN	LinStatic	0,000667	0	6,3E-05	0	5,2E-05	0
51	GRADTP	LinStatic	-1,297E-06	0	3,9E-05	0	-9,7E-05	0
51	GRADTN	LinStatic	1,297E-06	0	-3,9E-05	0	9,7E-05	0
51	LM71C	LinStatic	8,622E-07	0	-0,008916	0	0,000324	0
51	LM71SX	LinStatic	-0,006236	0	-0,011768	0	-0,000318	0
51	LM71DX	LinStatic	0,006237	0	-0,006054	0	0,000943	0
51	STLM71	LinStatic	0,036889	0	0,006838	0	0,001545	0
51	AVVLM71	LinStatic	0,047186	0	0,011964	0	0,002835	0
51	SW2	LinStatic	5,591E-07	0	-0,009009	0	0,000304	0
51	STSW2	LinStatic	0,062859	0	0,011651	0	0,002633	0
51	INCRTER	LinStatic	0,280304	0	0,051955	0	0,011742	0
51	LM71SISO	LinStatic	0,015379	0	0,003899	0	0,000924	0
51	SW2SISO	LinStatic	0,013437	0	0,003407	0	0,000807	0
51	SISMAO	LinStatic	0,126838	0	0,028715	0	0,006776	0
51	LM71SVA	LinStatic	-1,986E-08	0	0,00032	0	-1,1E-05	0
51	SW2SVA	LinStatic	-1,733E-08	0	0,000279	0	-9,425E-06	0
51	SISMAVA	LinStatic	3,692E-07	0	0,003391	0	-7,2E-05	0
51	LM71SVB	LinStatic	1,986E-08	0	-0,00032	0	1,1E-05	0
51	SW2SVB	LinStatic	1,733E-08	0	-0,000279	0	9,425E-06	0
51	SISMAVB	LinStatic	-3,692E-07	0	-0,003391	0	7,2E-05	0
52	PP	LinStatic	-2,647E-06	0	-0,020319	0	0,000243	0
52	REINTSUP	LinStatic	2,065E-07	0	-0,003533	0	0,000123	0
52	BALLAST	LinStatic	1,822E-07	0	-0,003118	0	0,000109	0
52	STERRASX	LinStatic	0,202827	0	0,030527	0	0,007141	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
52	STERRADX	LinStatic	-0,202799	0	-0,029714	0	-0,007578	0
52	TERMP	LinStatic	-0,000211	0	-1,7E-05	0	-1,6E-05	0
52	TERMN	LinStatic	0,000633	0	5,2E-05	0	4,9E-05	0
52	GRADTP	LinStatic	-1,231E-06	0	6,1E-05	0	-9,2E-05	0
52	GRADTN	LinStatic	1,231E-06	0	-6,1E-05	0	9,2E-05	0
52	LM71C	LinStatic	8,186E-07	0	-0,008994	0	0,000339	0
52	LM71SX	LinStatic	-0,006236	0	-0,011702	0	-0,000304	0
52	LM71DX	LinStatic	0,006237	0	-0,006271	0	0,000957	0
52	STLM71	LinStatic	0,036889	0	0,006491	0	0,001539	0
52	AVVLM71	LinStatic	0,047186	0	0,01133	0	0,002814	0
52	SW2	LinStatic	5,309E-07	0	-0,009083	0	0,000317	0
52	STSW2	LinStatic	0,062859	0	0,011061	0	0,002622	0
52	INCRTER	LinStatic	0,280302	0	0,049322	0	0,011691	0
52	LM71SISO	LinStatic	0,015379	0	0,003693	0	0,000917	0
52	SW2SISO	LinStatic	0,013437	0	0,003226	0	0,000801	0
52	SISMAO	LinStatic	0,126839	0	0,027198	0	0,006729	0
52	LM71SVA	LinStatic	-1,886E-08	0	0,000323	0	-1,1E-05	0
52	SW2SVA	LinStatic	-1,645E-08	0	0,000281	0	-9,831E-06	0
52	SISMAVA	LinStatic	3,506E-07	0	0,003408	0	-7,4E-05	0
52	LM71SVB	LinStatic	1,886E-08	0	-0,000323	0	1,1E-05	0
52	SW2SVB	LinStatic	1,645E-08	0	-0,000281	0	9,831E-06	0
52	SISMAVB	LinStatic	-3,506E-07	0	-0,003408	0	7,4E-05	0
53	PP	LinStatic	-2,506E-06	0	-0,020376	0	0,000243	0
53	REINTSUP	LinStatic	1,955E-07	0	-0,003563	0	0,000127	0
53	BALLAST	LinStatic	1,725E-07	0	-0,003144	0	0,000112	0
53	STERRASX	LinStatic	0,202826	0	0,028925	0	0,007118	0
53	STERRADX	LinStatic	-0,202799	0	-0,028015	0	-0,007532	0
53	TERMP	LinStatic	-0,0002	0	-1,4E-05	0	-1,6E-05	0
53	TERMN	LinStatic	0,000599	0	4,1E-05	0	4,7E-05	0
53	GRADTP	LinStatic	-1,166E-06	0	8,1E-05	0	-8,7E-05	0
53	GRADTN	LinStatic	1,166E-06	0	-8,1E-05	0	8,7E-05	0
53	LM71C	LinStatic	7,75E-07	0	-0,009075	0	0,000349	0
53	LM71SX	LinStatic	-0,006236	0	-0,011639	0	-0,000295	0
53	LM71DX	LinStatic	0,006237	0	-0,006491	0	0,000967	0
53	STLM71	LinStatic	0,036889	0	0,006146	0	0,001532	0
53	AVVLM71	LinStatic	0,047186	0	0,0107	0	0,002794	0
53	SW2	LinStatic	5,026E-07	0	-0,009159	0	0,000326	0
53	STSW2	LinStatic	0,062858	0	0,010473	0	0,002611	0
53	INCRTER	LinStatic	0,280301	0	0,0467	0	0,011643	0
53	LM71SISO	LinStatic	0,015379	0	0,003487	0	0,000911	0
53	SW2SISO	LinStatic	0,013437	0	0,003047	0	0,000796	0
53	SISMAO	LinStatic	0,126839	0	0,025691	0	0,006685	0
53	LM71SVA	LinStatic	-1,785E-08	0	0,000325	0	-1,2E-05	0
53	SW2SVA	LinStatic	-1,557E-08	0	0,000284	0	-1E-05	0
53	SISMAVA	LinStatic	3,319E-07	0	0,003425	0	-7,5E-05	0
53	LM71SVB	LinStatic	1,785E-08	0	-0,000325	0	1,2E-05	0
53	SW2SVB	LinStatic	1,557E-08	0	-0,000284	0	1E-05	0
53	SISMAVB	LinStatic	-3,319E-07	0	-0,003425	0	7,5E-05	0
54	PP	LinStatic	-2,004E-06	0	-0,020573	0	0,000229	0
54	REINTSUP	LinStatic	1,564E-07	0	-0,00367	0	0,000126	0
54	BALLAST	LinStatic	1,38E-07	0	-0,003238	0	0,000111	0
54	STERRASX	LinStatic	0,202824	0	0,023265	0	0,007051	0
54	STERRADX	LinStatic	-0,202802	0	-0,022057	0	-0,007383	0
54	TERMP	LinStatic	-0,00016	0	-2,57E-06	0	-1,2E-05	0
54	TERMN	LinStatic	0,000479	0	7,71E-06	0	3,7E-05	0
54	GRADTP	LinStatic	-9,325E-07	0	0,000144	0	-7E-05	0
54	GRADTN	LinStatic	9,325E-07	0	-0,000144	0	7E-05	0
54	LM71C	LinStatic	6,2E-07	0	-0,009371	0	0,000351	0
54	LM71SX	LinStatic	-0,006236	0	-0,011418	0	-0,000298	0
54	LM71DX	LinStatic	0,006237	0	-0,007281	0	0,000972	0
54	STLM71	LinStatic	0,036888	0	0,004929	0	0,001514	0
54	AVVLM71	LinStatic	0,047187	0	0,008493	0	0,002732	0
54	SW2	LinStatic	4,021E-07	0	-0,009434	0	0,000324	0
54	STSW2	LinStatic	0,062857	0	0,0084	0	0,002579	0
54	INCRTER	LinStatic	0,280297	0	0,037456	0	0,0115	0
54	LM71SISO	LinStatic	0,015379	0	0,002768	0	0,00089	0
54	SW2SISO	LinStatic	0,013437	0	0,002419	0	0,000778	0
54	SISMAO	LinStatic	0,126841	0	0,020406	0	0,006549	0
54	LM71SVA	LinStatic	-1,428E-08	0	0,000335	0	-1,2E-05	0
54	SW2SVA	LinStatic	-1,246E-08	0	0,000292	0	-1E-05	0
54	SISMAVA	LinStatic	2,655E-07	0	0,003487	0	-7,2E-05	0
54	LM71SVB	LinStatic	1,428E-08	0	-0,000335	0	1,2E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
54	SW2SVB	LinStatic	1,246E-08	0	-0,000292	0	1E-05	0
54	SISMAVB	LinStatic	-2,655E-07	0	-0,003487	0	7,2E-05	0
55	PP	LinStatic	-1,221E-06	0	-0,020829	0	0,000163	0
55	REINTSUP	LinStatic	9,532E-08	0	-0,003816	0	9,4E-05	0
55	BALLAST	LinStatic	8,41E-08	0	-0,003367	0	8,3E-05	0
55	STERRASX	LinStatic	0,202819	0	0,014501	0	0,006995	0
55	STERRADX	LinStatic	-0,202806	0	-0,01296	0	-0,007197	0
55	TERMP	LinStatic	-9,7E-05	0	9,927E-06	0	-7,571E-06	0
55	TERMN	LinStatic	0,000292	0	-3E-05	0	2,3E-05	0
55	GRADTP	LinStatic	-5,683E-07	0	0,000214	0	-4,3E-05	0
55	GRADTN	LinStatic	5,683E-07	0	-0,000214	0	4,3E-05	0
55	LM71C	LinStatic	3,778E-07	0	-0,00978	0	0,000264	0
55	LM71SX	LinStatic	-0,006236	0	-0,01101	0	-0,000391	0
55	LM71DX	LinStatic	0,006237	0	-0,008473	0	0,000899	0
55	STLM71	LinStatic	0,036888	0	0,003052	0	0,001496	0
55	AVVLM71	LinStatic	0,047188	0	0,00513	0	0,002663	0
55	SW2	LinStatic	2,45E-07	0	-0,009808	0	0,000241	0
55	STSW2	LinStatic	0,062856	0	0,005201	0	0,002549	0
55	INCRTER	LinStatic	0,280289	0	0,023192	0	0,011366	0
55	LM71SISO	LinStatic	0,015379	0	0,001672	0	0,000868	0
55	SW2SISO	LinStatic	0,013437	0	0,001461	0	0,000758	0
55	SISMAO	LinStatic	0,126842	0	0,012336	0	0,006395	0
55	LM71SVA	LinStatic	-8,702E-09	0	0,000348	0	-8,559E-06	0
55	SW2SVA	LinStatic	-7,593E-09	0	0,000304	0	-7,467E-06	0
55	SISMAVA	LinStatic	1,618E-07	0	0,003569	0	-5,3E-05	0
55	LM71SVB	LinStatic	8,702E-09	0	-0,000348	0	8,559E-06	0
55	SW2SVB	LinStatic	7,593E-09	0	-0,000304	0	7,467E-06	0
55	SISMAVB	LinStatic	-1,618E-07	0	-0,003569	0	5,3E-05	0
56	PP	LinStatic	1,221E-06	0	-0,020829	0	-0,000163	0
56	REINTSUP	LinStatic	-9,532E-08	0	-0,003816	0	-9,4E-05	0
56	BALLAST	LinStatic	-8,41E-08	0	-0,003367	0	-8,3E-05	0
56	STERRASX	LinStatic	0,202806	0	-0,01296	0	0,007197	0
56	STERRADX	LinStatic	-0,202819	0	0,014501	0	-0,006995	0
56	TERMP	LinStatic	9,7E-05	0	9,927E-06	0	7,571E-06	0
56	TERMN	LinStatic	-0,000292	0	-3E-05	0	-2,3E-05	0
56	GRADTP	LinStatic	5,683E-07	0	0,000214	0	4,3E-05	0
56	GRADTN	LinStatic	-5,683E-07	0	-0,000214	0	-4,3E-05	0
56	LM71C	LinStatic	-3,778E-07	0	-0,00978	0	-0,000264	0
56	LM71SX	LinStatic	-0,006237	0	-0,008473	0	-0,000899	0
56	LM71DX	LinStatic	0,006236	0	-0,01101	0	0,000391	0
56	STLM71	LinStatic	0,036885	0	-0,002799	0	0,001531	0
56	AVVLM71	LinStatic	0,047188	0	-0,00513	0	0,002663	0
56	SW2	LinStatic	-2,45E-07	0	-0,009808	0	-0,000241	0
56	STSW2	LinStatic	0,062851	0	-0,004769	0	0,002609	0
56	INCRTER	LinStatic	0,280268	0	-0,021268	0	0,011635	0
56	LM71SISO	LinStatic	0,015379	0	-0,001672	0	0,000868	0
56	SW2SISO	LinStatic	0,013437	0	-0,001461	0	0,000758	0
56	SISMAO	LinStatic	0,126842	0	-0,012336	0	0,006395	0
56	LM71SVA	LinStatic	8,702E-09	0	0,000348	0	8,559E-06	0
56	SW2SVA	LinStatic	7,593E-09	0	0,000304	0	7,467E-06	0
56	SISMAVA	LinStatic	-1,618E-07	0	0,003569	0	5,3E-05	0
56	LM71SVB	LinStatic	-8,702E-09	0	-0,000348	0	-8,559E-06	0
56	SW2SVB	LinStatic	-7,593E-09	0	-0,000304	0	-7,467E-06	0
56	SISMAVB	LinStatic	1,618E-07	0	-0,003569	0	-5,3E-05	0
57	PP	LinStatic	2,004E-06	0	-0,020573	0	-0,000229	0
57	REINTSUP	LinStatic	-1,564E-07	0	-0,00367	0	-0,000126	0
57	BALLAST	LinStatic	-1,38E-07	0	-0,003238	0	-0,000111	0
57	STERRASX	LinStatic	0,202802	0	-0,022057	0	0,007383	0
57	STERRADX	LinStatic	-0,202824	0	0,023265	0	-0,007051	0
57	TERMP	LinStatic	0,00016	0	-2,57E-06	0	1,2E-05	0
57	TERMN	LinStatic	-0,000479	0	7,71E-06	0	-3,7E-05	0
57	GRADTP	LinStatic	9,325E-07	0	0,000144	0	7E-05	0
57	GRADTN	LinStatic	-9,325E-07	0	-0,000144	0	-7E-05	0
57	LM71C	LinStatic	-6,2E-07	0	-0,009371	0	-0,000351	0
57	LM71SX	LinStatic	-0,006237	0	-0,007281	0	-0,000972	0
57	LM71DX	LinStatic	0,006236	0	-0,011418	0	0,000298	0
57	STLM71	LinStatic	0,036884	0	-0,004735	0	0,001572	0
57	AVVLM71	LinStatic	0,047187	0	-0,008493	0	0,002732	0
57	SW2	LinStatic	-4,021E-07	0	-0,009434	0	-0,000324	0
57	STSW2	LinStatic	0,062849	0	-0,008068	0	0,002678	0
57	INCRTER	LinStatic	0,280261	0	-0,035976	0	0,011942	0
57	LM71SISO	LinStatic	0,015379	0	-0,002768	0	0,00089	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
57	SW2SISO	LinStatic	0,013437	0	-0,002419	0	0,000778	0
57	SISMAO	LinStatic	0,126841	0	-0,020406	0	0,006549	0
57	LM71SVA	LinStatic	1,428E-08	0	0,000335	0	1,2E-05	0
57	SW2SVA	LinStatic	1,246E-08	0	0,000292	0	1E-05	0
57	SISMAVA	LinStatic	-2,655E-07	0	0,003487	0	7,2E-05	0
57	LM71SVB	LinStatic	-1,428E-08	0	-0,000335	0	-1,2E-05	0
57	SW2SVB	LinStatic	-1,246E-08	0	-0,000292	0	-1E-05	0
57	SISMAVB	LinStatic	2,655E-07	0	-0,003487	0	-7,2E-05	0
58	PP	LinStatic	2,506E-06	0	-0,020376	0	-0,000243	0
58	REINTSUP	LinStatic	-1,955E-07	0	-0,003563	0	-0,000127	0
58	BALLAST	LinStatic	-1,725E-07	0	-0,003144	0	-0,000112	0
58	STERRASX	LinStatic	0,202799	0	-0,028015	0	0,007532	0
58	STERRADX	LinStatic	-0,202826	0	0,028925	0	-0,007118	0
58	TERMP	LinStatic	0,0002	0	-1,4E-05	0	1,6E-05	0
58	TERMN	LinStatic	-0,000599	0	4,1E-05	0	-4,7E-05	0
58	GRADTP	LinStatic	1,166E-06	0	8,1E-05	0	8,7E-05	0
58	GRADTN	LinStatic	-1,166E-06	0	-8,1E-05	0	-8,7E-05	0
58	LM71C	LinStatic	-7,75E-07	0	-0,009075	0	-0,000349	0
58	LM71SX	LinStatic	-0,006237	0	-0,006491	0	-0,000967	0
58	LM71DX	LinStatic	0,006236	0	-0,011639	0	0,000295	0
58	STLM71	LinStatic	0,036883	0	-0,006004	0	0,001605	0
58	AVVLM71	LinStatic	0,047186	0	-0,0107	0	0,002794	0
58	SW2	LinStatic	-5,026E-07	0	-0,009159	0	-0,000326	0
58	STSW2	LinStatic	0,062848	0	-0,01023	0	0,002735	0
58	INCRTER	LinStatic	0,280256	0	-0,045618	0	0,012195	0
58	LM71SISO	LinStatic	0,015379	0	-0,003487	0	0,000911	0
58	SW2SISO	LinStatic	0,013437	0	-0,003047	0	0,000796	0
58	SISMAO	LinStatic	0,126839	0	-0,025691	0	0,006685	0
58	LM71SVA	LinStatic	1,785E-08	0	0,000325	0	1,2E-05	0
58	SW2SVA	LinStatic	1,557E-08	0	0,000284	0	1E-05	0
58	SISMAVA	LinStatic	-3,319E-07	0	0,003425	0	7,5E-05	0
58	LM71SVB	LinStatic	-1,785E-08	0	-0,000325	0	-1,2E-05	0
58	SW2SVB	LinStatic	-1,557E-08	0	-0,000284	0	-1E-05	0
58	SISMAVB	LinStatic	3,319E-07	0	-0,003425	0	-7,5E-05	0
59	PP	LinStatic	2,647E-06	0	-0,020319	0	-0,000243	0
59	REINTSUP	LinStatic	-2,065E-07	0	-0,003533	0	-0,000123	0
59	BALLAST	LinStatic	-1,822E-07	0	-0,003118	0	-0,000109	0
59	STERRASX	LinStatic	0,202799	0	-0,029714	0	0,007578	0
59	STERRADX	LinStatic	-0,202827	0	0,030527	0	-0,007141	0
59	TERMP	LinStatic	0,000211	0	-1,7E-05	0	1,6E-05	0
59	TERMN	LinStatic	-0,000633	0	5,2E-05	0	-4,9E-05	0
59	GRADTP	LinStatic	1,231E-06	0	6,1E-05	0	9,2E-05	0
59	GRADTN	LinStatic	-1,231E-06	0	-6,1E-05	0	-9,2E-05	0
59	LM71C	LinStatic	-8,186E-07	0	-0,008994	0	-0,000339	0
59	LM71SX	LinStatic	-0,006237	0	-0,006271	0	-0,000957	0
59	LM71DX	LinStatic	0,006236	0	-0,011702	0	0,000304	0
59	STLM71	LinStatic	0,036883	0	-0,006365	0	0,001615	0
59	AVVLM71	LinStatic	0,047186	0	-0,01133	0	0,002814	0
59	SW2	LinStatic	-5,309E-07	0	-0,009083	0	-0,000317	0
59	STSW2	LinStatic	0,062848	0	-0,010847	0	0,002753	0
59	INCRTER	LinStatic	0,280255	0	-0,048368	0	0,012274	0
59	LM71SISO	LinStatic	0,015379	0	-0,003693	0	0,000917	0
59	SW2SISO	LinStatic	0,013437	0	-0,003226	0	0,000801	0
59	SISMAO	LinStatic	0,126839	0	-0,027198	0	0,006729	0
59	LM71SVA	LinStatic	1,886E-08	0	0,000323	0	1,1E-05	0
59	SW2SVA	LinStatic	1,645E-08	0	0,000281	0	9,831E-06	0
59	SISMAVA	LinStatic	-3,506E-07	0	0,003408	0	7,4E-05	0
59	LM71SVB	LinStatic	-1,886E-08	0	-0,000323	0	-1,1E-05	0
59	SW2SVB	LinStatic	-1,645E-08	0	-0,000281	0	-9,831E-06	0
59	SISMAVB	LinStatic	3,506E-07	0	-0,003408	0	-7,4E-05	0
60	PP	LinStatic	2,787E-06	0	-0,020263	0	-0,00024	0
60	REINTSUP	LinStatic	-2,175E-07	0	-0,003505	0	-0,000118	0
60	BALLAST	LinStatic	-1,919E-07	0	-0,003092	0	-0,000104	0
60	STERRASX	LinStatic	0,202798	0	-0,031422	0	0,007627	0
60	STERRADX	LinStatic	-0,202828	0	0,032135	0	-0,007166	0
60	TERMP	LinStatic	0,000222	0	-2,1E-05	0	1,7E-05	0
60	TERMN	LinStatic	-0,000667	0	6,3E-05	0	-5,2E-05	0
60	GRADTP	LinStatic	1,297E-06	0	3,9E-05	0	9,7E-05	0
60	GRADTN	LinStatic	-1,297E-06	0	-3,9E-05	0	-9,7E-05	0
60	LM71C	LinStatic	-8,622E-07	0	-0,008916	0	-0,000324	0
60	LM71SX	LinStatic	-0,006237	0	-0,006054	0	-0,000943	0
60	LM71DX	LinStatic	0,006236	0	-0,011768	0	0,000318	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
60	STLM71	LinStatic	0,036883	0	-0,00673	0	0,001626	0
60	AVVLM71	LinStatic	0,047186	0	-0,011964	0	0,002835	0
60	SW2	LinStatic	-5,591E-07	0	-0,009009	0	-0,000304	0
60	STSW2	LinStatic	0,062848	0	-0,011467	0	0,002771	0
60	INCRTER	LinStatic	0,280254	0	-0,051136	0	0,012357	0
60	LM71SISO	LinStatic	0,015379	0	-0,003899	0	0,000924	0
60	SW2SISO	LinStatic	0,013437	0	-0,003407	0	0,000807	0
60	SISMAO	LinStatic	0,126838	0	-0,028715	0	0,006776	0
60	LM71SVA	LinStatic	1,986E-08	0	0,00032	0	1,1E-05	0
60	SW2SVA	LinStatic	1,733E-08	0	0,000279	0	9,425E-06	0
60	SISMAVA	LinStatic	-3,692E-07	0	0,003391	0	7,2E-05	0
60	LM71SVB	LinStatic	-1,986E-08	0	-0,00032	0	-1,1E-05	0
60	SW2SVB	LinStatic	-1,733E-08	0	-0,000279	0	-9,425E-06	0
60	SISMAVB	LinStatic	3,692E-07	0	-0,003391	0	-7,2E-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	-0,0001411	0	11,36	0	0	0
1	REINTSUP	LinStatic	1,101E-05	0	1,958	0	0	0
1	BALLAST	LinStatic	9,716E-06	0	1,728	0	0	0
1	STERRASX	LinStatic	-7,071	0	-18,062	0	0	0
1	STERRADX	LinStatic	7,068	0	17,661	0	0	0
1	TERMP	LinStatic	1,305E-05	0	0,012	0	0	0
1	TERMN	LinStatic	-3,915E-05	0	-0,036	0	0	0
1	GRADTP	LinStatic	-6,564E-05	0	-0,022	0	0	0
1	GRADTN	LinStatic	6,564E-05	0	0,022	0	0	0
1	LM71C	LinStatic	4,364E-05	0	4,981	0	0	0
1	LM71SX	LinStatic	3,597E-05	0	6,582	0	0	0
1	LM71DX	LinStatic	3,597E-05	0	3,376	0	0	0
1	STLM71	LinStatic	-1,145	0	-3,843	0	0	0
1	AVVLM71	LinStatic	-1,011	0	-6,722	0	0	0
1	SW2	LinStatic	2,83E-05	0	5,033	0	0	0
1	STSW2	LinStatic	-1,951	0	-6,548	0	0	0
1	INCRTER	LinStatic	-8,702	0	-29,199	0	0	0
1	LM71SISO	LinStatic	-0,33	0	-2,191	0	0	0
1	SW2SISO	LinStatic	-0,288	0	-1,914	0	0	0
1	SISMAO	LinStatic	-3,194	0	-16,134	0	0	0
1	LM71SVA	LinStatic	-1,005E-06	0	-0,179	0	0	0
1	SW2SVA	LinStatic	-8,771E-07	0	-0,156	0	0	0
1	SISMAVA	LinStatic	1,869E-05	0	-1,897	0	0	0
1	LM71SVB	LinStatic	1,005E-06	0	0,179	0	0	0
1	SW2SVB	LinStatic	8,771E-07	0	0,156	0	0	0
1	SISMAVB	LinStatic	-1,869E-05	0	1,897	0	0	0
2	PP	LinStatic	-0,0002679	0	22,611	0	0	0
2	REINTSUP	LinStatic	2,091E-05	0	3,887	0	0	0
2	BALLAST	LinStatic	1,845E-05	0	3,43	0	0	0
2	STERRASX	LinStatic	-14,141	0	-34,139	0	0	0
2	STERRADX	LinStatic	14,136	0	33,457	0	0	0
2	TERMP	LinStatic	2,478E-05	0	0,02	0	0	0
2	TERMN	LinStatic	-7,435E-05	0	-0,061	0	0	0
2	GRADTP	LinStatic	-0,0001246	0	-0,038	0	0	0
2	GRADTN	LinStatic	0,0001246	0	0,038	0	0	0
2	LM71C	LinStatic	8,287E-05	0	9,888	0	0	0
2	LM71SX	LinStatic	6,83E-05	0	12,925	0	0	0
2	LM71DX	LinStatic	6,83E-05	0	6,842	0	0	0
2	STLM71	LinStatic	-2,29	0	-7,267	0	0	0
2	AVVLM71	LinStatic	-2,023	0	-12,727	0	0	0
2	SW2	LinStatic	5,374E-05	0	9,992	0	0	0
2	STSW2	LinStatic	-3,903	0	-12,382	0	0	0
2	INCRTER	LinStatic	-17,404	0	-55,216	0	0	0
2	LM71SISO	LinStatic	-0,659	0	-4,148	0	0	0
2	SW2SISO	LinStatic	-0,576	0	-3,624	0	0	0
2	SISMAO	LinStatic	-6,388	0	-30,545	0	0	0
2	LM71SVA	LinStatic	-1,909E-06	0	-0,355	0	0	0
2	SW2SVA	LinStatic	-1,665E-06	0	-0,31	0	0	0
2	SISMAVA	LinStatic	3,549E-05	0	-3,77	0	0	0
2	LM71SVB	LinStatic	1,909E-06	0	0,355	0	0	0
2	SW2SVB	LinStatic	1,665E-06	0	0,31	0	0	0
2	SISMAVB	LinStatic	-3,549E-05	0	3,77	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
3	PP	LinStatic	-0,0002723	0	24,154	0	0	0
3	REINTSUP	LinStatic	2,125E-05	0	4,142	0	0	0
3	BALLAST	LinStatic	1,875E-05	0	3,654	0	0	0
3	STERRASX	LinStatic	-15,18	0	-34,537	0	0	0
3	STERRADX	LinStatic	15,175	0	33,925	0	0	0
3	TERMP	LinStatic	2,519E-05	0	0,018	0	0	0
3	TERMN	LinStatic	-7,556E-05	0	-0,054	0	0	0
3	GRADTP	LinStatic	-0,0001267	0	-0,034	0	0	0
3	GRADTN	LinStatic	0,0001267	0	0,034	0	0	0
3	LM71C	LinStatic	8,423E-05	0	10,533	0	0	0
3	LM71SX	LinStatic	6,941E-05	0	13,617	0	0	0
3	LM71DX	LinStatic	6,941E-05	0	7,44	0	0	0
3	STLM71	LinStatic	-2,459	0	-7,355	0	0	0
3	AVVLM71	LinStatic	-2,172	0	-12,898	0	0	0
3	SW2	LinStatic	5,462E-05	0	10,646	0	0	0
3	STSW2	LinStatic	-4,189	0	-12,533	0	0	0
3	INCRTER	LinStatic	-18,682	0	-55,886	0	0	0
3	LM71SISO	LinStatic	-0,708	0	-4,204	0	0	0
3	SW2SISO	LinStatic	-0,618	0	-3,673	0	0	0
3	SISMAO	LinStatic	-6,858	0	-30,951	0	0	0
3	LM71SVA	LinStatic	-1,94E-06	0	-0,378	0	0	0
3	SW2SVA	LinStatic	-1,693E-06	0	-0,33	0	0	0
3	SISMAVA	LinStatic	3,607E-05	0	-4,019	0	0	0
3	LM71SVB	LinStatic	1,94E-06	0	0,378	0	0	0
3	SW2SVB	LinStatic	1,693E-06	0	0,33	0	0	0
3	SISMAVB	LinStatic	-3,607E-05	0	4,019	0	0	0
4	PP	LinStatic	-0,0002722	0	25,66	0	0	0
4	REINTSUP	LinStatic	2,124E-05	0	4,386	0	0	0
4	BALLAST	LinStatic	1,874E-05	0	3,87	0	0	0
4	STERRASX	LinStatic	-16,218	0	-34,34	0	0	0
4	STERRADX	LinStatic	16,213	0	33,826	0	0	0
4	TERMP	LinStatic	2,517E-05	0	0,015	0	0	0
4	TERMN	LinStatic	-7,552E-05	0	-0,046	0	0	0
4	GRADTP	LinStatic	-0,0001266	0	-0,028	0	0	0
4	GRADTN	LinStatic	0,0001266	0	0,028	0	0	0
4	LM71C	LinStatic	8,418E-05	0	11,154	0	0	0
4	LM71SX	LinStatic	6,938E-05	0	14,234	0	0	0
4	LM71DX	LinStatic	6,938E-05	0	8,067	0	0	0
4	STLM71	LinStatic	-2,627	0	-7,317	0	0	0
4	AVVLM71	LinStatic	-2,32	0	-12,851	0	0	0
4	SW2	LinStatic	5,459E-05	0	11,275	0	0	0
4	STSW2	LinStatic	-4,476	0	-12,468	0	0	0
4	INCRTER	LinStatic	-19,96	0	-55,598	0	0	0
4	LM71SISO	LinStatic	-0,756	0	-4,188	0	0	0
4	SW2SISO	LinStatic	-0,661	0	-3,66	0	0	0
4	SISMAO	LinStatic	-7,327	0	-30,833	0	0	0
4	LM71SVA	LinStatic	-1,939E-06	0	-0,4	0	0	0
4	SW2SVA	LinStatic	-1,692E-06	0	-0,349	0	0	0
4	SISMAVA	LinStatic	3,605E-05	0	-4,26	0	0	0
4	LM71SVB	LinStatic	1,939E-06	0	0,4	0	0	0
4	SW2SVB	LinStatic	1,692E-06	0	0,349	0	0	0
4	SISMAVB	LinStatic	-3,605E-05	0	4,26	0	0	0
5	PP	LinStatic	-0,0002534	0	25,512	0	0	0
5	REINTSUP	LinStatic	1,977E-05	0	4,348	0	0	0
5	BALLAST	LinStatic	1,745E-05	0	3,837	0	0	0
5	STERRASX	LinStatic	-16,218	0	-31,807	0	0	0
5	STERRADX	LinStatic	16,213	0	31,423	0	0	0
5	TERMP	LinStatic	2,344E-05	0	0,011	0	0	0
5	TERMN	LinStatic	-7,032E-05	0	-0,034	0	0	0
5	GRADTP	LinStatic	-0,0001179	0	-0,021	0	0	0
5	GRADTN	LinStatic	0,0001179	0	0,021	0	0	0
5	LM71C	LinStatic	7,838E-05	0	11,055	0	0	0
5	LM71SX	LinStatic	6,459E-05	0	13,92	0	0	0
5	LM71DX	LinStatic	6,459E-05	0	8,185	0	0	0
5	STLM71	LinStatic	-2,627	0	-6,781	0	0	0
5	AVVLM71	LinStatic	-2,32	0	-11,928	0	0	0
5	SW2	LinStatic	5,083E-05	0	11,177	0	0	0
5	STSW2	LinStatic	-4,476	0	-11,555	0	0	0
5	INCRTER	LinStatic	-19,96	0	-51,526	0	0	0
5	LM71SISO	LinStatic	-0,756	0	-3,888	0	0	0
5	SW2SISO	LinStatic	-0,661	0	-3,397	0	0	0
5	SISMAO	LinStatic	-7,327	0	-28,614	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
5	LM71SVA	LinStatic	-1,805E-06	0	-0,397	0	0	0
5	SW2SVA	LinStatic	-1,575E-06	0	-0,346	0	0	0
5	SISMAVA	LinStatic	3,357E-05	0	-4,226	0	0	0
5	LM71SVB	LinStatic	1,805E-06	0	0,397	0	0	0
5	SW2SVB	LinStatic	1,575E-06	0	0,346	0	0	0
5	SISMAVB	LinStatic	-3,357E-05	0	4,226	0	0	0
6	PP	LinStatic	-0,0002346	0	25,367	0	0	0
6	REINTSUP	LinStatic	1,831E-05	0	4,311	0	0	0
6	BALLAST	LinStatic	1,616E-05	0	3,804	0	0	0
6	STERRASX	LinStatic	-16,218	0	-29,301	0	0	0
6	STERRADX	LinStatic	16,213	0	29,038	0	0	0
6	TERMP	LinStatic	2,17E-05	0	0,007796	0	0	0
6	TERMN	LinStatic	-6,511E-05	0	-0,023	0	0	0
6	GRADTP	LinStatic	-0,0001092	0	-0,014	0	0	0
6	GRADTN	LinStatic	0,0001092	0	0,014	0	0	0
6	LM71C	LinStatic	7,257E-05	0	10,958	0	0	0
6	LM71SX	LinStatic	5,981E-05	0	13,609	0	0	0
6	LM71DX	LinStatic	5,981E-05	0	8,304	0	0	0
6	STLM71	LinStatic	-2,627	0	-6,251	0	0	0
6	AVVLM71	LinStatic	-2,32	0	-11,012	0	0	0
6	SW2	LinStatic	4,706E-05	0	11,081	0	0	0
6	STSW2	LinStatic	-4,476	0	-10,651	0	0	0
6	INCRTER	LinStatic	-19,959	0	-47,495	0	0	0
6	LM71SISO	LinStatic	-0,756	0	-3,589	0	0	0
6	SW2SISO	LinStatic	-0,661	0	-3,136	0	0	0
6	SISMAO	LinStatic	-7,327	0	-26,412	0	0	0
6	LM71SVA	LinStatic	-1,672E-06	0	-0,394	0	0	0
6	SW2SVA	LinStatic	-1,458E-06	0	-0,343	0	0	0
6	SISMAVA	LinStatic	3,108E-05	0	-4,192	0	0	0
6	LM71SVB	LinStatic	1,672E-06	0	0,394	0	0	0
6	SW2SVB	LinStatic	1,458E-06	0	0,343	0	0	0
6	SISMAVB	LinStatic	-3,108E-05	0	4,192	0	0	0
7	PP	LinStatic	-0,0002159	0	25,226	0	0	0
7	REINTSUP	LinStatic	1,684E-05	0	4,275	0	0	0
7	BALLAST	LinStatic	1,486E-05	0	3,772	0	0	0
7	STERRASX	LinStatic	-16,217	0	-26,821	0	0	0
7	STERRADX	LinStatic	16,213	0	26,669	0	0	0
7	TERMP	LinStatic	1,997E-05	0	0,004497	0	0	0
7	TERMN	LinStatic	-5,99E-05	0	-0,013	0	0	0
7	GRADTP	LinStatic	-0,0001004	0	-0,00836	0	0	0
7	GRADTN	LinStatic	0,0001004	0	0,00836	0	0	0
7	LM71C	LinStatic	6,677E-05	0	10,865	0	0	0
7	LM71SX	LinStatic	5,502E-05	0	13,301	0	0	0
7	LM71DX	LinStatic	5,502E-05	0	8,426	0	0	0
7	STLM71	LinStatic	-2,627	0	-5,725	0	0	0
7	AVVLM71	LinStatic	-2,32	0	-10,102	0	0	0
7	SW2	LinStatic	4,33E-05	0	10,988	0	0	0
7	STSW2	LinStatic	-4,476	0	-9,756	0	0	0
7	INCRTER	LinStatic	-19,959	0	-43,503	0	0	0
7	LM71SISO	LinStatic	-0,756	0	-3,293	0	0	0
7	SW2SISO	LinStatic	-0,661	0	-2,877	0	0	0
7	SISMAO	LinStatic	-7,327	0	-24,227	0	0	0
7	LM71SVA	LinStatic	-1,538E-06	0	-0,39	0	0	0
7	SW2SVA	LinStatic	-1,342E-06	0	-0,341	0	0	0
7	SISMAVA	LinStatic	2,859E-05	0	-4,16	0	0	0
7	LM71SVB	LinStatic	1,538E-06	0	0,39	0	0	0
7	SW2SVB	LinStatic	1,342E-06	0	0,341	0	0	0
7	SISMAVB	LinStatic	-2,859E-05	0	4,16	0	0	0
8	PP	LinStatic	-0,0001971	0	25,09	0	0	0
8	REINTSUP	LinStatic	1,538E-05	0	4,24	0	0	0
8	BALLAST	LinStatic	1,357E-05	0	3,741	0	0	0
8	STERRASX	LinStatic	-16,217	0	-24,367	0	0	0
8	STERRADX	LinStatic	16,213	0	24,318	0	0	0
8	TERMP	LinStatic	1,823E-05	0	0,001475	0	0	0
8	TERMN	LinStatic	-5,469E-05	0	-0,004426	0	0	0
8	GRADTP	LinStatic	-9,169E-05	0	-0,002743	0	0	0
8	GRADTN	LinStatic	9,169E-05	0	0,002743	0	0	0
8	LM71C	LinStatic	6,096E-05	0	10,776	0	0	0
8	LM71SX	LinStatic	5,024E-05	0	12,999	0	0	0
8	LM71DX	LinStatic	5,024E-05	0	8,552	0	0	0
8	STLM71	LinStatic	-2,627	0	-5,205	0	0	0
8	AVVLM71	LinStatic	-2,32	0	-9,2	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
8	SW2	LinStatic	3,953E-05	0	10,899	0	0	0
8	STSW2	LinStatic	-4,476	0	-8,869	0	0	0
8	INCRTER	LinStatic	-19,959	0	-39,548	0	0	0
8	LM71SISO	LinStatic	-0,756	0	-2,998	0	0	0
8	SW2SISO	LinStatic	-0,661	0	-2,62	0	0	0
8	SISMAO	LinStatic	-7,326	0	-22,059	0	0	0
8	LM71SVA	LinStatic	-1,404E-06	0	-0,387	0	0	0
8	SW2SVA	LinStatic	-1,225E-06	0	-0,338	0	0	0
8	SISMAVA	LinStatic	2,611E-05	0	-4,129	0	0	0
8	LM71SVB	LinStatic	1,404E-06	0	0,387	0	0	0
8	SW2SVB	LinStatic	1,225E-06	0	0,338	0	0	0
8	SISMAVB	LinStatic	-2,611E-05	0	4,129	0	0	0
9	PP	LinStatic	-0,0001783	0	24,962	0	0	0
9	REINTSUP	LinStatic	1,391E-05	0	4,208	0	0	0
9	BALLAST	LinStatic	1,228E-05	0	3,713	0	0	0
9	STERRASX	LinStatic	-16,217	0	-21,938	0	0	0
9	STERRADX	LinStatic	16,213	0	21,981	0	0	0
9	TERMP	LinStatic	1,649E-05	0	-0,001268	0	0	0
9	TERMN	LinStatic	-4,948E-05	0	0,003804	0	0	0
9	GRADTP	LinStatic	-8,295E-05	0	0,002357	0	0	0
9	GRADTN	LinStatic	8,295E-05	0	-0,002357	0	0	0
9	LM71C	LinStatic	5,515E-05	0	10,692	0	0	0
9	LM71SX	LinStatic	4,545E-05	0	12,701	0	0	0
9	LM71DX	LinStatic	4,545E-05	0	8,683	0	0	0
9	STLM71	LinStatic	-2,627	0	-4,689	0	0	0
9	AVVLM71	LinStatic	-2,32	0	-8,303	0	0	0
9	SW2	LinStatic	3,577E-05	0	10,815	0	0	0
9	STSW2	LinStatic	-4,476	0	-7,99	0	0	0
9	INCRTER	LinStatic	-19,958	0	-35,63	0	0	0
9	LM71SISO	LinStatic	-0,756	0	-2,706	0	0	0
9	SW2SISO	LinStatic	-0,661	0	-2,364	0	0	0
9	SISMAO	LinStatic	-7,326	0	-19,907	0	0	0
9	LM71SVA	LinStatic	-1,27E-06	0	-0,384	0	0	0
9	SW2SVA	LinStatic	-1,108E-06	0	-0,335	0	0	0
9	SISMAVA	LinStatic	2,362E-05	0	-4,099	0	0	0
9	LM71SVB	LinStatic	1,27E-06	0	0,384	0	0	0
9	SW2SVB	LinStatic	1,108E-06	0	0,335	0	0	0
9	SISMAVB	LinStatic	-2,362E-05	0	4,099	0	0	0
10	PP	LinStatic	-0,0001595	0	24,842	0	0	0
10	REINTSUP	LinStatic	1,245E-05	0	4,177	0	0	0
10	BALLAST	LinStatic	1,099E-05	0	3,686	0	0	0
10	STERRASX	LinStatic	-16,216	0	-19,532	0	0	0
10	STERRADX	LinStatic	16,213	0	19,658	0	0	0
10	TERMP	LinStatic	1,476E-05	0	-0,003734	0	0	0
10	TERMN	LinStatic	-4,427E-05	0	0,011	0	0	0
10	GRADTP	LinStatic	-7,422E-05	0	0,006942	0	0	0
10	GRADTN	LinStatic	7,422E-05	0	-0,006942	0	0	0
10	LM71C	LinStatic	4,935E-05	0	10,614	0	0	0
10	LM71SX	LinStatic	4,067E-05	0	12,411	0	0	0
10	LM71DX	LinStatic	4,067E-05	0	8,819	0	0	0
10	STLM71	LinStatic	-2,627	0	-4,178	0	0	0
10	AVVLM71	LinStatic	-2,32	0	-7,412	0	0	0
10	SW2	LinStatic	3,2E-05	0	10,738	0	0	0
10	STSW2	LinStatic	-4,476	0	-7,119	0	0	0
10	INCRTER	LinStatic	-19,958	0	-31,747	0	0	0
10	LM71SISO	LinStatic	-0,756	0	-2,416	0	0	0
10	SW2SISO	LinStatic	-0,661	0	-2,111	0	0	0
10	SISMAO	LinStatic	-7,326	0	-17,769	0	0	0
10	LM71SVA	LinStatic	-1,137E-06	0	-0,381	0	0	0
10	SW2SVA	LinStatic	-9,917E-07	0	-0,333	0	0	0
10	SISMAVA	LinStatic	2,113E-05	0	-4,072	0	0	0
10	LM71SVB	LinStatic	1,137E-06	0	0,381	0	0	0
10	SW2SVB	LinStatic	9,917E-07	0	0,333	0	0	0
10	SISMAVB	LinStatic	-2,113E-05	0	4,072	0	0	0
11	PP	LinStatic	-0,0001408	0	24,732	0	0	0
11	REINTSUP	LinStatic	1,099E-05	0	4,15	0	0	0
11	BALLAST	LinStatic	9,693E-06	0	3,662	0	0	0
11	STERRASX	LinStatic	-16,216	0	-17,148	0	0	0
11	STERRADX	LinStatic	16,213	0	17,347	0	0	0
11	TERMP	LinStatic	1,302E-05	0	-0,005924	0	0	0
11	TERMN	LinStatic	-3,906E-05	0	0,018	0	0	0
11	GRADTP	LinStatic	-6,549E-05	0	0,011	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
11	GRADTN	LinStatic	6,549E-05	0	-0,011	0	0	0
11	LM71C	LinStatic	4,354E-05	0	10,543	0	0	0
11	LM71SX	LinStatic	3,588E-05	0	12,127	0	0	0
11	LM71DX	LinStatic	3,588E-05	0	8,961	0	0	0
11	STLM71	LinStatic	-2,627	0	-3,671	0	0	0
11	AVVLM71	LinStatic	-2,32	0	-6,526	0	0	0
11	SW2	LinStatic	2,824E-05	0	10,667	0	0	0
11	STSW2	LinStatic	-4,476	0	-6,255	0	0	0
11	INCRTER	LinStatic	-19,957	0	-27,895	0	0	0
11	LM71SISO	LinStatic	-0,756	0	-2,127	0	0	0
11	SW2SISO	LinStatic	-0,661	0	-1,858	0	0	0
11	SISMAO	LinStatic	-7,326	0	-15,645	0	0	0
11	LM71SVA	LinStatic	-1,003E-06	0	-0,379	0	0	0
11	SW2SVA	LinStatic	-8,751E-07	0	-0,331	0	0	0
11	SISMAVA	LinStatic	1,865E-05	0	-4,047	0	0	0
11	LM71SVB	LinStatic	1,003E-06	0	0,379	0	0	0
11	SW2SVB	LinStatic	8,751E-07	0	0,331	0	0	0
11	SISMAVB	LinStatic	-1,865E-05	0	4,047	0	0	0
12	PP	LinStatic	-0,000122	0	24,634	0	0	0
12	REINTSUP	LinStatic	9,521E-06	0	4,125	0	0	0
12	BALLAST	LinStatic	8,401E-06	0	3,64	0	0	0
12	STERRASX	LinStatic	-16,216	0	-14,783	0	0	0
12	STERRADX	LinStatic	16,213	0	15,048	0	0	0
12	TERMP	LinStatic	1,128E-05	0	-0,007838	0	0	0
12	TERMN	LinStatic	-3,385E-05	0	0,024	0	0	0
12	GRADTP	LinStatic	-5,676E-05	0	0,015	0	0	0
12	GRADTN	LinStatic	5,676E-05	0	-0,015	0	0	0
12	LM71C	LinStatic	3,774E-05	0	10,479	0	0	0
12	LM71SX	LinStatic	3,11E-05	0	11,852	0	0	0
12	LM71DX	LinStatic	3,11E-05	0	9,11	0	0	0
12	STLM71	LinStatic	-2,626	0	-3,168	0	0	0
12	AVVLM71	LinStatic	-2,32	0	-5,646	0	0	0
12	SW2	LinStatic	2,447E-05	0	10,603	0	0	0
12	STSW2	LinStatic	-4,475	0	-5,398	0	0	0
12	INCRTER	LinStatic	-19,957	0	-24,072	0	0	0
12	LM71SISO	LinStatic	-0,756	0	-1,84	0	0	0
12	SW2SISO	LinStatic	-0,661	0	-1,608	0	0	0
12	SISMAO	LinStatic	-7,326	0	-13,533	0	0	0
12	LM71SVA	LinStatic	-8,692E-07	0	-0,377	0	0	0
12	SW2SVA	LinStatic	-7,584E-07	0	-0,329	0	0	0
12	SISMAVA	LinStatic	1,616E-05	0	-4,025	0	0	0
12	LM71SVB	LinStatic	8,692E-07	0	0,377	0	0	0
12	SW2SVB	LinStatic	7,584E-07	0	0,329	0	0	0
12	SISMAVB	LinStatic	-1,616E-05	0	4,025	0	0	0
13	PP	LinStatic	-0,0001032	0	24,548	0	0	0
13	REINTSUP	LinStatic	8,056E-06	0	4,103	0	0	0
13	BALLAST	LinStatic	7,108E-06	0	3,621	0	0	0
13	STERRASX	LinStatic	-16,215	0	-12,437	0	0	0
13	STERRADX	LinStatic	16,213	0	12,757	0	0	0
13	TERMP	LinStatic	9,549E-06	0	-0,009478	0	0	0
13	TERMN	LinStatic	-2,865E-05	0	0,028	0	0	0
13	GRADTP	LinStatic	-4,803E-05	0	0,018	0	0	0
13	GRADTN	LinStatic	4,803E-05	0	-0,018	0	0	0
13	LM71C	LinStatic	3,193E-05	0	10,424	0	0	0
13	LM71SX	LinStatic	2,631E-05	0	11,585	0	0	0
13	LM71DX	LinStatic	2,631E-05	0	9,266	0	0	0
13	STLM71	LinStatic	-2,626	0	-2,669	0	0	0
13	AVVLM71	LinStatic	-2,32	0	-4,77	0	0	0
13	SW2	LinStatic	2,071E-05	0	10,548	0	0	0
13	STSW2	LinStatic	-4,475	0	-4,547	0	0	0
13	INCRTER	LinStatic	-19,957	0	-20,277	0	0	0
13	LM71SISO	LinStatic	-0,756	0	-1,554	0	0	0
13	SW2SISO	LinStatic	-0,661	0	-1,358	0	0	0
13	SISMAO	LinStatic	-7,326	0	-11,432	0	0	0
13	LM71SVA	LinStatic	-7,355E-07	0	-0,375	0	0	0
13	SW2SVA	LinStatic	-6,417E-07	0	-0,327	0	0	0
13	SISMAVA	LinStatic	1,368E-05	0	-4,005	0	0	0
13	LM71SVB	LinStatic	7,355E-07	0	0,375	0	0	0
13	SW2SVB	LinStatic	6,417E-07	0	0,327	0	0	0
13	SISMAVB	LinStatic	-1,368E-05	0	4,005	0	0	0
14	PP	LinStatic	-8,446E-05	0	24,475	0	0	0
14	REINTSUP	LinStatic	6,591E-06	0	4,085	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
14	BALLAST	LinStatic	5,816E-06	0	3,605	0	0	0
14	STERRASX	LinStatic	-16,215	0	-10,107	0	0	0
14	STERRADX	LinStatic	16,214	0	10,473	0	0	0
14	TERMP	LinStatic	7,813E-06	0	-0,011	0	0	0
14	TERMN	LinStatic	-2,344E-05	0	0,033	0	0	0
14	GRADTP	LinStatic	-3,929E-05	0	0,02	0	0	0
14	GRADTN	LinStatic	3,929E-05	0	-0,02	0	0	0
14	LM71C	LinStatic	2,613E-05	0	10,376	0	0	0
14	LM71SX	LinStatic	2,153E-05	0	11,327	0	0	0
14	LM71DX	LinStatic	2,153E-05	0	9,431	0	0	0
14	STLM71	LinStatic	-2,626	0	-2,172	0	0	0
14	AVVLM71	LinStatic	-2,32	0	-3,897	0	0	0
14	SW2	LinStatic	1,694E-05	0	10,501	0	0	0
14	STSW2	LinStatic	-4,475	0	-3,701	0	0	0
14	INCRTER	LinStatic	-19,957	0	-16,505	0	0	0
14	LM71SISO	LinStatic	-0,756	0	-1,27	0	0	0
14	SW2SISO	LinStatic	-0,661	0	-1,11	0	0	0
14	SISMAO	LinStatic	-7,326	0	-9,34	0	0	0
14	LM71SVA	LinStatic	-6,018E-07	0	-0,373	0	0	0
14	SW2SVA	LinStatic	-5,25E-07	0	-0,325	0	0	0
14	SISMAVA	LinStatic	1,119E-05	0	-3,988	0	0	0
14	LM71SVB	LinStatic	6,018E-07	0	0,373	0	0	0
14	SW2SVB	LinStatic	5,25E-07	0	0,325	0	0	0
14	SISMAVB	LinStatic	-1,119E-05	0	3,988	0	0	0
15	PP	LinStatic	-6,569E-05	0	24,415	0	0	0
15	REINTSUP	LinStatic	5,126E-06	0	4,07	0	0	0
15	BALLAST	LinStatic	4,523E-06	0	3,591	0	0	0
15	STERRASX	LinStatic	-16,215	0	-7,792	0	0	0
15	STERRADX	LinStatic	16,214	0	8,195	0	0	0
15	TERMP	LinStatic	6,076E-06	0	-0,012	0	0	0
15	TERMN	LinStatic	-1,823E-05	0	0,036	0	0	0
15	GRADTP	LinStatic	-3,056E-05	0	0,022	0	0	0
15	GRADTN	LinStatic	3,056E-05	0	-0,022	0	0	0
15	LM71C	LinStatic	2,032E-05	0	10,338	0	0	0
15	LM71SX	LinStatic	1,675E-05	0	11,078	0	0	0
15	LM71DX	LinStatic	1,675E-05	0	9,604	0	0	0
15	STLM71	LinStatic	-2,626	0	-1,678	0	0	0
15	AVVLM71	LinStatic	-2,32	0	-3,028	0	0	0
15	SW2	LinStatic	1,318E-05	0	10,463	0	0	0
15	STSW2	LinStatic	-4,475	0	-2,86	0	0	0
15	INCRTER	LinStatic	-19,956	0	-12,753	0	0	0
15	LM71SISO	LinStatic	-0,756	0	-0,987	0	0	0
15	SW2SISO	LinStatic	-0,661	0	-0,862	0	0	0
15	SISMAO	LinStatic	-7,326	0	-7,256	0	0	0
15	LM71SVA	LinStatic	-4,68E-07	0	-0,372	0	0	0
15	SW2SVA	LinStatic	-4,084E-07	0	-0,324	0	0	0
15	SISMAVA	LinStatic	8,702E-06	0	-3,975	0	0	0
15	LM71SVB	LinStatic	4,68E-07	0	0,372	0	0	0
15	SW2SVB	LinStatic	4,084E-07	0	0,324	0	0	0
15	SISMAVB	LinStatic	-8,702E-06	0	3,975	0	0	0
16	PP	LinStatic	-4,692E-05	0	24,37	0	0	0
16	REINTSUP	LinStatic	3,662E-06	0	4,059	0	0	0
16	BALLAST	LinStatic	3,231E-06	0	3,582	0	0	0
16	STERRASX	LinStatic	-16,215	0	-5,489	0	0	0
16	STERRADX	LinStatic	16,214	0	5,919	0	0	0
16	TERMP	LinStatic	4,34E-06	0	-0,013	0	0	0
16	TERMN	LinStatic	-1,302E-05	0	0,038	0	0	0
16	GRADTP	LinStatic	-2,183E-05	0	0,024	0	0	0
16	GRADTN	LinStatic	2,183E-05	0	-0,024	0	0	0
16	LM71C	LinStatic	1,451E-05	0	10,309	0	0	0
16	LM71SX	LinStatic	1,196E-05	0	10,838	0	0	0
16	LM71DX	LinStatic	1,196E-05	0	9,786	0	0	0
16	STLM71	LinStatic	-2,626	0	-1,187	0	0	0
16	AVVLM71	LinStatic	-2,32	0	-2,161	0	0	0
16	SW2	LinStatic	9,412E-06	0	10,434	0	0	0
16	STSW2	LinStatic	-4,475	0	-2,022	0	0	0
16	INCRTER	LinStatic	-19,956	0	-9,019	0	0	0
16	LM71SISO	LinStatic	-0,756	0	-0,704	0	0	0
16	SW2SISO	LinStatic	-0,661	0	-0,615	0	0	0
16	SISMAO	LinStatic	-7,326	0	-5,179	0	0	0
16	LM71SVA	LinStatic	-3,343E-07	0	-0,371	0	0	0
16	SW2SVA	LinStatic	-2,917E-07	0	-0,323	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
16	SISMAVA	LinStatic	6,216E-06	0	-3,964	0	0	0
16	LM71SVB	LinStatic	3,343E-07	0	0,371	0	0	0
16	SW2SVB	LinStatic	2,917E-07	0	0,323	0	0	0
16	SISMAVB	LinStatic	-6,216E-06	0	3,964	0	0	0
17	PP	LinStatic	-2,815E-05	0	24,34	0	0	0
17	REINTSUP	LinStatic	2,197E-06	0	4,052	0	0	0
17	BALLAST	LinStatic	1,939E-06	0	3,575	0	0	0
17	STERRASX	LinStatic	-16,214	0	-3,196	0	0	0
17	STERRADX	LinStatic	16,214	0	3,644	0	0	0
17	TERMP	LinStatic	2,604E-06	0	-0,013	0	0	0
17	TERMN	LinStatic	-7,813E-06	0	0,04	0	0	0
17	GRADTP	LinStatic	-1,31E-05	0	0,025	0	0	0
17	GRADTN	LinStatic	1,31E-05	0	-0,025	0	0	0
17	LM71C	LinStatic	8,708E-06	0	10,29	0	0	0
17	LM71SX	LinStatic	7,176E-06	0	10,608	0	0	0
17	LM71DX	LinStatic	7,176E-06	0	9,977	0	0	0
17	STLM71	LinStatic	-2,626	0	-0,697	0	0	0
17	AVVLM71	LinStatic	-2,32	0	-1,296	0	0	0
17	SW2	LinStatic	5,647E-06	0	10,414	0	0	0
17	STSW2	LinStatic	-4,475	0	-1,188	0	0	0
17	INCRTER	LinStatic	-19,956	0	-5,298	0	0	0
17	LM71SISO	LinStatic	-0,756	0	-0,422	0	0	0
17	SW2SISO	LinStatic	-0,661	0	-0,369	0	0	0
17	SISMAO	LinStatic	-7,326	0	-3,105	0	0	0
17	LM71SVA	LinStatic	-2,006E-07	0	-0,37	0	0	0
17	SW2SVA	LinStatic	-1,75E-07	0	-0,323	0	0	0
17	SISMAVA	LinStatic	3,73E-06	0	-3,958	0	0	0
17	LM71SVB	LinStatic	2,006E-07	0	0,37	0	0	0
17	SW2SVB	LinStatic	1,75E-07	0	0,323	0	0	0
17	SISMAVB	LinStatic	-3,73E-06	0	3,958	0	0	0
18	PP	LinStatic	-9,385E-06	0	24,325	0	0	0
18	REINTSUP	LinStatic	7,323E-07	0	4,048	0	0	0
18	BALLAST	LinStatic	6,462E-07	0	3,572	0	0	0
18	STERRASX	LinStatic	-16,214	0	-0,911	0	0	0
18	STERRADX	LinStatic	16,214	0	1,369	0	0	0
18	TERMP	LinStatic	8,681E-07	0	-0,014	0	0	0
18	TERMN	LinStatic	-2,604E-06	0	0,041	0	0	0
18	GRADTP	LinStatic	-4,366E-06	0	0,025	0	0	0
18	GRADTN	LinStatic	4,366E-06	0	-0,025	0	0	0
18	LM71C	LinStatic	2,903E-06	0	10,28	0	0	0
18	LM71SX	LinStatic	2,392E-06	0	10,388	0	0	0
18	LM71DX	LinStatic	2,392E-06	0	10,178	0	0	0
18	STLM71	LinStatic	-2,626	0	-0,209	0	0	0
18	AVVLM71	LinStatic	-2,32	0	-0,432	0	0	0
18	SW2	LinStatic	1,882E-06	0	10,405	0	0	0
18	STSW2	LinStatic	-4,475	0	-0,356	0	0	0
18	INCRTER	LinStatic	-19,956	0	-1,588	0	0	0
18	LM71SISO	LinStatic	-0,756	0	-0,141	0	0	0
18	SW2SISO	LinStatic	-0,661	0	-0,123	0	0	0
18	SISMAO	LinStatic	-7,326	0	-1,035	0	0	0
18	LM71SVA	LinStatic	-6,686E-08	0	-0,37	0	0	0
18	SW2SVA	LinStatic	-5,834E-08	0	-0,322	0	0	0
18	SISMAVA	LinStatic	1,243E-06	0	-3,954	0	0	0
18	LM71SVB	LinStatic	6,686E-08	0	0,37	0	0	0
18	SW2SVB	LinStatic	5,834E-08	0	0,322	0	0	0
18	SISMAVB	LinStatic	-1,243E-06	0	3,954	0	0	0
19	PP	LinStatic	9,385E-06	0	24,325	0	0	0
19	REINTSUP	LinStatic	-7,323E-07	0	4,048	0	0	0
19	BALLAST	LinStatic	-6,462E-07	0	3,572	0	0	0
19	STERRASX	LinStatic	-16,214	0	1,369	0	0	0
19	STERRADX	LinStatic	16,214	0	-0,911	0	0	0
19	TERMP	LinStatic	-8,681E-07	0	-0,014	0	0	0
19	TERMN	LinStatic	2,604E-06	0	0,041	0	0	0
19	GRADTP	LinStatic	4,366E-06	0	0,025	0	0	0
19	GRADTN	LinStatic	-4,366E-06	0	-0,025	0	0	0
19	LM71C	LinStatic	-2,903E-06	0	10,28	0	0	0
19	LM71SX	LinStatic	-2,392E-06	0	10,178	0	0	0
19	LM71DX	LinStatic	-2,392E-06	0	10,388	0	0	0
19	STLM71	LinStatic	-2,626	0	0,278	0	0	0
19	AVVLM71	LinStatic	-2,32	0	0,432	0	0	0
19	SW2	LinStatic	-1,882E-06	0	10,405	0	0	0
19	STSW2	LinStatic	-4,475	0	0,474	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
19	INCRTER	LinStatic	-19,956	0	2,114	0	0	0
19	LM71SISO	LinStatic	-0,756	0	0,141	0	0	0
19	SW2SISO	LinStatic	-0,661	0	0,123	0	0	0
19	SISMAO	LinStatic	-7,326	0	1,035	0	0	0
19	LM71SVA	LinStatic	6,686E-08	0	-0,37	0	0	0
19	SW2SVA	LinStatic	5,834E-08	0	-0,322	0	0	0
19	SISMAVA	LinStatic	-1,243E-06	0	-3,954	0	0	0
19	LM71SVB	LinStatic	-6,686E-08	0	0,37	0	0	0
19	SW2SVB	LinStatic	-5,834E-08	0	0,322	0	0	0
19	SISMAVB	LinStatic	1,243E-06	0	3,954	0	0	0
20	PP	LinStatic	2,815E-05	0	24,34	0	0	0
20	REINTSUP	LinStatic	-2,197E-06	0	4,052	0	0	0
20	BALLAST	LinStatic	-1,939E-06	0	3,575	0	0	0
20	STERRASX	LinStatic	-16,214	0	3,644	0	0	0
20	STERRADX	LinStatic	16,214	0	-3,196	0	0	0
20	TERMP	LinStatic	-2,604E-06	0	-0,013	0	0	0
20	TERMN	LinStatic	7,813E-06	0	0,04	0	0	0
20	GRADTP	LinStatic	1,31E-05	0	0,025	0	0	0
20	GRADTN	LinStatic	-1,31E-05	0	-0,025	0	0	0
20	LM71C	LinStatic	-8,708E-06	0	10,29	0	0	0
20	LM71SX	LinStatic	-7,176E-06	0	9,977	0	0	0
20	LM71DX	LinStatic	-7,176E-06	0	10,608	0	0	0
20	STLM71	LinStatic	-2,626	0	0,765	0	0	0
20	AVVLM71	LinStatic	-2,32	0	1,296	0	0	0
20	SW2	LinStatic	-5,647E-06	0	10,414	0	0	0
20	STSW2	LinStatic	-4,475	0	1,304	0	0	0
20	INCRTER	LinStatic	-19,955	0	5,814	0	0	0
20	LM71SISO	LinStatic	-0,756	0	0,422	0	0	0
20	SW2SISO	LinStatic	-0,661	0	0,369	0	0	0
20	SISMAO	LinStatic	-7,326	0	3,105	0	0	0
20	LM71SVA	LinStatic	2,006E-07	0	-0,37	0	0	0
20	SW2SVA	LinStatic	1,75E-07	0	-0,323	0	0	0
20	SISMAVA	LinStatic	-3,73E-06	0	-3,958	0	0	0
20	LM71SVB	LinStatic	-2,006E-07	0	0,37	0	0	0
20	SW2SVB	LinStatic	-1,75E-07	0	0,323	0	0	0
20	SISMAVB	LinStatic	3,73E-06	0	3,958	0	0	0
21	PP	LinStatic	4,692E-05	0	24,37	0	0	0
21	REINTSUP	LinStatic	-3,662E-06	0	4,059	0	0	0
21	BALLAST	LinStatic	-3,231E-06	0	3,582	0	0	0
21	STERRASX	LinStatic	-16,214	0	5,919	0	0	0
21	STERRADX	LinStatic	16,215	0	-5,489	0	0	0
21	TERMP	LinStatic	-4,34E-06	0	-0,013	0	0	0
21	TERMN	LinStatic	1,302E-05	0	0,038	0	0	0
21	GRADTP	LinStatic	2,183E-05	0	0,024	0	0	0
21	GRADTN	LinStatic	-2,183E-05	0	-0,024	0	0	0
21	LM71C	LinStatic	-1,451E-05	0	10,309	0	0	0
21	LM71SX	LinStatic	-1,196E-05	0	9,786	0	0	0
21	LM71DX	LinStatic	-1,196E-05	0	10,838	0	0	0
21	STLM71	LinStatic	-2,626	0	1,252	0	0	0
21	AVVLM71	LinStatic	-2,32	0	2,161	0	0	0
21	SW2	LinStatic	-9,412E-06	0	10,434	0	0	0
21	STSW2	LinStatic	-4,475	0	2,133	0	0	0
21	INCRTER	LinStatic	-19,955	0	9,513	0	0	0
21	LM71SISO	LinStatic	-0,756	0	0,704	0	0	0
21	SW2SISO	LinStatic	-0,661	0	0,615	0	0	0
21	SISMAO	LinStatic	-7,326	0	5,179	0	0	0
21	LM71SVA	LinStatic	3,343E-07	0	-0,371	0	0	0
21	SW2SVA	LinStatic	2,917E-07	0	-0,323	0	0	0
21	SISMAVA	LinStatic	-6,216E-06	0	-3,964	0	0	0
21	LM71SVB	LinStatic	-3,343E-07	0	0,371	0	0	0
21	SW2SVB	LinStatic	-2,917E-07	0	0,323	0	0	0
21	SISMAVB	LinStatic	6,216E-06	0	3,964	0	0	0
22	PP	LinStatic	6,569E-05	0	24,415	0	0	0
22	REINTSUP	LinStatic	-5,126E-06	0	4,07	0	0	0
22	BALLAST	LinStatic	-4,523E-06	0	3,591	0	0	0
22	STERRASX	LinStatic	-16,214	0	8,195	0	0	0
22	STERRADX	LinStatic	16,215	0	-7,792	0	0	0
22	TERMP	LinStatic	-6,076E-06	0	-0,012	0	0	0
22	TERMN	LinStatic	1,823E-05	0	0,036	0	0	0
22	GRADTP	LinStatic	3,056E-05	0	0,022	0	0	0
22	GRADTN	LinStatic	-3,056E-05	0	-0,022	0	0	0
22	LM71C	LinStatic	-2,032E-05	0	10,338	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
22	LM71SX	LinStatic	-1,675E-05	0	9,604	0	0	0
22	LM71DX	LinStatic	-1,675E-05	0	11,078	0	0	0
22	STLM71	LinStatic	-2,626	0	1,739	0	0	0
22	AVVLM71	LinStatic	-2,32	0	3,028	0	0	0
22	SW2	LinStatic	-1,318E-05	0	10,463	0	0	0
22	STSW2	LinStatic	-4,475	0	2,964	0	0	0
22	INCRTER	LinStatic	-19,955	0	13,216	0	0	0
22	LM71SISO	LinStatic	-0,756	0	0,987	0	0	0
22	SW2SISO	LinStatic	-0,661	0	0,862	0	0	0
22	SISMAO	LinStatic	-7,326	0	7,256	0	0	0
22	LM71SVA	LinStatic	4,68E-07	0	-0,372	0	0	0
22	SW2SVA	LinStatic	4,084E-07	0	-0,324	0	0	0
22	SISMAVA	LinStatic	-8,702E-06	0	-3,975	0	0	0
22	LM71SVB	LinStatic	-4,68E-07	0	0,372	0	0	0
22	SW2SVB	LinStatic	-4,084E-07	0	0,324	0	0	0
22	SISMAVB	LinStatic	8,702E-06	0	3,975	0	0	0
23	PP	LinStatic	8,446E-05	0	24,475	0	0	0
23	REINTSUP	LinStatic	-6,591E-06	0	4,085	0	0	0
23	BALLAST	LinStatic	-5,816E-06	0	3,605	0	0	0
23	STERRASX	LinStatic	-16,214	0	10,473	0	0	0
23	STERRADX	LinStatic	16,215	0	-10,107	0	0	0
23	TERMP	LinStatic	-7,813E-06	0	-0,011	0	0	0
23	TERMN	LinStatic	2,344E-05	0	0,033	0	0	0
23	GRADTP	LinStatic	3,929E-05	0	0,02	0	0	0
23	GRADTN	LinStatic	-3,929E-05	0	-0,02	0	0	0
23	LM71C	LinStatic	-2,613E-05	0	10,376	0	0	0
23	LM71SX	LinStatic	-2,153E-05	0	9,431	0	0	0
23	LM71DX	LinStatic	-2,153E-05	0	11,327	0	0	0
23	STLM71	LinStatic	-2,626	0	2,227	0	0	0
23	AVVLM71	LinStatic	-2,32	0	3,897	0	0	0
23	SW2	LinStatic	-1,694E-05	0	10,501	0	0	0
23	STSW2	LinStatic	-4,475	0	3,795	0	0	0
23	INCRTER	LinStatic	-19,955	0	16,925	0	0	0
23	LM71SISO	LinStatic	-0,756	0	1,27	0	0	0
23	SW2SISO	LinStatic	-0,661	0	1,11	0	0	0
23	SISMAO	LinStatic	-7,326	0	9,34	0	0	0
23	LM71SVA	LinStatic	6,018E-07	0	-0,373	0	0	0
23	SW2SVA	LinStatic	5,25E-07	0	-0,325	0	0	0
23	SISMAVA	LinStatic	-1,119E-05	0	-3,988	0	0	0
23	LM71SVB	LinStatic	-6,018E-07	0	0,373	0	0	0
23	SW2SVB	LinStatic	-5,25E-07	0	0,325	0	0	0
23	SISMAVB	LinStatic	1,119E-05	0	3,988	0	0	0
24	PP	LinStatic	0,0001032	0	24,548	0	0	0
24	REINTSUP	LinStatic	-8,056E-06	0	4,103	0	0	0
24	BALLAST	LinStatic	-7,108E-06	0	3,621	0	0	0
24	STERRASX	LinStatic	-16,213	0	12,757	0	0	0
24	STERRADX	LinStatic	16,215	0	-12,437	0	0	0
24	TERMP	LinStatic	-9,549E-06	0	-0,009478	0	0	0
24	TERMN	LinStatic	2,865E-05	0	0,028	0	0	0
24	GRADTP	LinStatic	4,803E-05	0	0,018	0	0	0
24	GRADTN	LinStatic	-4,803E-05	0	-0,018	0	0	0
24	LM71C	LinStatic	-3,193E-05	0	10,424	0	0	0
24	LM71SX	LinStatic	-2,631E-05	0	9,266	0	0	0
24	LM71DX	LinStatic	-2,631E-05	0	11,585	0	0	0
24	STLM71	LinStatic	-2,626	0	2,717	0	0	0
24	AVVLM71	LinStatic	-2,32	0	4,77	0	0	0
24	SW2	LinStatic	-2,071E-05	0	10,548	0	0	0
24	STSW2	LinStatic	-4,475	0	4,629	0	0	0
24	INCRTER	LinStatic	-19,955	0	20,644	0	0	0
24	LM71SISO	LinStatic	-0,756	0	1,554	0	0	0
24	SW2SISO	LinStatic	-0,661	0	1,358	0	0	0
24	SISMAO	LinStatic	-7,326	0	11,432	0	0	0
24	LM71SVA	LinStatic	7,355E-07	0	-0,375	0	0	0
24	SW2SVA	LinStatic	6,417E-07	0	-0,327	0	0	0
24	SISMAVA	LinStatic	-1,368E-05	0	-4,005	0	0	0
24	LM71SVB	LinStatic	-7,355E-07	0	0,375	0	0	0
24	SW2SVB	LinStatic	-6,417E-07	0	0,327	0	0	0
24	SISMAVB	LinStatic	1,368E-05	0	4,005	0	0	0
25	PP	LinStatic	0,000122	0	24,634	0	0	0
25	REINTSUP	LinStatic	-9,521E-06	0	4,125	0	0	0
25	BALLAST	LinStatic	-8,401E-06	0	3,64	0	0	0
25	STERRASX	LinStatic	-16,213	0	15,048	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
25	STERRADX	LinStatic	16,216	0	-14,783	0	0	0
25	TERMP	LinStatic	-1,128E-05	0	-0,007838	0	0	0
25	TERMN	LinStatic	3,385E-05	0	0,024	0	0	0
25	GRADTP	LinStatic	5,676E-05	0	0,015	0	0	0
25	GRADTN	LinStatic	-5,676E-05	0	-0,015	0	0	0
25	LM71C	LinStatic	-3,774E-05	0	10,479	0	0	0
25	LM71SX	LinStatic	-3,11E-05	0	9,11	0	0	0
25	LM71DX	LinStatic	-3,11E-05	0	11,852	0	0	0
25	STLM71	LinStatic	-2,626	0	3,208	0	0	0
25	AVVLM71	LinStatic	-2,32	0	5,646	0	0	0
25	SW2	LinStatic	-2,447E-05	0	10,603	0	0	0
25	STSW2	LinStatic	-4,475	0	5,466	0	0	0
25	INCRTER	LinStatic	-19,955	0	24,376	0	0	0
25	LM71SISO	LinStatic	-0,756	0	1,84	0	0	0
25	SW2SISO	LinStatic	-0,661	0	1,608	0	0	0
25	SISMAO	LinStatic	-7,326	0	13,533	0	0	0
25	LM71SVA	LinStatic	8,692E-07	0	-0,377	0	0	0
25	SW2SVA	LinStatic	7,584E-07	0	-0,329	0	0	0
25	SISMAVA	LinStatic	-1,616E-05	0	-4,025	0	0	0
25	LM71SVB	LinStatic	-8,692E-07	0	0,377	0	0	0
25	SW2SVB	LinStatic	-7,584E-07	0	0,329	0	0	0
25	SISMAVB	LinStatic	1,616E-05	0	4,025	0	0	0
26	PP	LinStatic	0,0001408	0	24,732	0	0	0
26	REINTSUP	LinStatic	-1,099E-05	0	4,15	0	0	0
26	BALLAST	LinStatic	-9,693E-06	0	3,662	0	0	0
26	STERRASX	LinStatic	-16,213	0	17,347	0	0	0
26	STERRADX	LinStatic	16,216	0	-17,148	0	0	0
26	TERMP	LinStatic	-1,302E-05	0	-0,005924	0	0	0
26	TERMN	LinStatic	3,906E-05	0	0,018	0	0	0
26	GRADTP	LinStatic	6,549E-05	0	0,011	0	0	0
26	GRADTN	LinStatic	-6,549E-05	0	-0,011	0	0	0
26	LM71C	LinStatic	-4,354E-05	0	10,543	0	0	0
26	LM71SX	LinStatic	-3,588E-05	0	8,961	0	0	0
26	LM71DX	LinStatic	-3,588E-05	0	12,127	0	0	0
26	STLM71	LinStatic	-2,626	0	3,701	0	0	0
26	AVVLM71	LinStatic	-2,32	0	6,526	0	0	0
26	SW2	LinStatic	-2,824E-05	0	10,667	0	0	0
26	STSW2	LinStatic	-4,475	0	6,307	0	0	0
26	INCRTER	LinStatic	-19,955	0	28,124	0	0	0
26	LM71SISO	LinStatic	-0,756	0	2,127	0	0	0
26	SW2SISO	LinStatic	-0,661	0	1,858	0	0	0
26	SISMAO	LinStatic	-7,326	0	15,645	0	0	0
26	LM71SVA	LinStatic	1,003E-06	0	-0,379	0	0	0
26	SW2SVA	LinStatic	8,751E-07	0	-0,331	0	0	0
26	SISMAVA	LinStatic	-1,865E-05	0	-4,047	0	0	0
26	LM71SVB	LinStatic	-1,003E-06	0	0,379	0	0	0
26	SW2SVB	LinStatic	-8,751E-07	0	0,331	0	0	0
26	SISMAVB	LinStatic	1,865E-05	0	4,047	0	0	0
27	PP	LinStatic	0,0001595	0	24,842	0	0	0
27	REINTSUP	LinStatic	-1,245E-05	0	4,177	0	0	0
27	BALLAST	LinStatic	-1,099E-05	0	3,686	0	0	0
27	STERRASX	LinStatic	-16,213	0	19,658	0	0	0
27	STERRADX	LinStatic	16,216	0	-19,532	0	0	0
27	TERMP	LinStatic	-1,476E-05	0	-0,003734	0	0	0
27	TERMN	LinStatic	4,427E-05	0	0,011	0	0	0
27	GRADTP	LinStatic	7,422E-05	0	0,006942	0	0	0
27	GRADTN	LinStatic	-7,422E-05	0	-0,006942	0	0	0
27	LM71C	LinStatic	-4,935E-05	0	10,614	0	0	0
27	LM71SX	LinStatic	-4,067E-05	0	8,819	0	0	0
27	LM71DX	LinStatic	-4,067E-05	0	12,411	0	0	0
27	STLM71	LinStatic	-2,626	0	4,197	0	0	0
27	AVVLM71	LinStatic	-2,32	0	7,412	0	0	0
27	SW2	LinStatic	-3,2E-05	0	10,738	0	0	0
27	STSW2	LinStatic	-4,475	0	7,152	0	0	0
27	INCRTER	LinStatic	-19,955	0	31,891	0	0	0
27	LM71SISO	LinStatic	-0,756	0	2,416	0	0	0
27	SW2SISO	LinStatic	-0,661	0	2,111	0	0	0
27	SISMAO	LinStatic	-7,326	0	17,769	0	0	0
27	LM71SVA	LinStatic	1,137E-06	0	-0,381	0	0	0
27	SW2SVA	LinStatic	9,917E-07	0	-0,333	0	0	0
27	SISMAVA	LinStatic	-2,113E-05	0	-4,072	0	0	0
27	LM71SVB	LinStatic	-1,137E-06	0	0,381	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
27	SW2SVB	LinStatic	-9,917E-07	0	0,333	0	0	0
27	SISMAVB	LinStatic	2,113E-05	0	4,072	0	0	0
28	PP	LinStatic	0,0001783	0	24,962	0	0	0
28	REINTSUP	LinStatic	-1,391E-05	0	4,208	0	0	0
28	BALLAST	LinStatic	-1,228E-05	0	3,713	0	0	0
28	STERRASX	LinStatic	-16,213	0	21,981	0	0	0
28	STERRADX	LinStatic	16,217	0	-21,938	0	0	0
28	TERMP	LinStatic	-1,649E-05	0	-0,001268	0	0	0
28	TERMN	LinStatic	4,948E-05	0	0,003804	0	0	0
28	GRADTP	LinStatic	8,295E-05	0	0,002357	0	0	0
28	GRADTN	LinStatic	-8,295E-05	0	-0,002357	0	0	0
28	LM71C	LinStatic	-5,515E-05	0	10,692	0	0	0
28	LM71SX	LinStatic	-4,545E-05	0	8,683	0	0	0
28	LM71DX	LinStatic	-4,545E-05	0	12,701	0	0	0
28	STLM71	LinStatic	-2,626	0	4,696	0	0	0
28	AVVLM71	LinStatic	-2,32	0	8,303	0	0	0
28	SW2	LinStatic	-3,577E-05	0	10,815	0	0	0
28	STSW2	LinStatic	-4,475	0	8,001	0	0	0
28	INCRTER	LinStatic	-19,955	0	35,68	0	0	0
28	LM71SISO	LinStatic	-0,756	0	2,706	0	0	0
28	SW2SISO	LinStatic	-0,661	0	2,364	0	0	0
28	SISMAO	LinStatic	-7,326	0	19,907	0	0	0
28	LM71SVA	LinStatic	1,27E-06	0	-0,384	0	0	0
28	SW2SVA	LinStatic	1,108E-06	0	-0,335	0	0	0
28	SISMAVA	LinStatic	-2,362E-05	0	-4,099	0	0	0
28	LM71SVB	LinStatic	-1,27E-06	0	0,384	0	0	0
28	SW2SVB	LinStatic	-1,108E-06	0	0,335	0	0	0
28	SISMAVB	LinStatic	2,362E-05	0	4,099	0	0	0
29	PP	LinStatic	0,0001971	0	25,09	0	0	0
29	REINTSUP	LinStatic	-1,538E-05	0	4,24	0	0	0
29	BALLAST	LinStatic	-1,357E-05	0	3,741	0	0	0
29	STERRASX	LinStatic	-16,213	0	24,318	0	0	0
29	STERRADX	LinStatic	16,217	0	-24,367	0	0	0
29	TERMP	LinStatic	-1,823E-05	0	0,001475	0	0	0
29	TERMN	LinStatic	5,469E-05	0	-0,004426	0	0	0
29	GRADTP	LinStatic	9,169E-05	0	-0,002743	0	0	0
29	GRADTN	LinStatic	-9,169E-05	0	0,002743	0	0	0
29	LM71C	LinStatic	-6,096E-05	0	10,776	0	0	0
29	LM71SX	LinStatic	-5,024E-05	0	8,552	0	0	0
29	LM71DX	LinStatic	-5,024E-05	0	12,999	0	0	0
29	STLM71	LinStatic	-2,626	0	5,197	0	0	0
29	AVVLM71	LinStatic	-2,32	0	9,2	0	0	0
29	SW2	LinStatic	-3,953E-05	0	10,899	0	0	0
29	STSW2	LinStatic	-4,475	0	8,856	0	0	0
29	INCRTER	LinStatic	-19,955	0	39,491	0	0	0
29	LM71SISO	LinStatic	-0,756	0	2,998	0	0	0
29	SW2SISO	LinStatic	-0,661	0	2,62	0	0	0
29	SISMAO	LinStatic	-7,326	0	22,059	0	0	0
29	LM71SVA	LinStatic	1,404E-06	0	-0,387	0	0	0
29	SW2SVA	LinStatic	1,225E-06	0	-0,338	0	0	0
29	SISMAVA	LinStatic	-2,611E-05	0	-4,129	0	0	0
29	LM71SVB	LinStatic	-1,404E-06	0	0,387	0	0	0
29	SW2SVB	LinStatic	-1,225E-06	0	0,338	0	0	0
29	SISMAVB	LinStatic	2,611E-05	0	4,129	0	0	0
30	PP	LinStatic	0,0002159	0	25,226	0	0	0
30	REINTSUP	LinStatic	-1,684E-05	0	4,275	0	0	0
30	BALLAST	LinStatic	-1,486E-05	0	3,772	0	0	0
30	STERRASX	LinStatic	-16,213	0	26,669	0	0	0
30	STERRADX	LinStatic	16,217	0	-26,821	0	0	0
30	TERMP	LinStatic	-1,997E-05	0	0,004497	0	0	0
30	TERMN	LinStatic	5,99E-05	0	-0,013	0	0	0
30	GRADTP	LinStatic	0,0001004	0	-0,00836	0	0	0
30	GRADTN	LinStatic	-0,0001004	0	0,00836	0	0	0
30	LM71C	LinStatic	-6,677E-05	0	10,865	0	0	0
30	LM71SX	LinStatic	-5,502E-05	0	8,426	0	0	0
30	LM71DX	LinStatic	-5,502E-05	0	13,301	0	0	0
30	STLM71	LinStatic	-2,626	0	5,702	0	0	0
30	AVVLM71	LinStatic	-2,32	0	10,102	0	0	0
30	SW2	LinStatic	-4,33E-05	0	10,988	0	0	0
30	STSW2	LinStatic	-4,475	0	9,716	0	0	0
30	INCRTER	LinStatic	-19,955	0	43,328	0	0	0
30	LM71SISO	LinStatic	-0,756	0	3,293	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
30	SW2SISO	LinStatic	-0,661	0	2,877	0	0	0
30	SISMAO	LinStatic	-7,327	0	24,227	0	0	0
30	LM71SVA	LinStatic	1,538E-06	0	-0,39	0	0	0
30	SW2SVA	LinStatic	1,342E-06	0	-0,341	0	0	0
30	SISMAVA	LinStatic	-2,859E-05	0	-4,16	0	0	0
30	LM71SVB	LinStatic	-1,538E-06	0	0,39	0	0	0
30	SW2SVB	LinStatic	-1,342E-06	0	0,341	0	0	0
30	SISMAVB	LinStatic	2,859E-05	0	4,16	0	0	0
31	PP	LinStatic	0,0002346	0	25,367	0	0	0
31	REINTSUP	LinStatic	-1,831E-05	0	4,311	0	0	0
31	BALLAST	LinStatic	-1,616E-05	0	3,804	0	0	0
31	STERRASX	LinStatic	-16,213	0	29,038	0	0	0
31	STERRADX	LinStatic	16,218	0	-29,301	0	0	0
31	TERMP	LinStatic	-2,17E-05	0	0,007796	0	0	0
31	TERMN	LinStatic	6,511E-05	0	-0,023	0	0	0
31	GRADTP	LinStatic	0,0001092	0	-0,014	0	0	0
31	GRADTN	LinStatic	-0,0001092	0	0,014	0	0	0
31	LM71C	LinStatic	-7,257E-05	0	10,958	0	0	0
31	LM71SX	LinStatic	-5,981E-05	0	8,304	0	0	0
31	LM71DX	LinStatic	-5,981E-05	0	13,609	0	0	0
31	STLM71	LinStatic	-2,626	0	6,211	0	0	0
31	AVVLM71	LinStatic	-2,32	0	11,012	0	0	0
31	SW2	LinStatic	-4,706E-05	0	11,081	0	0	0
31	STSW2	LinStatic	-4,475	0	10,583	0	0	0
31	INCRTER	LinStatic	-19,955	0	47,193	0	0	0
31	LM71SISO	LinStatic	-0,756	0	3,589	0	0	0
31	SW2SISO	LinStatic	-0,661	0	3,136	0	0	0
31	SISMAO	LinStatic	-7,327	0	26,412	0	0	0
31	LM71SVA	LinStatic	1,672E-06	0	-0,394	0	0	0
31	SW2SVA	LinStatic	1,458E-06	0	-0,343	0	0	0
31	SISMAVA	LinStatic	-3,108E-05	0	-4,192	0	0	0
31	LM71SVB	LinStatic	-1,672E-06	0	0,394	0	0	0
31	SW2SVB	LinStatic	-1,458E-06	0	0,343	0	0	0
31	SISMAVB	LinStatic	3,108E-05	0	4,192	0	0	0
32	PP	LinStatic	0,0002534	0	25,512	0	0	0
32	REINTSUP	LinStatic	-1,977E-05	0	4,348	0	0	0
32	BALLAST	LinStatic	-1,745E-05	0	3,837	0	0	0
32	STERRASX	LinStatic	-16,213	0	31,423	0	0	0
32	STERRADX	LinStatic	16,218	0	-31,807	0	0	0
32	TERMP	LinStatic	-2,344E-05	0	0,011	0	0	0
32	TERMN	LinStatic	7,032E-05	0	-0,034	0	0	0
32	GRADTP	LinStatic	0,0001179	0	-0,021	0	0	0
32	GRADTN	LinStatic	-0,0001179	0	0,021	0	0	0
32	LM71C	LinStatic	-7,838E-05	0	11,055	0	0	0
32	LM71SX	LinStatic	-6,459E-05	0	8,185	0	0	0
32	LM71DX	LinStatic	-6,459E-05	0	13,92	0	0	0
32	STLM71	LinStatic	-2,626	0	6,723	0	0	0
32	AVVLM71	LinStatic	-2,32	0	11,928	0	0	0
32	SW2	LinStatic	-5,083E-05	0	11,177	0	0	0
32	STSW2	LinStatic	-4,475	0	11,456	0	0	0
32	INCRTER	LinStatic	-19,955	0	51,085	0	0	0
32	LM71SISO	LinStatic	-0,756	0	3,888	0	0	0
32	SW2SISO	LinStatic	-0,661	0	3,397	0	0	0
32	SISMAO	LinStatic	-7,327	0	28,614	0	0	0
32	LM71SVA	LinStatic	1,805E-06	0	-0,397	0	0	0
32	SW2SVA	LinStatic	1,575E-06	0	-0,346	0	0	0
32	SISMAVA	LinStatic	-3,357E-05	0	-4,226	0	0	0
32	LM71SVB	LinStatic	-1,805E-06	0	0,397	0	0	0
32	SW2SVB	LinStatic	-1,575E-06	0	0,346	0	0	0
32	SISMAVB	LinStatic	3,357E-05	0	4,226	0	0	0
33	PP	LinStatic	0,0002722	0	25,66	0	0	0
33	REINTSUP	LinStatic	-2,124E-05	0	4,386	0	0	0
33	BALLAST	LinStatic	-1,874E-05	0	3,87	0	0	0
33	STERRASX	LinStatic	-16,213	0	33,826	0	0	0
33	STERRADX	LinStatic	16,218	0	-34,34	0	0	0
33	TERMP	LinStatic	-2,517E-05	0	0,015	0	0	0
33	TERMN	LinStatic	7,552E-05	0	-0,046	0	0	0
33	GRADTP	LinStatic	0,0001266	0	-0,028	0	0	0
33	GRADTN	LinStatic	-0,0001266	0	0,028	0	0	0
33	LM71C	LinStatic	-8,418E-05	0	11,154	0	0	0
33	LM71SX	LinStatic	-6,938E-05	0	8,067	0	0	0
33	LM71DX	LinStatic	-6,938E-05	0	14,234	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
33	STLM71	LinStatic	-2,626	0	7,239	0	0	0
33	AVVLM71	LinStatic	-2,32	0	12,851	0	0	0
33	SW2	LinStatic	-5,459E-05	0	11,275	0	0	0
33	STSW2	LinStatic	-4,475	0	12,336	0	0	0
33	INCRTER	LinStatic	-19,955	0	55,008	0	0	0
33	LM71SISO	LinStatic	-0,756	0	4,188	0	0	0
33	SW2SISO	LinStatic	-0,661	0	3,66	0	0	0
33	SISMAO	LinStatic	-7,327	0	30,833	0	0	0
33	LM71SVA	LinStatic	1,939E-06	0	-0,4	0	0	0
33	SW2SVA	LinStatic	1,692E-06	0	-0,349	0	0	0
33	SISMAVA	LinStatic	-3,605E-05	0	-4,26	0	0	0
33	LM71SVB	LinStatic	-1,939E-06	0	0,4	0	0	0
33	SW2SVB	LinStatic	-1,692E-06	0	0,349	0	0	0
33	SISMAVB	LinStatic	3,605E-05	0	4,26	0	0	0
34	PP	LinStatic	0,0002723	0	24,154	0	0	0
34	REINTSUP	LinStatic	-2,125E-05	0	4,142	0	0	0
34	BALLAST	LinStatic	-1,875E-05	0	3,654	0	0	0
34	STERRASX	LinStatic	-15,175	0	33,925	0	0	0
34	STERRADX	LinStatic	15,18	0	-34,537	0	0	0
34	TERMP	LinStatic	-2,519E-05	0	0,018	0	0	0
34	TERMN	LinStatic	7,556E-05	0	-0,054	0	0	0
34	GRADTP	LinStatic	0,0001267	0	-0,034	0	0	0
34	GRADTN	LinStatic	-0,0001267	0	0,034	0	0	0
34	LM71C	LinStatic	-8,423E-05	0	10,533	0	0	0
34	LM71SX	LinStatic	-6,941E-05	0	7,44	0	0	0
34	LM71DX	LinStatic	-6,941E-05	0	13,617	0	0	0
34	STLM71	LinStatic	-2,458	0	7,262	0	0	0
34	AVVLM71	LinStatic	-2,172	0	12,898	0	0	0
34	SW2	LinStatic	-5,462E-05	0	10,646	0	0	0
34	STSW2	LinStatic	-4,188	0	12,375	0	0	0
34	INCRTER	LinStatic	-18,677	0	55,183	0	0	0
34	LM71SISO	LinStatic	-0,708	0	4,204	0	0	0
34	SW2SISO	LinStatic	-0,618	0	3,673	0	0	0
34	SISMAO	LinStatic	-6,858	0	30,951	0	0	0
34	LM71SVA	LinStatic	1,94E-06	0	-0,378	0	0	0
34	SW2SVA	LinStatic	1,693E-06	0	-0,33	0	0	0
34	SISMAVA	LinStatic	-3,607E-05	0	-4,019	0	0	0
34	LM71SVB	LinStatic	-1,94E-06	0	0,378	0	0	0
34	SW2SVB	LinStatic	-1,693E-06	0	0,33	0	0	0
34	SISMAVB	LinStatic	3,607E-05	0	4,019	0	0	0
35	PP	LinStatic	0,0002679	0	22,611	0	0	0
35	REINTSUP	LinStatic	-2,091E-05	0	3,887	0	0	0
35	BALLAST	LinStatic	-1,845E-05	0	3,43	0	0	0
35	STERRASX	LinStatic	-14,136	0	33,457	0	0	0
35	STERRADX	LinStatic	14,141	0	-34,139	0	0	0
35	TERMP	LinStatic	-2,478E-05	0	0,02	0	0	0
35	TERMN	LinStatic	7,435E-05	0	-0,061	0	0	0
35	GRADTP	LinStatic	0,0001246	0	-0,038	0	0	0
35	GRADTN	LinStatic	-0,0001246	0	0,038	0	0	0
35	LM71C	LinStatic	-8,287E-05	0	9,888	0	0	0
35	LM71SX	LinStatic	-6,83E-05	0	6,842	0	0	0
35	LM71DX	LinStatic	-6,83E-05	0	12,925	0	0	0
35	STLM71	LinStatic	-2,29	0	7,163	0	0	0
35	AVVLM71	LinStatic	-2,023	0	12,727	0	0	0
35	SW2	LinStatic	-5,374E-05	0	9,992	0	0	0
35	STSW2	LinStatic	-3,902	0	12,206	0	0	0
35	INCRTER	LinStatic	-17,399	0	54,431	0	0	0
35	LM71SISO	LinStatic	-0,659	0	4,148	0	0	0
35	SW2SISO	LinStatic	-0,576	0	3,624	0	0	0
35	SISMAO	LinStatic	-6,388	0	30,545	0	0	0
35	LM71SVA	LinStatic	1,909E-06	0	-0,355	0	0	0
35	SW2SVA	LinStatic	1,665E-06	0	-0,31	0	0	0
35	SISMAVA	LinStatic	-3,549E-05	0	-3,77	0	0	0
35	LM71SVB	LinStatic	-1,909E-06	0	0,355	0	0	0
35	SW2SVB	LinStatic	-1,665E-06	0	0,31	0	0	0
35	SISMAVB	LinStatic	3,549E-05	0	3,77	0	0	0
36	PP	LinStatic	0,0001411	0	11,36	0	0	0
36	REINTSUP	LinStatic	-1,101E-05	0	1,958	0	0	0
36	BALLAST	LinStatic	-9,716E-06	0	1,728	0	0	0
36	STERRASX	LinStatic	-7,068	0	17,661	0	0	0
36	STERRADX	LinStatic	7,071	0	-18,062	0	0	0
36	TERMP	LinStatic	-1,305E-05	0	0,012	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
36	TERMN	LinStatic	3,915E-05	0	-0,036	0	0	0
36	GRADTP	LinStatic	6,564E-05	0	-0,022	0	0	0
36	GRADTN	LinStatic	-6,564E-05	0	0,022	0	0	0
36	LM71C	LinStatic	-4,364E-05	0	4,981	0	0	0
36	LM71SX	LinStatic	-3,597E-05	0	3,376	0	0	0
36	LM71DX	LinStatic	-3,597E-05	0	6,582	0	0	0
36	STLM71	LinStatic	-1,145	0	3,782	0	0	0
36	AVVLM71	LinStatic	-1,011	0	6,722	0	0	0
36	SW2	LinStatic	-2,83E-05	0	5,033	0	0	0
36	STSW2	LinStatic	-1,951	0	6,445	0	0	0
36	INCRTER	LinStatic	-8,699	0	28,738	0	0	0
36	LM71SISO	LinStatic	-0,33	0	2,191	0	0	0
36	SW2SISO	LinStatic	-0,288	0	1,914	0	0	0
36	SISMAO	LinStatic	-3,194	0	16,134	0	0	0
36	LM71SVA	LinStatic	1,005E-06	0	-0,179	0	0	0
36	SW2SVA	LinStatic	8,771E-07	0	-0,156	0	0	0
36	SISMAVA	LinStatic	-1,869E-05	0	-1,897	0	0	0
36	LM71SVB	LinStatic	-1,005E-06	0	0,179	0	0	0
36	SW2SVB	LinStatic	-8,771E-07	0	0,156	0	0	0
36	SISMAVB	LinStatic	1,869E-05	0	1,897	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	56,25	56,25	562,5	0	0	0
2	Local	112,5	112,5	1125	0	0	0
3	Local	120,77	120,77	1207,66	0	0	0
4	Local	129,03	129,03	1290,32	0	0	0
5	Local	129,03	129,03	1290,32	0	0	0
6	Local	129,03	129,03	1290,32	0	0	0
7	Local	129,03	129,03	1290,32	0	0	0
8	Local	129,03	129,03	1290,32	0	0	0
9	Local	129,03	129,03	1290,32	0	0	0
10	Local	129,03	129,03	1290,32	0	0	0
11	Local	129,03	129,03	1290,32	0	0	0
12	Local	129,03	129,03	1290,32	0	0	0
13	Local	129,03	129,03	1290,32	0	0	0
14	Local	129,03	129,03	1290,32	0	0	0
15	Local	129,03	129,03	1290,32	0	0	0
16	Local	129,03	129,03	1290,32	0	0	0
17	Local	129,03	129,03	1290,32	0	0	0
18	Local	129,03	129,03	1290,32	0	0	0
19	Local	129,03	129,03	1290,32	0	0	0
20	Local	129,03	129,03	1290,32	0	0	0
21	Local	129,03	129,03	1290,32	0	0	0
22	Local	129,03	129,03	1290,32	0	0	0
23	Local	129,03	129,03	1290,32	0	0	0
24	Local	129,03	129,03	1290,32	0	0	0
25	Local	129,03	129,03	1290,32	0	0	0
26	Local	129,03	129,03	1290,32	0	0	0
27	Local	129,03	129,03	1290,32	0	0	0
28	Local	129,03	129,03	1290,32	0	0	0
29	Local	129,03	129,03	1290,32	0	0	0
30	Local	129,03	129,03	1290,32	0	0	0
31	Local	129,03	129,03	1290,32	0	0	0
32	Local	129,03	129,03	1290,32	0	0	0
33	Local	129,03	129,03	1290,32	0	0	0
34	Local	120,77	120,77	1207,66	0	0	0
35	Local	112,5	112,5	1125	0	0	0
36	Local	56,25	56,25	562,5	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

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
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
LM71SX	LinStatic	Zero				Prog Det	Live
LM71DX	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	
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	
LM71SX	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71DX	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	

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
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	
LM71SX	
LM71DX	
STLM71	
AVVLM71	
SW2	
STSW2	
FRENSW2	
SERP	
INCRTER	
LM71SISO	
SW2SISO	
SISMAO	
LM71SVA	
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	
LM71SX	Live	0		296fb894-8cf5-4bb7-adee-beae2a1b0c17	
LM71DX	Live	0		27afe103-2a6f-46fc-92e2-1021a1066778	
STLM71	Live	0		707c91fb-3c78-4692-9ddb-53af65e73963	
AVVLM71	Live	0		5886d25a-ec23-4945-a33b-6ca972ad667c	

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
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	

ALLEGATO 2

TITOLO	Tabulati di calcolo – Scatolare sotto linea storica
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	177
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
LM71SX	Load pattern	LM71SX	1
LM71DX	Load pattern	LM71DX	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	0,225	0,1125	0	0
2	2	3	No	0,225	0,3375	0	0
3	3	4	No	0,25806	0,57903	0	0
4	4	5	No	0,25806	0,8371	0	0
5	5	6	No	0,25806	1,09516	0	0

Table: Connectivity - Frame, Part 1 of 2

Frame	JointI	JointJ	IsCurved	Length	CentroidX	CentroidY	CentroidZ
				m	m	m	m
6	6	7	No	0,25806	1,35323	0	0
7	7	8	No	0,25806	1,61129	0	0
8	8	9	No	0,25806	1,86935	0	0
9	9	10	No	0,25806	2,12742	0	0
10	10	11	No	0,25806	2,38548	0	0
11	11	12	No	0,25806	2,64355	0	0
12	12	13	No	0,25806	2,90161	0	0
13	13	14	No	0,25806	3,15968	0	0
14	14	15	No	0,25806	3,41774	0	0
15	15	16	No	0,25806	3,67581	0	0
16	16	17	No	0,25806	3,93387	0	0
17	17	18	No	0,25806	4,19194	0	0
18	18	19	No	0,25806	4,45	0	0
19	19	20	No	0,25806	4,70806	0	0
20	20	21	No	0,25806	4,96613	0	0
21	21	22	No	0,25806	5,22419	0	0
22	22	23	No	0,25806	5,48226	0	0
23	23	24	No	0,25806	5,74032	0	0
24	24	25	No	0,25806	5,99839	0	0
25	25	26	No	0,25806	6,25645	0	0
26	26	27	No	0,25806	6,51452	0	0
27	27	28	No	0,25806	6,77258	0	0
28	28	29	No	0,25806	7,03065	0	0
29	29	30	No	0,25806	7,28871	0	0
30	30	31	No	0,25806	7,54677	0	0
31	31	32	No	0,25806	7,80484	0	0
32	32	33	No	0,25806	8,0629	0	0
33	33	34	No	0,25806	8,32097	0	0
34	34	35	No	0,225	8,5625	0	0
35	35	36	No	0,225	8,7875	0	0
36	1	37	No	0,25	0	0	0,125
37	36	38	No	0,25	8,9	0	0,125
38	37	39	No	0,25	0	0	0,375
39	38	40	No	0,25	8,9	0	0,375
40	39	41	No	2,2	0	0	1,6
41	40	42	No	2,2	8,9	0	1,6
42	41	43	No	2,2	0	0	3,8
43	42	44	No	2,2	8,9	0	3,8
44	43	45	No	2,2	0	0	6
45	44	46	No	2,2	8,9	0	6
46	45	47	No	2,2	0	0	8,2
47	46	48	No	2,2	8,9	0	8,2
48	47	49	No	0,225	0	0	9,4125
49	48	50	No	0,225	8,9	0	9,4125
50	49	51	No	0,225	0	0	9,6375
51	50	60	No	0,225	8,9	0	9,6375
52	51	52	No	0,225	0,1125	0	9,75
53	52	53	No	0,225	0,3375	0	9,75
54	53	54	No	0,8	0,85	0	9,75
55	54	55	No	1,25	1,875	0	9,75
56	55	56	No	3,9	4,45	0	9,75
57	56	57	No	1,25	7,025	0	9,75
58	57	58	No	0,8	8,05	0	9,75
59	58	59	No	0,225	8,5625	0	9,75
60	59	60	No	0,225	8,7875	0	9,75

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
1	b52af612-f62c-4ce1-9aeb-540724ca7fc5
2	209d1b72-34b5-4fbc-904a-c77cca56503a
3	f0be8e5f-d1e1-488f-829b-c6ee971741a6
4	1ce87c6d-8dfc-46d4-bc43-88fb32172844
5	a07011f5-5daf-4dce-8586-da02098eeb53
6	de4a6414-06d9-4fa1-a84b-1e7ed4014175

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
7	bd537480-ebb0-4e96-990f-0bbcafbe6265
8	47ad33cb-3913-49d3-a63f-95067714d37d
9	32cc3eb3-1b5a-4076-b7a4-3136eba72c1f
10	abe049f8-76de-4e71-8090-f442e8e9bbc9
11	d43aad50-f1f2-4fa0-949b-2129342de9d6
12	ae9dd2c7-f1d7-4fa4-ac22-bd38ba2eba2f
13	736c4704-8bfa-4dbb-a414-334972f189fe
14	aac90573-ed2e-4ad8-abad-6d0282e3688c
15	9a05c466-0f2f-48d0-bd31-b058d55a0f9f
16	2b4905b4-0cd1-41a1-a0c1-471f2133415f
17	fe7a6f83-dae7-44f7-9ce4-6aebe3c65bb9
18	2fb44b68-ef55-446d-bc99-191cc3729351
19	decda9f7-6534-48b7-81fb-476471a158b5
20	80365239-9f04-4739-b465-6a78874b26ae
21	fc6a5fe6-6252-4280-8ff3-d85801fa070d
22	fab2a0b9-9965-44e0-97a8-2c61f79981ac
23	9003a602-d350-4147-ab2e-3e3d14757938
24	102c2112-3cad-4d35-bdf5-4cace5670f57
25	616c7c08-1669-47da-a570-f03cb6e24ccc
26	8724fdaf-61cb-41ae-bdfe-ee926eb9c3c4
27	3331f529-e606-4f9e-bfae-0a9033cf0194
28	efc13d48-b355-4dfa-94bd-c39591ec05f1
29	9b3c289b-7fd3-48c2-aa8f-e440b6bc2338
30	ecb15d08-b2a0-4678-9117-9f27fb5d7966
31	c9e6f015-8f7e-439a-a56f-3636b5b0da52
32	eb9ac274-fa14-436d-87bf-284e156663b0
33	33529ca4-f7b5-446b-a0ce-d5ec0c82dc20
34	298e601e-5ba4-414e-9b00-5ac5d0b15627
35	c9bb89a6-e3ef-44b9-84cf-69b526a8e1ba
36	72a0fa4c-a5ab-43d5-ba01-8d62088a1112
37	bad0f52f-5c0d-4783-91fb-08b8b7c8524a
38	26d435f1-c3e7-4b2c-afac-09a5d36b3675
39	f284bd5f-8e64-4ab8-aac9-e4cdecdb7b4f
40	489b547c-4eac-403a-a546-6dff89508c27
41	47000605-d3f4-46e8-b466-3ba0359327dc
42	6fe52b46-eecc-4ab4-9d39-bf284864022b
43	a378bac1-4229-46e7-967a-a1d2d33ec501
44	c215f698-e9df-448c-8fb6-826b5e13764e
45	9cc53a7b-8588-4769-b785-21b7cd50f7da
46	56c488d2-35e0-4d05-8703-cfd42f26e409

Table: Connectivity - Frame, Part 2 of 2

Frame	GUID
47	a0b9127d-8382-4652-8cd5-56ec2b064f46
48	086859fa-f5de-47fa-846e-f496166f09ec
49	1d38e284-0f3a-470a-9fc6-d7bf02c471d8
50	5fb5a0bf-8ecb-490e-a4fb-a7ce1616cb60
51	c2589584-990e-4c58-88a4-ebb2cd2a8c7a
52	641ecad8-293d-4af4-87d0-7d226b3b7b84
53	b668d9f3-ff56-4a24-b05c-6736417bb6b4
54	c3e3196b-9df2-416c-86dd-154d2a352ded
55	9bb306c9-1f7a-46b6-9601-4991a3bfcd36
56	ba2ba33e-c4c8-497a-ac37-7fe7d4d16f52
57	82054509-2193-4197-82a8-c71a158f3ffb
58	c10d454f-945f-4e8c-9319-8279d26daf35
59	d1cda268-9a12-41a2-a900-5ec8a50ca346
60	73c77619-e50d-4559-8a05-e262a3aab24e

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	-18,799	308,046	0	0	0
1	0,225	PP	LinStatic	-18,799	313,669	0	0	0
1	0	REINTSUP	LinStatic	0,216	10,392	0	0	0
1	0,225	REINTSUP	LinStatic	0,216	10,392	0	0	0
1	0	BALLAST	LinStatic	1,294	62,352	0	0	0
1	0,225	BALLAST	LinStatic	1,294	62,352	0	0	0
1	0	STERRASX	LinStatic	-415,234	-50,228	0	0	0
1	0,225	STERRASX	LinStatic	-415,234	-50,228	0	0	0
1	0	STERRADX	LinStatic	82,798	50,596	0	0	0
1	0,225	STERRADX	LinStatic	82,798	50,596	0	0	0
1	0	TERMP	LinStatic	1,739	-0,012	0	0	0
1	0,225	TERMP	LinStatic	1,739	-0,012	0	0	0
1	0	TERMN	LinStatic	-5,217	0,036	0	0	0
1	0,225	TERMN	LinStatic	-5,217	0,036	0	0	0
1	0	GRADTP	LinStatic	-8,746	0,022	0	0	0
1	0,225	GRADTP	LinStatic	-8,746	0,022	0	0	0
1	0	GRADTN	LinStatic	8,746	-0,022	0	0	0
1	0,225	GRADTN	LinStatic	8,746	-0,022	0	0	0
1	0	LM71C	LinStatic	7,589	231,189	0	0	0
1	0,225	LM71C	LinStatic	7,589	231,189	0	0	0
1	0	LM71SX	LinStatic	6,222	258,32	0	0	0
1	0,225	LM71SX	LinStatic	6,222	258,32	0	0	0
1	0	LM71DX	LinStatic	6,222	204,066	0	0	0
1	0,225	LM71DX	LinStatic	6,222	204,066	0	0	0
1	0	STLM71	LinStatic	-76,547	-16,446	0	0	0
1	0,225	STLM71	LinStatic	-76,547	-16,446	0	0	0
1	0	AVVLM71	LinStatic	-44,416	-42,216	0	0	0
1	0,225	AVVLM71	LinStatic	-44,416	-42,216	0	0	0
1	0	SW2	LinStatic	4,727	227,716	0	0	0
1	0,225	SW2	LinStatic	4,727	227,716	0	0	0
1	0	STSW2	LinStatic	-130,5	-28,037	0	0	0
1	0,225	STSW2	LinStatic	-130,5	-28,037	0	0	0
1	0	FRENSW2	LinStatic	-47,105	-44,772	0	0	0
1	0,225	FRENSW2	LinStatic	-47,105	-44,772	0	0	0
1	0	SERP	LinStatic	0	0	0	0	0
1	0,225	SERP	LinStatic	0	0	0	0	0
1	0	INCRTER	LinStatic	-486,877	-104,601	0	0	0
1	0,225	INCRTER	LinStatic	-486,877	-104,601	0	0	0
1	0	LM71SISO	LinStatic	-16,439	-15,625	0	0	0
1	0,225	LM71SISO	LinStatic	-16,439	-15,625	0	0	0
1	0	SW2SISO	LinStatic	-13,923	-13,234	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	0,225	SW2SISO	LinStatic	-13,923	-13,234	0	0	0
1	0	SISMAO	LinStatic	-106,442	-64,322	0	0	0
1	0,225	SISMAO	LinStatic	-106,442	-64,322	0	0	0
1	0	LM71SVA	LinStatic	-0,173	-8,357	0	0	0
1	0,225	LM71SVA	LinStatic	-0,173	-8,357	0	0	0
1	0	SW2SVA	LinStatic	-0,147	-7,058	0	0	0
1	0,225	SW2SVA	LinStatic	-0,147	-7,058	0	0	0
1	0	SISMAVA	LinStatic	2,684	-59,49	0	0	0
1	0,225	SISMAVA	LinStatic	2,684	-59,49	0	0	0
1	0	LM71SVB	LinStatic	0,173	8,357	0	0	0
1	0,225	LM71SVB	LinStatic	0,173	8,357	0	0	0
1	0	SW2SVB	LinStatic	0,147	7,058	0	0	0
1	0,225	SW2SVB	LinStatic	0,147	7,058	0	0	0
1	0	SISMAVB	LinStatic	-2,684	59,49	0	0	0
1	0,225	SISMAVB	LinStatic	-2,684	59,49	0	0	0
2	0	PP	LinStatic	-18,798	291,058	0	0	0
2	0,225	PP	LinStatic	-18,798	296,681	0	0	0
2	0	REINTSUP	LinStatic	0,216	9,82	0	0	0
2	0,225	REINTSUP	LinStatic	0,216	9,82	0	0	0
2	0	BALLAST	LinStatic	1,294	58,922	0	0	0
2	0,225	BALLAST	LinStatic	1,294	58,922	0	0	0
2	0	STERRASX	LinStatic	-402,313	-19,96	0	0	0
2	0,225	STERRASX	LinStatic	-402,313	-19,96	0	0	0
2	0	STERRADX	LinStatic	69,882	20,957	0	0	0
2	0,225	STERRADX	LinStatic	69,882	20,957	0	0	0
2	0	TERMP	LinStatic	1,739	-0,032	0	0	0
2	0,225	TERMP	LinStatic	1,739	-0,032	0	0	0
2	0	TERMN	LinStatic	-5,216	0,096	0	0	0
2	0,225	TERMN	LinStatic	-5,216	0,096	0	0	0
2	0	GRADTP	LinStatic	-8,745	0,06	0	0	0
2	0,225	GRADTP	LinStatic	-8,745	0,06	0	0	0
2	0	GRADTN	LinStatic	8,745	-0,06	0	0	0
2	0,225	GRADTN	LinStatic	8,745	-0,06	0	0	0
2	0	LM71C	LinStatic	7,589	218,459	0	0	0
2	0,225	LM71C	LinStatic	7,589	218,459	0	0	0
2	0	LM71SX	LinStatic	6,222	241,529	0	0	0
2	0,225	LM71SX	LinStatic	6,222	241,529	0	0	0
2	0	LM71DX	LinStatic	6,222	195,407	0	0	0
2	0,225	LM71DX	LinStatic	6,222	195,407	0	0	0
2	0	STLM71	LinStatic	-73,941	-8,178	0	0	0
2	0,225	STLM71	LinStatic	-73,941	-8,178	0	0	0
2	0	AVVLM71	LinStatic	-42,112	-27,718	0	0	0
2	0,225	AVVLM71	LinStatic	-42,112	-27,718	0	0	0
2	0	SW2	LinStatic	4,727	215,189	0	0	0
2	0,225	SW2	LinStatic	4,727	215,189	0	0	0
2	0	STSW2	LinStatic	-126,057	-13,941	0	0	0
2	0,225	STSW2	LinStatic	-126,057	-13,941	0	0	0
2	0	FRENSW2	LinStatic	-44,661	-29,397	0	0	0
2	0,225	FRENSW2	LinStatic	-44,661	-29,397	0	0	0
2	0	SERP	LinStatic	0	0	0	0	0
2	0,225	SERP	LinStatic	0	0	0	0	0
2	0	INCRTER	LinStatic	-470,301	-52,013	0	0	0
2	0,225	INCRTER	LinStatic	-470,301	-52,013	0	0	0
2	0	LM71SISO	LinStatic	-15,586	-10,259	0	0	0
2	0,225	LM71SISO	LinStatic	-15,586	-10,259	0	0	0
2	0	SW2SISO	LinStatic	-13,201	-8,689	0	0	0
2	0,225	SW2SISO	LinStatic	-13,201	-8,689	0	0	0
2	0	SISMAO	LinStatic	-100,92	-39,228	0	0	0
2	0,225	SISMAO	LinStatic	-100,92	-39,228	0	0	0
2	0	LM71SVA	LinStatic	-0,173	-7,897	0	0	0
2	0,225	LM71SVA	LinStatic	-0,173	-7,897	0	0	0
2	0	SW2SVA	LinStatic	-0,147	-6,67	0	0	0
2	0,225	SW2SVA	LinStatic	-0,147	-6,67	0	0	0
2	0	SISMAVA	LinStatic	2,684	-56,235	0	0	0
2	0,225	SISMAVA	LinStatic	2,684	-56,235	0	0	0
2	0	LM71SVB	LinStatic	0,173	7,897	0	0	0
2	0,225	LM71SVB	LinStatic	0,173	7,897	0	0	0
2	0	SW2SVB	LinStatic	0,147	6,67	0	0	0
2	0,225	SW2SVB	LinStatic	0,147	6,67	0	0	0
2	0	SISMAVB	LinStatic	-2,684	56,235	0	0	0
2	0,225	SISMAVB	LinStatic	-2,684	56,235	0	0	0
3	0	PP	LinStatic	-18,798	272,527	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
3	0,25806	PP	LinStatic	-18,798	278,977	0	0	0
3	0	REINTSUP	LinStatic	0,216	9,211	0	0	0
3	0,25806	REINTSUP	LinStatic	0,216	9,211	0	0	0
3	0	BALLAST	LinStatic	1,294	55,268	0	0	0
3	0,25806	BALLAST	LinStatic	1,294	55,268	0	0	0
3	0	STERRASX	LinStatic	-388,444	10,658	0	0	0
3	0,25806	STERRASX	LinStatic	-388,444	10,658	0	0	0
3	0	STERRADX	LinStatic	56,017	-9,099	0	0	0
3	0,25806	STERRADX	LinStatic	56,017	-9,099	0	0	0
3	0	TERMP	LinStatic	1,739	-0,05	0	0	0
3	0,25806	TERMP	LinStatic	1,739	-0,05	0	0	0
3	0	TERMN	LinStatic	-5,216	0,151	0	0	0
3	0,25806	TERMN	LinStatic	-5,216	0,151	0	0	0
3	0	GRADTP	LinStatic	-8,745	0,093	0	0	0
3	0,25806	GRADTP	LinStatic	-8,745	0,093	0	0	0
3	0	GRADTN	LinStatic	8,745	-0,093	0	0	0
3	0,25806	GRADTN	LinStatic	8,745	-0,093	0	0	0
3	0	LM71C	LinStatic	7,589	204,898	0	0	0
3	0,25806	LM71C	LinStatic	7,589	204,898	0	0	0
3	0	LM71SX	LinStatic	6,222	223,845	0	0	0
3	0,25806	LM71SX	LinStatic	6,222	223,845	0	0	0
3	0	LM71DX	LinStatic	6,222	185,981	0	0	0
3	0,25806	LM71DX	LinStatic	6,222	185,981	0	0	0
3	0	STLM71	LinStatic	-71,144	0,191	0	0	0
3	0,25806	STLM71	LinStatic	-71,144	0,191	0	0	0
3	0	AVVLM71	LinStatic	-39,638	-13,027	0	0	0
3	0,25806	AVVLM71	LinStatic	-39,638	-13,027	0	0	0
3	0	SW2	LinStatic	4,727	201,843	0	0	0
3	0,25806	SW2	LinStatic	4,727	201,843	0	0	0
3	0	STSW2	LinStatic	-121,288	0,325	0	0	0
3	0,25806	STSW2	LinStatic	-121,288	0,325	0	0	0
3	0	FRENSW2	LinStatic	-42,038	-13,815	0	0	0
3	0,25806	FRENSW2	LinStatic	-42,038	-13,815	0	0	0
3	0	SERP	LinStatic	0	0	0	0	0
3	0,25806	SERP	LinStatic	0	0	0	0	0
3	0	INCRTER	LinStatic	-452,509	1,212	0	0	0
3	0,25806	INCRTER	LinStatic	-452,509	1,212	0	0	0
3	0	LM71SISO	LinStatic	-14,671	-4,821	0	0	0
3	0,25806	LM71SISO	LinStatic	-14,671	-4,821	0	0	0
3	0	SW2SISO	LinStatic	-12,426	-4,084	0	0	0
3	0,25806	SW2SISO	LinStatic	-12,426	-4,084	0	0	0
3	0	SISMAO	LinStatic	-94,992	-13,801	0	0	0
3	0,25806	SISMAO	LinStatic	-94,992	-13,801	0	0	0
3	0	LM71SVA	LinStatic	-0,173	-7,407	0	0	0
3	0,25806	LM71SVA	LinStatic	-0,173	-7,407	0	0	0
3	0	SW2SVA	LinStatic	-0,147	-6,256	0	0	0
3	0,25806	SW2SVA	LinStatic	-0,147	-6,256	0	0	0
3	0	SISMAVA	LinStatic	2,684	-52,764	0	0	0
3	0,25806	SISMAVA	LinStatic	2,684	-52,764	0	0	0
3	0	LM71SVB	LinStatic	0,173	7,407	0	0	0
3	0,25806	LM71SVB	LinStatic	0,173	7,407	0	0	0
3	0	SW2SVB	LinStatic	0,147	6,256	0	0	0
3	0,25806	SW2SVB	LinStatic	0,147	6,256	0	0	0
3	0	SISMAVB	LinStatic	-2,684	52,764	0	0	0
3	0,25806	SISMAVB	LinStatic	-2,684	52,764	0	0	0
4	0	PP	LinStatic	-18,798	253,317	0	0	0
4	0,25806	PP	LinStatic	-18,798	259,767	0	0	0
4	0	REINTSUP	LinStatic	0,216	8,566	0	0	0
4	0,25806	REINTSUP	LinStatic	0,216	8,566	0	0	0
4	0	BALLAST	LinStatic	1,294	51,398	0	0	0
4	0,25806	BALLAST	LinStatic	1,294	51,398	0	0	0
4	0	STERRASX	LinStatic	-373,625	41,099	0	0	0
4	0,25806	STERRASX	LinStatic	-373,625	41,099	0	0	0
4	0	STERRADX	LinStatic	41,203	-39,068	0	0	0
4	0,25806	STERRADX	LinStatic	41,203	-39,068	0	0	0
4	0	TERMP	LinStatic	1,739	-0,065	0	0	0
4	0,25806	TERMP	LinStatic	1,739	-0,065	0	0	0
4	0	TERMN	LinStatic	-5,216	0,196	0	0	0
4	0,25806	TERMN	LinStatic	-5,216	0,196	0	0	0
4	0	GRADTP	LinStatic	-8,745	0,122	0	0	0
4	0,25806	GRADTP	LinStatic	-8,745	0,122	0	0	0
4	0	GRADTN	LinStatic	8,745	-0,122	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	0,25806	GRADTN	LinStatic	8,745	-0,122	0	0	0
4	0	LM71C	LinStatic	7,589	190,538	0	0	0
4	0,25806	LM71C	LinStatic	7,589	190,538	0	0	0
4	0	LM71SX	LinStatic	6,221	205,367	0	0	0
4	0,25806	LM71SX	LinStatic	6,221	205,367	0	0	0
4	0	LM71DX	LinStatic	6,221	175,748	0	0	0
4	0,25806	LM71DX	LinStatic	6,221	175,748	0	0	0
4	0	STLM71	LinStatic	-68,155	8,516	0	0	0
4	0,25806	STLM71	LinStatic	-68,155	8,516	0	0	0
4	0	AVVLM71	LinStatic	-36,996	1,612	0	0	0
4	0,25806	AVVLM71	LinStatic	-36,996	1,612	0	0	0
4	0	SW2	LinStatic	4,727	187,708	0	0	0
4	0,25806	SW2	LinStatic	4,727	187,708	0	0	0
4	0	STSW2	LinStatic	-116,193	14,518	0	0	0
4	0,25806	STSW2	LinStatic	-116,193	14,518	0	0	0
4	0	FRENSW2	LinStatic	-39,235	1,709	0	0	0
4	0,25806	FRENSW2	LinStatic	-39,235	1,709	0	0	0
4	0	SERP	LinStatic	0	0	0	0	0
4	0,25806	SERP	LinStatic	0	0	0	0	0
4	0	INCRTER	LinStatic	-433,499	54,164	0	0	0
4	0,25806	INCRTER	LinStatic	-433,499	54,164	0	0	0
4	0	LM71SISO	LinStatic	-13,693	0,596	0	0	0
4	0,25806	LM71SISO	LinStatic	-13,693	0,596	0	0	0
4	0	SW2SISO	LinStatic	-11,597	0,505	0	0	0
4	0,25806	SW2SISO	LinStatic	-11,597	0,505	0	0	0
4	0	SISMAO	LinStatic	-88,659	11,528	0	0	0
4	0,25806	SISMAO	LinStatic	-88,659	11,528	0	0	0
4	0	LM71SVA	LinStatic	-0,173	-6,889	0	0	0
4	0,25806	LM71SVA	LinStatic	-0,173	-6,889	0	0	0
4	0	SW2SVA	LinStatic	-0,147	-5,818	0	0	0
4	0,25806	SW2SVA	LinStatic	-0,147	-5,818	0	0	0
4	0	SISMAVA	LinStatic	2,684	-49,084	0	0	0
4	0,25806	SISMAVA	LinStatic	2,684	-49,084	0	0	0
4	0	LM71SVB	LinStatic	0,173	6,889	0	0	0
4	0,25806	LM71SVB	LinStatic	0,173	6,889	0	0	0
4	0	SW2SVB	LinStatic	0,147	5,818	0	0	0
4	0,25806	SW2SVB	LinStatic	0,147	5,818	0	0	0
4	0	SISMAVB	LinStatic	-2,684	49,084	0	0	0
4	0,25806	SISMAVB	LinStatic	-2,684	49,084	0	0	0
5	0	PP	LinStatic	-18,798	234,255	0	0	0
5	0,25806	PP	LinStatic	-18,798	240,704	0	0	0
5	0	REINTSUP	LinStatic	0,216	7,927	0	0	0
5	0,25806	REINTSUP	LinStatic	0,216	7,927	0	0	0
5	0	BALLAST	LinStatic	1,294	47,561	0	0	0
5	0,25806	BALLAST	LinStatic	1,294	47,561	0	0	0
5	0	STERRASX	LinStatic	-358,806	69,292	0	0	0
5	0,25806	STERRASX	LinStatic	-358,806	69,292	0	0	0
5	0	STERRADX	LinStatic	26,389	-66,908	0	0	0
5	0,25806	STERRADX	LinStatic	26,389	-66,908	0	0	0
5	0	TERMP	LinStatic	1,739	-0,077	0	0	0
5	0,25806	TERMP	LinStatic	1,739	-0,077	0	0	0
5	0	TERMN	LinStatic	-5,216	0,231	0	0	0
5	0,25806	TERMN	LinStatic	-5,216	0,231	0	0	0
5	0	GRADTP	LinStatic	-8,745	0,143	0	0	0
5	0,25806	GRADTP	LinStatic	-8,745	0,143	0	0	0
5	0	GRADTN	LinStatic	8,745	-0,143	0	0	0
5	0,25806	GRADTN	LinStatic	8,745	-0,143	0	0	0
5	0	LM71C	LinStatic	7,589	176,306	0	0	0
5	0,25806	LM71C	LinStatic	7,589	176,306	0	0	0
5	0	LM71SX	LinStatic	6,221	187,303	0	0	0
5	0,25806	LM71SX	LinStatic	6,221	187,303	0	0	0
5	0	LM71DX	LinStatic	6,221	165,352	0	0	0
5	0,25806	LM71DX	LinStatic	6,221	165,352	0	0	0
5	0	STLM71	LinStatic	-65,167	16,231	0	0	0
5	0,25806	STLM71	LinStatic	-65,167	16,231	0	0	0
5	0	AVVLM71	LinStatic	-34,353	15,198	0	0	0
5	0,25806	AVVLM71	LinStatic	-34,353	15,198	0	0	0
5	0	SW2	LinStatic	4,727	173,696	0	0	0
5	0,25806	SW2	LinStatic	4,727	173,696	0	0	0
5	0	STSW2	LinStatic	-111,098	27,671	0	0	0
5	0,25806	STSW2	LinStatic	-111,098	27,671	0	0	0
5	0	FRENSW2	LinStatic	-36,433	16,119	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	0,25806	FRENSW2	LinStatic	-36,433	16,119	0	0	0
5	0	SERP	LinStatic	0	0	0	0	0
5	0,25806	SERP	LinStatic	0	0	0	0	0
5	0	INCRTER	LinStatic	-414,489	103,238	0	0	0
5	0,25806	INCRTER	LinStatic	-414,489	103,238	0	0	0
5	0	LM71SISO	LinStatic	-12,715	5,625	0	0	0
5	0,25806	LM71SISO	LinStatic	-12,715	5,625	0	0	0
5	0	SW2SISO	LinStatic	-10,769	4,764	0	0	0
5	0,25806	SW2SISO	LinStatic	-10,769	4,764	0	0	0
5	0	SISMAO	LinStatic	-82,326	35,034	0	0	0
5	0,25806	SISMAO	LinStatic	-82,326	35,034	0	0	0
5	0	LM71SVA	LinStatic	-0,173	-6,374	0	0	0
5	0,25806	LM71SVA	LinStatic	-0,173	-6,374	0	0	0
5	0	SW2SVA	LinStatic	-0,147	-5,384	0	0	0
5	0,25806	SW2SVA	LinStatic	-0,147	-5,384	0	0	0
5	0	SISMAVA	LinStatic	2,684	-45,434	0	0	0
5	0,25806	SISMAVA	LinStatic	2,684	-45,434	0	0	0
5	0	LM71SVB	LinStatic	0,173	6,374	0	0	0
5	0,25806	LM71SVB	LinStatic	0,173	6,374	0	0	0
5	0	SW2SVB	LinStatic	0,147	5,384	0	0	0
5	0,25806	SW2SVB	LinStatic	0,147	5,384	0	0	0
5	0	SISMAVB	LinStatic	-2,684	45,434	0	0	0
5	0,25806	SISMAVB	LinStatic	-2,684	45,434	0	0	0
6	0	PP	LinStatic	-18,797	215,338	0	0	0
6	0,25806	PP	LinStatic	-18,797	221,787	0	0	0
6	0	REINTSUP	LinStatic	0,216	7,293	0	0	0
6	0,25806	REINTSUP	LinStatic	0,216	7,293	0	0	0
6	0	BALLAST	LinStatic	1,294	43,757	0	0	0
6	0,25806	BALLAST	LinStatic	1,294	43,757	0	0	0
6	0	STERRASX	LinStatic	-343,988	95,262	0	0	0
6	0,25806	STERRASX	LinStatic	-343,988	95,262	0	0	0
6	0	STERRADX	LinStatic	11,575	-92,637	0	0	0
6	0,25806	STERRADX	LinStatic	11,575	-92,637	0	0	0
6	0	TERMP	LinStatic	1,739	-0,085	0	0	0
6	0,25806	TERMP	LinStatic	1,739	-0,085	0	0	0
6	0	TERMN	LinStatic	-5,216	0,254	0	0	0
6	0,25806	TERMN	LinStatic	-5,216	0,254	0	0	0
6	0	GRADTP	LinStatic	-8,745	0,157	0	0	0
6	0,25806	GRADTP	LinStatic	-8,745	0,157	0	0	0
6	0	GRADTN	LinStatic	8,745	-0,157	0	0	0
6	0,25806	GRADTN	LinStatic	8,745	-0,157	0	0	0
6	0	LM71C	LinStatic	7,589	162,197	0	0	0
6	0,25806	LM71C	LinStatic	7,589	162,197	0	0	0
6	0	LM71SX	LinStatic	6,221	169,651	0	0	0
6	0,25806	LM71SX	LinStatic	6,221	169,651	0	0	0
6	0	LM71DX	LinStatic	6,221	154,793	0	0	0
6	0,25806	LM71DX	LinStatic	6,221	154,793	0	0	0
6	0	STLM71	LinStatic	-62,178	23,343	0	0	0
6	0,25806	STLM71	LinStatic	-62,178	23,343	0	0	0
6	0	AVVLM71	LinStatic	-31,71	27,742	0	0	0
6	0,25806	AVVLM71	LinStatic	-31,71	27,742	0	0	0
6	0	SW2	LinStatic	4,727	159,805	0	0	0
6	0,25806	SW2	LinStatic	4,727	159,805	0	0	0
6	0	STSW2	LinStatic	-106,002	39,796	0	0	0
6	0,25806	STSW2	LinStatic	-106,002	39,796	0	0	0
6	0	FRENSW2	LinStatic	-33,63	29,421	0	0	0
6	0,25806	FRENSW2	LinStatic	-33,63	29,421	0	0	0
6	0	SERP	LinStatic	0	0	0	0	0
6	0,25806	SERP	LinStatic	0	0	0	0	0
6	0	INCRTER	LinStatic	-395,48	148,472	0	0	0
6	0,25806	INCRTER	LinStatic	-395,48	148,472	0	0	0
6	0	LM71SISO	LinStatic	-11,736	10,268	0	0	0
6	0,25806	LM71SISO	LinStatic	-11,736	10,268	0	0	0
6	0	SW2SISO	LinStatic	-9,94	8,696	0	0	0
6	0,25806	SW2SISO	LinStatic	-9,94	8,696	0	0	0
6	0	SISMAO	LinStatic	-75,993	56,73	0	0	0
6	0,25806	SISMAO	LinStatic	-75,993	56,73	0	0	0
6	0	LM71SVA	LinStatic	-0,173	-5,865	0	0	0
6	0,25806	LM71SVA	LinStatic	-0,173	-5,865	0	0	0
6	0	SW2SVA	LinStatic	-0,147	-4,953	0	0	0
6	0,25806	SW2SVA	LinStatic	-0,147	-4,953	0	0	0
6	0	SISMAVA	LinStatic	2,684	-41,812	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
6	0,25806	SISMAVA	LinStatic	2,684	-41,812	0	0	0
6	0	LM71SVB	LinStatic	0,173	5,865	0	0	0
6	0,25806	LM71SVB	LinStatic	0,173	5,865	0	0	0
6	0	SW2SVB	LinStatic	0,147	4,953	0	0	0
6	0,25806	SW2SVB	LinStatic	0,147	4,953	0	0	0
6	0	SISMAVB	LinStatic	-2,684	41,812	0	0	0
6	0,25806	SISMAVB	LinStatic	-2,684	41,812	0	0	0
7	0	PP	LinStatic	-18,797	196,562	0	0	0
7	0,25806	PP	LinStatic	-18,797	203,011	0	0	0
7	0	REINTSUP	LinStatic	0,216	6,664	0	0	0
7	0,25806	REINTSUP	LinStatic	0,216	6,664	0	0	0
7	0	BALLAST	LinStatic	1,294	39,986	0	0	0
7	0,25806	BALLAST	LinStatic	1,294	39,986	0	0	0
7	0	STERRASX	LinStatic	-329,171	119,033	0	0	0
7	0,25806	STERRASX	LinStatic	-329,171	119,033	0	0	0
7	0	STERRADX	LinStatic	-3,239	-116,268	0	0	0
7	0,25806	STERRADX	LinStatic	-3,239	-116,268	0	0	0
7	0	TERMP	LinStatic	1,739	-0,089	0	0	0
7	0,25806	TERMP	LinStatic	1,739	-0,089	0	0	0
7	0	TERMN	LinStatic	-5,216	0,267	0	0	0
7	0,25806	TERMN	LinStatic	-5,216	0,267	0	0	0
7	0	GRADTP	LinStatic	-8,745	0,166	0	0	0
7	0,25806	GRADTP	LinStatic	-8,745	0,166	0	0	0
7	0	GRADTN	LinStatic	8,745	-0,166	0	0	0
7	0,25806	GRADTN	LinStatic	8,745	-0,166	0	0	0
7	0	LM71C	LinStatic	7,589	148,21	0	0	0
7	0,25806	LM71C	LinStatic	7,589	148,21	0	0	0
7	0	LM71SX	LinStatic	6,221	152,406	0	0	0
7	0,25806	LM71SX	LinStatic	6,221	152,406	0	0	0
7	0	LM71DX	LinStatic	6,221	144,065	0	0	0
7	0,25806	LM71DX	LinStatic	6,221	144,065	0	0	0
7	0	STLM71	LinStatic	-59,189	29,857	0	0	0
7	0,25806	STLM71	LinStatic	-59,189	29,857	0	0	0
7	0	AVVLM71	LinStatic	-29,068	39,249	0	0	0
7	0,25806	AVVLM71	LinStatic	-29,068	39,249	0	0	0
7	0	SW2	LinStatic	4,727	146,03	0	0	0
7	0,25806	SW2	LinStatic	4,727	146,03	0	0	0
7	0	STSW2	LinStatic	-100,907	50,901	0	0	0
7	0,25806	STSW2	LinStatic	-100,907	50,901	0	0	0
7	0	FRENSW2	LinStatic	-30,827	41,625	0	0	0
7	0,25806	FRENSW2	LinStatic	-30,827	41,625	0	0	0
7	0	SERP	LinStatic	0	0	0	0	0
7	0,25806	SERP	LinStatic	0	0	0	0	0
7	0	INCRTER	LinStatic	-376,471	189,904	0	0	0
7	0,25806	INCRTER	LinStatic	-376,471	189,904	0	0	0
7	0	LM71SISO	LinStatic	-10,758	14,527	0	0	0
7	0,25806	LM71SISO	LinStatic	-10,758	14,527	0	0	0
7	0	SW2SISO	LinStatic	-9,112	12,304	0	0	0
7	0,25806	SW2SISO	LinStatic	-9,112	12,304	0	0	0
7	0	SISMAO	LinStatic	-69,66	76,631	0	0	0
7	0,25806	SISMAO	LinStatic	-69,66	76,631	0	0	0
7	0	LM71SVA	LinStatic	-0,173	-5,359	0	0	0
7	0,25806	LM71SVA	LinStatic	-0,173	-5,359	0	0	0
7	0	SW2SVA	LinStatic	-0,147	-4,526	0	0	0
7	0,25806	SW2SVA	LinStatic	-0,147	-4,526	0	0	0
7	0	SISMAVA	LinStatic	2,684	-38,218	0	0	0
7	0,25806	SISMAVA	LinStatic	2,684	-38,218	0	0	0
7	0	LM71SVB	LinStatic	0,173	5,359	0	0	0
7	0,25806	LM71SVB	LinStatic	0,173	5,359	0	0	0
7	0	SW2SVB	LinStatic	0,147	4,526	0	0	0
7	0,25806	SW2SVB	LinStatic	0,147	4,526	0	0	0
7	0	SISMAVB	LinStatic	-2,684	38,218	0	0	0
7	0,25806	SISMAVB	LinStatic	-2,684	38,218	0	0	0
8	0	PP	LinStatic	-18,797	177,921	0	0	0
8	0,25806	PP	LinStatic	-18,797	184,371	0	0	0
8	0	REINTSUP	LinStatic	0,216	6,041	0	0	0
8	0,25806	REINTSUP	LinStatic	0,216	6,041	0	0	0
8	0	BALLAST	LinStatic	1,294	36,244	0	0	0
8	0,25806	BALLAST	LinStatic	1,294	36,244	0	0	0
8	0	STERRASX	LinStatic	-314,353	140,627	0	0	0
8	0,25806	STERRASX	LinStatic	-314,353	140,627	0	0	0
8	0	STERRADX	LinStatic	-18,052	-137,816	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	0,25806	STERRADX	LinStatic	-18,052	-137,816	0	0	0
8	0	TERMP	LinStatic	1,739	-0,091	0	0	0
8	0,25806	TERMP	LinStatic	1,739	-0,091	0	0	0
8	0	TERMN	LinStatic	-5,216	0,272	0	0	0
8	0,25806	TERMN	LinStatic	-5,216	0,272	0	0	0
8	0	GRADTP	LinStatic	-8,745	0,169	0	0	0
8	0,25806	GRADTP	LinStatic	-8,745	0,169	0	0	0
8	0	GRADTN	LinStatic	8,745	-0,169	0	0	0
8	0,25806	GRADTN	LinStatic	8,745	-0,169	0	0	0
8	0	LM71C	LinStatic	7,589	134,337	0	0	0
8	0,25806	LM71C	LinStatic	7,589	134,337	0	0	0
8	0	LM71SX	LinStatic	6,221	135,561	0	0	0
8	0,25806	LM71SX	LinStatic	6,221	135,561	0	0	0
8	0	LM71DX	LinStatic	6,221	133,164	0	0	0
8	0,25806	LM71DX	LinStatic	6,221	133,164	0	0	0
8	0	STLM71	LinStatic	-56,201	35,779	0	0	0
8	0,25806	STLM71	LinStatic	-56,201	35,779	0	0	0
8	0	AVVLM71	LinStatic	-26,425	49,727	0	0	0
8	0,25806	AVVLM71	LinStatic	-26,425	49,727	0	0	0
8	0	SW2	LinStatic	4,727	132,367	0	0	0
8	0,25806	SW2	LinStatic	4,727	132,367	0	0	0
8	0	STSW2	LinStatic	-95,812	60,997	0	0	0
8	0,25806	STSW2	LinStatic	-95,812	60,997	0	0	0
8	0	FRENSW2	LinStatic	-28,025	52,738	0	0	0
8	0,25806	FRENSW2	LinStatic	-28,025	52,738	0	0	0
8	0	SERP	LinStatic	0	0	0	0	0
8	0,25806	SERP	LinStatic	0	0	0	0	0
8	0	INCRTER	LinStatic	-357,462	227,57	0	0	0
8	0,25806	INCRTER	LinStatic	-357,462	227,57	0	0	0
8	0	LM71SISO	LinStatic	-9,78	18,405	0	0	0
8	0,25806	LM71SISO	LinStatic	-9,78	18,405	0	0	0
8	0	SW2SISO	LinStatic	-8,284	15,588	0	0	0
8	0,25806	SW2SISO	LinStatic	-8,284	15,588	0	0	0
8	0	SISMAO	LinStatic	-63,327	94,75	0	0	0
8	0,25806	SISMAO	LinStatic	-63,327	94,75	0	0	0
8	0	LM71SVA	LinStatic	-0,173	-4,858	0	0	0
8	0,25806	LM71SVA	LinStatic	-0,173	-4,858	0	0	0
8	0	SW2SVA	LinStatic	-0,147	-4,103	0	0	0
8	0,25806	SW2SVA	LinStatic	-0,147	-4,103	0	0	0
8	0	SISMAVA	LinStatic	2,684	-34,65	0	0	0
8	0,25806	SISMAVA	LinStatic	2,684	-34,65	0	0	0
8	0	LM71SVB	LinStatic	0,173	4,858	0	0	0
8	0,25806	LM71SVB	LinStatic	0,173	4,858	0	0	0
8	0	SW2SVB	LinStatic	0,147	4,103	0	0	0
8	0,25806	SW2SVB	LinStatic	0,147	4,103	0	0	0
8	0	SISMAVB	LinStatic	-2,684	34,65	0	0	0
8	0,25806	SISMAVB	LinStatic	-2,684	34,65	0	0	0
9	0	PP	LinStatic	-18,797	159,41	0	0	0
9	0,25806	PP	LinStatic	-18,797	165,859	0	0	0
9	0	REINTSUP	LinStatic	0,216	5,422	0	0	0
9	0,25806	REINTSUP	LinStatic	0,216	5,422	0	0	0
9	0	BALLAST	LinStatic	1,294	32,532	0	0	0
9	0,25806	BALLAST	LinStatic	1,294	32,532	0	0	0
9	0	STERRASX	LinStatic	-299,536	160,066	0	0	0
9	0,25806	STERRASX	LinStatic	-299,536	160,066	0	0	0
9	0	STERRADX	LinStatic	-32,866	-157,295	0	0	0
9	0,25806	STERRADX	LinStatic	-32,866	-157,295	0	0	0
9	0	TERMP	LinStatic	1,739	-0,089	0	0	0
9	0,25806	TERMP	LinStatic	1,739	-0,089	0	0	0
9	0	TERMN	LinStatic	-5,216	0,268	0	0	0
9	0,25806	TERMN	LinStatic	-5,216	0,268	0	0	0
9	0	GRADTP	LinStatic	-8,745	0,166	0	0	0
9	0,25806	GRADTP	LinStatic	-8,745	0,166	0	0	0
9	0	GRADTN	LinStatic	8,745	-0,166	0	0	0
9	0,25806	GRADTN	LinStatic	8,745	-0,166	0	0	0
9	0	LM71C	LinStatic	7,589	120,572	0	0	0
9	0,25806	LM71C	LinStatic	7,589	120,572	0	0	0
9	0	LM71SX	LinStatic	6,221	119,11	0	0	0
9	0,25806	LM71SX	LinStatic	6,221	119,11	0	0	0
9	0	LM71DX	LinStatic	6,221	122,085	0	0	0
9	0,25806	LM71DX	LinStatic	6,221	122,085	0	0	0
9	0	STLM71	LinStatic	-53,212	41,114	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	0,25806	STLM71	LinStatic	-53,212	41,114	0	0	0
9	0	AVVLM71	LinStatic	-23,782	59,185	0	0	0
9	0,25806	AVVLM71	LinStatic	-23,782	59,185	0	0	0
9	0	SW2	LinStatic	4,727	118,809	0	0	0
9	0,25806	SW2	LinStatic	4,727	118,809	0	0	0
9	0	STSW2	LinStatic	-90,718	70,092	0	0	0
9	0,25806	STSW2	LinStatic	-90,718	70,092	0	0	0
9	0	FRENSW2	LinStatic	-25,222	62,768	0	0	0
9	0,25806	FRENSW2	LinStatic	-25,222	62,768	0	0	0
9	0	SERP	LinStatic	0	0	0	0	0
9	0,25806	SERP	LinStatic	0	0	0	0	0
9	0	INCRTER	LinStatic	-338,454	261,504	0	0	0
9	0,25806	INCRTER	LinStatic	-338,454	261,504	0	0	0
9	0	LM71SISO	LinStatic	-8,802	21,905	0	0	0
9	0,25806	LM71SISO	LinStatic	-8,802	21,905	0	0	0
9	0	SW2SISO	LinStatic	-7,455	18,553	0	0	0
9	0,25806	SW2SISO	LinStatic	-7,455	18,553	0	0	0
9	0	SISMAO	LinStatic	-56,994	111,101	0	0	0
9	0,25806	SISMAO	LinStatic	-56,994	111,101	0	0	0
9	0	LM71SVA	LinStatic	-0,173	-4,36	0	0	0
9	0,25806	LM71SVA	LinStatic	-0,173	-4,36	0	0	0
9	0	SW2SVA	LinStatic	-0,147	-3,682	0	0	0
9	0,25806	SW2SVA	LinStatic	-0,147	-3,682	0	0	0
9	0	SISMAVA	LinStatic	2,684	-31,108	0	0	0
9	0,25806	SISMAVA	LinStatic	2,684	-31,108	0	0	0
9	0	LM71SVB	LinStatic	0,173	4,36	0	0	0
9	0,25806	LM71SVB	LinStatic	0,173	4,36	0	0	0
9	0	SW2SVB	LinStatic	0,147	3,682	0	0	0
9	0,25806	SW2SVB	LinStatic	0,147	3,682	0	0	0
9	0	SISMAVB	LinStatic	-2,684	31,108	0	0	0
9	0,25806	SISMAVB	LinStatic	-2,684	31,108	0	0	0
10	0	PP	LinStatic	-18,797	141,017	0	0	0
10	0,25806	PP	LinStatic	-18,797	147,467	0	0	0
10	0	REINTSUP	LinStatic	0,216	4,808	0	0	0
10	0,25806	REINTSUP	LinStatic	0,216	4,808	0	0	0
10	0	BALLAST	LinStatic	1,294	28,846	0	0	0
10	0,25806	BALLAST	LinStatic	1,294	28,846	0	0	0
10	0	STERRASX	LinStatic	-284,72	177,372	0	0	0
10	0,25806	STERRASX	LinStatic	-284,72	177,372	0	0	0
10	0	STERRADX	LinStatic	-47,68	-174,716	0	0	0
10	0,25806	STERRADX	LinStatic	-47,68	-174,716	0	0	0
10	0	TERMP	LinStatic	1,739	-0,086	0	0	0
10	0,25806	TERMP	LinStatic	1,739	-0,086	0	0	0
10	0	TERMN	LinStatic	-5,216	0,257	0	0	0
10	0,25806	TERMN	LinStatic	-5,216	0,257	0	0	0
10	0	GRADTP	LinStatic	-8,745	0,159	0	0	0
10	0,25806	GRADTP	LinStatic	-8,745	0,159	0	0	0
10	0	GRADTN	LinStatic	8,745	-0,159	0	0	0
10	0,25806	GRADTN	LinStatic	8,745	-0,159	0	0	0
10	0	LM71C	LinStatic	7,588	106,907	0	0	0
10	0,25806	LM71C	LinStatic	7,588	106,907	0	0	0
10	0	LM71SX	LinStatic	6,221	103,043	0	0	0
10	0,25806	LM71SX	LinStatic	6,221	103,043	0	0	0
10	0	LM71DX	LinStatic	6,221	110,821	0	0	0
10	0,25806	LM71DX	LinStatic	6,221	110,821	0	0	0
10	0	STLM71	LinStatic	-50,224	45,868	0	0	0
10	0,25806	STLM71	LinStatic	-50,224	45,868	0	0	0
10	0	AVVLM71	LinStatic	-21,14	67,627	0	0	0
10	0,25806	AVVLM71	LinStatic	-21,14	67,627	0	0	0
10	0	SW2	LinStatic	4,727	105,348	0	0	0
10	0,25806	SW2	LinStatic	4,727	105,348	0	0	0
10	0	STSW2	LinStatic	-85,623	78,197	0	0	0
10	0,25806	STSW2	LinStatic	-85,623	78,197	0	0	0
10	0	FRENSW2	LinStatic	-22,42	71,722	0	0	0
10	0,25806	FRENSW2	LinStatic	-22,42	71,722	0	0	0
10	0	SERP	LinStatic	0	0	0	0	0
10	0,25806	SERP	LinStatic	0	0	0	0	0
10	0	INCRTER	LinStatic	-319,446	291,74	0	0	0
10	0,25806	INCRTER	LinStatic	-319,446	291,74	0	0	0
10	0	LM71SISO	LinStatic	-7,824	25,03	0	0	0
10	0,25806	LM71SISO	LinStatic	-7,824	25,03	0	0	0
10	0	SW2SISO	LinStatic	-6,627	21,199	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
10	0,25806	SW2SISO	LinStatic	-6,627	21,199	0	0	0
10	0	SISMAO	LinStatic	-50,661	125,696	0	0	0
10	0,25806	SISMAO	LinStatic	-50,661	125,696	0	0	0
10	0	LM71SVA	LinStatic	-0,173	-3,866	0	0	0
10	0,25806	LM71SVA	LinStatic	-0,173	-3,866	0	0	0
10	0	SW2SVA	LinStatic	-0,147	-3,265	0	0	0
10	0,25806	SW2SVA	LinStatic	-0,147	-3,265	0	0	0
10	0	SISMAVA	LinStatic	2,684	-27,588	0	0	0
10	0,25806	SISMAVA	LinStatic	2,684	-27,588	0	0	0
10	0	LM71SVB	LinStatic	0,173	3,866	0	0	0
10	0,25806	LM71SVB	LinStatic	0,173	3,866	0	0	0
10	0	SW2SVB	LinStatic	0,147	3,265	0	0	0
10	0,25806	SW2SVB	LinStatic	0,147	3,265	0	0	0
10	0	SISMAVB	LinStatic	-2,684	27,588	0	0	0
10	0,25806	SISMAVB	LinStatic	-2,684	27,588	0	0	0
11	0	PP	LinStatic	-18,797	122,735	0	0	0
11	0,25806	PP	LinStatic	-18,797	129,184	0	0	0
11	0	REINTSUP	LinStatic	0,216	4,197	0	0	0
11	0,25806	REINTSUP	LinStatic	0,216	4,197	0	0	0
11	0	BALLAST	LinStatic	1,294	25,184	0	0	0
11	0,25806	BALLAST	LinStatic	1,294	25,184	0	0	0
11	0	STERRASX	LinStatic	-269,903	192,564	0	0	0
11	0,25806	STERRASX	LinStatic	-269,903	192,564	0	0	0
11	0	STERRADX	LinStatic	-62,494	-190,092	0	0	0
11	0,25806	STERRADX	LinStatic	-62,494	-190,092	0	0	0
11	0	TERMP	LinStatic	1,739	-0,08	0	0	0
11	0,25806	TERMP	LinStatic	1,739	-0,08	0	0	0
11	0	TERMN	LinStatic	-5,216	0,239	0	0	0
11	0,25806	TERMN	LinStatic	-5,216	0,239	0	0	0
11	0	GRADTP	LinStatic	-8,745	0,148	0	0	0
11	0,25806	GRADTP	LinStatic	-8,745	0,148	0	0	0
11	0	GRADTN	LinStatic	8,745	-0,148	0	0	0
11	0,25806	GRADTN	LinStatic	8,745	-0,148	0	0	0
11	0	LM71C	LinStatic	7,588	93,334	0	0	0
11	0,25806	LM71C	LinStatic	7,588	93,334	0	0	0
11	0	LM71SX	LinStatic	6,221	87,351	0	0	0
11	0,25806	LM71SX	LinStatic	6,221	87,351	0	0	0
11	0	LM71DX	LinStatic	6,221	99,363	0	0	0
11	0,25806	LM71DX	LinStatic	6,221	99,363	0	0	0
11	0	STLM71	LinStatic	-47,235	50,045	0	0	0
11	0,25806	STLM71	LinStatic	-47,235	50,045	0	0	0
11	0	AVVLM71	LinStatic	-18,497	75,061	0	0	0
11	0,25806	AVVLM71	LinStatic	-18,497	75,061	0	0	0
11	0	SW2	LinStatic	4,727	91,975	0	0	0
11	0,25806	SW2	LinStatic	4,727	91,975	0	0	0
11	0	STSW2	LinStatic	-80,528	85,317	0	0	0
11	0,25806	STSW2	LinStatic	-80,528	85,317	0	0	0
11	0	FRENSW2	LinStatic	-19,617	79,606	0	0	0
11	0,25806	FRENSW2	LinStatic	-19,617	79,606	0	0	0
11	0	SERP	LinStatic	0	0	0	0	0
11	0,25806	SERP	LinStatic	0	0	0	0	0
11	0	INCRTER	LinStatic	-300,439	318,307	0	0	0
11	0,25806	INCRTER	LinStatic	-300,439	318,307	0	0	0
11	0	LM71SISO	LinStatic	-6,846	27,781	0	0	0
11	0,25806	LM71SISO	LinStatic	-6,846	27,781	0	0	0
11	0	SW2SISO	LinStatic	-5,798	23,53	0	0	0
11	0,25806	SW2SISO	LinStatic	-5,798	23,53	0	0	0
11	0	SISMAO	LinStatic	-44,328	138,546	0	0	0
11	0,25806	SISMAO	LinStatic	-44,328	138,546	0	0	0
11	0	LM71SVA	LinStatic	-0,173	-3,375	0	0	0
11	0,25806	LM71SVA	LinStatic	-0,173	-3,375	0	0	0
11	0	SW2SVA	LinStatic	-0,147	-2,851	0	0	0
11	0,25806	SW2SVA	LinStatic	-0,147	-2,851	0	0	0
11	0	SISMAVA	LinStatic	2,684	-24,091	0	0	0
11	0,25806	SISMAVA	LinStatic	2,684	-24,091	0	0	0
11	0	LM71SVB	LinStatic	0,173	3,375	0	0	0
11	0,25806	LM71SVB	LinStatic	0,173	3,375	0	0	0
11	0	SW2SVB	LinStatic	0,147	2,851	0	0	0
11	0,25806	SW2SVB	LinStatic	0,147	2,851	0	0	0
11	0	SISMAVB	LinStatic	-2,684	24,091	0	0	0
11	0,25806	SISMAVB	LinStatic	-2,684	24,091	0	0	0
12	0	PP	LinStatic	-18,796	104,55	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	0,25806	PP	LinStatic	-18,796	111	0	0	0
12	0	REINTSUP	LinStatic	0,216	3,591	0	0	0
12	0,25806	REINTSUP	LinStatic	0,216	3,591	0	0	0
12	0	BALLAST	LinStatic	1,294	21,545	0	0	0
12	0,25806	BALLAST	LinStatic	1,294	21,545	0	0	0
12	0	STERRASX	LinStatic	-255,087	205,659	0	0	0
12	0,25806	STERRASX	LinStatic	-255,087	205,659	0	0	0
12	0	STERRADX	LinStatic	-77,308	-203,43	0	0	0
12	0,25806	STERRADX	LinStatic	-77,308	-203,43	0	0	0
12	0	TERMP	LinStatic	1,739	-0,072	0	0	0
12	0,25806	TERMP	LinStatic	1,739	-0,072	0	0	0
12	0	TERMN	LinStatic	-5,216	0,216	0	0	0
12	0,25806	TERMN	LinStatic	-5,216	0,216	0	0	0
12	0	GRADTP	LinStatic	-8,745	0,134	0	0	0
12	0,25806	GRADTP	LinStatic	-8,745	0,134	0	0	0
12	0	GRADTN	LinStatic	8,745	-0,134	0	0	0
12	0,25806	GRADTN	LinStatic	8,745	-0,134	0	0	0
12	0	LM71C	LinStatic	7,588	79,843	0	0	0
12	0,25806	LM71C	LinStatic	7,588	79,843	0	0	0
12	0	LM71SX	LinStatic	6,221	72,025	0	0	0
12	0,25806	LM71SX	LinStatic	6,221	72,025	0	0	0
12	0	LM71DX	LinStatic	6,221	87,702	0	0	0
12	0,25806	LM71DX	LinStatic	6,221	87,702	0	0	0
12	0	STLM71	LinStatic	-44,247	53,649	0	0	0
12	0,25806	STLM71	LinStatic	-44,247	53,649	0	0	0
12	0	AVVLM71	LinStatic	-15,855	81,492	0	0	0
12	0,25806	AVVLM71	LinStatic	-15,855	81,492	0	0	0
12	0	SW2	LinStatic	4,727	78,683	0	0	0
12	0,25806	SW2	LinStatic	4,727	78,683	0	0	0
12	0	STSW2	LinStatic	-75,433	91,463	0	0	0
12	0,25806	STSW2	LinStatic	-75,433	91,463	0	0	0
12	0	FRENSW2	LinStatic	-16,815	86,426	0	0	0
12	0,25806	FRENSW2	LinStatic	-16,815	86,426	0	0	0
12	0	SERP	LinStatic	0	0	0	0	0
12	0,25806	SERP	LinStatic	0	0	0	0	0
12	0	INCRTER	LinStatic	-281,431	341,234	0	0	0
12	0,25806	INCRTER	LinStatic	-281,431	341,234	0	0	0
12	0	LM71SISO	LinStatic	-5,868	30,161	0	0	0
12	0,25806	LM71SISO	LinStatic	-5,868	30,161	0	0	0
12	0	SW2SISO	LinStatic	-4,97	25,546	0	0	0
12	0,25806	SW2SISO	LinStatic	-4,97	25,546	0	0	0
12	0	SISMAO	LinStatic	-37,996	149,661	0	0	0
12	0,25806	SISMAO	LinStatic	-37,996	149,661	0	0	0
12	0	LM71SVA	LinStatic	-0,173	-2,888	0	0	0
12	0,25806	LM71SVA	LinStatic	-0,173	-2,888	0	0	0
12	0	SW2SVA	LinStatic	-0,147	-2,439	0	0	0
12	0,25806	SW2SVA	LinStatic	-0,147	-2,439	0	0	0
12	0	SISMAVA	LinStatic	2,684	-20,612	0	0	0
12	0,25806	SISMAVA	LinStatic	2,684	-20,612	0	0	0
12	0	LM71SVB	LinStatic	0,173	2,888	0	0	0
12	0,25806	LM71SVB	LinStatic	0,173	2,888	0	0	0
12	0	SW2SVB	LinStatic	0,147	2,439	0	0	0
12	0,25806	SW2SVB	LinStatic	0,147	2,439	0	0	0
12	0	SISMAVB	LinStatic	-2,684	20,612	0	0	0
12	0,25806	SISMAVB	LinStatic	-2,684	20,612	0	0	0
13	0	PP	LinStatic	-18,796	86,452	0	0	0
13	0,25806	PP	LinStatic	-18,796	92,902	0	0	0
13	0	REINTSUP	LinStatic	0,216	2,987	0	0	0
13	0,25806	REINTSUP	LinStatic	0,216	2,987	0	0	0
13	0	BALLAST	LinStatic	1,294	17,924	0	0	0
13	0,25806	BALLAST	LinStatic	1,294	17,924	0	0	0
13	0	STERRASX	LinStatic	-240,271	216,674	0	0	0
13	0,25806	STERRASX	LinStatic	-240,271	216,674	0	0	0
13	0	STERRADX	LinStatic	-92,122	-214,739	0	0	0
13	0,25806	STERRADX	LinStatic	-92,122	-214,739	0	0	0
13	0	TERMP	LinStatic	1,739	-0,062	0	0	0
13	0,25806	TERMP	LinStatic	1,739	-0,062	0	0	0
13	0	TERMN	LinStatic	-5,216	0,187	0	0	0
13	0,25806	TERMN	LinStatic	-5,216	0,187	0	0	0
13	0	GRADTP	LinStatic	-8,744	0,116	0	0	0
13	0,25806	GRADTP	LinStatic	-8,744	0,116	0	0	0
13	0	GRADTN	LinStatic	8,744	-0,116	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	0,25806	GRADTN	LinStatic	8,744	-0,116	0	0	0
13	0	LM71C	LinStatic	7,588	66,423	0	0	0
13	0,25806	LM71C	LinStatic	7,588	66,423	0	0	0
13	0	LM71SX	LinStatic	6,221	57,053	0	0	0
13	0,25806	LM71SX	LinStatic	6,221	57,053	0	0	0
13	0	LM71DX	LinStatic	6,221	75,83	0	0	0
13	0,25806	LM71DX	LinStatic	6,221	75,83	0	0	0
13	0	STLM71	LinStatic	-41,259	56,685	0	0	0
13	0,25806	STLM71	LinStatic	-41,259	56,685	0	0	0
13	0	AVVLM71	LinStatic	-13,212	86,924	0	0	0
13	0,25806	AVVLM71	LinStatic	-13,212	86,924	0	0	0
13	0	SW2	LinStatic	4,727	65,46	0	0	0
13	0,25806	SW2	LinStatic	4,727	65,46	0	0	0
13	0	STSW2	LinStatic	-70,339	96,639	0	0	0
13	0,25806	STSW2	LinStatic	-70,339	96,639	0	0	0
13	0	FRENSW2	LinStatic	-14,012	92,187	0	0	0
13	0,25806	FRENSW2	LinStatic	-14,012	92,187	0	0	0
13	0	SERP	LinStatic	0	0	0	0	0
13	0,25806	SERP	LinStatic	0	0	0	0	0
13	0	INCRTER	LinStatic	-262,424	360,545	0	0	0
13	0,25806	INCRTER	LinStatic	-262,424	360,545	0	0	0
13	0	LM71SISO	LinStatic	-4,89	32,172	0	0	0
13	0,25806	LM71SISO	LinStatic	-4,89	32,172	0	0	0
13	0	SW2SISO	LinStatic	-4,142	27,249	0	0	0
13	0,25806	SW2SISO	LinStatic	-4,142	27,249	0	0	0
13	0	SISMAO	LinStatic	-31,663	159,05	0	0	0
13	0,25806	SISMAO	LinStatic	-31,663	159,05	0	0	0
13	0	LM71SVA	LinStatic	-0,173	-2,402	0	0	0
13	0,25806	LM71SVA	LinStatic	-0,173	-2,402	0	0	0
13	0	SW2SVA	LinStatic	-0,146	-2,029	0	0	0
13	0,25806	SW2SVA	LinStatic	-0,146	-2,029	0	0	0
13	0	SISMAVA	LinStatic	2,684	-17,15	0	0	0
13	0,25806	SISMAVA	LinStatic	2,684	-17,15	0	0	0
13	0	LM71SVB	LinStatic	0,173	2,402	0	0	0
13	0,25806	LM71SVB	LinStatic	0,173	2,402	0	0	0
13	0	SW2SVB	LinStatic	0,146	2,029	0	0	0
13	0,25806	SW2SVB	LinStatic	0,146	2,029	0	0	0
13	0	SISMAVB	LinStatic	-2,684	17,15	0	0	0
13	0,25806	SISMAVB	LinStatic	-2,684	17,15	0	0	0
14	0	PP	LinStatic	-18,796	68,427	0	0	0
14	0,25806	PP	LinStatic	-18,796	74,877	0	0	0
14	0	REINTSUP	LinStatic	0,216	2,387	0	0	0
14	0,25806	REINTSUP	LinStatic	0,216	2,387	0	0	0
14	0	BALLAST	LinStatic	1,294	14,319	0	0	0
14	0,25806	BALLAST	LinStatic	1,294	14,319	0	0	0
14	0	STERRASX	LinStatic	-225,455	225,624	0	0	0
14	0,25806	STERRASX	LinStatic	-225,455	225,624	0	0	0
14	0	STERRADX	LinStatic	-106,937	-224,025	0	0	0
14	0,25806	STERRADX	LinStatic	-106,937	-224,025	0	0	0
14	0	TERMP	LinStatic	1,739	-0,052	0	0	0
14	0,25806	TERMP	LinStatic	1,739	-0,052	0	0	0
14	0	TERMN	LinStatic	-5,216	0,155	0	0	0
14	0,25806	TERMN	LinStatic	-5,216	0,155	0	0	0
14	0	GRADTP	LinStatic	-8,744	0,096	0	0	0
14	0,25806	GRADTP	LinStatic	-8,744	0,096	0	0	0
14	0	GRADTN	LinStatic	8,744	-0,096	0	0	0
14	0,25806	GRADTN	LinStatic	8,744	-0,096	0	0	0
14	0	LM71C	LinStatic	7,588	53,064	0	0	0
14	0,25806	LM71C	LinStatic	7,588	53,064	0	0	0
14	0	LM71SX	LinStatic	6,221	42,424	0	0	0
14	0,25806	LM71SX	LinStatic	6,221	42,424	0	0	0
14	0	LM71DX	LinStatic	6,221	63,735	0	0	0
14	0,25806	LM71DX	LinStatic	6,221	63,735	0	0	0
14	0	STLM71	LinStatic	-38,27	59,157	0	0	0
14	0,25806	STLM71	LinStatic	-38,27	59,157	0	0	0
14	0	AVVLM71	LinStatic	-10,57	91,363	0	0	0
14	0,25806	AVVLM71	LinStatic	-10,57	91,363	0	0	0
14	0	SW2	LinStatic	4,727	52,296	0	0	0
14	0,25806	SW2	LinStatic	4,727	52,296	0	0	0
14	0	STSW2	LinStatic	-65,245	100,852	0	0	0
14	0,25806	STSW2	LinStatic	-65,245	100,852	0	0	0
14	0	FRENSW2	LinStatic	-11,21	96,895	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
14	0,25806	FRENSW2	LinStatic	-11,21	96,895	0	0	0
14	0	SERP	LinStatic	0	0	0	0	0
14	0,25806	SERP	LinStatic	0	0	0	0	0
14	0	INCRTER	LinStatic	-243,418	376,264	0	0	0
14	0,25806	INCRTER	LinStatic	-243,418	376,264	0	0	0
14	0	LM71SISO	LinStatic	-3,912	33,815	0	0	0
14	0,25806	LM71SISO	LinStatic	-3,912	33,815	0	0	0
14	0	SW2SISO	LinStatic	-3,313	28,64	0	0	0
14	0,25806	SW2SISO	LinStatic	-3,313	28,64	0	0	0
14	0	SISMAO	LinStatic	-25,33	166,721	0	0	0
14	0,25806	SISMAO	LinStatic	-25,33	166,721	0	0	0
14	0	LM71SVA	LinStatic	-0,173	-1,919	0	0	0
14	0,25806	LM71SVA	LinStatic	-0,173	-1,919	0	0	0
14	0	SW2SVA	LinStatic	-0,146	-1,621	0	0	0
14	0,25806	SW2SVA	LinStatic	-0,146	-1,621	0	0	0
14	0	SISMAVA	LinStatic	2,684	-13,703	0	0	0
14	0,25806	SISMAVA	LinStatic	2,684	-13,703	0	0	0
14	0	LM71SVB	LinStatic	0,173	1,919	0	0	0
14	0,25806	LM71SVB	LinStatic	0,173	1,919	0	0	0
14	0	SW2SVB	LinStatic	0,146	1,621	0	0	0
14	0,25806	SW2SVB	LinStatic	0,146	1,621	0	0	0
14	0	SISMAVB	LinStatic	-2,684	13,703	0	0	0
14	0,25806	SISMAVB	LinStatic	-2,684	13,703	0	0	0
15	0	PP	LinStatic	-18,796	50,462	0	0	0
15	0,25806	PP	LinStatic	-18,796	56,911	0	0	0
15	0	REINTSUP	LinStatic	0,216	1,788	0	0	0
15	0,25806	REINTSUP	LinStatic	0,216	1,788	0	0	0
15	0	BALLAST	LinStatic	1,294	10,728	0	0	0
15	0,25806	BALLAST	LinStatic	1,294	10,728	0	0	0
15	0	STERRASX	LinStatic	-210,64	232,522	0	0	0
15	0,25806	STERRASX	LinStatic	-210,64	232,522	0	0	0
15	0	STERRADX	LinStatic	-121,751	-231,293	0	0	0
15	0,25806	STERRADX	LinStatic	-121,751	-231,293	0	0	0
15	0	TERMP	LinStatic	1,739	-0,04	0	0	0
15	0,25806	TERMP	LinStatic	1,739	-0,04	0	0	0
15	0	TERMN	LinStatic	-5,216	0,119	0	0	0
15	0,25806	TERMN	LinStatic	-5,216	0,119	0	0	0
15	0	GRADTP	LinStatic	-8,744	0,074	0	0	0
15	0,25806	GRADTP	LinStatic	-8,744	0,074	0	0	0
15	0	GRADTN	LinStatic	8,744	-0,074	0	0	0
15	0,25806	GRADTN	LinStatic	8,744	-0,074	0	0	0
15	0	LM71C	LinStatic	7,588	39,755	0	0	0
15	0,25806	LM71C	LinStatic	7,588	39,755	0	0	0
15	0	LM71SX	LinStatic	6,221	28,125	0	0	0
15	0,25806	LM71SX	LinStatic	6,221	28,125	0	0	0
15	0	LM71DX	LinStatic	6,221	51,407	0	0	0
15	0,25806	LM71DX	LinStatic	6,221	51,407	0	0	0
15	0	STLM71	LinStatic	-35,282	61,066	0	0	0
15	0,25806	STLM71	LinStatic	-35,282	61,066	0	0	0
15	0	AVVLM71	LinStatic	-7,927	94,812	0	0	0
15	0,25806	AVVLM71	LinStatic	-7,927	94,812	0	0	0
15	0	SW2	LinStatic	4,727	39,179	0	0	0
15	0,25806	SW2	LinStatic	4,727	39,179	0	0	0
15	0	STSW2	LinStatic	-60,15	104,107	0	0	0
15	0,25806	STSW2	LinStatic	-60,15	104,107	0	0	0
15	0	FRENSW2	LinStatic	-8,407	100,553	0	0	0
15	0,25806	FRENSW2	LinStatic	-8,407	100,553	0	0	0
15	0	SERP	LinStatic	0	0	0	0	0
15	0,25806	SERP	LinStatic	0	0	0	0	0
15	0	INCRTER	LinStatic	-224,411	388,41	0	0	0
15	0,25806	INCRTER	LinStatic	-224,411	388,41	0	0	0
15	0	LM71SISO	LinStatic	-2,934	35,092	0	0	0
15	0,25806	LM71SISO	LinStatic	-2,934	35,092	0	0	0
15	0	SW2SISO	LinStatic	-2,485	29,721	0	0	0
15	0,25806	SW2SISO	LinStatic	-2,485	29,721	0	0	0
15	0	SISMAO	LinStatic	-18,998	172,68	0	0	0
15	0,25806	SISMAO	LinStatic	-18,998	172,68	0	0	0
15	0	LM71SVA	LinStatic	-0,173	-1,438	0	0	0
15	0,25806	LM71SVA	LinStatic	-0,173	-1,438	0	0	0
15	0	SW2SVA	LinStatic	-0,146	-1,214	0	0	0
15	0,25806	SW2SVA	LinStatic	-0,146	-1,214	0	0	0
15	0	SISMAVA	LinStatic	2,684	-10,267	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	0,25806	SISMAVA	LinStatic	2,684	-10,267	0	0	0
15	0	LM71SVB	LinStatic	0,173	1,438	0	0	0
15	0,25806	LM71SVB	LinStatic	0,173	1,438	0	0	0
15	0	SW2SVB	LinStatic	0,146	1,214	0	0	0
15	0,25806	SW2SVB	LinStatic	0,146	1,214	0	0	0
15	0	SISMAVB	LinStatic	-2,684	10,267	0	0	0
15	0,25806	SISMAVB	LinStatic	-2,684	10,267	0	0	0
16	0	PP	LinStatic	-18,796	32,541	0	0	0
16	0,25806	PP	LinStatic	-18,796	38,991	0	0	0
16	0	REINTSUP	LinStatic	0,216	1,191	0	0	0
16	0,25806	REINTSUP	LinStatic	0,216	1,191	0	0	0
16	0	BALLAST	LinStatic	1,294	7,146	0	0	0
16	0,25806	BALLAST	LinStatic	1,294	7,146	0	0	0
16	0	STERRASX	LinStatic	-195,825	237,378	0	0	0
16	0,25806	STERRASX	LinStatic	-195,825	237,378	0	0	0
16	0	STERRADX	LinStatic	-136,565	-236,545	0	0	0
16	0,25806	STERRADX	LinStatic	-136,565	-236,545	0	0	0
16	0	TERMP	LinStatic	1,739	-0,027	0	0	0
16	0,25806	TERMP	LinStatic	1,739	-0,027	0	0	0
16	0	TERMN	LinStatic	-5,216	0,081	0	0	0
16	0,25806	TERMN	LinStatic	-5,216	0,081	0	0	0
16	0	GRADTP	LinStatic	-8,744	0,05	0	0	0
16	0,25806	GRADTP	LinStatic	-8,744	0,05	0	0	0
16	0	GRADTN	LinStatic	8,744	-0,05	0	0	0
16	0,25806	GRADTN	LinStatic	8,744	-0,05	0	0	0
16	0	LM71C	LinStatic	7,588	26,482	0	0	0
16	0,25806	LM71C	LinStatic	7,588	26,482	0	0	0
16	0	LM71SX	LinStatic	6,221	14,146	0	0	0
16	0,25806	LM71SX	LinStatic	6,221	14,146	0	0	0
16	0	LM71DX	LinStatic	6,221	38,834	0	0	0
16	0,25806	LM71DX	LinStatic	6,221	38,834	0	0	0
16	0	STLM71	LinStatic	-32,294	62,417	0	0	0
16	0,25806	STLM71	LinStatic	-32,294	62,417	0	0	0
16	0	AVVLM71	LinStatic	-5,285	97,273	0	0	0
16	0,25806	AVVLM71	LinStatic	-5,285	97,273	0	0	0
16	0	SW2	LinStatic	4,727	26,099	0	0	0
16	0,25806	SW2	LinStatic	4,727	26,099	0	0	0
16	0	STSW2	LinStatic	-55,056	106,41	0	0	0
16	0,25806	STSW2	LinStatic	-55,056	106,41	0	0	0
16	0	FRENSW2	LinStatic	-5,605	103,163	0	0	0
16	0,25806	FRENSW2	LinStatic	-5,605	103,163	0	0	0
16	0	SERP	LinStatic	0	0	0	0	0
16	0,25806	SERP	LinStatic	0	0	0	0	0
16	0	INCRTER	LinStatic	-205,405	396,999	0	0	0
16	0,25806	INCRTER	LinStatic	-205,405	396,999	0	0	0
16	0	LM71SISO	LinStatic	-1,956	36,003	0	0	0
16	0,25806	LM71SISO	LinStatic	-1,956	36,003	0	0	0
16	0	SW2SISO	LinStatic	-1,657	30,493	0	0	0
16	0,25806	SW2SISO	LinStatic	-1,657	30,493	0	0	0
16	0	SISMAO	LinStatic	-12,665	176,934	0	0	0
16	0,25806	SISMAO	LinStatic	-12,665	176,934	0	0	0
16	0	LM71SVA	LinStatic	-0,173	-0,958	0	0	0
16	0,25806	LM71SVA	LinStatic	-0,173	-0,958	0	0	0
16	0	SW2SVA	LinStatic	-0,146	-0,809	0	0	0
16	0,25806	SW2SVA	LinStatic	-0,146	-0,809	0	0	0
16	0	SISMAVA	LinStatic	2,684	-6,84	0	0	0
16	0,25806	SISMAVA	LinStatic	2,684	-6,84	0	0	0
16	0	LM71SVB	LinStatic	0,173	0,958	0	0	0
16	0,25806	LM71SVB	LinStatic	0,173	0,958	0	0	0
16	0	SW2SVB	LinStatic	0,146	0,809	0	0	0
16	0,25806	SW2SVB	LinStatic	0,146	0,809	0	0	0
16	0	SISMAVB	LinStatic	-2,684	6,84	0	0	0
16	0,25806	SISMAVB	LinStatic	-2,684	6,84	0	0	0
17	0	PP	LinStatic	-18,796	14,65	0	0	0
17	0,25806	PP	LinStatic	-18,796	21,1	0	0	0
17	0	REINTSUP	LinStatic	0,216	0,595	0	0	0
17	0,25806	REINTSUP	LinStatic	0,216	0,595	0	0	0
17	0	BALLAST	LinStatic	1,294	3,572	0	0	0
17	0,25806	BALLAST	LinStatic	1,294	3,572	0	0	0
17	0	STERRASX	LinStatic	-181,01	240,203	0	0	0
17	0,25806	STERRASX	LinStatic	-181,01	240,203	0	0	0
17	0	STERRADX	LinStatic	-151,38	-239,782	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	0,25806	STERRADX	LinStatic	-151,38	-239,782	0	0	0
17	0	TERMP	LinStatic	1,739	-0,014	0	0	0
17	0,25806	TERMP	LinStatic	1,739	-0,014	0	0	0
17	0	TERMN	LinStatic	-5,216	0,041	0	0	0
17	0,25806	TERMN	LinStatic	-5,216	0,041	0	0	0
17	0	GRADTP	LinStatic	-8,744	0,025	0	0	0
17	0,25806	GRADTP	LinStatic	-8,744	0,025	0	0	0
17	0	GRADTN	LinStatic	8,744	-0,025	0	0	0
17	0,25806	GRADTN	LinStatic	8,744	-0,025	0	0	0
17	0	LM71C	LinStatic	7,588	13,235	0	0	0
17	0,25806	LM71C	LinStatic	7,588	13,235	0	0	0
17	0	LM71SX	LinStatic	6,221	0,473	0	0	0
17	0,25806	LM71SX	LinStatic	6,221	0,473	0	0	0
17	0	LM71DX	LinStatic	6,221	26,005	0	0	0
17	0,25806	LM71DX	LinStatic	6,221	26,005	0	0	0
17	0	STLM71	LinStatic	-29,306	63,21	0	0	0
17	0,25806	STLM71	LinStatic	-29,306	63,21	0	0	0
17	0	AVVLM71	LinStatic	-2,642	98,749	0	0	0
17	0,25806	AVVLM71	LinStatic	-2,642	98,749	0	0	0
17	0	SW2	LinStatic	4,727	13,044	0	0	0
17	0,25806	SW2	LinStatic	4,727	13,044	0	0	0
17	0	STSW2	LinStatic	-49,962	107,762	0	0	0
17	0,25806	STSW2	LinStatic	-49,962	107,762	0	0	0
17	0	FRENSW2	LinStatic	-2,802	104,728	0	0	0
17	0,25806	FRENSW2	LinStatic	-2,802	104,728	0	0	0
17	0	SERP	LinStatic	0	0	0	0	0
17	0,25806	SERP	LinStatic	0	0	0	0	0
17	0	INCRTER	LinStatic	-186,399	402,045	0	0	0
17	0,25806	INCRTER	LinStatic	-186,399	402,045	0	0	0
17	0	LM71SISO	LinStatic	-0,978	36,549	0	0	0
17	0,25806	LM71SISO	LinStatic	-0,978	36,549	0	0	0
17	0	SW2SISO	LinStatic	-0,828	30,956	0	0	0
17	0,25806	SW2SISO	LinStatic	-0,828	30,956	0	0	0
17	0	SISMAO	LinStatic	-6,333	179,484	0	0	0
17	0,25806	SISMAO	LinStatic	-6,333	179,484	0	0	0
17	0	LM71SVA	LinStatic	-0,173	-0,479	0	0	0
17	0,25806	LM71SVA	LinStatic	-0,173	-0,479	0	0	0
17	0	SW2SVA	LinStatic	-0,146	-0,404	0	0	0
17	0,25806	SW2SVA	LinStatic	-0,146	-0,404	0	0	0
17	0	SISMAVA	LinStatic	2,684	-3,418	0	0	0
17	0,25806	SISMAVA	LinStatic	2,684	-3,418	0	0	0
17	0	LM71SVB	LinStatic	0,173	0,479	0	0	0
17	0,25806	LM71SVB	LinStatic	0,173	0,479	0	0	0
17	0	SW2SVB	LinStatic	0,146	0,404	0	0	0
17	0,25806	SW2SVB	LinStatic	0,146	0,404	0	0	0
17	0	SISMAVB	LinStatic	-2,684	3,418	0	0	0
17	0,25806	SISMAVB	LinStatic	-2,684	3,418	0	0	0
18	0	PP	LinStatic	-18,796	-3,225	0	0	0
18	0,25806	PP	LinStatic	-18,796	3,225	0	0	0
18	0	REINTSUP	LinStatic	0,216	7,276E-12	0	0	0
18	0,25806	REINTSUP	LinStatic	0,216	7,276E-12	0	0	0
18	0	BALLAST	LinStatic	1,294	2,91E-11	0	0	0
18	0,25806	BALLAST	LinStatic	1,294	2,91E-11	0	0	0
18	0	STERRASX	LinStatic	-166,195	241,002	0	0	0
18	0,25806	STERRASX	LinStatic	-166,195	241,002	0	0	0
18	0	STERRADX	LinStatic	-166,195	-241,002	0	0	0
18	0,25806	STERRADX	LinStatic	-166,195	-241,002	0	0	0
18	0	TERMP	LinStatic	1,739	2,558E-12	0	0	0
18	0,25806	TERMP	LinStatic	1,739	2,558E-12	0	0	0
18	0	TERMN	LinStatic	-5,216	-1E-11	0	0	0
18	0,25806	TERMN	LinStatic	-5,216	-1E-11	0	0	0
18	0	GRADTP	LinStatic	-8,744	6,821E-13	0	0	0
18	0,25806	GRADTP	LinStatic	-8,744	6,821E-13	0	0	0
18	0	GRADTN	LinStatic	8,744	-6,821E-13	0	0	0
18	0,25806	GRADTN	LinStatic	8,744	-6,821E-13	0	0	0
18	0	LM71C	LinStatic	7,588	1,164E-10	0	0	0
18	0,25806	LM71C	LinStatic	7,588	1,164E-10	0	0	0
18	0	LM71SX	LinStatic	6,221	-12,907	0	0	0
18	0,25806	LM71SX	LinStatic	6,221	-12,907	0	0	0
18	0	LM71DX	LinStatic	6,221	12,907	0	0	0
18	0,25806	LM71DX	LinStatic	6,221	12,907	0	0	0
18	0	STLM71	LinStatic	-26,318	63,448	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
18	0,25806	STLM71	LinStatic	-26,318	63,448	0	0	0
18	0	AVVLM71	LinStatic	-2,794E-09	99,241	0	0	0
18	0,25806	AVVLM71	LinStatic	-2,794E-09	99,241	0	0	0
18	0	SW2	LinStatic	4,727	5,821E-11	0	0	0
18	0,25806	SW2	LinStatic	4,727	5,821E-11	0	0	0
18	0	STSW2	LinStatic	-44,867	108,168	0	0	0
18	0,25806	STSW2	LinStatic	-44,867	108,168	0	0	0
18	0	FRENSW2	LinStatic	-2,794E-09	105,25	0	0	0
18	0,25806	FRENSW2	LinStatic	-2,794E-09	105,25	0	0	0
18	0	SERP	LinStatic	0	0	0	0	0
18	0,25806	SERP	LinStatic	0	0	0	0	0
18	0	INCRTER	LinStatic	-167,393	403,558	0	0	0
18	0,25806	INCRTER	LinStatic	-167,393	403,558	0	0	0
18	0	LM71SISO	LinStatic	-1,048E-09	36,731	0	0	0
18	0,25806	LM71SISO	LinStatic	-1,048E-09	36,731	0	0	0
18	0	SW2SISO	LinStatic	-9,313E-10	31,11	0	0	0
18	0,25806	SW2SISO	LinStatic	-9,313E-10	31,11	0	0	0
18	0	SISMAO	LinStatic	-6,519E-09	180,334	0	0	0
18	0,25806	SISMAO	LinStatic	-6,519E-09	180,334	0	0	0
18	0	LM71SVA	LinStatic	-0,173	-7,276E-12	0	0	0
18	0,25806	LM71SVA	LinStatic	-0,173	-7,276E-12	0	0	0
18	0	SW2SVA	LinStatic	-0,146	-1,819E-12	0	0	0
18	0,25806	SW2SVA	LinStatic	-0,146	-1,819E-12	0	0	0
18	0	SISMAVA	LinStatic	2,684	-4,366E-11	0	0	0
18	0,25806	SISMAVA	LinStatic	2,684	-4,366E-11	0	0	0
18	0	LM71SVB	LinStatic	0,173	7,276E-12	0	0	0
18	0,25806	LM71SVB	LinStatic	0,173	7,276E-12	0	0	0
18	0	SW2SVB	LinStatic	0,146	1,819E-12	0	0	0
18	0,25806	SW2SVB	LinStatic	0,146	1,819E-12	0	0	0
18	0	SISMAVB	LinStatic	-2,684	4,366E-11	0	0	0
18	0,25806	SISMAVB	LinStatic	-2,684	4,366E-11	0	0	0
19	0	PP	LinStatic	-18,796	-21,1	0	0	0
19	0,25806	PP	LinStatic	-18,796	-14,65	0	0	0
19	0	REINTSUP	LinStatic	0,216	-0,595	0	0	0
19	0,25806	REINTSUP	LinStatic	0,216	-0,595	0	0	0
19	0	BALLAST	LinStatic	1,294	-3,572	0	0	0
19	0,25806	BALLAST	LinStatic	1,294	-3,572	0	0	0
19	0	STERRASX	LinStatic	-151,38	239,782	0	0	0
19	0,25806	STERRASX	LinStatic	-151,38	239,782	0	0	0
19	0	STERRADX	LinStatic	-181,01	-240,203	0	0	0
19	0,25806	STERRADX	LinStatic	-181,01	-240,203	0	0	0
19	0	TERMP	LinStatic	1,739	0,014	0	0	0
19	0,25806	TERMP	LinStatic	1,739	0,014	0	0	0
19	0	TERMN	LinStatic	-5,216	-0,041	0	0	0
19	0,25806	TERMN	LinStatic	-5,216	-0,041	0	0	0
19	0	GRADTP	LinStatic	-8,744	-0,025	0	0	0
19	0,25806	GRADTP	LinStatic	-8,744	-0,025	0	0	0
19	0	GRADTN	LinStatic	8,744	0,025	0	0	0
19	0,25806	GRADTN	LinStatic	8,744	0,025	0	0	0
19	0	LM71C	LinStatic	7,588	-13,235	0	0	0
19	0,25806	LM71C	LinStatic	7,588	-13,235	0	0	0
19	0	LM71SX	LinStatic	6,221	-26,005	0	0	0
19	0,25806	LM71SX	LinStatic	6,221	-26,005	0	0	0
19	0	LM71DX	LinStatic	6,221	-0,473	0	0	0
19	0,25806	LM71DX	LinStatic	6,221	-0,473	0	0	0
19	0	STLM71	LinStatic	-23,33	63,131	0	0	0
19	0,25806	STLM71	LinStatic	-23,33	63,131	0	0	0
19	0	AVVLM71	LinStatic	2,642	98,749	0	0	0
19	0,25806	AVVLM71	LinStatic	2,642	98,749	0	0	0
19	0	SW2	LinStatic	4,727	-13,044	0	0	0
19	0,25806	SW2	LinStatic	4,727	-13,044	0	0	0
19	0	STSW2	LinStatic	-39,773	107,628	0	0	0
19	0,25806	STSW2	LinStatic	-39,773	107,628	0	0	0
19	0	FRENSW2	LinStatic	2,802	104,728	0	0	0
19	0,25806	FRENSW2	LinStatic	2,802	104,728	0	0	0
19	0	SERP	LinStatic	0	0	0	0	0
19	0,25806	SERP	LinStatic	0	0	0	0	0
19	0	INCRTER	LinStatic	-148,388	401,544	0	0	0
19	0,25806	INCRTER	LinStatic	-148,388	401,544	0	0	0
19	0	LM71SISO	LinStatic	0,978	36,549	0	0	0
19	0,25806	LM71SISO	LinStatic	0,978	36,549	0	0	0
19	0	SW2SISO	LinStatic	0,828	30,956	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	0,25806	SW2SISO	LinStatic	0,828	30,956	0	0	0
19	0	SISMAO	LinStatic	6,333	179,484	0	0	0
19	0,25806	SISMAO	LinStatic	6,333	179,484	0	0	0
19	0	LM71SVA	LinStatic	-0,173	0,479	0	0	0
19	0,25806	LM71SVA	LinStatic	-0,173	0,479	0	0	0
19	0	SW2SVA	LinStatic	-0,146	0,404	0	0	0
19	0,25806	SW2SVA	LinStatic	-0,146	0,404	0	0	0
19	0	SISMAVA	LinStatic	2,684	3,418	0	0	0
19	0,25806	SISMAVA	LinStatic	2,684	3,418	0	0	0
19	0	LM71SVB	LinStatic	0,173	-0,479	0	0	0
19	0,25806	LM71SVB	LinStatic	0,173	-0,479	0	0	0
19	0	SW2SVB	LinStatic	0,146	-0,404	0	0	0
19	0,25806	SW2SVB	LinStatic	0,146	-0,404	0	0	0
19	0	SISMAVB	LinStatic	-2,684	-3,418	0	0	0
19	0,25806	SISMAVB	LinStatic	-2,684	-3,418	0	0	0
20	0	PP	LinStatic	-18,796	-38,991	0	0	0
20	0,25806	PP	LinStatic	-18,796	-32,541	0	0	0
20	0	REINTSUP	LinStatic	0,216	-1,191	0	0	0
20	0,25806	REINTSUP	LinStatic	0,216	-1,191	0	0	0
20	0	BALLAST	LinStatic	1,294	-7,146	0	0	0
20	0,25806	BALLAST	LinStatic	1,294	-7,146	0	0	0
20	0	STERRASX	LinStatic	-136,565	236,545	0	0	0
20	0,25806	STERRASX	LinStatic	-136,565	236,545	0	0	0
20	0	STERRADX	LinStatic	-195,825	-237,378	0	0	0
20	0,25806	STERRADX	LinStatic	-195,825	-237,378	0	0	0
20	0	TERMP	LinStatic	1,739	0,027	0	0	0
20	0,25806	TERMP	LinStatic	1,739	0,027	0	0	0
20	0	TERMN	LinStatic	-5,216	-0,081	0	0	0
20	0,25806	TERMN	LinStatic	-5,216	-0,081	0	0	0
20	0	GRADTP	LinStatic	-8,744	-0,05	0	0	0
20	0,25806	GRADTP	LinStatic	-8,744	-0,05	0	0	0
20	0	GRADTN	LinStatic	8,744	0,05	0	0	0
20	0,25806	GRADTN	LinStatic	8,744	0,05	0	0	0
20	0	LM71C	LinStatic	7,588	-26,482	0	0	0
20	0,25806	LM71C	LinStatic	7,588	-26,482	0	0	0
20	0	LM71SX	LinStatic	6,221	-38,834	0	0	0
20	0,25806	LM71SX	LinStatic	6,221	-38,834	0	0	0
20	0	LM71DX	LinStatic	6,221	-14,146	0	0	0
20	0,25806	LM71DX	LinStatic	6,221	-14,146	0	0	0
20	0	STLM71	LinStatic	-20,342	62,261	0	0	0
20	0,25806	STLM71	LinStatic	-20,342	62,261	0	0	0
20	0	AVVLM71	LinStatic	5,285	97,273	0	0	0
20	0,25806	AVVLM71	LinStatic	5,285	97,273	0	0	0
20	0	SW2	LinStatic	4,727	-26,099	0	0	0
20	0,25806	SW2	LinStatic	4,727	-26,099	0	0	0
20	0	STSW2	LinStatic	-34,679	106,144	0	0	0
20	0,25806	STSW2	LinStatic	-34,679	106,144	0	0	0
20	0	FRENSW2	LinStatic	5,605	103,163	0	0	0
20	0,25806	FRENSW2	LinStatic	5,605	103,163	0	0	0
20	0	SERP	LinStatic	0	0	0	0	0
20	0,25806	SERP	LinStatic	0	0	0	0	0
20	0	INCRTER	LinStatic	-129,382	396,007	0	0	0
20	0,25806	INCRTER	LinStatic	-129,382	396,007	0	0	0
20	0	LM71SISO	LinStatic	1,956	36,003	0	0	0
20	0,25806	LM71SISO	LinStatic	1,956	36,003	0	0	0
20	0	SW2SISO	LinStatic	1,657	30,493	0	0	0
20	0,25806	SW2SISO	LinStatic	1,657	30,493	0	0	0
20	0	SISMAO	LinStatic	12,665	176,934	0	0	0
20	0,25806	SISMAO	LinStatic	12,665	176,934	0	0	0
20	0	LM71SVA	LinStatic	-0,173	0,958	0	0	0
20	0,25806	LM71SVA	LinStatic	-0,173	0,958	0	0	0
20	0	SW2SVA	LinStatic	-0,146	0,809	0	0	0
20	0,25806	SW2SVA	LinStatic	-0,146	0,809	0	0	0
20	0	SISMAVA	LinStatic	2,684	6,84	0	0	0
20	0,25806	SISMAVA	LinStatic	2,684	6,84	0	0	0
20	0	LM71SVB	LinStatic	0,173	-0,958	0	0	0
20	0,25806	LM71SVB	LinStatic	0,173	-0,958	0	0	0
20	0	SW2SVB	LinStatic	0,146	-0,809	0	0	0
20	0,25806	SW2SVB	LinStatic	0,146	-0,809	0	0	0
20	0	SISMAVB	LinStatic	-2,684	-6,84	0	0	0
20	0,25806	SISMAVB	LinStatic	-2,684	-6,84	0	0	0
21	0	PP	LinStatic	-18,796	-56,911	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	0,25806	PP	LinStatic	-18,796	-50,462	0	0	0
21	0	REINTSUP	LinStatic	0,216	-1,788	0	0	0
21	0,25806	REINTSUP	LinStatic	0,216	-1,788	0	0	0
21	0	BALLAST	LinStatic	1,294	-10,728	0	0	0
21	0,25806	BALLAST	LinStatic	1,294	-10,728	0	0	0
21	0	STERRASX	LinStatic	-121,751	231,293	0	0	0
21	0,25806	STERRASX	LinStatic	-121,751	231,293	0	0	0
21	0	STERRADX	LinStatic	-210,64	-232,522	0	0	0
21	0,25806	STERRADX	LinStatic	-210,64	-232,522	0	0	0
21	0	TERMP	LinStatic	1,739	0,04	0	0	0
21	0,25806	TERMP	LinStatic	1,739	0,04	0	0	0
21	0	TERMN	LinStatic	-5,216	-0,119	0	0	0
21	0,25806	TERMN	LinStatic	-5,216	-0,119	0	0	0
21	0	GRADTP	LinStatic	-8,744	-0,074	0	0	0
21	0,25806	GRADTP	LinStatic	-8,744	-0,074	0	0	0
21	0	GRADTN	LinStatic	8,744	0,074	0	0	0
21	0,25806	GRADTN	LinStatic	8,744	0,074	0	0	0
21	0	LM71C	LinStatic	7,588	-39,755	0	0	0
21	0,25806	LM71C	LinStatic	7,588	-39,755	0	0	0
21	0	LM71SX	LinStatic	6,221	-51,407	0	0	0
21	0,25806	LM71SX	LinStatic	6,221	-51,407	0	0	0
21	0	LM71DX	LinStatic	6,221	-28,125	0	0	0
21	0,25806	LM71DX	LinStatic	6,221	-28,125	0	0	0
21	0	STLM71	LinStatic	-17,354	60,836	0	0	0
21	0,25806	STLM71	LinStatic	-17,354	60,836	0	0	0
21	0	AVVLM71	LinStatic	7,927	94,812	0	0	0
21	0,25806	AVVLM71	LinStatic	7,927	94,812	0	0	0
21	0	SW2	LinStatic	4,727	-39,179	0	0	0
21	0,25806	SW2	LinStatic	4,727	-39,179	0	0	0
21	0	STSW2	LinStatic	-29,585	103,715	0	0	0
21	0,25806	STSW2	LinStatic	-29,585	103,715	0	0	0
21	0	FRENSW2	LinStatic	8,407	100,553	0	0	0
21	0,25806	FRENSW2	LinStatic	8,407	100,553	0	0	0
21	0	SERP	LinStatic	0	0	0	0	0
21	0,25806	SERP	LinStatic	0	0	0	0	0
21	0	INCRTER	LinStatic	-110,377	386,947	0	0	0
21	0,25806	INCRTER	LinStatic	-110,377	386,947	0	0	0
21	0	LM71SISO	LinStatic	2,934	35,092	0	0	0
21	0,25806	LM71SISO	LinStatic	2,934	35,092	0	0	0
21	0	SW2SISO	LinStatic	2,485	29,721	0	0	0
21	0,25806	SW2SISO	LinStatic	2,485	29,721	0	0	0
21	0	SISMAO	LinStatic	18,998	172,68	0	0	0
21	0,25806	SISMAO	LinStatic	18,998	172,68	0	0	0
21	0	LM71SVA	LinStatic	-0,173	1,438	0	0	0
21	0,25806	LM71SVA	LinStatic	-0,173	1,438	0	0	0
21	0	SW2SVA	LinStatic	-0,146	1,214	0	0	0
21	0,25806	SW2SVA	LinStatic	-0,146	1,214	0	0	0
21	0	SISMAVA	LinStatic	2,684	10,267	0	0	0
21	0,25806	SISMAVA	LinStatic	2,684	10,267	0	0	0
21	0	LM71SVB	LinStatic	0,173	-1,438	0	0	0
21	0,25806	LM71SVB	LinStatic	0,173	-1,438	0	0	0
21	0	SW2SVB	LinStatic	0,146	-1,214	0	0	0
21	0,25806	SW2SVB	LinStatic	0,146	-1,214	0	0	0
21	0	SISMAVB	LinStatic	-2,684	-10,267	0	0	0
21	0,25806	SISMAVB	LinStatic	-2,684	-10,267	0	0	0
22	0	PP	LinStatic	-18,796	-74,877	0	0	0
22	0,25806	PP	LinStatic	-18,796	-68,427	0	0	0
22	0	REINTSUP	LinStatic	0,216	-2,387	0	0	0
22	0,25806	REINTSUP	LinStatic	0,216	-2,387	0	0	0
22	0	BALLAST	LinStatic	1,294	-14,319	0	0	0
22	0,25806	BALLAST	LinStatic	1,294	-14,319	0	0	0
22	0	STERRASX	LinStatic	-106,937	224,025	0	0	0
22	0,25806	STERRASX	LinStatic	-106,937	224,025	0	0	0
22	0	STERRADX	LinStatic	-225,455	-225,624	0	0	0
22	0,25806	STERRADX	LinStatic	-225,455	-225,624	0	0	0
22	0	TERMP	LinStatic	1,739	0,052	0	0	0
22	0,25806	TERMP	LinStatic	1,739	0,052	0	0	0
22	0	TERMN	LinStatic	-5,216	-0,155	0	0	0
22	0,25806	TERMN	LinStatic	-5,216	-0,155	0	0	0
22	0	GRADTP	LinStatic	-8,744	-0,096	0	0	0
22	0,25806	GRADTP	LinStatic	-8,744	-0,096	0	0	0
22	0	GRADTN	LinStatic	8,744	0,096	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
22	0,25806	GRADTN	LinStatic	8,744	0,096	0	0	0
22	0	LM71C	LinStatic	7,588	-53,064	0	0	0
22	0,25806	LM71C	LinStatic	7,588	-53,064	0	0	0
22	0	LM71SX	LinStatic	6,221	-63,735	0	0	0
22	0,25806	LM71SX	LinStatic	6,221	-63,735	0	0	0
22	0	LM71DX	LinStatic	6,221	-42,424	0	0	0
22	0,25806	LM71DX	LinStatic	6,221	-42,424	0	0	0
22	0	STLM71	LinStatic	-14,366	58,857	0	0	0
22	0,25806	STLM71	LinStatic	-14,366	58,857	0	0	0
22	0	AVVLM71	LinStatic	10,57	91,363	0	0	0
22	0,25806	AVVLM71	LinStatic	10,57	91,363	0	0	0
22	0	SW2	LinStatic	4,727	-52,296	0	0	0
22	0,25806	SW2	LinStatic	4,727	-52,296	0	0	0
22	0	STSW2	LinStatic	-24,491	100,342	0	0	0
22	0,25806	STSW2	LinStatic	-24,491	100,342	0	0	0
22	0	FRENSW2	LinStatic	11,21	96,895	0	0	0
22	0,25806	FRENSW2	LinStatic	11,21	96,895	0	0	0
22	0	SERP	LinStatic	0	0	0	0	0
22	0,25806	SERP	LinStatic	0	0	0	0	0
22	0	INCRTER	LinStatic	-91,372	374,36	0	0	0
22	0,25806	INCRTER	LinStatic	-91,372	374,36	0	0	0
22	0	LM71SISO	LinStatic	3,912	33,815	0	0	0
22	0,25806	LM71SISO	LinStatic	3,912	33,815	0	0	0
22	0	SW2SISO	LinStatic	3,313	28,64	0	0	0
22	0,25806	SW2SISO	LinStatic	3,313	28,64	0	0	0
22	0	SISMAO	LinStatic	25,33	166,721	0	0	0
22	0,25806	SISMAO	LinStatic	25,33	166,721	0	0	0
22	0	LM71SVA	LinStatic	-0,173	1,919	0	0	0
22	0,25806	LM71SVA	LinStatic	-0,173	1,919	0	0	0
22	0	SW2SVA	LinStatic	-0,146	1,621	0	0	0
22	0,25806	SW2SVA	LinStatic	-0,146	1,621	0	0	0
22	0	SISMAVA	LinStatic	2,684	13,703	0	0	0
22	0,25806	SISMAVA	LinStatic	2,684	13,703	0	0	0
22	0	LM71SVB	LinStatic	0,173	-1,919	0	0	0
22	0,25806	LM71SVB	LinStatic	0,173	-1,919	0	0	0
22	0	SW2SVB	LinStatic	0,146	-1,621	0	0	0
22	0,25806	SW2SVB	LinStatic	0,146	-1,621	0	0	0
22	0	SISMAVB	LinStatic	-2,684	-13,703	0	0	0
22	0,25806	SISMAVB	LinStatic	-2,684	-13,703	0	0	0
23	0	PP	LinStatic	-18,796	-92,902	0	0	0
23	0,25806	PP	LinStatic	-18,796	-86,452	0	0	0
23	0	REINTSUP	LinStatic	0,216	-2,987	0	0	0
23	0,25806	REINTSUP	LinStatic	0,216	-2,987	0	0	0
23	0	BALLAST	LinStatic	1,294	-17,924	0	0	0
23	0,25806	BALLAST	LinStatic	1,294	-17,924	0	0	0
23	0	STERRASX	LinStatic	-92,122	214,739	0	0	0
23	0,25806	STERRASX	LinStatic	-92,122	214,739	0	0	0
23	0	STERRADX	LinStatic	-240,271	-216,674	0	0	0
23	0,25806	STERRADX	LinStatic	-240,271	-216,674	0	0	0
23	0	TERMP	LinStatic	1,739	0,062	0	0	0
23	0,25806	TERMP	LinStatic	1,739	0,062	0	0	0
23	0	TERMN	LinStatic	-5,216	-0,187	0	0	0
23	0,25806	TERMN	LinStatic	-5,216	-0,187	0	0	0
23	0	GRADTP	LinStatic	-8,744	-0,116	0	0	0
23	0,25806	GRADTP	LinStatic	-8,744	-0,116	0	0	0
23	0	GRADTN	LinStatic	8,744	0,116	0	0	0
23	0,25806	GRADTN	LinStatic	8,744	0,116	0	0	0
23	0	LM71C	LinStatic	7,588	-66,423	0	0	0
23	0,25806	LM71C	LinStatic	7,588	-66,423	0	0	0
23	0	LM71SX	LinStatic	6,221	-75,83	0	0	0
23	0,25806	LM71SX	LinStatic	6,221	-75,83	0	0	0
23	0	LM71DX	LinStatic	6,221	-57,053	0	0	0
23	0,25806	LM71DX	LinStatic	6,221	-57,053	0	0	0
23	0	STLM71	LinStatic	-11,378	56,323	0	0	0
23	0,25806	STLM71	LinStatic	-11,378	56,323	0	0	0
23	0	AVVLM71	LinStatic	13,212	86,924	0	0	0
23	0,25806	AVVLM71	LinStatic	13,212	86,924	0	0	0
23	0	SW2	LinStatic	4,727	-65,46	0	0	0
23	0,25806	SW2	LinStatic	4,727	-65,46	0	0	0
23	0	STSW2	LinStatic	-19,397	96,021	0	0	0
23	0,25806	STSW2	LinStatic	-19,397	96,021	0	0	0
23	0	FRENSW2	LinStatic	14,012	92,187	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	0,25806	FRENSW2	LinStatic	14,012	92,187	0	0	0
23	0	SERP	LinStatic	0	0	0	0	0
23	0,25806	SERP	LinStatic	0	0	0	0	0
23	0	INCRTER	LinStatic	-72,366	358,241	0	0	0
23	0,25806	INCRTER	LinStatic	-72,366	358,241	0	0	0
23	0	LM71SISO	LinStatic	4,89	32,172	0	0	0
23	0,25806	LM71SISO	LinStatic	4,89	32,172	0	0	0
23	0	SW2SISO	LinStatic	4,142	27,249	0	0	0
23	0,25806	SW2SISO	LinStatic	4,142	27,249	0	0	0
23	0	SISMAO	LinStatic	31,663	159,05	0	0	0
23	0,25806	SISMAO	LinStatic	31,663	159,05	0	0	0
23	0	LM71SVA	LinStatic	-0,173	2,402	0	0	0
23	0,25806	LM71SVA	LinStatic	-0,173	2,402	0	0	0
23	0	SW2SVA	LinStatic	-0,146	2,029	0	0	0
23	0,25806	SW2SVA	LinStatic	-0,146	2,029	0	0	0
23	0	SISMAVA	LinStatic	2,684	17,15	0	0	0
23	0,25806	SISMAVA	LinStatic	2,684	17,15	0	0	0
23	0	LM71SVB	LinStatic	0,173	-2,402	0	0	0
23	0,25806	LM71SVB	LinStatic	0,173	-2,402	0	0	0
23	0	SW2SVB	LinStatic	0,146	-2,029	0	0	0
23	0,25806	SW2SVB	LinStatic	0,146	-2,029	0	0	0
23	0	SISMAVB	LinStatic	-2,684	-17,15	0	0	0
23	0,25806	SISMAVB	LinStatic	-2,684	-17,15	0	0	0
24	0	PP	LinStatic	-18,796	-111	0	0	0
24	0,25806	PP	LinStatic	-18,796	-104,55	0	0	0
24	0	REINTSUP	LinStatic	0,216	-3,591	0	0	0
24	0,25806	REINTSUP	LinStatic	0,216	-3,591	0	0	0
24	0	BALLAST	LinStatic	1,294	-21,545	0	0	0
24	0,25806	BALLAST	LinStatic	1,294	-21,545	0	0	0
24	0	STERRASX	LinStatic	-77,308	203,43	0	0	0
24	0,25806	STERRASX	LinStatic	-77,308	203,43	0	0	0
24	0	STERRADX	LinStatic	-255,087	-205,659	0	0	0
24	0,25806	STERRADX	LinStatic	-255,087	-205,659	0	0	0
24	0	TERMP	LinStatic	1,739	0,072	0	0	0
24	0,25806	TERMP	LinStatic	1,739	0,072	0	0	0
24	0	TERMN	LinStatic	-5,216	-0,216	0	0	0
24	0,25806	TERMN	LinStatic	-5,216	-0,216	0	0	0
24	0	GRADTP	LinStatic	-8,745	-0,134	0	0	0
24	0,25806	GRADTP	LinStatic	-8,745	-0,134	0	0	0
24	0	GRADTN	LinStatic	8,745	0,134	0	0	0
24	0,25806	GRADTN	LinStatic	8,745	0,134	0	0	0
24	0	LM71C	LinStatic	7,588	-79,843	0	0	0
24	0,25806	LM71C	LinStatic	7,588	-79,843	0	0	0
24	0	LM71SX	LinStatic	6,221	-87,702	0	0	0
24	0,25806	LM71SX	LinStatic	6,221	-87,702	0	0	0
24	0	LM71DX	LinStatic	6,221	-72,025	0	0	0
24	0,25806	LM71DX	LinStatic	6,221	-72,025	0	0	0
24	0	STLM71	LinStatic	-8,39	53,232	0	0	0
24	0,25806	STLM71	LinStatic	-8,39	53,232	0	0	0
24	0	AVVLM71	LinStatic	15,855	81,492	0	0	0
24	0,25806	AVVLM71	LinStatic	15,855	81,492	0	0	0
24	0	SW2	LinStatic	4,727	-78,683	0	0	0
24	0,25806	SW2	LinStatic	4,727	-78,683	0	0	0
24	0	STSW2	LinStatic	-14,303	90,751	0	0	0
24	0,25806	STSW2	LinStatic	-14,303	90,751	0	0	0
24	0	FRENSW2	LinStatic	16,815	86,426	0	0	0
24	0,25806	FRENSW2	LinStatic	16,815	86,426	0	0	0
24	0	SERP	LinStatic	0	0	0	0	0
24	0,25806	SERP	LinStatic	0	0	0	0	0
24	0	INCRTER	LinStatic	-53,361	338,58	0	0	0
24	0,25806	INCRTER	LinStatic	-53,361	338,58	0	0	0
24	0	LM71SISO	LinStatic	5,868	30,161	0	0	0
24	0,25806	LM71SISO	LinStatic	5,868	30,161	0	0	0
24	0	SW2SISO	LinStatic	4,97	25,546	0	0	0
24	0,25806	SW2SISO	LinStatic	4,97	25,546	0	0	0
24	0	SISMAO	LinStatic	37,996	149,661	0	0	0
24	0,25806	SISMAO	LinStatic	37,996	149,661	0	0	0
24	0	LM71SVA	LinStatic	-0,173	2,888	0	0	0
24	0,25806	LM71SVA	LinStatic	-0,173	2,888	0	0	0
24	0	SW2SVA	LinStatic	-0,147	2,439	0	0	0
24	0,25806	SW2SVA	LinStatic	-0,147	2,439	0	0	0
24	0	SISMAVA	LinStatic	2,684	20,612	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	0,25806	SISMAVA	LinStatic	2,684	20,612	0	0	0
24	0	LM71SVB	LinStatic	0,173	-2,888	0	0	0
24	0,25806	LM71SVB	LinStatic	0,173	-2,888	0	0	0
24	0	SW2SVB	LinStatic	0,147	-2,439	0	0	0
24	0,25806	SW2SVB	LinStatic	0,147	-2,439	0	0	0
24	0	SISMAVB	LinStatic	-2,684	-20,612	0	0	0
24	0,25806	SISMAVB	LinStatic	-2,684	-20,612	0	0	0
25	0	PP	LinStatic	-18,797	-129,184	0	0	0
25	0,25806	PP	LinStatic	-18,797	-122,735	0	0	0
25	0	REINTSUP	LinStatic	0,216	-4,197	0	0	0
25	0,25806	REINTSUP	LinStatic	0,216	-4,197	0	0	0
25	0	BALLAST	LinStatic	1,294	-25,184	0	0	0
25	0,25806	BALLAST	LinStatic	1,294	-25,184	0	0	0
25	0	STERRASX	LinStatic	-62,494	190,092	0	0	0
25	0,25806	STERRASX	LinStatic	-62,494	190,092	0	0	0
25	0	STERRADX	LinStatic	-269,903	-192,564	0	0	0
25	0,25806	STERRADX	LinStatic	-269,903	-192,564	0	0	0
25	0	TERMP	LinStatic	1,739	0,08	0	0	0
25	0,25806	TERMP	LinStatic	1,739	0,08	0	0	0
25	0	TERMN	LinStatic	-5,216	-0,239	0	0	0
25	0,25806	TERMN	LinStatic	-5,216	-0,239	0	0	0
25	0	GRADTP	LinStatic	-8,745	-0,148	0	0	0
25	0,25806	GRADTP	LinStatic	-8,745	-0,148	0	0	0
25	0	GRADTN	LinStatic	8,745	0,148	0	0	0
25	0,25806	GRADTN	LinStatic	8,745	0,148	0	0	0
25	0	LM71C	LinStatic	7,588	-93,334	0	0	0
25	0,25806	LM71C	LinStatic	7,588	-93,334	0	0	0
25	0	LM71SX	LinStatic	6,221	-99,363	0	0	0
25	0,25806	LM71SX	LinStatic	6,221	-99,363	0	0	0
25	0	LM71DX	LinStatic	6,221	-87,351	0	0	0
25	0,25806	LM71DX	LinStatic	6,221	-87,351	0	0	0
25	0	STLM71	LinStatic	-5,402	49,582	0	0	0
25	0,25806	STLM71	LinStatic	-5,402	49,582	0	0	0
25	0	AVVLM71	LinStatic	18,497	75,061	0	0	0
25	0,25806	AVVLM71	LinStatic	18,497	75,061	0	0	0
25	0	SW2	LinStatic	4,727	-91,975	0	0	0
25	0,25806	SW2	LinStatic	4,727	-91,975	0	0	0
25	0	STSW2	LinStatic	-9,209	84,529	0	0	0
25	0,25806	STSW2	LinStatic	-9,209	84,529	0	0	0
25	0	FRENSW2	LinStatic	19,617	79,606	0	0	0
25	0,25806	FRENSW2	LinStatic	19,617	79,606	0	0	0
25	0	SERP	LinStatic	0	0	0	0	0
25	0,25806	SERP	LinStatic	0	0	0	0	0
25	0	INCRTER	LinStatic	-34,356	315,364	0	0	0
25	0,25806	INCRTER	LinStatic	-34,356	315,364	0	0	0
25	0	LM71SISO	LinStatic	6,846	27,781	0	0	0
25	0,25806	LM71SISO	LinStatic	6,846	27,781	0	0	0
25	0	SW2SISO	LinStatic	5,798	23,53	0	0	0
25	0,25806	SW2SISO	LinStatic	5,798	23,53	0	0	0
25	0	SISMAO	LinStatic	44,328	138,546	0	0	0
25	0,25806	SISMAO	LinStatic	44,328	138,546	0	0	0
25	0	LM71SVA	LinStatic	-0,173	3,375	0	0	0
25	0,25806	LM71SVA	LinStatic	-0,173	3,375	0	0	0
25	0	SW2SVA	LinStatic	-0,147	2,851	0	0	0
25	0,25806	SW2SVA	LinStatic	-0,147	2,851	0	0	0
25	0	SISMAVA	LinStatic	2,684	24,091	0	0	0
25	0,25806	SISMAVA	LinStatic	2,684	24,091	0	0	0
25	0	LM71SVB	LinStatic	0,173	-3,375	0	0	0
25	0,25806	LM71SVB	LinStatic	0,173	-3,375	0	0	0
25	0	SW2SVB	LinStatic	0,147	-2,851	0	0	0
25	0,25806	SW2SVB	LinStatic	0,147	-2,851	0	0	0
25	0	SISMAVB	LinStatic	-2,684	-24,091	0	0	0
25	0,25806	SISMAVB	LinStatic	-2,684	-24,091	0	0	0
26	0	PP	LinStatic	-18,797	-147,467	0	0	0
26	0,25806	PP	LinStatic	-18,797	-141,017	0	0	0
26	0	REINTSUP	LinStatic	0,216	-4,808	0	0	0
26	0,25806	REINTSUP	LinStatic	0,216	-4,808	0	0	0
26	0	BALLAST	LinStatic	1,294	-28,846	0	0	0
26	0,25806	BALLAST	LinStatic	1,294	-28,846	0	0	0
26	0	STERRASX	LinStatic	-47,68	174,716	0	0	0
26	0,25806	STERRASX	LinStatic	-47,68	174,716	0	0	0
26	0	STERRADX	LinStatic	-284,72	-177,372	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	0,25806	STERRADX	LinStatic	-284,72	-177,372	0	0	0
26	0	TERMP	LinStatic	1,739	0,086	0	0	0
26	0,25806	TERMP	LinStatic	1,739	0,086	0	0	0
26	0	TERMN	LinStatic	-5,216	-0,257	0	0	0
26	0,25806	TERMN	LinStatic	-5,216	-0,257	0	0	0
26	0	GRADTP	LinStatic	-8,745	-0,159	0	0	0
26	0,25806	GRADTP	LinStatic	-8,745	-0,159	0	0	0
26	0	GRADTN	LinStatic	8,745	0,159	0	0	0
26	0,25806	GRADTN	LinStatic	8,745	0,159	0	0	0
26	0	LM71C	LinStatic	7,588	-106,907	0	0	0
26	0,25806	LM71C	LinStatic	7,588	-106,907	0	0	0
26	0	LM71SX	LinStatic	6,221	-110,821	0	0	0
26	0,25806	LM71SX	LinStatic	6,221	-110,821	0	0	0
26	0	LM71DX	LinStatic	6,221	-103,043	0	0	0
26	0,25806	LM71DX	LinStatic	6,221	-103,043	0	0	0
26	0	STLM71	LinStatic	-2,414	45,371	0	0	0
26	0,25806	STLM71	LinStatic	-2,414	45,371	0	0	0
26	0	AVVLM71	LinStatic	21,14	67,627	0	0	0
26	0,25806	AVVLM71	LinStatic	21,14	67,627	0	0	0
26	0	SW2	LinStatic	4,727	-105,348	0	0	0
26	0,25806	SW2	LinStatic	4,727	-105,348	0	0	0
26	0	STSW2	LinStatic	-4,115	77,349	0	0	0
26	0,25806	STSW2	LinStatic	-4,115	77,349	0	0	0
26	0	FRENSW2	LinStatic	22,42	71,722	0	0	0
26	0,25806	FRENSW2	LinStatic	22,42	71,722	0	0	0
26	0	SERP	LinStatic	0	0	0	0	0
26	0,25806	SERP	LinStatic	0	0	0	0	0
26	0	INCRTER	LinStatic	-15,351	288,578	0	0	0
26	0,25806	INCRTER	LinStatic	-15,351	288,578	0	0	0
26	0	LM71SISO	LinStatic	7,824	25,03	0	0	0
26	0,25806	LM71SISO	LinStatic	7,824	25,03	0	0	0
26	0	SW2SISO	LinStatic	6,627	21,199	0	0	0
26	0,25806	SW2SISO	LinStatic	6,627	21,199	0	0	0
26	0	SISMAO	LinStatic	50,661	125,696	0	0	0
26	0,25806	SISMAO	LinStatic	50,661	125,696	0	0	0
26	0	LM71SVA	LinStatic	-0,173	3,866	0	0	0
26	0,25806	LM71SVA	LinStatic	-0,173	3,866	0	0	0
26	0	SW2SVA	LinStatic	-0,147	3,265	0	0	0
26	0,25806	SW2SVA	LinStatic	-0,147	3,265	0	0	0
26	0	SISMAVA	LinStatic	2,684	27,588	0	0	0
26	0,25806	SISMAVA	LinStatic	2,684	27,588	0	0	0
26	0	LM71SVB	LinStatic	0,173	-3,866	0	0	0
26	0,25806	LM71SVB	LinStatic	0,173	-3,866	0	0	0
26	0	SW2SVB	LinStatic	0,147	-3,265	0	0	0
26	0,25806	SW2SVB	LinStatic	0,147	-3,265	0	0	0
26	0	SISMAVB	LinStatic	-2,684	-27,588	0	0	0
26	0,25806	SISMAVB	LinStatic	-2,684	-27,588	0	0	0
27	0	PP	LinStatic	-18,797	-165,859	0	0	0
27	0,25806	PP	LinStatic	-18,797	-159,41	0	0	0
27	0	REINTSUP	LinStatic	0,216	-5,422	0	0	0
27	0,25806	REINTSUP	LinStatic	0,216	-5,422	0	0	0
27	0	BALLAST	LinStatic	1,294	-32,532	0	0	0
27	0,25806	BALLAST	LinStatic	1,294	-32,532	0	0	0
27	0	STERRASX	LinStatic	-32,866	157,295	0	0	0
27	0,25806	STERRASX	LinStatic	-32,866	157,295	0	0	0
27	0	STERRADX	LinStatic	-299,536	-160,066	0	0	0
27	0,25806	STERRADX	LinStatic	-299,536	-160,066	0	0	0
27	0	TERMP	LinStatic	1,739	0,089	0	0	0
27	0,25806	TERMP	LinStatic	1,739	0,089	0	0	0
27	0	TERMN	LinStatic	-5,216	-0,268	0	0	0
27	0,25806	TERMN	LinStatic	-5,216	-0,268	0	0	0
27	0	GRADTP	LinStatic	-8,745	-0,166	0	0	0
27	0,25806	GRADTP	LinStatic	-8,745	-0,166	0	0	0
27	0	GRADTN	LinStatic	8,745	0,166	0	0	0
27	0,25806	GRADTN	LinStatic	8,745	0,166	0	0	0
27	0	LM71C	LinStatic	7,589	-120,572	0	0	0
27	0,25806	LM71C	LinStatic	7,589	-120,572	0	0	0
27	0	LM71SX	LinStatic	6,221	-122,085	0	0	0
27	0,25806	LM71SX	LinStatic	6,221	-122,085	0	0	0
27	0	LM71DX	LinStatic	6,221	-119,11	0	0	0
27	0,25806	LM71DX	LinStatic	6,221	-119,11	0	0	0
27	0	STLM71	LinStatic	0,574	40,595	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	0,25806	STLM71	LinStatic	0,574	40,595	0	0	0
27	0	AVVLM71	LinStatic	23,782	59,185	0	0	0
27	0,25806	AVVLM71	LinStatic	23,782	59,185	0	0	0
27	0	SW2	LinStatic	4,727	-118,809	0	0	0
27	0,25806	SW2	LinStatic	4,727	-118,809	0	0	0
27	0	STSW2	LinStatic	0,979	69,208	0	0	0
27	0,25806	STSW2	LinStatic	0,979	69,208	0	0	0
27	0	FRENSW2	LinStatic	25,222	62,768	0	0	0
27	0,25806	FRENSW2	LinStatic	25,222	62,768	0	0	0
27	0	SERP	LinStatic	0	0	0	0	0
27	0,25806	SERP	LinStatic	0	0	0	0	0
27	0	INCRTER	LinStatic	3,654	258,204	0	0	0
27	0,25806	INCRTER	LinStatic	3,654	258,204	0	0	0
27	0	LM71SISO	LinStatic	8,802	21,905	0	0	0
27	0,25806	LM71SISO	LinStatic	8,802	21,905	0	0	0
27	0	SW2SISO	LinStatic	7,455	18,553	0	0	0
27	0,25806	SW2SISO	LinStatic	7,455	18,553	0	0	0
27	0	SISMAO	LinStatic	56,994	111,101	0	0	0
27	0,25806	SISMAO	LinStatic	56,994	111,101	0	0	0
27	0	LM71SVA	LinStatic	-0,173	4,36	0	0	0
27	0,25806	LM71SVA	LinStatic	-0,173	4,36	0	0	0
27	0	SW2SVA	LinStatic	-0,147	3,682	0	0	0
27	0,25806	SW2SVA	LinStatic	-0,147	3,682	0	0	0
27	0	SISMAVA	LinStatic	2,684	31,108	0	0	0
27	0,25806	SISMAVA	LinStatic	2,684	31,108	0	0	0
27	0	LM71SVB	LinStatic	0,173	-4,36	0	0	0
27	0,25806	LM71SVB	LinStatic	0,173	-4,36	0	0	0
27	0	SW2SVB	LinStatic	0,147	-3,682	0	0	0
27	0,25806	SW2SVB	LinStatic	0,147	-3,682	0	0	0
27	0	SISMAVB	LinStatic	-2,684	-31,108	0	0	0
27	0,25806	SISMAVB	LinStatic	-2,684	-31,108	0	0	0
28	0	PP	LinStatic	-18,797	-184,371	0	0	0
28	0,25806	PP	LinStatic	-18,797	-177,921	0	0	0
28	0	REINTSUP	LinStatic	0,216	-6,041	0	0	0
28	0,25806	REINTSUP	LinStatic	0,216	-6,041	0	0	0
28	0	BALLAST	LinStatic	1,294	-36,244	0	0	0
28	0,25806	BALLAST	LinStatic	1,294	-36,244	0	0	0
28	0	STERRASX	LinStatic	-18,052	137,816	0	0	0
28	0,25806	STERRASX	LinStatic	-18,052	137,816	0	0	0
28	0	STERRADX	LinStatic	-314,353	-140,627	0	0	0
28	0,25806	STERRADX	LinStatic	-314,353	-140,627	0	0	0
28	0	TERMP	LinStatic	1,739	0,091	0	0	0
28	0,25806	TERMP	LinStatic	1,739	0,091	0	0	0
28	0	TERMN	LinStatic	-5,216	-0,272	0	0	0
28	0,25806	TERMN	LinStatic	-5,216	-0,272	0	0	0
28	0	GRADTP	LinStatic	-8,745	-0,169	0	0	0
28	0,25806	GRADTP	LinStatic	-8,745	-0,169	0	0	0
28	0	GRADTN	LinStatic	8,745	0,169	0	0	0
28	0,25806	GRADTN	LinStatic	8,745	0,169	0	0	0
28	0	LM71C	LinStatic	7,589	-134,337	0	0	0
28	0,25806	LM71C	LinStatic	7,589	-134,337	0	0	0
28	0	LM71SX	LinStatic	6,221	-133,164	0	0	0
28	0,25806	LM71SX	LinStatic	6,221	-133,164	0	0	0
28	0	LM71DX	LinStatic	6,221	-135,561	0	0	0
28	0,25806	LM71DX	LinStatic	6,221	-135,561	0	0	0
28	0	STLM71	LinStatic	3,562	35,253	0	0	0
28	0,25806	STLM71	LinStatic	3,562	35,253	0	0	0
28	0	AVVLM71	LinStatic	26,425	49,727	0	0	0
28	0,25806	AVVLM71	LinStatic	26,425	49,727	0	0	0
28	0	SW2	LinStatic	4,727	-132,367	0	0	0
28	0,25806	SW2	LinStatic	4,727	-132,367	0	0	0
28	0	STSW2	LinStatic	6,073	60,1	0	0	0
28	0,25806	STSW2	LinStatic	6,073	60,1	0	0	0
28	0	FRENSW2	LinStatic	28,025	52,738	0	0	0
28	0,25806	FRENSW2	LinStatic	28,025	52,738	0	0	0
28	0	SERP	LinStatic	0	0	0	0	0
28	0,25806	SERP	LinStatic	0	0	0	0	0
28	0	INCRTER	LinStatic	22,659	224,223	0	0	0
28	0,25806	INCRTER	LinStatic	22,659	224,223	0	0	0
28	0	LM71SISO	LinStatic	9,78	18,405	0	0	0
28	0,25806	LM71SISO	LinStatic	9,78	18,405	0	0	0
28	0	SW2SISO	LinStatic	8,284	15,588	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	0,25806	SW2SISO	LinStatic	8,284	15,588	0	0	0
28	0	SISMAO	LinStatic	63,327	94,75	0	0	0
28	0,25806	SISMAO	LinStatic	63,327	94,75	0	0	0
28	0	LM71SVA	LinStatic	-0,173	4,858	0	0	0
28	0,25806	LM71SVA	LinStatic	-0,173	4,858	0	0	0
28	0	SW2SVA	LinStatic	-0,147	4,103	0	0	0
28	0,25806	SW2SVA	LinStatic	-0,147	4,103	0	0	0
28	0	SISMAVA	LinStatic	2,684	34,65	0	0	0
28	0,25806	SISMAVA	LinStatic	2,684	34,65	0	0	0
28	0	LM71SVB	LinStatic	0,173	-4,858	0	0	0
28	0,25806	LM71SVB	LinStatic	0,173	-4,858	0	0	0
28	0	SW2SVB	LinStatic	0,147	-4,103	0	0	0
28	0,25806	SW2SVB	LinStatic	0,147	-4,103	0	0	0
28	0	SISMAVB	LinStatic	-2,684	-34,65	0	0	0
28	0,25806	SISMAVB	LinStatic	-2,684	-34,65	0	0	0
29	0	PP	LinStatic	-18,797	-203,011	0	0	0
29	0,25806	PP	LinStatic	-18,797	-196,562	0	0	0
29	0	REINTSUP	LinStatic	0,216	-6,664	0	0	0
29	0,25806	REINTSUP	LinStatic	0,216	-6,664	0	0	0
29	0	BALLAST	LinStatic	1,294	-39,986	0	0	0
29	0,25806	BALLAST	LinStatic	1,294	-39,986	0	0	0
29	0	STERRASX	LinStatic	-3,239	116,268	0	0	0
29	0,25806	STERRASX	LinStatic	-3,239	116,268	0	0	0
29	0	STERRADX	LinStatic	-329,171	-119,033	0	0	0
29	0,25806	STERRADX	LinStatic	-329,171	-119,033	0	0	0
29	0	TERMP	LinStatic	1,739	0,089	0	0	0
29	0,25806	TERMP	LinStatic	1,739	0,089	0	0	0
29	0	TERMN	LinStatic	-5,216	-0,267	0	0	0
29	0,25806	TERMN	LinStatic	-5,216	-0,267	0	0	0
29	0	GRADTP	LinStatic	-8,745	-0,166	0	0	0
29	0,25806	GRADTP	LinStatic	-8,745	-0,166	0	0	0
29	0	GRADTN	LinStatic	8,745	0,166	0	0	0
29	0,25806	GRADTN	LinStatic	8,745	0,166	0	0	0
29	0	LM71C	LinStatic	7,589	-148,21	0	0	0
29	0,25806	LM71C	LinStatic	7,589	-148,21	0	0	0
29	0	LM71SX	LinStatic	6,221	-144,065	0	0	0
29	0,25806	LM71SX	LinStatic	6,221	-144,065	0	0	0
29	0	LM71DX	LinStatic	6,221	-152,406	0	0	0
29	0,25806	LM71DX	LinStatic	6,221	-152,406	0	0	0
29	0	STLM71	LinStatic	6,55	29,339	0	0	0
29	0,25806	STLM71	LinStatic	6,55	29,339	0	0	0
29	0	AVVLM71	LinStatic	29,068	39,249	0	0	0
29	0,25806	AVVLM71	LinStatic	29,068	39,249	0	0	0
29	0	SW2	LinStatic	4,727	-146,03	0	0	0
29	0,25806	SW2	LinStatic	4,727	-146,03	0	0	0
29	0	STSW2	LinStatic	11,167	50,018	0	0	0
29	0,25806	STSW2	LinStatic	11,167	50,018	0	0	0
29	0	FRENSW2	LinStatic	30,827	41,625	0	0	0
29	0,25806	FRENSW2	LinStatic	30,827	41,625	0	0	0
29	0	SERP	LinStatic	0	0	0	0	0
29	0,25806	SERP	LinStatic	0	0	0	0	0
29	0	INCRTER	LinStatic	41,664	186,612	0	0	0
29	0,25806	INCRTER	LinStatic	41,664	186,612	0	0	0
29	0	LM71SISO	LinStatic	10,758	14,527	0	0	0
29	0,25806	LM71SISO	LinStatic	10,758	14,527	0	0	0
29	0	SW2SISO	LinStatic	9,112	12,304	0	0	0
29	0,25806	SW2SISO	LinStatic	9,112	12,304	0	0	0
29	0	SISMAO	LinStatic	69,66	76,631	0	0	0
29	0,25806	SISMAO	LinStatic	69,66	76,631	0	0	0
29	0	LM71SVA	LinStatic	-0,173	5,359	0	0	0
29	0,25806	LM71SVA	LinStatic	-0,173	5,359	0	0	0
29	0	SW2SVA	LinStatic	-0,147	4,526	0	0	0
29	0,25806	SW2SVA	LinStatic	-0,147	4,526	0	0	0
29	0	SISMAVA	LinStatic	2,684	38,218	0	0	0
29	0,25806	SISMAVA	LinStatic	2,684	38,218	0	0	0
29	0	LM71SVB	LinStatic	0,173	-5,359	0	0	0
29	0,25806	LM71SVB	LinStatic	0,173	-5,359	0	0	0
29	0	SW2SVB	LinStatic	0,147	-4,526	0	0	0
29	0,25806	SW2SVB	LinStatic	0,147	-4,526	0	0	0
29	0	SISMAVB	LinStatic	-2,684	-38,218	0	0	0
29	0,25806	SISMAVB	LinStatic	-2,684	-38,218	0	0	0
30	0	PP	LinStatic	-18,797	-221,787	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	0,25806	PP	LinStatic	-18,797	-215,338	0	0	0
30	0	REINTSUP	LinStatic	0,216	-7,293	0	0	0
30	0,25806	REINTSUP	LinStatic	0,216	-7,293	0	0	0
30	0	BALLAST	LinStatic	1,294	-43,757	0	0	0
30	0,25806	BALLAST	LinStatic	1,294	-43,757	0	0	0
30	0	STERRASX	LinStatic	11,575	92,637	0	0	0
30	0,25806	STERRASX	LinStatic	11,575	92,637	0	0	0
30	0	STERRADX	LinStatic	-343,988	-95,262	0	0	0
30	0,25806	STERRADX	LinStatic	-343,988	-95,262	0	0	0
30	0	TERMP	LinStatic	1,739	0,085	0	0	0
30	0,25806	TERMP	LinStatic	1,739	0,085	0	0	0
30	0	TERMN	LinStatic	-5,216	-0,254	0	0	0
30	0,25806	TERMN	LinStatic	-5,216	-0,254	0	0	0
30	0	GRADTP	LinStatic	-8,745	-0,157	0	0	0
30	0,25806	GRADTP	LinStatic	-8,745	-0,157	0	0	0
30	0	GRADTN	LinStatic	8,745	0,157	0	0	0
30	0,25806	GRADTN	LinStatic	8,745	0,157	0	0	0
30	0	LM71C	LinStatic	7,589	-162,197	0	0	0
30	0,25806	LM71C	LinStatic	7,589	-162,197	0	0	0
30	0	LM71SX	LinStatic	6,221	-154,793	0	0	0
30	0,25806	LM71SX	LinStatic	6,221	-154,793	0	0	0
30	0	LM71DX	LinStatic	6,221	-169,651	0	0	0
30	0,25806	LM71DX	LinStatic	6,221	-169,651	0	0	0
30	0	STLM71	LinStatic	9,538	22,851	0	0	0
30	0,25806	STLM71	LinStatic	9,538	22,851	0	0	0
30	0	AVVLM71	LinStatic	31,71	27,742	0	0	0
30	0,25806	AVVLM71	LinStatic	31,71	27,742	0	0	0
30	0	SW2	LinStatic	4,727	-159,805	0	0	0
30	0,25806	SW2	LinStatic	4,727	-159,805	0	0	0
30	0	STSW2	LinStatic	16,261	38,958	0	0	0
30	0,25806	STSW2	LinStatic	16,261	38,958	0	0	0
30	0	FRENSW2	LinStatic	33,63	29,421	0	0	0
30	0,25806	FRENSW2	LinStatic	33,63	29,421	0	0	0
30	0	SERP	LinStatic	0	0	0	0	0
30	0,25806	SERP	LinStatic	0	0	0	0	0
30	0	INCRTER	LinStatic	60,669	145,346	0	0	0
30	0,25806	INCRTER	LinStatic	60,669	145,346	0	0	0
30	0	LM71SISO	LinStatic	11,736	10,268	0	0	0
30	0,25806	LM71SISO	LinStatic	11,736	10,268	0	0	0
30	0	SW2SISO	LinStatic	9,94	8,696	0	0	0
30	0,25806	SW2SISO	LinStatic	9,94	8,696	0	0	0
30	0	SISMAO	LinStatic	75,993	56,73	0	0	0
30	0,25806	SISMAO	LinStatic	75,993	56,73	0	0	0
30	0	LM71SVA	LinStatic	-0,173	5,865	0	0	0
30	0,25806	LM71SVA	LinStatic	-0,173	5,865	0	0	0
30	0	SW2SVA	LinStatic	-0,147	4,953	0	0	0
30	0,25806	SW2SVA	LinStatic	-0,147	4,953	0	0	0
30	0	SISMAVA	LinStatic	2,684	41,812	0	0	0
30	0,25806	SISMAVA	LinStatic	2,684	41,812	0	0	0
30	0	LM71SVB	LinStatic	0,173	-5,865	0	0	0
30	0,25806	LM71SVB	LinStatic	0,173	-5,865	0	0	0
30	0	SW2SVB	LinStatic	0,147	-4,953	0	0	0
30	0,25806	SW2SVB	LinStatic	0,147	-4,953	0	0	0
30	0	SISMAVB	LinStatic	-2,684	-41,812	0	0	0
30	0,25806	SISMAVB	LinStatic	-2,684	-41,812	0	0	0
31	0	PP	LinStatic	-18,798	-240,704	0	0	0
31	0,25806	PP	LinStatic	-18,798	-234,255	0	0	0
31	0	REINTSUP	LinStatic	0,216	-7,927	0	0	0
31	0,25806	REINTSUP	LinStatic	0,216	-7,927	0	0	0
31	0	BALLAST	LinStatic	1,294	-47,561	0	0	0
31	0,25806	BALLAST	LinStatic	1,294	-47,561	0	0	0
31	0	STERRASX	LinStatic	26,389	66,908	0	0	0
31	0,25806	STERRASX	LinStatic	26,389	66,908	0	0	0
31	0	STERRADX	LinStatic	-358,806	-69,292	0	0	0
31	0,25806	STERRADX	LinStatic	-358,806	-69,292	0	0	0
31	0	TERMP	LinStatic	1,739	0,077	0	0	0
31	0,25806	TERMP	LinStatic	1,739	0,077	0	0	0
31	0	TERMN	LinStatic	-5,216	-0,231	0	0	0
31	0,25806	TERMN	LinStatic	-5,216	-0,231	0	0	0
31	0	GRADTP	LinStatic	-8,745	-0,143	0	0	0
31	0,25806	GRADTP	LinStatic	-8,745	-0,143	0	0	0
31	0	GRADTN	LinStatic	8,745	0,143	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	0,25806	GRADTN	LinStatic	8,745	0,143	0	0	0
31	0	LM71C	LinStatic	7,589	-176,306	0	0	0
31	0,25806	LM71C	LinStatic	7,589	-176,306	0	0	0
31	0	LM71SX	LinStatic	6,221	-165,352	0	0	0
31	0,25806	LM71SX	LinStatic	6,221	-165,352	0	0	0
31	0	LM71DX	LinStatic	6,221	-187,303	0	0	0
31	0,25806	LM71DX	LinStatic	6,221	-187,303	0	0	0
31	0	STLM71	LinStatic	12,526	15,785	0	0	0
31	0,25806	STLM71	LinStatic	12,526	15,785	0	0	0
31	0	AVVLM71	LinStatic	34,353	15,198	0	0	0
31	0,25806	AVVLM71	LinStatic	34,353	15,198	0	0	0
31	0	SW2	LinStatic	4,727	-173,696	0	0	0
31	0,25806	SW2	LinStatic	4,727	-173,696	0	0	0
31	0	STSW2	LinStatic	21,355	26,911	0	0	0
31	0,25806	STSW2	LinStatic	21,355	26,911	0	0	0
31	0	FRENSW2	LinStatic	36,433	16,119	0	0	0
31	0,25806	FRENSW2	LinStatic	36,433	16,119	0	0	0
31	0	SERP	LinStatic	0	0	0	0	0
31	0,25806	SERP	LinStatic	0	0	0	0	0
31	0	INCRTER	LinStatic	79,674	100,399	0	0	0
31	0,25806	INCRTER	LinStatic	79,674	100,399	0	0	0
31	0	LM71SISO	LinStatic	12,715	5,625	0	0	0
31	0,25806	LM71SISO	LinStatic	12,715	5,625	0	0	0
31	0	SW2SISO	LinStatic	10,769	4,764	0	0	0
31	0,25806	SW2SISO	LinStatic	10,769	4,764	0	0	0
31	0	SISMAO	LinStatic	82,326	35,034	0	0	0
31	0,25806	SISMAO	LinStatic	82,326	35,034	0	0	0
31	0	LM71SVA	LinStatic	-0,173	6,374	0	0	0
31	0,25806	LM71SVA	LinStatic	-0,173	6,374	0	0	0
31	0	SW2SVA	LinStatic	-0,147	5,384	0	0	0
31	0,25806	SW2SVA	LinStatic	-0,147	5,384	0	0	0
31	0	SISMAVA	LinStatic	2,684	45,434	0	0	0
31	0,25806	SISMAVA	LinStatic	2,684	45,434	0	0	0
31	0	LM71SVB	LinStatic	0,173	-6,374	0	0	0
31	0,25806	LM71SVB	LinStatic	0,173	-6,374	0	0	0
31	0	SW2SVB	LinStatic	0,147	-5,384	0	0	0
31	0,25806	SW2SVB	LinStatic	0,147	-5,384	0	0	0
31	0	SISMAVB	LinStatic	-2,684	-45,434	0	0	0
31	0,25806	SISMAVB	LinStatic	-2,684	-45,434	0	0	0
32	0	PP	LinStatic	-18,798	-259,767	0	0	0
32	0,25806	PP	LinStatic	-18,798	-253,317	0	0	0
32	0	REINTSUP	LinStatic	0,216	-8,566	0	0	0
32	0,25806	REINTSUP	LinStatic	0,216	-8,566	0	0	0
32	0	BALLAST	LinStatic	1,294	-51,398	0	0	0
32	0,25806	BALLAST	LinStatic	1,294	-51,398	0	0	0
32	0	STERRASX	LinStatic	41,203	39,068	0	0	0
32	0,25806	STERRASX	LinStatic	41,203	39,068	0	0	0
32	0	STERRADX	LinStatic	-373,625	-41,099	0	0	0
32	0,25806	STERRADX	LinStatic	-373,625	-41,099	0	0	0
32	0	TERMP	LinStatic	1,739	0,065	0	0	0
32	0,25806	TERMP	LinStatic	1,739	0,065	0	0	0
32	0	TERMN	LinStatic	-5,216	-0,196	0	0	0
32	0,25806	TERMN	LinStatic	-5,216	-0,196	0	0	0
32	0	GRADTP	LinStatic	-8,745	-0,122	0	0	0
32	0,25806	GRADTP	LinStatic	-8,745	-0,122	0	0	0
32	0	GRADTN	LinStatic	8,745	0,122	0	0	0
32	0,25806	GRADTN	LinStatic	8,745	0,122	0	0	0
32	0	LM71C	LinStatic	7,589	-190,538	0	0	0
32	0,25806	LM71C	LinStatic	7,589	-190,538	0	0	0
32	0	LM71SX	LinStatic	6,221	-175,748	0	0	0
32	0,25806	LM71SX	LinStatic	6,221	-175,748	0	0	0
32	0	LM71DX	LinStatic	6,221	-205,367	0	0	0
32	0,25806	LM71DX	LinStatic	6,221	-205,367	0	0	0
32	0	STLM71	LinStatic	15,514	8,136	0	0	0
32	0,25806	STLM71	LinStatic	15,514	8,136	0	0	0
32	0	AVVLM71	LinStatic	36,996	1,612	0	0	0
32	0,25806	AVVLM71	LinStatic	36,996	1,612	0	0	0
32	0	SW2	LinStatic	4,727	-187,708	0	0	0
32	0,25806	SW2	LinStatic	4,727	-187,708	0	0	0
32	0	STSW2	LinStatic	26,449	13,87	0	0	0
32	0,25806	STSW2	LinStatic	26,449	13,87	0	0	0
32	0	FRENSW2	LinStatic	39,235	1,709	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	0,25806	FRENSW2	LinStatic	39,235	1,709	0	0	0
32	0	SERP	LinStatic	0	0	0	0	0
32	0,25806	SERP	LinStatic	0	0	0	0	0
32	0	INCRTER	LinStatic	98,679	51,746	0	0	0
32	0,25806	INCRTER	LinStatic	98,679	51,746	0	0	0
32	0	LM71SISO	LinStatic	13,693	0,596	0	0	0
32	0,25806	LM71SISO	LinStatic	13,693	0,596	0	0	0
32	0	SW2SISO	LinStatic	11,597	0,505	0	0	0
32	0,25806	SW2SISO	LinStatic	11,597	0,505	0	0	0
32	0	SISMAO	LinStatic	88,659	11,528	0	0	0
32	0,25806	SISMAO	LinStatic	88,659	11,528	0	0	0
32	0	LM71SVA	LinStatic	-0,173	6,889	0	0	0
32	0,25806	LM71SVA	LinStatic	-0,173	6,889	0	0	0
32	0	SW2SVA	LinStatic	-0,147	5,818	0	0	0
32	0,25806	SW2SVA	LinStatic	-0,147	5,818	0	0	0
32	0	SISMAVA	LinStatic	2,684	49,084	0	0	0
32	0,25806	SISMAVA	LinStatic	2,684	49,084	0	0	0
32	0	LM71SVB	LinStatic	0,173	-6,889	0	0	0
32	0,25806	LM71SVB	LinStatic	0,173	-6,889	0	0	0
32	0	SW2SVB	LinStatic	0,147	-5,818	0	0	0
32	0,25806	SW2SVB	LinStatic	0,147	-5,818	0	0	0
32	0	SISMAVB	LinStatic	-2,684	-49,084	0	0	0
32	0,25806	SISMAVB	LinStatic	-2,684	-49,084	0	0	0
33	0	PP	LinStatic	-18,798	-278,977	0	0	0
33	0,25806	PP	LinStatic	-18,798	-272,527	0	0	0
33	0	REINTSUP	LinStatic	0,216	-9,211	0	0	0
33	0,25806	REINTSUP	LinStatic	0,216	-9,211	0	0	0
33	0	BALLAST	LinStatic	1,294	-55,268	0	0	0
33	0,25806	BALLAST	LinStatic	1,294	-55,268	0	0	0
33	0	STERRASX	LinStatic	56,017	9,099	0	0	0
33	0,25806	STERRASX	LinStatic	56,017	9,099	0	0	0
33	0	STERRADX	LinStatic	-388,444	-10,658	0	0	0
33	0,25806	STERRADX	LinStatic	-388,444	-10,658	0	0	0
33	0	TERMP	LinStatic	1,739	0,05	0	0	0
33	0,25806	TERMP	LinStatic	1,739	0,05	0	0	0
33	0	TERMN	LinStatic	-5,216	-0,151	0	0	0
33	0,25806	TERMN	LinStatic	-5,216	-0,151	0	0	0
33	0	GRADTP	LinStatic	-8,745	-0,093	0	0	0
33	0,25806	GRADTP	LinStatic	-8,745	-0,093	0	0	0
33	0	GRADTN	LinStatic	8,745	0,093	0	0	0
33	0,25806	GRADTN	LinStatic	8,745	0,093	0	0	0
33	0	LM71C	LinStatic	7,589	-204,898	0	0	0
33	0,25806	LM71C	LinStatic	7,589	-204,898	0	0	0
33	0	LM71SX	LinStatic	6,222	-185,981	0	0	0
33	0,25806	LM71SX	LinStatic	6,222	-185,981	0	0	0
33	0	LM71DX	LinStatic	6,222	-223,845	0	0	0
33	0,25806	LM71DX	LinStatic	6,222	-223,845	0	0	0
33	0	STLM71	LinStatic	18,503	-0,101	0	0	0
33	0,25806	STLM71	LinStatic	18,503	-0,101	0	0	0
33	0	AVVLM71	LinStatic	39,638	-13,027	0	0	0
33	0,25806	AVVLM71	LinStatic	39,638	-13,027	0	0	0
33	0	SW2	LinStatic	4,727	-201,843	0	0	0
33	0,25806	SW2	LinStatic	4,727	-201,843	0	0	0
33	0	STSW2	LinStatic	31,544	-0,172	0	0	0
33	0,25806	STSW2	LinStatic	31,544	-0,172	0	0	0
33	0	FRENSW2	LinStatic	42,038	-13,815	0	0	0
33	0,25806	FRENSW2	LinStatic	42,038	-13,815	0	0	0
33	0	SERP	LinStatic	0	0	0	0	0
33	0,25806	SERP	LinStatic	0	0	0	0	0
33	0	INCRTER	LinStatic	117,684	-0,644	0	0	0
33	0,25806	INCRTER	LinStatic	117,684	-0,644	0	0	0
33	0	LM71SISO	LinStatic	14,671	-4,821	0	0	0
33	0,25806	LM71SISO	LinStatic	14,671	-4,821	0	0	0
33	0	SW2SISO	LinStatic	12,426	-4,084	0	0	0
33	0,25806	SW2SISO	LinStatic	12,426	-4,084	0	0	0
33	0	SISMAO	LinStatic	94,992	-13,801	0	0	0
33	0,25806	SISMAO	LinStatic	94,992	-13,801	0	0	0
33	0	LM71SVA	LinStatic	-0,173	7,407	0	0	0
33	0,25806	LM71SVA	LinStatic	-0,173	7,407	0	0	0
33	0	SW2SVA	LinStatic	-0,147	6,256	0	0	0
33	0,25806	SW2SVA	LinStatic	-0,147	6,256	0	0	0
33	0	SISMAVA	LinStatic	2,684	52,764	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	0,25806	SISMAVA	LinStatic	2,684	52,764	0	0	0
33	0	LM71SVB	LinStatic	0,173	-7,407	0	0	0
33	0,25806	LM71SVB	LinStatic	0,173	-7,407	0	0	0
33	0	SW2SVB	LinStatic	0,147	-6,256	0	0	0
33	0,25806	SW2SVB	LinStatic	0,147	-6,256	0	0	0
33	0	SISMAVB	LinStatic	-2,684	-52,764	0	0	0
33	0,25806	SISMAVB	LinStatic	-2,684	-52,764	0	0	0
34	0	PP	LinStatic	-18,798	-296,681	0	0	0
34	0,225	PP	LinStatic	-18,798	-291,058	0	0	0
34	0	REINTSUP	LinStatic	0,216	-9,82	0	0	0
34	0,225	REINTSUP	LinStatic	0,216	-9,82	0	0	0
34	0	BALLAST	LinStatic	1,294	-58,922	0	0	0
34	0,225	BALLAST	LinStatic	1,294	-58,922	0	0	0
34	0	STERRASX	LinStatic	69,882	-20,957	0	0	0
34	0,225	STERRASX	LinStatic	69,882	-20,957	0	0	0
34	0	STERRADX	LinStatic	-402,313	19,96	0	0	0
34	0,225	STERRADX	LinStatic	-402,313	19,96	0	0	0
34	0	TERMP	LinStatic	1,739	0,032	0	0	0
34	0,225	TERMP	LinStatic	1,739	0,032	0	0	0
34	0	TERMN	LinStatic	-5,216	-0,096	0	0	0
34	0,225	TERMN	LinStatic	-5,216	-0,096	0	0	0
34	0	GRADTP	LinStatic	-8,745	-0,06	0	0	0
34	0,225	GRADTP	LinStatic	-8,745	-0,06	0	0	0
34	0	GRADTN	LinStatic	8,745	0,06	0	0	0
34	0,225	GRADTN	LinStatic	8,745	0,06	0	0	0
34	0	LM71C	LinStatic	7,589	-218,459	0	0	0
34	0,225	LM71C	LinStatic	7,589	-218,459	0	0	0
34	0	LM71SX	LinStatic	6,222	-195,407	0	0	0
34	0,225	LM71SX	LinStatic	6,222	-195,407	0	0	0
34	0	LM71DX	LinStatic	6,222	-241,529	0	0	0
34	0,225	LM71DX	LinStatic	6,222	-241,529	0	0	0
34	0	STLM71	LinStatic	21,299	-8,364	0	0	0
34	0,225	STLM71	LinStatic	21,299	-8,364	0	0	0
34	0	AVVLM71	LinStatic	42,112	-27,718	0	0	0
34	0,225	AVVLM71	LinStatic	42,112	-27,718	0	0	0
34	0	SW2	LinStatic	4,727	-215,189	0	0	0
34	0,225	SW2	LinStatic	4,727	-215,189	0	0	0
34	0	STSW2	LinStatic	36,311	-14,259	0	0	0
34	0,225	STSW2	LinStatic	36,311	-14,259	0	0	0
34	0	FRENSW2	LinStatic	44,661	-29,397	0	0	0
34	0,225	FRENSW2	LinStatic	44,661	-29,397	0	0	0
34	0	SERP	LinStatic	0	0	0	0	0
34	0,225	SERP	LinStatic	0	0	0	0	0
34	0	INCRTER	LinStatic	135,472	-53,2	0	0	0
34	0,225	INCRTER	LinStatic	135,472	-53,2	0	0	0
34	0	LM71SISO	LinStatic	15,586	-10,259	0	0	0
34	0,225	LM71SISO	LinStatic	15,586	-10,259	0	0	0
34	0	SW2SISO	LinStatic	13,201	-8,689	0	0	0
34	0,225	SW2SISO	LinStatic	13,201	-8,689	0	0	0
34	0	SISMAO	LinStatic	100,92	-39,228	0	0	0
34	0,225	SISMAO	LinStatic	100,92	-39,228	0	0	0
34	0	LM71SVA	LinStatic	-0,173	7,897	0	0	0
34	0,225	LM71SVA	LinStatic	-0,173	7,897	0	0	0
34	0	SW2SVA	LinStatic	-0,147	6,67	0	0	0
34	0,225	SW2SVA	LinStatic	-0,147	6,67	0	0	0
34	0	SISMAVA	LinStatic	2,684	56,235	0	0	0
34	0,225	SISMAVA	LinStatic	2,684	56,235	0	0	0
34	0	LM71SVB	LinStatic	0,173	-7,897	0	0	0
34	0,225	LM71SVB	LinStatic	0,173	-7,897	0	0	0
34	0	SW2SVB	LinStatic	0,147	-6,67	0	0	0
34	0,225	SW2SVB	LinStatic	0,147	-6,67	0	0	0
34	0	SISMAVB	LinStatic	-2,684	-56,235	0	0	0
34	0,225	SISMAVB	LinStatic	-2,684	-56,235	0	0	0
35	0	PP	LinStatic	-18,799	-313,669	0	0	0
35	0,225	PP	LinStatic	-18,799	-308,046	0	0	0
35	0	REINTSUP	LinStatic	0,216	-10,392	0	0	0
35	0,225	REINTSUP	LinStatic	0,216	-10,392	0	0	0
35	0	BALLAST	LinStatic	1,294	-62,352	0	0	0
35	0,225	BALLAST	LinStatic	1,294	-62,352	0	0	0
35	0	STERRASX	LinStatic	82,798	-50,596	0	0	0
35	0,225	STERRASX	LinStatic	82,798	-50,596	0	0	0
35	0	STERRADX	LinStatic	-415,234	50,228	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	0,225	STERRADX	LinStatic	-415,234	50,228	0	0	0
35	0	TERMP	LinStatic	1,739	0,012	0	0	0
35	0,225	TERMP	LinStatic	1,739	0,012	0	0	0
35	0	TERMN	LinStatic	-5,217	-0,036	0	0	0
35	0,225	TERMN	LinStatic	-5,217	-0,036	0	0	0
35	0	GRADTP	LinStatic	-8,746	-0,022	0	0	0
35	0,225	GRADTP	LinStatic	-8,746	-0,022	0	0	0
35	0	GRADTN	LinStatic	8,746	0,022	0	0	0
35	0,225	GRADTN	LinStatic	8,746	0,022	0	0	0
35	0	LM71C	LinStatic	7,589	-231,189	0	0	0
35	0,225	LM71C	LinStatic	7,589	-231,189	0	0	0
35	0	LM71SX	LinStatic	6,222	-204,066	0	0	0
35	0,225	LM71SX	LinStatic	6,222	-204,066	0	0	0
35	0	LM71DX	LinStatic	6,222	-258,32	0	0	0
35	0,225	LM71DX	LinStatic	6,222	-258,32	0	0	0
35	0	STLM71	LinStatic	23,904	-16,515	0	0	0
35	0,225	STLM71	LinStatic	23,904	-16,515	0	0	0
35	0	AVVLM71	LinStatic	44,416	-42,216	0	0	0
35	0,225	AVVLM71	LinStatic	44,416	-42,216	0	0	0
35	0	SW2	LinStatic	4,727	-227,716	0	0	0
35	0,225	SW2	LinStatic	4,727	-227,716	0	0	0
35	0	STSW2	LinStatic	40,753	-28,154	0	0	0
35	0,225	STSW2	LinStatic	40,753	-28,154	0	0	0
35	0	FRENSW2	LinStatic	47,105	-44,772	0	0	0
35	0,225	FRENSW2	LinStatic	47,105	-44,772	0	0	0
35	0	SERP	LinStatic	0	0	0	0	0
35	0,225	SERP	LinStatic	0	0	0	0	0
35	0	INCRTER	LinStatic	152,043	-105,04	0	0	0
35	0,225	INCRTER	LinStatic	152,043	-105,04	0	0	0
35	0	LM71SISO	LinStatic	16,439	-15,625	0	0	0
35	0,225	LM71SISO	LinStatic	16,439	-15,625	0	0	0
35	0	SW2SISO	LinStatic	13,923	-13,234	0	0	0
35	0,225	SW2SISO	LinStatic	13,923	-13,234	0	0	0
35	0	SISMAO	LinStatic	106,442	-64,322	0	0	0
35	0,225	SISMAO	LinStatic	106,442	-64,322	0	0	0
35	0	LM71SVA	LinStatic	-0,173	8,357	0	0	0
35	0,225	LM71SVA	LinStatic	-0,173	8,357	0	0	0
35	0	SW2SVA	LinStatic	-0,147	7,058	0	0	0
35	0,225	SW2SVA	LinStatic	-0,147	7,058	0	0	0
35	0	SISMAVA	LinStatic	2,684	59,49	0	0	0
35	0,225	SISMAVA	LinStatic	2,684	59,49	0	0	0
35	0	LM71SVB	LinStatic	0,173	-8,357	0	0	0
35	0,225	LM71SVB	LinStatic	0,173	-8,357	0	0	0
35	0	SW2SVB	LinStatic	0,147	-7,058	0	0	0
35	0,225	SW2SVB	LinStatic	0,147	-7,058	0	0	0
35	0	SISMAVB	LinStatic	-2,684	-59,49	0	0	0
35	0,225	SISMAVB	LinStatic	-2,684	-59,49	0	0	0
36	0	PP	LinStatic	-319,406	18,799	0	0	0
36	0,125	PP	LinStatic	-316,594	18,799	0	0	0
36	0,25	PP	LinStatic	-313,782	18,799	0	0	0
36	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
36	0,125	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
36	0,25	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
36	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0,125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0,25	BALLAST	LinStatic	-64,08	-1,294	0	0	0
36	0	STERRASX	LinStatic	66,242	421,695	0	0	0
36	0,125	STERRASX	LinStatic	66,242	410,014	0	0	0
36	0,25	STERRASX	LinStatic	66,242	398,466	0	0	0
36	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
36	0,125	STERRADX	LinStatic	-66,242	-89,256	0	0	0
36	0,25	STERRADX	LinStatic	-66,242	-89,256	0	0	0
36	0	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0,125	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0,25	TERMP	LinStatic	2,274E-12	-1,739	0	0	0
36	0	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0,125	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0,25	TERMN	LinStatic	-8,185E-12	5,217	0	0	0
36	0	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0,125	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0,25	GRADTP	LinStatic	-9,095E-13	8,746	0	0	0
36	0	GRADTN	LinStatic	9,095E-13	-8,746	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	0,125	GRADTN	LinStatic	9,095E-13	-8,746	0	0	0
36	0,25	GRADTN	LinStatic	9,095E-13	-8,746	0	0	0
36	0	LM71C	LinStatic	-237,602	-7,589	0	0	0
36	0,125	LM71C	LinStatic	-237,602	-7,589	0	0	0
36	0,25	LM71C	LinStatic	-237,602	-7,589	0	0	0
36	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
36	0,125	LM71SX	LinStatic	-266,873	-6,222	0	0	0
36	0,25	LM71SX	LinStatic	-266,873	-6,222	0	0	0
36	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
36	0,125	LM71DX	LinStatic	-208,332	-6,222	0	0	0
36	0,25	LM71DX	LinStatic	-208,332	-6,222	0	0	0
36	0	STLM71	LinStatic	20,818	77,85	0	0	0
36	0,125	STLM71	LinStatic	20,818	76,529	0	0	0
36	0,25	STLM71	LinStatic	20,818	75,208	0	0	0
36	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
36	0,125	AVVLM71	LinStatic	49,872	45,568	0	0	0
36	0,25	AVVLM71	LinStatic	49,872	45,568	0	0	0
36	0	SW2	LinStatic	-234,025	-4,727	0	0	0
36	0,125	SW2	LinStatic	-234,025	-4,727	0	0	0
36	0,25	SW2	LinStatic	-234,025	-4,727	0	0	0
36	0	STSW2	LinStatic	35,491	132,721	0	0	0
36	0,125	STSW2	LinStatic	35,491	130,469	0	0	0
36	0,25	STSW2	LinStatic	35,491	128,216	0	0	0
36	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
36	0,125	FRENSW2	LinStatic	52,892	48,327	0	0	0
36	0,25	FRENSW2	LinStatic	52,892	48,327	0	0	0
36	0	SERP	LinStatic	0	0	0	0	0
36	0,125	SERP	LinStatic	0	0	0	0	0
36	0,25	SERP	LinStatic	0	0	0	0	0
36	0	INCRTER	LinStatic	132,41	495,164	0	0	0
36	0,125	INCRTER	LinStatic	132,41	486,761	0	0	0
36	0,25	INCRTER	LinStatic	132,41	478,357	0	0	0
36	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
36	0,125	LM71SISO	LinStatic	18,459	16,866	0	0	0
36	0,25	LM71SISO	LinStatic	18,459	16,866	0	0	0
36	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
36	0,125	SW2SISO	LinStatic	15,634	14,285	0	0	0
36	0,25	SW2SISO	LinStatic	15,634	14,285	0	0	0
36	0	SISMAO	LinStatic	77,578	109,203	0	0	0
36	0,125	SISMAO	LinStatic	77,578	108,424	0	0	0
36	0,25	SISMAO	LinStatic	77,578	107,646	0	0	0
36	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
36	0,125	LM71SVA	LinStatic	8,588	0,173	0	0	0
36	0,25	LM71SVA	LinStatic	8,588	0,173	0	0	0
36	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
36	0,125	SW2SVA	LinStatic	7,253	0,147	0	0	0
36	0,25	SW2SVA	LinStatic	7,253	0,147	0	0	0
36	0	SISMAVA	LinStatic	61,128	-2,684	0	0	0
36	0,125	SISMAVA	LinStatic	60,692	-2,684	0	0	0
36	0,25	SISMAVA	LinStatic	60,255	-2,684	0	0	0
36	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
36	0,125	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
36	0,25	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
36	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
36	0,125	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
36	0,25	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
36	0	SISMAVB	LinStatic	-61,128	2,684	0	0	0
36	0,125	SISMAVB	LinStatic	-60,692	2,684	0	0	0
36	0,25	SISMAVB	LinStatic	-60,255	2,684	0	0	0
37	0	PP	LinStatic	-319,406	-18,799	0	0	0
37	0,125	PP	LinStatic	-316,594	-18,799	0	0	0
37	0,25	PP	LinStatic	-313,782	-18,799	0	0	0
37	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
37	0,125	REINTSUP	LinStatic	-10,68	0,216	0	0	0
37	0,25	REINTSUP	LinStatic	-10,68	0,216	0	0	0
37	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0,125	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0,25	BALLAST	LinStatic	-64,08	1,294	0	0	0
37	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
37	0,125	STERRASX	LinStatic	-66,242	89,256	0	0	0
37	0,25	STERRASX	LinStatic	-66,242	89,256	0	0	0
37	0	STERRADX	LinStatic	66,242	-421,695	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	0,125	STERRADX	LinStatic	66,242	-410,014	0	0	0
37	0,25	STERRADX	LinStatic	66,242	-398,466	0	0	0
37	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0,125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0,25	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
37	0	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0,125	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0,25	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
37	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0,125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0,25	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
37	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0,125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0,25	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
37	0	LM71C	LinStatic	-237,602	7,589	0	0	0
37	0,125	LM71C	LinStatic	-237,602	7,589	0	0	0
37	0,25	LM71C	LinStatic	-237,602	7,589	0	0	0
37	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
37	0,125	LM71SX	LinStatic	-208,332	6,222	0	0	0
37	0,25	LM71SX	LinStatic	-208,332	6,222	0	0	0
37	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
37	0,125	LM71DX	LinStatic	-266,873	6,222	0	0	0
37	0,25	LM71DX	LinStatic	-266,873	6,222	0	0	0
37	0	STLM71	LinStatic	-20,818	25,207	0	0	0
37	0,125	STLM71	LinStatic	-20,818	25,207	0	0	0
37	0,25	STLM71	LinStatic	-20,818	25,207	0	0	0
37	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
37	0,125	AVVLM71	LinStatic	-49,872	45,568	0	0	0
37	0,25	AVVLM71	LinStatic	-49,872	45,568	0	0	0
37	0	SW2	LinStatic	-234,025	4,727	0	0	0
37	0,125	SW2	LinStatic	-234,025	4,727	0	0	0
37	0,25	SW2	LinStatic	-234,025	4,727	0	0	0
37	0	STSW2	LinStatic	-35,491	42,974	0	0	0
37	0,125	STSW2	LinStatic	-35,491	42,974	0	0	0
37	0,25	STSW2	LinStatic	-35,491	42,974	0	0	0
37	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
37	0,125	FRENSW2	LinStatic	-52,892	48,327	0	0	0
37	0,25	FRENSW2	LinStatic	-52,892	48,327	0	0	0
37	0	SERP	LinStatic	0	0	0	0	0
37	0,125	SERP	LinStatic	0	0	0	0	0
37	0,25	SERP	LinStatic	0	0	0	0	0
37	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
37	0,125	INCRTER	LinStatic	-132,41	160,328	0	0	0
37	0,25	INCRTER	LinStatic	-132,41	160,328	0	0	0
37	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
37	0,125	LM71SISO	LinStatic	-18,459	16,866	0	0	0
37	0,25	LM71SISO	LinStatic	-18,459	16,866	0	0	0
37	0	SW2SISO	LinStatic	-15,634	14,285	0	0	0
37	0,125	SW2SISO	LinStatic	-15,634	14,285	0	0	0
37	0,25	SW2SISO	LinStatic	-15,634	14,285	0	0	0
37	0	SISMAO	LinStatic	-77,578	109,203	0	0	0
37	0,125	SISMAO	LinStatic	-77,578	108,424	0	0	0
37	0,25	SISMAO	LinStatic	-77,578	107,646	0	0	0
37	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
37	0,125	LM71SVA	LinStatic	8,588	-0,173	0	0	0
37	0,25	LM71SVA	LinStatic	8,588	-0,173	0	0	0
37	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
37	0,125	SW2SVA	LinStatic	7,253	-0,147	0	0	0
37	0,25	SW2SVA	LinStatic	7,253	-0,147	0	0	0
37	0	SISMAVA	LinStatic	61,128	2,684	0	0	0
37	0,125	SISMAVA	LinStatic	60,692	2,684	0	0	0
37	0,25	SISMAVA	LinStatic	60,255	2,684	0	0	0
37	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
37	0,125	LM71SVB	LinStatic	-8,588	0,173	0	0	0
37	0,25	LM71SVB	LinStatic	-8,588	0,173	0	0	0
37	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
37	0,125	SW2SVB	LinStatic	-7,253	0,147	0	0	0
37	0,25	SW2SVB	LinStatic	-7,253	0,147	0	0	0
37	0	SISMAVB	LinStatic	-61,128	-2,684	0	0	0
37	0,125	SISMAVB	LinStatic	-60,692	-2,684	0	0	0
37	0,25	SISMAVB	LinStatic	-60,255	-2,684	0	0	0
38	0	PP	LinStatic	-313,782	18,799	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	0,125	PP	LinStatic	-310,971	18,799	0	0	0
38	0,25	PP	LinStatic	-308,159	18,799	0	0	0
38	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
38	0,125	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
38	0,25	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
38	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0,125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0,25	BALLAST	LinStatic	-64,08	-1,294	0	0	0
38	0	STERRASX	LinStatic	66,242	398,466	0	0	0
38	0,125	STERRASX	LinStatic	66,242	387,052	0	0	0
38	0,25	STERRASX	LinStatic	66,242	375,771	0	0	0
38	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
38	0,125	STERRADX	LinStatic	-66,242	-89,256	0	0	0
38	0,25	STERRADX	LinStatic	-66,242	-89,256	0	0	0
38	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0,125	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0,25	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
38	0	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0,125	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0,25	TERMN	LinStatic	-4,547E-12	5,217	0	0	0
38	0	GRADTP	LinStatic	0	8,746	0	0	0
38	0,125	GRADTP	LinStatic	0	8,746	0	0	0
38	0,25	GRADTP	LinStatic	0	8,746	0	0	0
38	0	GRADTN	LinStatic	0	-8,746	0	0	0
38	0,125	GRADTN	LinStatic	0	-8,746	0	0	0
38	0,25	GRADTN	LinStatic	0	-8,746	0	0	0
38	0	LM71C	LinStatic	-237,603	-7,589	0	0	0
38	0,125	LM71C	LinStatic	-237,603	-7,589	0	0	0
38	0,25	LM71C	LinStatic	-237,603	-7,589	0	0	0
38	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
38	0,125	LM71SX	LinStatic	-266,873	-6,222	0	0	0
38	0,25	LM71SX	LinStatic	-266,873	-6,222	0	0	0
38	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
38	0,125	LM71DX	LinStatic	-208,332	-6,222	0	0	0
38	0,25	LM71DX	LinStatic	-208,332	-6,222	0	0	0
38	0	STLM71	LinStatic	20,818	75,208	0	0	0
38	0,125	STLM71	LinStatic	20,818	73,887	0	0	0
38	0,25	STLM71	LinStatic	20,818	72,565	0	0	0
38	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
38	0,125	AVVLM71	LinStatic	49,872	45,568	0	0	0
38	0,25	AVVLM71	LinStatic	49,872	45,568	0	0	0
38	0	SW2	LinStatic	-234,025	-4,727	0	0	0
38	0,125	SW2	LinStatic	-234,025	-4,727	0	0	0
38	0,25	SW2	LinStatic	-234,025	-4,727	0	0	0
38	0	STSW2	LinStatic	35,491	128,216	0	0	0
38	0,125	STSW2	LinStatic	35,491	125,964	0	0	0
38	0,25	STSW2	LinStatic	35,491	123,711	0	0	0
38	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
38	0,125	FRENSW2	LinStatic	52,892	48,327	0	0	0
38	0,25	FRENSW2	LinStatic	52,892	48,327	0	0	0
38	0	SERP	LinStatic	0	0	0	0	0
38	0,125	SERP	LinStatic	0	0	0	0	0
38	0,25	SERP	LinStatic	0	0	0	0	0
38	0	INCRTER	LinStatic	132,41	478,357	0	0	0
38	0,125	INCRTER	LinStatic	132,41	469,953	0	0	0
38	0,25	INCRTER	LinStatic	132,41	461,549	0	0	0
38	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
38	0,125	LM71SISO	LinStatic	18,459	16,866	0	0	0
38	0,25	LM71SISO	LinStatic	18,459	16,866	0	0	0
38	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
38	0,125	SW2SISO	LinStatic	15,634	14,285	0	0	0
38	0,25	SW2SISO	LinStatic	15,634	14,285	0	0	0
38	0	SISMAO	LinStatic	77,578	107,646	0	0	0
38	0,125	SISMAO	LinStatic	77,578	106,867	0	0	0
38	0,25	SISMAO	LinStatic	77,578	106,088	0	0	0
38	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
38	0,125	LM71SVA	LinStatic	8,588	0,173	0	0	0
38	0,25	LM71SVA	LinStatic	8,588	0,173	0	0	0
38	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
38	0,125	SW2SVA	LinStatic	7,253	0,147	0	0	0
38	0,25	SW2SVA	LinStatic	7,253	0,147	0	0	0
38	0	SISMAVA	LinStatic	60,256	-2,684	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	0,125	SISMAVA	LinStatic	59,819	-2,684	0	0	0
38	0,25	SISMAVA	LinStatic	59,383	-2,684	0	0	0
38	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
38	0,125	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
38	0,25	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
38	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
38	0,125	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
38	0,25	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
38	0	SISMAVB	LinStatic	-60,256	2,684	0	0	0
38	0,125	SISMAVB	LinStatic	-59,819	2,684	0	0	0
38	0,25	SISMAVB	LinStatic	-59,383	2,684	0	0	0
39	0	PP	LinStatic	-313,782	-18,799	0	0	0
39	0,125	PP	LinStatic	-310,971	-18,799	0	0	0
39	0,25	PP	LinStatic	-308,159	-18,799	0	0	0
39	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
39	0,125	REINTSUP	LinStatic	-10,68	0,216	0	0	0
39	0,25	REINTSUP	LinStatic	-10,68	0,216	0	0	0
39	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0,125	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0,25	BALLAST	LinStatic	-64,08	1,294	0	0	0
39	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
39	0,125	STERRASX	LinStatic	-66,242	89,256	0	0	0
39	0,25	STERRASX	LinStatic	-66,242	89,256	0	0	0
39	0	STERRADX	LinStatic	66,242	-398,466	0	0	0
39	0,125	STERRADX	LinStatic	66,242	-387,052	0	0	0
39	0,25	STERRADX	LinStatic	66,242	-375,771	0	0	0
39	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0,125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0,25	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
39	0	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0,125	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0,25	TERMN	LinStatic	2,728E-12	-5,217	0	0	0
39	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0,125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0,25	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
39	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0,125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0,25	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
39	0	LM71C	LinStatic	-237,602	7,589	0	0	0
39	0,125	LM71C	LinStatic	-237,602	7,589	0	0	0
39	0,25	LM71C	LinStatic	-237,602	7,589	0	0	0
39	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
39	0,125	LM71SX	LinStatic	-208,332	6,222	0	0	0
39	0,25	LM71SX	LinStatic	-208,332	6,222	0	0	0
39	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
39	0,125	LM71DX	LinStatic	-266,873	6,222	0	0	0
39	0,25	LM71DX	LinStatic	-266,873	6,222	0	0	0
39	0	STLM71	LinStatic	-20,818	25,207	0	0	0
39	0,125	STLM71	LinStatic	-20,818	25,207	0	0	0
39	0,25	STLM71	LinStatic	-20,818	25,207	0	0	0
39	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
39	0,125	AVVLM71	LinStatic	-49,872	45,568	0	0	0
39	0,25	AVVLM71	LinStatic	-49,872	45,568	0	0	0
39	0	SW2	LinStatic	-234,025	4,727	0	0	0
39	0,125	SW2	LinStatic	-234,025	4,727	0	0	0
39	0,25	SW2	LinStatic	-234,025	4,727	0	0	0
39	0	STSW2	LinStatic	-35,491	42,974	0	0	0
39	0,125	STSW2	LinStatic	-35,491	42,974	0	0	0
39	0,25	STSW2	LinStatic	-35,491	42,974	0	0	0
39	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
39	0,125	FRENSW2	LinStatic	-52,892	48,327	0	0	0
39	0,25	FRENSW2	LinStatic	-52,892	48,327	0	0	0
39	0	SERP	LinStatic	0	0	0	0	0
39	0,125	SERP	LinStatic	0	0	0	0	0
39	0,25	SERP	LinStatic	0	0	0	0	0
39	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
39	0,125	INCRTER	LinStatic	-132,41	160,328	0	0	0
39	0,25	INCRTER	LinStatic	-132,41	160,328	0	0	0
39	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
39	0,125	LM71SISO	LinStatic	-18,459	16,866	0	0	0
39	0,25	LM71SISO	LinStatic	-18,459	16,866	0	0	0
39	0	SW2SISO	LinStatic	-15,634	14,285	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	0,125	SW2SISO	LinStatic	-15,634	14,285	0	0	0
39	0,25	SW2SISO	LinStatic	-15,634	14,285	0	0	0
39	0	SISMAO	LinStatic	-77,578	107,646	0	0	0
39	0,125	SISMAO	LinStatic	-77,578	106,867	0	0	0
39	0,25	SISMAO	LinStatic	-77,578	106,088	0	0	0
39	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
39	0,125	LM71SVA	LinStatic	8,588	-0,173	0	0	0
39	0,25	LM71SVA	LinStatic	8,588	-0,173	0	0	0
39	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
39	0,125	SW2SVA	LinStatic	7,253	-0,147	0	0	0
39	0,25	SW2SVA	LinStatic	7,253	-0,147	0	0	0
39	0	SISMAVA	LinStatic	60,255	2,684	0	0	0
39	0,125	SISMAVA	LinStatic	59,819	2,684	0	0	0
39	0,25	SISMAVA	LinStatic	59,383	2,684	0	0	0
39	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
39	0,125	LM71SVB	LinStatic	-8,588	0,173	0	0	0
39	0,25	LM71SVB	LinStatic	-8,588	0,173	0	0	0
39	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
39	0,125	SW2SVB	LinStatic	-7,253	0,147	0	0	0
39	0,25	SW2SVB	LinStatic	-7,253	0,147	0	0	0
39	0	SISMAVB	LinStatic	-60,255	-2,684	0	0	0
39	0,125	SISMAVB	LinStatic	-59,819	-2,684	0	0	0
39	0,25	SISMAVB	LinStatic	-59,383	-2,684	0	0	0
40	0	PP	LinStatic	-308,159	18,799	0	0	0
40	1,1	PP	LinStatic	-283,416	18,799	0	0	0
40	2,2	PP	LinStatic	-258,674	18,799	0	0	0
40	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
40	1,1	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
40	2,2	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
40	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
40	0	STERRASX	LinStatic	66,242	375,771	0	0	0
40	1,1	STERRASX	LinStatic	66,242	282,243	0	0	0
40	2,2	STERRASX	LinStatic	66,242	199,034	0	0	0
40	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
40	1,1	STERRADX	LinStatic	-66,242	-89,256	0	0	0
40	2,2	STERRADX	LinStatic	-66,242	-89,256	0	0	0
40	0	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	1,1	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	2,2	TERMP	LinStatic	1,421E-12	-1,739	0	0	0
40	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
40	0	GRADTP	LinStatic	0	8,746	0	0	0
40	1,1	GRADTP	LinStatic	0	8,746	0	0	0
40	2,2	GRADTP	LinStatic	0	8,746	0	0	0
40	0	GRADTN	LinStatic	0	-8,746	0	0	0
40	1,1	GRADTN	LinStatic	0	-8,746	0	0	0
40	2,2	GRADTN	LinStatic	0	-8,746	0	0	0
40	0	LM71C	LinStatic	-237,603	-7,589	0	0	0
40	1,1	LM71C	LinStatic	-237,603	-7,589	0	0	0
40	2,2	LM71C	LinStatic	-237,603	-7,589	0	0	0
40	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
40	1,1	LM71SX	LinStatic	-266,873	-6,222	0	0	0
40	2,2	LM71SX	LinStatic	-266,873	-6,222	0	0	0
40	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
40	1,1	LM71DX	LinStatic	-208,332	-6,222	0	0	0
40	2,2	LM71DX	LinStatic	-208,332	-6,222	0	0	0
40	0	STLM71	LinStatic	20,818	72,565	0	0	0
40	1,1	STLM71	LinStatic	20,818	60,938	0	0	0
40	2,2	STLM71	LinStatic	20,818	49,311	0	0	0
40	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
40	1,1	AVVLM71	LinStatic	49,872	45,568	0	0	0
40	2,2	AVVLM71	LinStatic	49,872	45,568	0	0	0
40	0	SW2	LinStatic	-234,025	-4,727	0	0	0
40	1,1	SW2	LinStatic	-234,025	-4,727	0	0	0
40	2,2	SW2	LinStatic	-234,025	-4,727	0	0	0
40	0	STSW2	LinStatic	35,491	123,711	0	0	0
40	1,1	STSW2	LinStatic	35,491	103,889	0	0	0
40	2,2	STSW2	LinStatic	35,491	84,067	0	0	0
40	0	FRENSW2	LinStatic	52,892	48,327	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
40	1,1	FRENSW2	LinStatic	52,892	48,327	0	0	0
40	2,2	FRENSW2	LinStatic	52,892	48,327	0	0	0
40	0	SERP	LinStatic	0	0	0	0	0
40	1,1	SERP	LinStatic	0	0	0	0	0
40	2,2	SERP	LinStatic	0	0	0	0	0
40	0	INCRTER	LinStatic	132,41	461,549	0	0	0
40	1,1	INCRTER	LinStatic	132,41	387,596	0	0	0
40	2,2	INCRTER	LinStatic	132,41	313,643	0	0	0
40	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
40	1,1	LM71SISO	LinStatic	18,459	16,866	0	0	0
40	2,2	LM71SISO	LinStatic	18,459	16,866	0	0	0
40	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
40	1,1	SW2SISO	LinStatic	15,634	14,285	0	0	0
40	2,2	SW2SISO	LinStatic	15,634	14,285	0	0	0
40	0	SISMAO	LinStatic	77,578	106,088	0	0	0
40	1,1	SISMAO	LinStatic	77,578	99,235	0	0	0
40	2,2	SISMAO	LinStatic	77,578	92,382	0	0	0
40	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
40	1,1	LM71SVA	LinStatic	8,588	0,173	0	0	0
40	2,2	LM71SVA	LinStatic	8,588	0,173	0	0	0
40	0	SW2SVA	LinStatic	7,254	0,147	0	0	0
40	1,1	SW2SVA	LinStatic	7,254	0,147	0	0	0
40	2,2	SW2SVA	LinStatic	7,254	0,147	0	0	0
40	0	SISMAVA	LinStatic	59,383	-2,684	0	0	0
40	1,1	SISMAVA	LinStatic	55,544	-2,684	0	0	0
40	2,2	SISMAVA	LinStatic	51,705	-2,684	0	0	0
40	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
40	1,1	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
40	2,2	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
40	0	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
40	1,1	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
40	2,2	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
40	0	SISMAVB	LinStatic	-59,383	2,684	0	0	0
40	1,1	SISMAVB	LinStatic	-55,544	2,684	0	0	0
40	2,2	SISMAVB	LinStatic	-51,705	2,684	0	0	0
41	0	PP	LinStatic	-308,159	-18,799	0	0	0
41	1,1	PP	LinStatic	-283,416	-18,799	0	0	0
41	2,2	PP	LinStatic	-258,674	-18,799	0	0	0
41	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
41	1,1	REINTSUP	LinStatic	-10,68	0,216	0	0	0
41	2,2	REINTSUP	LinStatic	-10,68	0,216	0	0	0
41	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
41	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
41	1,1	STERRASX	LinStatic	-66,242	89,256	0	0	0
41	2,2	STERRASX	LinStatic	-66,242	89,256	0	0	0
41	0	STERRADX	LinStatic	66,242	-375,771	0	0	0
41	1,1	STERRADX	LinStatic	66,242	-282,243	0	0	0
41	2,2	STERRADX	LinStatic	66,242	-199,034	0	0	0
41	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	1,1	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	2,2	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
41	0	TERMN	LinStatic	2,501E-12	-5,217	0	0	0
41	1,1	TERMN	LinStatic	2,501E-12	-5,217	0	0	0
41	2,2	TERMN	LinStatic	2,501E-12	-5,217	0	0	0
41	0	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	1,1	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	2,2	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
41	0	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	1,1	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	2,2	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
41	0	LM71C	LinStatic	-237,602	7,589	0	0	0
41	1,1	LM71C	LinStatic	-237,602	7,589	0	0	0
41	2,2	LM71C	LinStatic	-237,602	7,589	0	0	0
41	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
41	1,1	LM71SX	LinStatic	-208,332	6,222	0	0	0
41	2,2	LM71SX	LinStatic	-208,332	6,222	0	0	0
41	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
41	1,1	LM71DX	LinStatic	-266,873	6,222	0	0	0
41	2,2	LM71DX	LinStatic	-266,873	6,222	0	0	0
41	0	STLM71	LinStatic	-20,818	25,207	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	1,1	STLM71	LinStatic	-20,818	25,207	0	0	0
41	2,2	STLM71	LinStatic	-20,818	25,207	0	0	0
41	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
41	1,1	AVVLM71	LinStatic	-49,872	45,568	0	0	0
41	2,2	AVVLM71	LinStatic	-49,872	45,568	0	0	0
41	0	SW2	LinStatic	-234,025	4,727	0	0	0
41	1,1	SW2	LinStatic	-234,025	4,727	0	0	0
41	2,2	SW2	LinStatic	-234,025	4,727	0	0	0
41	0	STSW2	LinStatic	-35,491	42,974	0	0	0
41	1,1	STSW2	LinStatic	-35,491	42,974	0	0	0
41	2,2	STSW2	LinStatic	-35,491	42,974	0	0	0
41	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
41	1,1	FRENSW2	LinStatic	-52,892	48,327	0	0	0
41	2,2	FRENSW2	LinStatic	-52,892	48,327	0	0	0
41	0	SERP	LinStatic	0	0	0	0	0
41	1,1	SERP	LinStatic	0	0	0	0	0
41	2,2	SERP	LinStatic	0	0	0	0	0
41	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
41	1,1	INCRTER	LinStatic	-132,41	160,328	0	0	0
41	2,2	INCRTER	LinStatic	-132,41	160,328	0	0	0
41	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
41	1,1	LM71SISO	LinStatic	-18,459	16,866	0	0	0
41	2,2	LM71SISO	LinStatic	-18,459	16,866	0	0	0
41	0	SW2SISO	LinStatic	-15,634	14,285	0	0	0
41	1,1	SW2SISO	LinStatic	-15,634	14,285	0	0	0
41	2,2	SW2SISO	LinStatic	-15,634	14,285	0	0	0
41	0	SISMAO	LinStatic	-77,578	106,088	0	0	0
41	1,1	SISMAO	LinStatic	-77,578	99,235	0	0	0
41	2,2	SISMAO	LinStatic	-77,578	92,382	0	0	0
41	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
41	1,1	LM71SVA	LinStatic	8,588	-0,173	0	0	0
41	2,2	LM71SVA	LinStatic	8,588	-0,173	0	0	0
41	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
41	1,1	SW2SVA	LinStatic	7,253	-0,147	0	0	0
41	2,2	SW2SVA	LinStatic	7,253	-0,147	0	0	0
41	0	SISMAVA	LinStatic	59,383	2,684	0	0	0
41	1,1	SISMAVA	LinStatic	55,544	2,684	0	0	0
41	2,2	SISMAVA	LinStatic	51,705	2,684	0	0	0
41	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
41	1,1	LM71SVB	LinStatic	-8,588	0,173	0	0	0
41	2,2	LM71SVB	LinStatic	-8,588	0,173	0	0	0
41	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
41	1,1	SW2SVB	LinStatic	-7,253	0,147	0	0	0
41	2,2	SW2SVB	LinStatic	-7,253	0,147	0	0	0
41	0	SISMAVB	LinStatic	-59,383	-2,684	0	0	0
41	1,1	SISMAVB	LinStatic	-55,544	-2,684	0	0	0
41	2,2	SISMAVB	LinStatic	-51,705	-2,684	0	0	0
42	0	PP	LinStatic	-258,674	18,799	0	0	0
42	1,1	PP	LinStatic	-233,931	18,799	0	0	0
42	2,2	PP	LinStatic	-209,188	18,799	0	0	0
42	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
42	1,1	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
42	2,2	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
42	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
42	0	STERRASX	LinStatic	66,242	199,034	0	0	0
42	1,1	STERRASX	LinStatic	66,242	126,144	0	0	0
42	2,2	STERRASX	LinStatic	66,242	63,573	0	0	0
42	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
42	1,1	STERRADX	LinStatic	-66,242	-89,256	0	0	0
42	2,2	STERRADX	LinStatic	-66,242	-89,256	0	0	0
42	0	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	1,1	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	2,2	TERMP	LinStatic	1,307E-12	-1,739	0	0	0
42	0	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	1,1	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	2,2	TERMN	LinStatic	-5,343E-12	5,217	0	0	0
42	0	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	1,1	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	2,2	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
42	0	GRADTN	LinStatic	-1,137E-13	-8,746	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	1,1	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
42	2,2	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
42	0	LM71C	LinStatic	-237,602	-7,589	0	0	0
42	1,1	LM71C	LinStatic	-237,602	-7,589	0	0	0
42	2,2	LM71C	LinStatic	-237,602	-7,589	0	0	0
42	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
42	1,1	LM71SX	LinStatic	-266,873	-6,222	0	0	0
42	2,2	LM71SX	LinStatic	-266,873	-6,222	0	0	0
42	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
42	1,1	LM71DX	LinStatic	-208,332	-6,222	0	0	0
42	2,2	LM71DX	LinStatic	-208,332	-6,222	0	0	0
42	0	STLM71	LinStatic	20,818	49,311	0	0	0
42	1,1	STLM71	LinStatic	20,818	37,684	0	0	0
42	2,2	STLM71	LinStatic	20,818	26,057	0	0	0
42	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
42	1,1	AVVLM71	LinStatic	49,872	45,568	0	0	0
42	2,2	AVVLM71	LinStatic	49,872	45,568	0	0	0
42	0	SW2	LinStatic	-234,025	-4,727	0	0	0
42	1,1	SW2	LinStatic	-234,025	-4,727	0	0	0
42	2,2	SW2	LinStatic	-234,025	-4,727	0	0	0
42	0	STSW2	LinStatic	35,491	84,067	0	0	0
42	1,1	STSW2	LinStatic	35,491	64,245	0	0	0
42	2,2	STSW2	LinStatic	35,491	44,423	0	0	0
42	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
42	1,1	FRENSW2	LinStatic	52,892	48,327	0	0	0
42	2,2	FRENSW2	LinStatic	52,892	48,327	0	0	0
42	0	SERP	LinStatic	0	0	0	0	0
42	1,1	SERP	LinStatic	0	0	0	0	0
42	2,2	SERP	LinStatic	0	0	0	0	0
42	0	INCRTER	LinStatic	132,41	313,643	0	0	0
42	1,1	INCRTER	LinStatic	132,41	239,69	0	0	0
42	2,2	INCRTER	LinStatic	132,41	165,737	0	0	0
42	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
42	1,1	LM71SISO	LinStatic	18,459	16,866	0	0	0
42	2,2	LM71SISO	LinStatic	18,459	16,866	0	0	0
42	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
42	1,1	SW2SISO	LinStatic	15,634	14,285	0	0	0
42	2,2	SW2SISO	LinStatic	15,634	14,285	0	0	0
42	0	SISMAO	LinStatic	77,578	92,382	0	0	0
42	1,1	SISMAO	LinStatic	77,578	85,529	0	0	0
42	2,2	SISMAO	LinStatic	77,578	78,676	0	0	0
42	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
42	1,1	LM71SVA	LinStatic	8,588	0,173	0	0	0
42	2,2	LM71SVA	LinStatic	8,588	0,173	0	0	0
42	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
42	1,1	SW2SVA	LinStatic	7,253	0,147	0	0	0
42	2,2	SW2SVA	LinStatic	7,253	0,147	0	0	0
42	0	SISMAVA	LinStatic	51,705	-2,684	0	0	0
42	1,1	SISMAVA	LinStatic	47,866	-2,684	0	0	0
42	2,2	SISMAVA	LinStatic	44,027	-2,684	0	0	0
42	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
42	1,1	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
42	2,2	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
42	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
42	1,1	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
42	2,2	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
42	0	SISMAVB	LinStatic	-51,705	2,684	0	0	0
42	1,1	SISMAVB	LinStatic	-47,866	2,684	0	0	0
42	2,2	SISMAVB	LinStatic	-44,027	2,684	0	0	0
43	0	PP	LinStatic	-258,674	-18,799	0	0	0
43	1,1	PP	LinStatic	-233,931	-18,799	0	0	0
43	2,2	PP	LinStatic	-209,188	-18,799	0	0	0
43	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
43	1,1	REINTSUP	LinStatic	-10,68	0,216	0	0	0
43	2,2	REINTSUP	LinStatic	-10,68	0,216	0	0	0
43	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
43	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
43	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
43	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
43	1,1	STERRASX	LinStatic	-66,242	89,256	0	0	0
43	2,2	STERRASX	LinStatic	-66,242	89,256	0	0	0
43	0	STERRADX	LinStatic	66,242	-199,034	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	1,1	STERRADX	LinStatic	66,242	-126,144	0	0	0
43	2,2	STERRADX	LinStatic	66,242	-63,573	0	0	0
43	0	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	1,1	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	2,2	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
43	0	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	1,1	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	2,2	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
43	0	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	1,1	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	2,2	GRADTP	LinStatic	-2,615E-12	-8,746	0	0	0
43	0	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	1,1	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	2,2	GRADTN	LinStatic	2,615E-12	8,746	0	0	0
43	0	LM71C	LinStatic	-237,602	7,589	0	0	0
43	1,1	LM71C	LinStatic	-237,602	7,589	0	0	0
43	2,2	LM71C	LinStatic	-237,602	7,589	0	0	0
43	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
43	1,1	LM71SX	LinStatic	-208,332	6,222	0	0	0
43	2,2	LM71SX	LinStatic	-208,332	6,222	0	0	0
43	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
43	1,1	LM71DX	LinStatic	-266,873	6,222	0	0	0
43	2,2	LM71DX	LinStatic	-266,873	6,222	0	0	0
43	0	STLM71	LinStatic	-20,818	25,207	0	0	0
43	1,1	STLM71	LinStatic	-20,818	25,207	0	0	0
43	2,2	STLM71	LinStatic	-20,818	25,207	0	0	0
43	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
43	1,1	AVVLM71	LinStatic	-49,872	45,568	0	0	0
43	2,2	AVVLM71	LinStatic	-49,872	45,568	0	0	0
43	0	SW2	LinStatic	-234,025	4,727	0	0	0
43	1,1	SW2	LinStatic	-234,025	4,727	0	0	0
43	2,2	SW2	LinStatic	-234,025	4,727	0	0	0
43	0	STSW2	LinStatic	-35,491	42,974	0	0	0
43	1,1	STSW2	LinStatic	-35,491	42,974	0	0	0
43	2,2	STSW2	LinStatic	-35,491	42,974	0	0	0
43	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
43	1,1	FRENSW2	LinStatic	-52,892	48,327	0	0	0
43	2,2	FRENSW2	LinStatic	-52,892	48,327	0	0	0
43	0	SERP	LinStatic	0	0	0	0	0
43	1,1	SERP	LinStatic	0	0	0	0	0
43	2,2	SERP	LinStatic	0	0	0	0	0
43	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
43	1,1	INCRTER	LinStatic	-132,41	160,328	0	0	0
43	2,2	INCRTER	LinStatic	-132,41	160,328	0	0	0
43	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
43	1,1	LM71SISO	LinStatic	-18,459	16,866	0	0	0
43	2,2	LM71SISO	LinStatic	-18,459	16,866	0	0	0
43	0	SW2SISO	LinStatic	-15,634	14,285	0	0	0
43	1,1	SW2SISO	LinStatic	-15,634	14,285	0	0	0
43	2,2	SW2SISO	LinStatic	-15,634	14,285	0	0	0
43	0	SISMAO	LinStatic	-77,578	92,382	0	0	0
43	1,1	SISMAO	LinStatic	-77,578	85,529	0	0	0
43	2,2	SISMAO	LinStatic	-77,578	78,676	0	0	0
43	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
43	1,1	LM71SVA	LinStatic	8,588	-0,173	0	0	0
43	2,2	LM71SVA	LinStatic	8,588	-0,173	0	0	0
43	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
43	1,1	SW2SVA	LinStatic	7,253	-0,147	0	0	0
43	2,2	SW2SVA	LinStatic	7,253	-0,147	0	0	0
43	0	SISMAVA	LinStatic	51,705	2,684	0	0	0
43	1,1	SISMAVA	LinStatic	47,866	2,684	0	0	0
43	2,2	SISMAVA	LinStatic	44,027	2,684	0	0	0
43	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
43	1,1	LM71SVB	LinStatic	-8,588	0,173	0	0	0
43	2,2	LM71SVB	LinStatic	-8,588	0,173	0	0	0
43	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
43	1,1	SW2SVB	LinStatic	-7,253	0,147	0	0	0
43	2,2	SW2SVB	LinStatic	-7,253	0,147	0	0	0
43	0	SISMAVB	LinStatic	-51,705	-2,684	0	0	0
43	1,1	SISMAVB	LinStatic	-47,866	-2,684	0	0	0
43	2,2	SISMAVB	LinStatic	-44,027	-2,684	0	0	0
44	0	PP	LinStatic	-209,188	18,799	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	1,1	PP	LinStatic	-184,446	18,799	0	0	0
44	2,2	PP	LinStatic	-159,703	18,799	0	0	0
44	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
44	1,1	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
44	2,2	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
44	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
44	0	STERRASX	LinStatic	66,242	63,573	0	0	0
44	1,1	STERRASX	LinStatic	66,242	11,321	0	0	0
44	2,2	STERRASX	LinStatic	66,242	-30,611	0	0	0
44	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
44	1,1	STERRADX	LinStatic	-66,242	-89,256	0	0	0
44	2,2	STERRADX	LinStatic	-66,242	-89,256	0	0	0
44	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	1,1	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	2,2	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
44	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
44	0	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	1,1	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	2,2	GRADTP	LinStatic	1,137E-13	8,746	0	0	0
44	0	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	1,1	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	2,2	GRADTN	LinStatic	-1,137E-13	-8,746	0	0	0
44	0	LM71C	LinStatic	-237,602	-7,589	0	0	0
44	1,1	LM71C	LinStatic	-237,602	-7,589	0	0	0
44	2,2	LM71C	LinStatic	-237,602	-7,589	0	0	0
44	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
44	1,1	LM71SX	LinStatic	-266,873	-6,222	0	0	0
44	2,2	LM71SX	LinStatic	-266,873	-6,222	0	0	0
44	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
44	1,1	LM71DX	LinStatic	-208,332	-6,222	0	0	0
44	2,2	LM71DX	LinStatic	-208,332	-6,222	0	0	0
44	0	STLM71	LinStatic	20,818	26,057	0	0	0
44	1,1	STLM71	LinStatic	20,818	14,43	0	0	0
44	2,2	STLM71	LinStatic	20,818	2,803	0	0	0
44	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
44	1,1	AVVLM71	LinStatic	49,872	45,568	0	0	0
44	2,2	AVVLM71	LinStatic	49,872	45,568	0	0	0
44	0	SW2	LinStatic	-234,025	-4,727	0	0	0
44	1,1	SW2	LinStatic	-234,025	-4,727	0	0	0
44	2,2	SW2	LinStatic	-234,025	-4,727	0	0	0
44	0	STSW2	LinStatic	35,491	44,423	0	0	0
44	1,1	STSW2	LinStatic	35,491	24,601	0	0	0
44	2,2	STSW2	LinStatic	35,491	4,779	0	0	0
44	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
44	1,1	FRENSW2	LinStatic	52,892	48,327	0	0	0
44	2,2	FRENSW2	LinStatic	52,892	48,327	0	0	0
44	0	SERP	LinStatic	0	0	0	0	0
44	1,1	SERP	LinStatic	0	0	0	0	0
44	2,2	SERP	LinStatic	0	0	0	0	0
44	0	INCRTER	LinStatic	132,41	165,737	0	0	0
44	1,1	INCRTER	LinStatic	132,41	91,784	0	0	0
44	2,2	INCRTER	LinStatic	132,41	17,831	0	0	0
44	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
44	1,1	LM71SISO	LinStatic	18,459	16,866	0	0	0
44	2,2	LM71SISO	LinStatic	18,459	16,866	0	0	0
44	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
44	1,1	SW2SISO	LinStatic	15,634	14,285	0	0	0
44	2,2	SW2SISO	LinStatic	15,634	14,285	0	0	0
44	0	SISMAO	LinStatic	77,578	78,676	0	0	0
44	1,1	SISMAO	LinStatic	77,578	71,823	0	0	0
44	2,2	SISMAO	LinStatic	77,578	64,97	0	0	0
44	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
44	1,1	LM71SVA	LinStatic	8,588	0,173	0	0	0
44	2,2	LM71SVA	LinStatic	8,588	0,173	0	0	0
44	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
44	1,1	SW2SVA	LinStatic	7,253	0,147	0	0	0
44	2,2	SW2SVA	LinStatic	7,253	0,147	0	0	0
44	0	SISMAVA	LinStatic	44,027	-2,684	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	1,1	SISMAVA	LinStatic	40,188	-2,684	0	0	0
44	2,2	SISMAVA	LinStatic	36,349	-2,684	0	0	0
44	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
44	1,1	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
44	2,2	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
44	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
44	1,1	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
44	2,2	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
44	0	SISMAVB	LinStatic	-44,027	2,684	0	0	0
44	1,1	SISMAVB	LinStatic	-40,188	2,684	0	0	0
44	2,2	SISMAVB	LinStatic	-36,349	2,684	0	0	0
45	0	PP	LinStatic	-209,188	-18,799	0	0	0
45	1,1	PP	LinStatic	-184,446	-18,799	0	0	0
45	2,2	PP	LinStatic	-159,703	-18,799	0	0	0
45	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
45	1,1	REINTSUP	LinStatic	-10,68	0,216	0	0	0
45	2,2	REINTSUP	LinStatic	-10,68	0,216	0	0	0
45	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
45	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
45	1,1	STERRASX	LinStatic	-66,242	89,256	0	0	0
45	2,2	STERRASX	LinStatic	-66,242	89,256	0	0	0
45	0	STERRADX	LinStatic	66,242	-63,573	0	0	0
45	1,1	STERRADX	LinStatic	66,242	-11,321	0	0	0
45	2,2	STERRADX	LinStatic	66,242	30,611	0	0	0
45	0	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	1,1	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	2,2	TERMP	LinStatic	-3,979E-13	1,739	0	0	0
45	0	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	1,1	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	2,2	TERMN	LinStatic	2,615E-12	-5,217	0	0	0
45	0	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	1,1	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	2,2	GRADTP	LinStatic	-2,501E-12	-8,746	0	0	0
45	0	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	1,1	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	2,2	GRADTN	LinStatic	2,501E-12	8,746	0	0	0
45	0	LM71C	LinStatic	-237,602	7,589	0	0	0
45	1,1	LM71C	LinStatic	-237,602	7,589	0	0	0
45	2,2	LM71C	LinStatic	-237,602	7,589	0	0	0
45	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
45	1,1	LM71SX	LinStatic	-208,332	6,222	0	0	0
45	2,2	LM71SX	LinStatic	-208,332	6,222	0	0	0
45	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
45	1,1	LM71DX	LinStatic	-266,873	6,222	0	0	0
45	2,2	LM71DX	LinStatic	-266,873	6,222	0	0	0
45	0	STLM71	LinStatic	-20,818	25,207	0	0	0
45	1,1	STLM71	LinStatic	-20,818	25,207	0	0	0
45	2,2	STLM71	LinStatic	-20,818	25,207	0	0	0
45	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
45	1,1	AVVLM71	LinStatic	-49,872	45,568	0	0	0
45	2,2	AVVLM71	LinStatic	-49,872	45,568	0	0	0
45	0	SW2	LinStatic	-234,025	4,727	0	0	0
45	1,1	SW2	LinStatic	-234,025	4,727	0	0	0
45	2,2	SW2	LinStatic	-234,025	4,727	0	0	0
45	0	STSW2	LinStatic	-35,491	42,974	0	0	0
45	1,1	STSW2	LinStatic	-35,491	42,974	0	0	0
45	2,2	STSW2	LinStatic	-35,491	42,974	0	0	0
45	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
45	1,1	FRENSW2	LinStatic	-52,892	48,327	0	0	0
45	2,2	FRENSW2	LinStatic	-52,892	48,327	0	0	0
45	0	SERP	LinStatic	0	0	0	0	0
45	1,1	SERP	LinStatic	0	0	0	0	0
45	2,2	SERP	LinStatic	0	0	0	0	0
45	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
45	1,1	INCRTER	LinStatic	-132,41	160,328	0	0	0
45	2,2	INCRTER	LinStatic	-132,41	160,328	0	0	0
45	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
45	1,1	LM71SISO	LinStatic	-18,459	16,866	0	0	0
45	2,2	LM71SISO	LinStatic	-18,459	16,866	0	0	0
45	0	SW2SISO	LinStatic	-15,634	14,285	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	1,1	SW2SISO	LinStatic	-15,634	14,285	0	0	0
45	2,2	SW2SISO	LinStatic	-15,634	14,285	0	0	0
45	0	SISMAO	LinStatic	-77,578	78,676	0	0	0
45	1,1	SISMAO	LinStatic	-77,578	71,823	0	0	0
45	2,2	SISMAO	LinStatic	-77,578	64,97	0	0	0
45	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
45	1,1	LM71SVA	LinStatic	8,588	-0,173	0	0	0
45	2,2	LM71SVA	LinStatic	8,588	-0,173	0	0	0
45	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
45	1,1	SW2SVA	LinStatic	7,253	-0,147	0	0	0
45	2,2	SW2SVA	LinStatic	7,253	-0,147	0	0	0
45	0	SISMAVA	LinStatic	44,027	2,684	0	0	0
45	1,1	SISMAVA	LinStatic	40,188	2,684	0	0	0
45	2,2	SISMAVA	LinStatic	36,349	2,684	0	0	0
45	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
45	1,1	LM71SVB	LinStatic	-8,588	0,173	0	0	0
45	2,2	LM71SVB	LinStatic	-8,588	0,173	0	0	0
45	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
45	1,1	SW2SVB	LinStatic	-7,253	0,147	0	0	0
45	2,2	SW2SVB	LinStatic	-7,253	0,147	0	0	0
45	0	SISMAVB	LinStatic	-44,027	-2,684	0	0	0
45	1,1	SISMAVB	LinStatic	-40,188	-2,684	0	0	0
45	2,2	SISMAVB	LinStatic	-36,349	-2,684	0	0	0
46	0	PP	LinStatic	-159,703	18,799	0	0	0
46	1,1	PP	LinStatic	-134,96	18,799	0	0	0
46	2,2	PP	LinStatic	-110,217	18,799	0	0	0
46	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
46	1,1	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
46	2,2	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
46	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	1,1	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	2,2	BALLAST	LinStatic	-64,08	-1,294	0	0	0
46	0	STERRASX	LinStatic	66,242	-30,611	0	0	0
46	1,1	STERRASX	LinStatic	66,242	-62,225	0	0	0
46	2,2	STERRASX	LinStatic	66,242	-83,519	0	0	0
46	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
46	1,1	STERRADX	LinStatic	-66,242	-89,256	0	0	0
46	2,2	STERRADX	LinStatic	-66,242	-89,256	0	0	0
46	0	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	1,1	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	2,2	TERMP	LinStatic	1,364E-12	-1,739	0	0	0
46	0	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	1,1	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	2,2	TERMN	LinStatic	-5,457E-12	5,217	0	0	0
46	0	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	1,1	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	2,2	GRADTP	LinStatic	2,274E-13	8,746	0	0	0
46	0	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	1,1	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	2,2	GRADTN	LinStatic	-2,274E-13	-8,746	0	0	0
46	0	LM71C	LinStatic	-237,602	-7,589	0	0	0
46	1,1	LM71C	LinStatic	-237,602	-7,589	0	0	0
46	2,2	LM71C	LinStatic	-237,602	-7,589	0	0	0
46	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
46	1,1	LM71SX	LinStatic	-266,873	-6,222	0	0	0
46	2,2	LM71SX	LinStatic	-266,873	-6,222	0	0	0
46	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
46	1,1	LM71DX	LinStatic	-208,332	-6,222	0	0	0
46	2,2	LM71DX	LinStatic	-208,332	-6,222	0	0	0
46	0	STLM71	LinStatic	20,818	2,803	0	0	0
46	1,1	STLM71	LinStatic	20,818	-8,824	0	0	0
46	2,2	STLM71	LinStatic	20,818	-20,451	0	0	0
46	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
46	1,1	AVVLM71	LinStatic	49,872	45,568	0	0	0
46	2,2	AVVLM71	LinStatic	49,872	45,568	0	0	0
46	0	SW2	LinStatic	-234,025	-4,727	0	0	0
46	1,1	SW2	LinStatic	-234,025	-4,727	0	0	0
46	2,2	SW2	LinStatic	-234,025	-4,727	0	0	0
46	0	STSW2	LinStatic	35,491	4,779	0	0	0
46	1,1	STSW2	LinStatic	35,491	-15,043	0	0	0
46	2,2	STSW2	LinStatic	35,491	-34,865	0	0	0
46	0	FRENSW2	LinStatic	52,892	48,327	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
46	1,1	FRENSW2	LinStatic	52,892	48,327	0	0	0
46	2,2	FRENSW2	LinStatic	52,892	48,327	0	0	0
46	0	SERP	LinStatic	0	0	0	0	0
46	1,1	SERP	LinStatic	0	0	0	0	0
46	2,2	SERP	LinStatic	0	0	0	0	0
46	0	INCRTER	LinStatic	132,41	17,831	0	0	0
46	1,1	INCRTER	LinStatic	132,41	-56,122	0	0	0
46	2,2	INCRTER	LinStatic	132,41	-130,075	0	0	0
46	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
46	1,1	LM71SISO	LinStatic	18,459	16,866	0	0	0
46	2,2	LM71SISO	LinStatic	18,459	16,866	0	0	0
46	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
46	1,1	SW2SISO	LinStatic	15,634	14,285	0	0	0
46	2,2	SW2SISO	LinStatic	15,634	14,285	0	0	0
46	0	SISMAO	LinStatic	77,578	64,97	0	0	0
46	1,1	SISMAO	LinStatic	77,578	58,117	0	0	0
46	2,2	SISMAO	LinStatic	77,578	51,264	0	0	0
46	0	LM71SVA	LinStatic	8,588	0,173	0	0	0
46	1,1	LM71SVA	LinStatic	8,588	0,173	0	0	0
46	2,2	LM71SVA	LinStatic	8,588	0,173	0	0	0
46	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
46	1,1	SW2SVA	LinStatic	7,253	0,147	0	0	0
46	2,2	SW2SVA	LinStatic	7,253	0,147	0	0	0
46	0	SISMAVA	LinStatic	36,349	-2,684	0	0	0
46	1,1	SISMAVA	LinStatic	32,51	-2,684	0	0	0
46	2,2	SISMAVA	LinStatic	28,671	-2,684	0	0	0
46	0	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
46	1,1	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
46	2,2	LM71SVB	LinStatic	-8,588	-0,173	0	0	0
46	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
46	1,1	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
46	2,2	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
46	0	SISMAVB	LinStatic	-36,349	2,684	0	0	0
46	1,1	SISMAVB	LinStatic	-32,51	2,684	0	0	0
46	2,2	SISMAVB	LinStatic	-28,671	2,684	0	0	0
47	0	PP	LinStatic	-159,703	-18,799	0	0	0
47	1,1	PP	LinStatic	-134,96	-18,799	0	0	0
47	2,2	PP	LinStatic	-110,217	-18,799	0	0	0
47	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
47	1,1	REINTSUP	LinStatic	-10,68	0,216	0	0	0
47	2,2	REINTSUP	LinStatic	-10,68	0,216	0	0	0
47	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	1,1	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	2,2	BALLAST	LinStatic	-64,08	1,294	0	0	0
47	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
47	1,1	STERRASX	LinStatic	-66,242	89,256	0	0	0
47	2,2	STERRASX	LinStatic	-66,242	89,256	0	0	0
47	0	STERRADX	LinStatic	66,242	30,611	0	0	0
47	1,1	STERRADX	LinStatic	66,242	62,225	0	0	0
47	2,2	STERRADX	LinStatic	66,242	83,519	0	0	0
47	0	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	1,1	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	2,2	TERMP	LinStatic	-3,411E-13	1,739	0	0	0
47	0	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	1,1	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	2,2	TERMN	LinStatic	2,387E-12	-5,217	0	0	0
47	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	1,1	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	2,2	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
47	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	1,1	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	2,2	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
47	0	LM71C	LinStatic	-237,602	7,589	0	0	0
47	1,1	LM71C	LinStatic	-237,602	7,589	0	0	0
47	2,2	LM71C	LinStatic	-237,602	7,589	0	0	0
47	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
47	1,1	LM71SX	LinStatic	-208,332	6,222	0	0	0
47	2,2	LM71SX	LinStatic	-208,332	6,222	0	0	0
47	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
47	1,1	LM71DX	LinStatic	-266,873	6,222	0	0	0
47	2,2	LM71DX	LinStatic	-266,873	6,222	0	0	0
47	0	STLM71	LinStatic	-20,818	25,207	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	1,1	STLM71	LinStatic	-20,818	25,207	0	0	0
47	2,2	STLM71	LinStatic	-20,818	25,207	0	0	0
47	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
47	1,1	AVVLM71	LinStatic	-49,872	45,568	0	0	0
47	2,2	AVVLM71	LinStatic	-49,872	45,568	0	0	0
47	0	SW2	LinStatic	-234,025	4,727	0	0	0
47	1,1	SW2	LinStatic	-234,025	4,727	0	0	0
47	2,2	SW2	LinStatic	-234,025	4,727	0	0	0
47	0	STSW2	LinStatic	-35,491	42,974	0	0	0
47	1,1	STSW2	LinStatic	-35,491	42,974	0	0	0
47	2,2	STSW2	LinStatic	-35,491	42,974	0	0	0
47	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
47	1,1	FRENSW2	LinStatic	-52,892	48,327	0	0	0
47	2,2	FRENSW2	LinStatic	-52,892	48,327	0	0	0
47	0	SERP	LinStatic	0	0	0	0	0
47	1,1	SERP	LinStatic	0	0	0	0	0
47	2,2	SERP	LinStatic	0	0	0	0	0
47	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
47	1,1	INCRTER	LinStatic	-132,41	160,328	0	0	0
47	2,2	INCRTER	LinStatic	-132,41	160,328	0	0	0
47	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
47	1,1	LM71SISO	LinStatic	-18,459	16,866	0	0	0
47	2,2	LM71SISO	LinStatic	-18,459	16,866	0	0	0
47	0	SW2SISO	LinStatic	-15,634	14,285	0	0	0
47	1,1	SW2SISO	LinStatic	-15,634	14,285	0	0	0
47	2,2	SW2SISO	LinStatic	-15,634	14,285	0	0	0
47	0	SISMAO	LinStatic	-77,578	64,97	0	0	0
47	1,1	SISMAO	LinStatic	-77,578	58,117	0	0	0
47	2,2	SISMAO	LinStatic	-77,578	51,264	0	0	0
47	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
47	1,1	LM71SVA	LinStatic	8,588	-0,173	0	0	0
47	2,2	LM71SVA	LinStatic	8,588	-0,173	0	0	0
47	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
47	1,1	SW2SVA	LinStatic	7,253	-0,147	0	0	0
47	2,2	SW2SVA	LinStatic	7,253	-0,147	0	0	0
47	0	SISMAVA	LinStatic	36,349	2,684	0	0	0
47	1,1	SISMAVA	LinStatic	32,51	2,684	0	0	0
47	2,2	SISMAVA	LinStatic	28,671	2,684	0	0	0
47	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
47	1,1	LM71SVB	LinStatic	-8,588	0,173	0	0	0
47	2,2	LM71SVB	LinStatic	-8,588	0,173	0	0	0
47	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
47	1,1	SW2SVB	LinStatic	-7,253	0,147	0	0	0
47	2,2	SW2SVB	LinStatic	-7,253	0,147	0	0	0
47	0	SISMAVB	LinStatic	-36,349	-2,684	0	0	0
47	1,1	SISMAVB	LinStatic	-32,51	-2,684	0	0	0
47	2,2	SISMAVB	LinStatic	-28,671	-2,684	0	0	0
48	0	PP	LinStatic	-110,217	18,799	0	0	0
48	0,1125	PP	LinStatic	-107,687	18,799	0	0	0
48	0,225	PP	LinStatic	-105,156	18,799	0	0	0
48	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
48	0,1125	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
48	0,225	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
48	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0,1125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0,225	BALLAST	LinStatic	-64,08	-1,294	0	0	0
48	0	STERRASX	LinStatic	66,242	-83,519	0	0	0
48	0,1125	STERRASX	LinStatic	66,242	-85,115	0	0	0
48	0,225	STERRASX	LinStatic	66,242	-86,603	0	0	0
48	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
48	0,1125	STERRADX	LinStatic	-66,242	-89,256	0	0	0
48	0,225	STERRADX	LinStatic	-66,242	-89,256	0	0	0
48	0	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0,1125	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0,225	TERMP	LinStatic	9,095E-13	-1,739	0	0	0
48	0	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0,1125	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0,225	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
48	0	GRADTP	LinStatic	0	8,746	0	0	0
48	0,1125	GRADTP	LinStatic	0	8,746	0	0	0
48	0,225	GRADTP	LinStatic	0	8,746	0	0	0
48	0	GRADTN	LinStatic	0	-8,746	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
48	0,1125	GRADTN	LinStatic	0	-8,746	0	0	0
48	0,225	GRADTN	LinStatic	0	-8,746	0	0	0
48	0	LM71C	LinStatic	-237,603	-7,589	0	0	0
48	0,1125	LM71C	LinStatic	-237,603	-7,589	0	0	0
48	0,225	LM71C	LinStatic	-237,603	-7,589	0	0	0
48	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
48	0,1125	LM71SX	LinStatic	-266,873	-6,222	0	0	0
48	0,225	LM71SX	LinStatic	-266,873	-6,222	0	0	0
48	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
48	0,1125	LM71DX	LinStatic	-208,332	-6,222	0	0	0
48	0,225	LM71DX	LinStatic	-208,332	-6,222	0	0	0
48	0	STLM71	LinStatic	20,818	-20,451	0	0	0
48	0,1125	STLM71	LinStatic	20,818	-21,64	0	0	0
48	0,225	STLM71	LinStatic	20,818	-22,829	0	0	0
48	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
48	0,1125	AVVLM71	LinStatic	49,872	45,568	0	0	0
48	0,225	AVVLM71	LinStatic	49,872	45,568	0	0	0
48	0	SW2	LinStatic	-234,025	-4,727	0	0	0
48	0,1125	SW2	LinStatic	-234,025	-4,727	0	0	0
48	0,225	SW2	LinStatic	-234,025	-4,727	0	0	0
48	0	STSW2	LinStatic	35,491	-34,865	0	0	0
48	0,1125	STSW2	LinStatic	35,491	-36,892	0	0	0
48	0,225	STSW2	LinStatic	35,491	-38,919	0	0	0
48	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
48	0,1125	FRENSW2	LinStatic	52,892	48,327	0	0	0
48	0,225	FRENSW2	LinStatic	52,892	48,327	0	0	0
48	0	SERP	LinStatic	0	0	0	0	0
48	0,1125	SERP	LinStatic	0	0	0	0	0
48	0,225	SERP	LinStatic	0	0	0	0	0
48	0	INCRTER	LinStatic	132,41	-130,075	0	0	0
48	0,1125	INCRTER	LinStatic	132,41	-137,638	0	0	0
48	0,225	INCRTER	LinStatic	132,41	-145,201	0	0	0
48	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
48	0,1125	LM71SISO	LinStatic	18,459	16,866	0	0	0
48	0,225	LM71SISO	LinStatic	18,459	16,866	0	0	0
48	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
48	0,1125	SW2SISO	LinStatic	15,634	14,285	0	0	0
48	0,225	SW2SISO	LinStatic	15,634	14,285	0	0	0
48	0	SISMAO	LinStatic	77,578	51,264	0	0	0
48	0,1125	SISMAO	LinStatic	77,578	50,563	0	0	0
48	0,225	SISMAO	LinStatic	77,578	49,862	0	0	0
48	0	LM71SVA	LinStatic	8,589	0,173	0	0	0
48	0,1125	LM71SVA	LinStatic	8,589	0,173	0	0	0
48	0,225	LM71SVA	LinStatic	8,589	0,173	0	0	0
48	0	SW2SVA	LinStatic	7,253	0,147	0	0	0
48	0,1125	SW2SVA	LinStatic	7,253	0,147	0	0	0
48	0,225	SW2SVA	LinStatic	7,253	0,147	0	0	0
48	0	SISMAVA	LinStatic	28,671	-2,684	0	0	0
48	0,1125	SISMAVA	LinStatic	28,278	-2,684	0	0	0
48	0,225	SISMAVA	LinStatic	27,886	-2,684	0	0	0
48	0	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
48	0,1125	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
48	0,225	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
48	0	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
48	0,1125	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
48	0,225	SW2SVB	LinStatic	-7,253	-0,147	0	0	0
48	0	SISMAVB	LinStatic	-28,671	2,684	0	0	0
48	0,1125	SISMAVB	LinStatic	-28,278	2,684	0	0	0
48	0,225	SISMAVB	LinStatic	-27,886	2,684	0	0	0
49	0	PP	LinStatic	-110,217	-18,799	0	0	0
49	0,1125	PP	LinStatic	-107,687	-18,799	0	0	0
49	0,225	PP	LinStatic	-105,156	-18,799	0	0	0
49	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
49	0,1125	REINTSUP	LinStatic	-10,68	0,216	0	0	0
49	0,225	REINTSUP	LinStatic	-10,68	0,216	0	0	0
49	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0,1125	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0,225	BALLAST	LinStatic	-64,08	1,294	0	0	0
49	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
49	0,1125	STERRASX	LinStatic	-66,242	89,256	0	0	0
49	0,225	STERRASX	LinStatic	-66,242	89,256	0	0	0
49	0	STERRADX	LinStatic	66,242	83,519	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
49	0,1125	STERRADX	LinStatic	66,242	85,115	0	0	0
49	0,225	STERRADX	LinStatic	66,242	86,603	0	0	0
49	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0,1125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0,225	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
49	0	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0,1125	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0,225	TERMN	LinStatic	1,819E-12	-5,217	0	0	0
49	0	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0,1125	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0,225	GRADTP	LinStatic	-1,819E-12	-8,746	0	0	0
49	0	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0,1125	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0,225	GRADTN	LinStatic	1,819E-12	8,746	0	0	0
49	0	LM71C	LinStatic	-237,602	7,589	0	0	0
49	0,1125	LM71C	LinStatic	-237,602	7,589	0	0	0
49	0,225	LM71C	LinStatic	-237,602	7,589	0	0	0
49	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
49	0,1125	LM71SX	LinStatic	-208,332	6,222	0	0	0
49	0,225	LM71SX	LinStatic	-208,332	6,222	0	0	0
49	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
49	0,1125	LM71DX	LinStatic	-266,873	6,222	0	0	0
49	0,225	LM71DX	LinStatic	-266,873	6,222	0	0	0
49	0	STLM71	LinStatic	-20,818	25,207	0	0	0
49	0,1125	STLM71	LinStatic	-20,818	25,207	0	0	0
49	0,225	STLM71	LinStatic	-20,818	25,207	0	0	0
49	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
49	0,1125	AVVLM71	LinStatic	-49,872	45,568	0	0	0
49	0,225	AVVLM71	LinStatic	-49,872	45,568	0	0	0
49	0	SW2	LinStatic	-234,025	4,727	0	0	0
49	0,1125	SW2	LinStatic	-234,025	4,727	0	0	0
49	0,225	SW2	LinStatic	-234,025	4,727	0	0	0
49	0	STSW2	LinStatic	-35,491	42,974	0	0	0
49	0,1125	STSW2	LinStatic	-35,491	42,974	0	0	0
49	0,225	STSW2	LinStatic	-35,491	42,974	0	0	0
49	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
49	0,1125	FRENSW2	LinStatic	-52,892	48,327	0	0	0
49	0,225	FRENSW2	LinStatic	-52,892	48,327	0	0	0
49	0	SERP	LinStatic	0	0	0	0	0
49	0,1125	SERP	LinStatic	0	0	0	0	0
49	0,225	SERP	LinStatic	0	0	0	0	0
49	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
49	0,1125	INCRTER	LinStatic	-132,41	160,328	0	0	0
49	0,225	INCRTER	LinStatic	-132,41	160,328	0	0	0
49	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
49	0,1125	LM71SISO	LinStatic	-18,459	16,866	0	0	0
49	0,225	LM71SISO	LinStatic	-18,459	16,866	0	0	0
49	0	SW2SISO	LinStatic	-15,634	14,285	0	0	0
49	0,1125	SW2SISO	LinStatic	-15,634	14,285	0	0	0
49	0,225	SW2SISO	LinStatic	-15,634	14,285	0	0	0
49	0	SISMAO	LinStatic	-77,578	51,264	0	0	0
49	0,1125	SISMAO	LinStatic	-77,578	50,563	0	0	0
49	0,225	SISMAO	LinStatic	-77,578	49,862	0	0	0
49	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
49	0,1125	LM71SVA	LinStatic	8,588	-0,173	0	0	0
49	0,225	LM71SVA	LinStatic	8,588	-0,173	0	0	0
49	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
49	0,1125	SW2SVA	LinStatic	7,253	-0,147	0	0	0
49	0,225	SW2SVA	LinStatic	7,253	-0,147	0	0	0
49	0	SISMAVA	LinStatic	28,671	2,684	0	0	0
49	0,1125	SISMAVA	LinStatic	28,278	2,684	0	0	0
49	0,225	SISMAVA	LinStatic	27,886	2,684	0	0	0
49	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
49	0,1125	LM71SVB	LinStatic	-8,588	0,173	0	0	0
49	0,225	LM71SVB	LinStatic	-8,588	0,173	0	0	0
49	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
49	0,1125	SW2SVB	LinStatic	-7,253	0,147	0	0	0
49	0,225	SW2SVB	LinStatic	-7,253	0,147	0	0	0
49	0	SISMAVB	LinStatic	-28,671	-2,684	0	0	0
49	0,1125	SISMAVB	LinStatic	-28,278	-2,684	0	0	0
49	0,225	SISMAVB	LinStatic	-27,886	-2,684	0	0	0
50	0	PP	LinStatic	-105,156	18,799	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
50	0,1125	PP	LinStatic	-102,626	18,799	0	0	0
50	0,225	PP	LinStatic	-100,095	18,799	0	0	0
50	0	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
50	0,1125	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
50	0,225	REINTSUP	LinStatic	-10,68	-0,216	0	0	0
50	0	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0,1125	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0,225	BALLAST	LinStatic	-64,08	-1,294	0	0	0
50	0	STERRASX	LinStatic	66,242	-86,603	0	0	0
50	0,1125	STERRASX	LinStatic	66,242	-87,984	0	0	0
50	0,225	STERRASX	LinStatic	66,242	-89,256	0	0	0
50	0	STERRADX	LinStatic	-66,242	-89,256	0	0	0
50	0,1125	STERRADX	LinStatic	-66,242	-89,256	0	0	0
50	0,225	STERRADX	LinStatic	-66,242	-89,256	0	0	0
50	0	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0,1125	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0,225	TERMP	LinStatic	4,547E-13	-1,739	0	0	0
50	0	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0,1125	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0,225	TERMN	LinStatic	-3,638E-12	5,217	0	0	0
50	0	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0,1125	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0,225	GRADTP	LinStatic	9,095E-13	8,746	0	0	0
50	0	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0,1125	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0,225	GRADTN	LinStatic	-9,095E-13	-8,746	0	0	0
50	0	LM71C	LinStatic	-237,603	-7,589	0	0	0
50	0,1125	LM71C	LinStatic	-237,603	-7,589	0	0	0
50	0,225	LM71C	LinStatic	-237,603	-7,589	0	0	0
50	0	LM71SX	LinStatic	-266,873	-6,222	0	0	0
50	0,1125	LM71SX	LinStatic	-266,873	-6,222	0	0	0
50	0,225	LM71SX	LinStatic	-266,873	-6,222	0	0	0
50	0	LM71DX	LinStatic	-208,332	-6,222	0	0	0
50	0,1125	LM71DX	LinStatic	-208,332	-6,222	0	0	0
50	0,225	LM71DX	LinStatic	-208,332	-6,222	0	0	0
50	0	STLM71	LinStatic	20,818	-22,829	0	0	0
50	0,1125	STLM71	LinStatic	20,818	-24,018	0	0	0
50	0,225	STLM71	LinStatic	20,818	-25,207	0	0	0
50	0	AVVLM71	LinStatic	49,872	45,568	0	0	0
50	0,1125	AVVLM71	LinStatic	49,872	45,568	0	0	0
50	0,225	AVVLM71	LinStatic	49,872	45,568	0	0	0
50	0	SW2	LinStatic	-234,026	-4,727	0	0	0
50	0,1125	SW2	LinStatic	-234,026	-4,727	0	0	0
50	0,225	SW2	LinStatic	-234,026	-4,727	0	0	0
50	0	STSW2	LinStatic	35,491	-38,919	0	0	0
50	0,1125	STSW2	LinStatic	35,491	-40,946	0	0	0
50	0,225	STSW2	LinStatic	35,491	-42,974	0	0	0
50	0	FRENSW2	LinStatic	52,892	48,327	0	0	0
50	0,1125	FRENSW2	LinStatic	52,892	48,327	0	0	0
50	0,225	FRENSW2	LinStatic	52,892	48,327	0	0	0
50	0	SERP	LinStatic	0	0	0	0	0
50	0,1125	SERP	LinStatic	0	0	0	0	0
50	0,225	SERP	LinStatic	0	0	0	0	0
50	0	INCRTER	LinStatic	132,41	-145,201	0	0	0
50	0,1125	INCRTER	LinStatic	132,41	-152,765	0	0	0
50	0,225	INCRTER	LinStatic	132,41	-160,328	0	0	0
50	0	LM71SISO	LinStatic	18,459	16,866	0	0	0
50	0,1125	LM71SISO	LinStatic	18,459	16,866	0	0	0
50	0,225	LM71SISO	LinStatic	18,459	16,866	0	0	0
50	0	SW2SISO	LinStatic	15,634	14,285	0	0	0
50	0,1125	SW2SISO	LinStatic	15,634	14,285	0	0	0
50	0,225	SW2SISO	LinStatic	15,634	14,285	0	0	0
50	0	SISMAO	LinStatic	77,578	49,862	0	0	0
50	0,1125	SISMAO	LinStatic	77,578	49,161	0	0	0
50	0,225	SISMAO	LinStatic	77,578	48,461	0	0	0
50	0	LM71SVA	LinStatic	8,589	0,173	0	0	0
50	0,1125	LM71SVA	LinStatic	8,589	0,173	0	0	0
50	0,225	LM71SVA	LinStatic	8,589	0,173	0	0	0
50	0	SW2SVA	LinStatic	7,254	0,147	0	0	0
50	0,1125	SW2SVA	LinStatic	7,254	0,147	0	0	0
50	0,225	SW2SVA	LinStatic	7,254	0,147	0	0	0
50	0	SISMAVA	LinStatic	27,886	-2,684	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
50	0,1125	SISMAVA	LinStatic	27,493	-2,684	0	0	0
50	0,225	SISMAVA	LinStatic	27,101	-2,684	0	0	0
50	0	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
50	0,1125	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
50	0,225	LM71SVB	LinStatic	-8,589	-0,173	0	0	0
50	0	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
50	0,1125	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
50	0,225	SW2SVB	LinStatic	-7,254	-0,147	0	0	0
50	0	SISMAVB	LinStatic	-27,886	2,684	0	0	0
50	0,1125	SISMAVB	LinStatic	-27,493	2,684	0	0	0
50	0,225	SISMAVB	LinStatic	-27,101	2,684	0	0	0
51	0	PP	LinStatic	-105,156	-18,799	0	0	0
51	0,1125	PP	LinStatic	-102,626	-18,799	0	0	0
51	0,225	PP	LinStatic	-100,095	-18,799	0	0	0
51	0	REINTSUP	LinStatic	-10,68	0,216	0	0	0
51	0,1125	REINTSUP	LinStatic	-10,68	0,216	0	0	0
51	0,225	REINTSUP	LinStatic	-10,68	0,216	0	0	0
51	0	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0,1125	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0,225	BALLAST	LinStatic	-64,08	1,294	0	0	0
51	0	STERRASX	LinStatic	-66,242	89,256	0	0	0
51	0,1125	STERRASX	LinStatic	-66,242	89,256	0	0	0
51	0,225	STERRASX	LinStatic	-66,242	89,256	0	0	0
51	0	STERRADX	LinStatic	66,242	86,603	0	0	0
51	0,1125	STERRADX	LinStatic	66,242	87,984	0	0	0
51	0,225	STERRADX	LinStatic	66,242	89,256	0	0	0
51	0	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0,1125	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0,225	TERMP	LinStatic	-4,547E-13	1,739	0	0	0
51	0	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0,1125	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0,225	TERMN	LinStatic	3,638E-12	-5,217	0	0	0
51	0	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0,1125	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0,225	GRADTP	LinStatic	-2,728E-12	-8,746	0	0	0
51	0	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0,1125	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0,225	GRADTN	LinStatic	2,728E-12	8,746	0	0	0
51	0	LM71C	LinStatic	-237,602	7,589	0	0	0
51	0,1125	LM71C	LinStatic	-237,602	7,589	0	0	0
51	0,225	LM71C	LinStatic	-237,602	7,589	0	0	0
51	0	LM71SX	LinStatic	-208,332	6,222	0	0	0
51	0,1125	LM71SX	LinStatic	-208,332	6,222	0	0	0
51	0,225	LM71SX	LinStatic	-208,332	6,222	0	0	0
51	0	LM71DX	LinStatic	-266,873	6,222	0	0	0
51	0,1125	LM71DX	LinStatic	-266,873	6,222	0	0	0
51	0,225	LM71DX	LinStatic	-266,873	6,222	0	0	0
51	0	STLM71	LinStatic	-20,818	25,207	0	0	0
51	0,1125	STLM71	LinStatic	-20,818	25,207	0	0	0
51	0,225	STLM71	LinStatic	-20,818	25,207	0	0	0
51	0	AVVLM71	LinStatic	-49,872	45,568	0	0	0
51	0,1125	AVVLM71	LinStatic	-49,872	45,568	0	0	0
51	0,225	AVVLM71	LinStatic	-49,872	45,568	0	0	0
51	0	SW2	LinStatic	-234,025	4,727	0	0	0
51	0,1125	SW2	LinStatic	-234,025	4,727	0	0	0
51	0,225	SW2	LinStatic	-234,025	4,727	0	0	0
51	0	STSW2	LinStatic	-35,491	42,974	0	0	0
51	0,1125	STSW2	LinStatic	-35,491	42,974	0	0	0
51	0,225	STSW2	LinStatic	-35,491	42,974	0	0	0
51	0	FRENSW2	LinStatic	-52,892	48,327	0	0	0
51	0,1125	FRENSW2	LinStatic	-52,892	48,327	0	0	0
51	0,225	FRENSW2	LinStatic	-52,892	48,327	0	0	0
51	0	SERP	LinStatic	0	0	0	0	0
51	0,1125	SERP	LinStatic	0	0	0	0	0
51	0,225	SERP	LinStatic	0	0	0	0	0
51	0	INCRTER	LinStatic	-132,41	160,328	0	0	0
51	0,1125	INCRTER	LinStatic	-132,41	160,328	0	0	0
51	0,225	INCRTER	LinStatic	-132,41	160,328	0	0	0
51	0	LM71SISO	LinStatic	-18,459	16,866	0	0	0
51	0,1125	LM71SISO	LinStatic	-18,459	16,866	0	0	0
51	0,225	LM71SISO	LinStatic	-18,459	16,866	0	0	0
51	0	SW2SISO	LinStatic	-15,634	14,285	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
51	0,1125	SW2SISO	LinStatic	-15,634	14,285	0	0	0
51	0,225	SW2SISO	LinStatic	-15,634	14,285	0	0	0
51	0	SISMAO	LinStatic	-77,578	49,862	0	0	0
51	0,1125	SISMAO	LinStatic	-77,578	49,161	0	0	0
51	0,225	SISMAO	LinStatic	-77,578	48,461	0	0	0
51	0	LM71SVA	LinStatic	8,588	-0,173	0	0	0
51	0,1125	LM71SVA	LinStatic	8,588	-0,173	0	0	0
51	0,225	LM71SVA	LinStatic	8,588	-0,173	0	0	0
51	0	SW2SVA	LinStatic	7,253	-0,147	0	0	0
51	0,1125	SW2SVA	LinStatic	7,253	-0,147	0	0	0
51	0,225	SW2SVA	LinStatic	7,253	-0,147	0	0	0
51	0	SISMAVA	LinStatic	27,886	2,684	0	0	0
51	0,1125	SISMAVA	LinStatic	27,493	2,684	0	0	0
51	0,225	SISMAVA	LinStatic	27,1	2,684	0	0	0
51	0	LM71SVB	LinStatic	-8,588	0,173	0	0	0
51	0,1125	LM71SVB	LinStatic	-8,588	0,173	0	0	0
51	0,225	LM71SVB	LinStatic	-8,588	0,173	0	0	0
51	0	SW2SVB	LinStatic	-7,253	0,147	0	0	0
51	0,1125	SW2SVB	LinStatic	-7,253	0,147	0	0	0
51	0,225	SW2SVB	LinStatic	-7,253	0,147	0	0	0
51	0	SISMAVB	LinStatic	-27,886	-2,684	0	0	0
51	0,1125	SISMAVB	LinStatic	-27,493	-2,684	0	0	0
51	0,225	SISMAVB	LinStatic	-27,1	-2,684	0	0	0
52	0	PP	LinStatic	18,799	-100,095	0	0	0
52	0,225	PP	LinStatic	18,799	-95,034	0	0	0
52	0	REINTSUP	LinStatic	-0,216	-10,68	0	0	0
52	0,225	REINTSUP	LinStatic	-0,216	-10,14	0	0	0
52	0	BALLAST	LinStatic	-1,294	-64,08	0	0	0
52	0,225	BALLAST	LinStatic	-1,294	-60,84	0	0	0
52	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
52	0,225	STERRASX	LinStatic	-89,256	66,242	0	0	0
52	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
52	0,225	STERRADX	LinStatic	-89,256	-66,242	0	0	0
52	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
52	0,225	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
52	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
52	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
52	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
52	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
52	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
52	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
52	0	LM71C	LinStatic	-7,589	-237,603	0	0	0
52	0,225	LM71C	LinStatic	-7,589	-230,661	0	0	0
52	0	LM71SX	LinStatic	-6,222	-266,873	0	0	0
52	0,225	LM71SX	LinStatic	-6,222	-252,878	0	0	0
52	0	LM71DX	LinStatic	-6,222	-208,332	0	0	0
52	0,225	LM71DX	LinStatic	-6,222	-201,391	0	0	0
52	0	STLM71	LinStatic	-25,207	20,818	0	0	0
52	0,225	STLM71	LinStatic	-25,207	20,818	0	0	0
52	0	AVVLM71	LinStatic	45,568	49,872	0	0	0
52	0,225	AVVLM71	LinStatic	43,264	49,872	0	0	0
52	0	SW2	LinStatic	-4,727	-234,026	0	0	0
52	0,225	SW2	LinStatic	-4,727	-222,193	0	0	0
52	0	STSW2	LinStatic	-42,974	35,491	0	0	0
52	0,225	STSW2	LinStatic	-42,974	35,491	0	0	0
52	0	FRENSW2	LinStatic	48,327	52,892	0	0	0
52	0,225	FRENSW2	LinStatic	45,884	52,892	0	0	0
52	0	SERP	LinStatic	0	0	0	0	0
52	0,225	SERP	LinStatic	0	0	0	0	0
52	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
52	0,225	INCRTER	LinStatic	-160,328	132,41	0	0	0
52	0	LM71SISO	LinStatic	16,866	18,459	0	0	0
52	0,225	LM71SISO	LinStatic	16,013	18,459	0	0	0
52	0	SW2SISO	LinStatic	14,285	15,634	0	0	0
52	0,225	SW2SISO	LinStatic	13,562	15,634	0	0	0
52	0	SISMAO	LinStatic	48,461	77,578	0	0	0
52	0,225	SISMAO	LinStatic	46,01	77,578	0	0	0
52	0	LM71SVA	LinStatic	0,173	8,589	0	0	0
52	0,225	LM71SVA	LinStatic	0,173	8,154	0	0	0
52	0	SW2SVA	LinStatic	0,147	7,254	0	0	0
52	0,225	SW2SVA	LinStatic	0,147	6,887	0	0	0
52	0	SISMAVA	LinStatic	-2,684	27,101	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
52	0,225	SISMAVA	LinStatic	-2,684	25,73	0	0	0
52	0	LM71SVB	LinStatic	-0,173	-8,589	0	0	0
52	0,225	LM71SVB	LinStatic	-0,173	-8,154	0	0	0
52	0	SW2SVB	LinStatic	-0,147	-7,254	0	0	0
52	0,225	SW2SVB	LinStatic	-0,147	-6,887	0	0	0
52	0	SISMAVB	LinStatic	2,684	-27,101	0	0	0
52	0,225	SISMAVB	LinStatic	2,684	-25,73	0	0	0
53	0	PP	LinStatic	18,799	-95,034	0	0	0
53	0,225	PP	LinStatic	18,799	-89,973	0	0	0
53	0	REINTSUP	LinStatic	-0,216	-10,14	0	0	0
53	0,225	REINTSUP	LinStatic	-0,216	-9,6	0	0	0
53	0	BALLAST	LinStatic	-1,294	-60,84	0	0	0
53	0,225	BALLAST	LinStatic	-1,294	-57,6	0	0	0
53	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
53	0,225	STERRASX	LinStatic	-89,256	66,242	0	0	0
53	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
53	0,225	STERRADX	LinStatic	-89,256	-66,242	0	0	0
53	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
53	0,225	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
53	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
53	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
53	0	GRADTP	LinStatic	8,746	0	0	0	0
53	0,225	GRADTP	LinStatic	8,746	0	0	0	0
53	0	GRADTN	LinStatic	-8,746	0	0	0	0
53	0,225	GRADTN	LinStatic	-8,746	0	0	0	0
53	0	LM71C	LinStatic	-7,589	-230,661	0	0	0
53	0,225	LM71C	LinStatic	-7,589	-223,72	0	0	0
53	0	LM71SX	LinStatic	-6,222	-252,878	0	0	0
53	0,225	LM71SX	LinStatic	-6,222	-238,883	0	0	0
53	0	LM71DX	LinStatic	-6,222	-201,391	0	0	0
53	0,225	LM71DX	LinStatic	-6,222	-194,45	0	0	0
53	0	STLM71	LinStatic	-25,207	20,818	0	0	0
53	0,225	STLM71	LinStatic	-25,207	20,818	0	0	0
53	0	AVVLM71	LinStatic	43,264	49,872	0	0	0
53	0,225	AVVLM71	LinStatic	40,96	49,872	0	0	0
53	0	SW2	LinStatic	-4,727	-222,193	0	0	0
53	0,225	SW2	LinStatic	-4,727	-210,36	0	0	0
53	0	STSW2	LinStatic	-42,974	35,491	0	0	0
53	0,225	STSW2	LinStatic	-42,974	35,491	0	0	0
53	0	FRENSW2	LinStatic	45,884	52,892	0	0	0
53	0,225	FRENSW2	LinStatic	43,44	52,892	0	0	0
53	0	SERP	LinStatic	0	0	0	0	0
53	0,225	SERP	LinStatic	0	0	0	0	0
53	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
53	0,225	INCRTER	LinStatic	-160,328	132,41	0	0	0
53	0	LM71SISO	LinStatic	16,013	18,459	0	0	0
53	0,225	LM71SISO	LinStatic	15,16	18,459	0	0	0
53	0	SW2SISO	LinStatic	13,562	15,634	0	0	0
53	0,225	SW2SISO	LinStatic	12,84	15,634	0	0	0
53	0	SISMAO	LinStatic	46,01	77,578	0	0	0
53	0,225	SISMAO	LinStatic	43,56	77,578	0	0	0
53	0	LM71SVA	LinStatic	0,173	8,154	0	0	0
53	0,225	LM71SVA	LinStatic	0,173	7,72	0	0	0
53	0	SW2SVA	LinStatic	0,147	6,887	0	0	0
53	0,225	SW2SVA	LinStatic	0,147	6,52	0	0	0
53	0	SISMAVA	LinStatic	-2,684	25,73	0	0	0
53	0,225	SISMAVA	LinStatic	-2,684	24,36	0	0	0
53	0	LM71SVB	LinStatic	-0,173	-8,154	0	0	0
53	0,225	LM71SVB	LinStatic	-0,173	-7,72	0	0	0
53	0	SW2SVB	LinStatic	-0,147	-6,887	0	0	0
53	0,225	SW2SVB	LinStatic	-0,147	-6,52	0	0	0
53	0	SISMAVB	LinStatic	2,684	-25,73	0	0	0
53	0,225	SISMAVB	LinStatic	2,684	-24,36	0	0	0
54	0	PP	LinStatic	18,799	-89,973	0	0	0
54	0,4	PP	LinStatic	18,799	-80,976	0	0	0
54	0,8	PP	LinStatic	18,799	-71,979	0	0	0
54	0	REINTSUP	LinStatic	-0,216	-9,6	0	0	0
54	0,4	REINTSUP	LinStatic	-0,216	-8,64	0	0	0
54	0,8	REINTSUP	LinStatic	-0,216	-7,68	0	0	0
54	0	BALLAST	LinStatic	-1,294	-57,6	0	0	0
54	0,4	BALLAST	LinStatic	-1,294	-51,84	0	0	0
54	0,8	BALLAST	LinStatic	-1,294	-46,08	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
54	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
54	0,4	STERRASX	LinStatic	-89,256	66,242	0	0	0
54	0,8	STERRASX	LinStatic	-89,256	66,242	0	0	0
54	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
54	0,4	STERRADX	LinStatic	-89,256	-66,242	0	0	0
54	0,8	STERRADX	LinStatic	-89,256	-66,242	0	0	0
54	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0,4	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0,8	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
54	0	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0,4	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0,8	TERMN	LinStatic	5,217	-5,457E-12	0	0	0
54	0	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0,4	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0,8	GRADTP	LinStatic	8,746	-2,274E-13	0	0	0
54	0	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0,4	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0,8	GRADTN	LinStatic	-8,746	2,274E-13	0	0	0
54	0	LM71C	LinStatic	-7,589	-223,72	0	0	0
54	0,4	LM71C	LinStatic	-7,589	-211,38	0	0	0
54	0,8	LM71C	LinStatic	-7,589	-199,04	0	0	0
54	0	LM71SX	LinStatic	-6,222	-238,883	0	0	0
54	0,4	LM71SX	LinStatic	-6,222	-214,003	0	0	0
54	0,8	LM71SX	LinStatic	-6,222	-189,123	0	0	0
54	0	LM71DX	LinStatic	-6,222	-194,45	0	0	0
54	0,4	LM71DX	LinStatic	-6,222	-182,11	0	0	0
54	0,8	LM71DX	LinStatic	-6,222	-169,77	0	0	0
54	0	STLM71	LinStatic	-25,207	20,818	0	0	0
54	0,4	STLM71	LinStatic	-25,207	20,818	0	0	0
54	0,8	STLM71	LinStatic	-25,207	20,818	0	0	0
54	0	AVVLM71	LinStatic	40,96	49,872	0	0	0
54	0,4	AVVLM71	LinStatic	36,864	49,872	0	0	0
54	0,8	AVVLM71	LinStatic	32,768	49,872	0	0	0
54	0	SW2	LinStatic	-4,727	-210,36	0	0	0
54	0,4	SW2	LinStatic	-4,727	-189,324	0	0	0
54	0,8	SW2	LinStatic	-4,727	-168,288	0	0	0
54	0	STSW2	LinStatic	-42,974	35,491	0	0	0
54	0,4	STSW2	LinStatic	-42,974	35,491	0	0	0
54	0,8	STSW2	LinStatic	-42,974	35,491	0	0	0
54	0	FRENSW2	LinStatic	43,44	52,892	0	0	0
54	0,4	FRENSW2	LinStatic	39,096	52,892	0	0	0
54	0,8	FRENSW2	LinStatic	34,752	52,892	0	0	0
54	0	SERP	LinStatic	0	0	0	0	0
54	0,4	SERP	LinStatic	0	0	0	0	0
54	0,8	SERP	LinStatic	0	0	0	0	0
54	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
54	0,4	INCRTER	LinStatic	-160,328	132,41	0	0	0
54	0,8	INCRTER	LinStatic	-160,328	132,41	0	0	0
54	0	LM71SISO	LinStatic	15,16	18,459	0	0	0
54	0,4	LM71SISO	LinStatic	13,644	18,459	0	0	0
54	0,8	LM71SISO	LinStatic	12,128	18,459	0	0	0
54	0	SW2SISO	LinStatic	12,84	15,634	0	0	0
54	0,4	SW2SISO	LinStatic	11,556	15,634	0	0	0
54	0,8	SW2SISO	LinStatic	10,272	15,634	0	0	0
54	0	SISMAO	LinStatic	43,56	77,578	0	0	0
54	0,4	SISMAO	LinStatic	39,204	77,578	0	0	0
54	0,8	SISMAO	LinStatic	34,848	77,578	0	0	0
54	0	LM71SVA	LinStatic	0,173	7,72	0	0	0
54	0,4	LM71SVA	LinStatic	0,173	6,948	0	0	0
54	0,8	LM71SVA	LinStatic	0,173	6,176	0	0	0
54	0	SW2SVA	LinStatic	0,147	6,52	0	0	0
54	0,4	SW2SVA	LinStatic	0,147	5,868	0	0	0
54	0,8	SW2SVA	LinStatic	0,147	5,216	0	0	0
54	0	SISMAVA	LinStatic	-2,684	24,36	0	0	0
54	0,4	SISMAVA	LinStatic	-2,684	21,924	0	0	0
54	0,8	SISMAVA	LinStatic	-2,684	19,488	0	0	0
54	0	LM71SVB	LinStatic	-0,173	-7,72	0	0	0
54	0,4	LM71SVB	LinStatic	-0,173	-6,948	0	0	0
54	0,8	LM71SVB	LinStatic	-0,173	-6,176	0	0	0
54	0	SW2SVB	LinStatic	-0,147	-6,52	0	0	0
54	0,4	SW2SVB	LinStatic	-0,147	-5,868	0	0	0
54	0,8	SW2SVB	LinStatic	-0,147	-5,216	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
54	0	SISMAVB	LinStatic	2,684	-24,36	0	0	0
54	0,4	SISMAVB	LinStatic	2,684	-21,924	0	0	0
54	0,8	SISMAVB	LinStatic	2,684	-19,488	0	0	0
55	0	PP	LinStatic	18,799	-71,979	0	0	0
55	0,41667	PP	LinStatic	18,799	-62,607	0	0	0
55	0,83333	PP	LinStatic	18,799	-53,234	0	0	0
55	1,25	PP	LinStatic	18,799	-43,862	0	0	0
55	0	REINTSUP	LinStatic	-0,216	-7,68	0	0	0
55	0,41667	REINTSUP	LinStatic	-0,216	-6,68	0	0	0
55	0,83333	REINTSUP	LinStatic	-0,216	-5,68	0	0	0
55	1,25	REINTSUP	LinStatic	-0,216	-4,68	0	0	0
55	0	BALLAST	LinStatic	-1,294	-46,08	0	0	0
55	0,41667	BALLAST	LinStatic	-1,294	-40,08	0	0	0
55	0,83333	BALLAST	LinStatic	-1,294	-34,08	0	0	0
55	1,25	BALLAST	LinStatic	-1,294	-28,08	0	0	0
55	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
55	0,41667	STERRASX	LinStatic	-89,256	66,242	0	0	0
55	0,83333	STERRASX	LinStatic	-89,256	66,242	0	0	0
55	1,25	STERRASX	LinStatic	-89,256	66,242	0	0	0
55	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
55	0,41667	STERRADX	LinStatic	-89,256	-66,242	0	0	0
55	0,83333	STERRADX	LinStatic	-89,256	-66,242	0	0	0
55	1,25	STERRADX	LinStatic	-89,256	-66,242	0	0	0
55	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0,41667	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0,83333	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	1,25	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
55	0	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0,41667	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0,83333	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	1,25	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
55	0	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0,41667	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0,83333	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	1,25	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
55	0	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0,41667	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0,83333	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	1,25	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
55	0	LM71C	LinStatic	-7,589	-199,04	0	0	0
55	0,41667	LM71C	LinStatic	-7,589	-173,123	0	0	0
55	0,83333	LM71C	LinStatic	-7,589	-147,207	0	0	0
55	1,25	LM71C	LinStatic	-7,589	-121,29	0	0	0
55	0	LM71SX	LinStatic	-6,222	-189,123	0	0	0
55	0,41667	LM71SX	LinStatic	-6,222	-163,206	0	0	0
55	0,83333	LM71SX	LinStatic	-6,222	-137,289	0	0	0
55	1,25	LM71SX	LinStatic	-6,222	-111,373	0	0	0
55	0	LM71DX	LinStatic	-6,222	-169,77	0	0	0
55	0,41667	LM71DX	LinStatic	-6,222	-156,916	0	0	0
55	0,83333	LM71DX	LinStatic	-6,222	-144,061	0	0	0
55	1,25	LM71DX	LinStatic	-6,222	-131,207	0	0	0
55	0	STLM71	LinStatic	-25,207	20,818	0	0	0
55	0,41667	STLM71	LinStatic	-25,207	20,818	0	0	0
55	0,83333	STLM71	LinStatic	-25,207	20,818	0	0	0
55	1,25	STLM71	LinStatic	-25,207	20,818	0	0	0
55	0	AVVLM71	LinStatic	32,768	49,872	0	0	0
55	0,41667	AVVLM71	LinStatic	28,501	49,872	0	0	0
55	0,83333	AVVLM71	LinStatic	24,235	49,872	0	0	0
55	1,25	AVVLM71	LinStatic	19,968	49,872	0	0	0
55	0	SW2	LinStatic	-4,727	-168,288	0	0	0
55	0,41667	SW2	LinStatic	-4,727	-146,375	0	0	0
55	0,83333	SW2	LinStatic	-4,727	-124,463	0	0	0
55	1,25	SW2	LinStatic	-4,727	-102,55	0	0	0
55	0	STSW2	LinStatic	-42,974	35,491	0	0	0
55	0,41667	STSW2	LinStatic	-42,974	35,491	0	0	0
55	0,83333	STSW2	LinStatic	-42,974	35,491	0	0	0
55	1,25	STSW2	LinStatic	-42,974	35,491	0	0	0
55	0	FRENSW2	LinStatic	34,752	52,892	0	0	0
55	0,41667	FRENSW2	LinStatic	30,227	52,892	0	0	0
55	0,83333	FRENSW2	LinStatic	25,702	52,892	0	0	0
55	1,25	FRENSW2	LinStatic	21,177	52,892	0	0	0
55	0	SERP	LinStatic	0	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
55	0,41667	SERP	LinStatic	0	0	0	0	0
55	0,83333	SERP	LinStatic	0	0	0	0	0
55	1,25	SERP	LinStatic	0	0	0	0	0
55	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
55	0,41667	INCRTER	LinStatic	-160,328	132,41	0	0	0
55	0,83333	INCRTER	LinStatic	-160,328	132,41	0	0	0
55	1,25	INCRTER	LinStatic	-160,328	132,41	0	0	0
55	0	LM71SISO	LinStatic	12,128	18,459	0	0	0
55	0,41667	LM71SISO	LinStatic	10,549	18,459	0	0	0
55	0,83333	LM71SISO	LinStatic	8,97	18,459	0	0	0
55	1,25	LM71SISO	LinStatic	7,391	18,459	0	0	0
55	0	SW2SISO	LinStatic	10,272	15,634	0	0	0
55	0,41667	SW2SISO	LinStatic	8,935	15,634	0	0	0
55	0,83333	SW2SISO	LinStatic	7,597	15,634	0	0	0
55	1,25	SW2SISO	LinStatic	6,26	15,634	0	0	0
55	0	SISMAO	LinStatic	34,848	77,578	0	0	0
55	0,41667	SISMAO	LinStatic	30,311	77,578	0	0	0
55	0,83333	SISMAO	LinStatic	25,773	77,578	0	0	0
55	1,25	SISMAO	LinStatic	21,236	77,578	0	0	0
55	0	LM71SVA	LinStatic	0,173	6,176	0	0	0
55	0,41667	LM71SVA	LinStatic	0,173	5,372	0	0	0
55	0,83333	LM71SVA	LinStatic	0,173	4,568	0	0	0
55	1,25	LM71SVA	LinStatic	0,173	3,763	0	0	0
55	0	SW2SVA	LinStatic	0,147	5,216	0	0	0
55	0,41667	SW2SVA	LinStatic	0,147	4,537	0	0	0
55	0,83333	SW2SVA	LinStatic	0,147	3,858	0	0	0
55	1,25	SW2SVA	LinStatic	0,147	3,178	0	0	0
55	0	SISMAVA	LinStatic	-2,684	19,488	0	0	0
55	0,41667	SISMAVA	LinStatic	-2,684	16,951	0	0	0
55	0,83333	SISMAVA	LinStatic	-2,684	14,413	0	0	0
55	1,25	SISMAVA	LinStatic	-2,684	11,876	0	0	0
55	0	LM71SVB	LinStatic	-0,173	-6,176	0	0	0
55	0,41667	LM71SVB	LinStatic	-0,173	-5,372	0	0	0
55	0,83333	LM71SVB	LinStatic	-0,173	-4,568	0	0	0
55	1,25	LM71SVB	LinStatic	-0,173	-3,763	0	0	0
55	0	SW2SVB	LinStatic	-0,147	-5,216	0	0	0
55	0,41667	SW2SVB	LinStatic	-0,147	-4,537	0	0	0
55	0,83333	SW2SVB	LinStatic	-0,147	-3,858	0	0	0
55	1,25	SW2SVB	LinStatic	-0,147	-3,178	0	0	0
55	0	SISMAVB	LinStatic	2,684	-19,488	0	0	0
55	0,41667	SISMAVB	LinStatic	2,684	-16,951	0	0	0
55	0,83333	SISMAVB	LinStatic	2,684	-14,413	0	0	0
55	1,25	SISMAVB	LinStatic	2,684	-11,876	0	0	0
56	0	PP	LinStatic	18,799	-43,862	0	0	0
56	0,4875	PP	LinStatic	18,799	-32,897	0	0	0
56	0,975	PP	LinStatic	18,799	-21,931	0	0	0
56	1,4625	PP	LinStatic	18,799	-10,966	0	0	0
56	1,95	PP	LinStatic	18,799	1,073E-11	0	0	0
56	2,4375	PP	LinStatic	18,799	10,966	0	0	0
56	2,925	PP	LinStatic	18,799	21,931	0	0	0
56	3,4125	PP	LinStatic	18,799	32,897	0	0	0
56	3,9	PP	LinStatic	18,799	43,862	0	0	0
56	0	REINTSUP	LinStatic	-0,216	-4,68	0	0	0
56	0,4875	REINTSUP	LinStatic	-0,216	-3,51	0	0	0
56	0,975	REINTSUP	LinStatic	-0,216	-2,34	0	0	0
56	1,4625	REINTSUP	LinStatic	-0,216	-1,17	0	0	0
56	1,95	REINTSUP	LinStatic	-0,216	2,775E-13	0	0	0
56	2,4375	REINTSUP	LinStatic	-0,216	1,17	0	0	0
56	2,925	REINTSUP	LinStatic	-0,216	2,34	0	0	0
56	3,4125	REINTSUP	LinStatic	-0,216	3,51	0	0	0
56	3,9	REINTSUP	LinStatic	-0,216	4,68	0	0	0
56	0	BALLAST	LinStatic	-1,294	-28,08	0	0	0
56	0,4875	BALLAST	LinStatic	-1,294	-21,06	0	0	0
56	0,975	BALLAST	LinStatic	-1,294	-14,04	0	0	0
56	1,4625	BALLAST	LinStatic	-1,294	-7,02	0	0	0
56	1,95	BALLAST	LinStatic	-1,294	1,894E-12	0	0	0
56	2,4375	BALLAST	LinStatic	-1,294	7,02	0	0	0
56	2,925	BALLAST	LinStatic	-1,294	14,04	0	0	0
56	3,4125	BALLAST	LinStatic	-1,294	21,06	0	0	0
56	3,9	BALLAST	LinStatic	-1,294	28,08	0	0	0
56	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	0,4875	STERRASX	LinStatic	-89,256	66,242	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
56	0,975	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	1,4625	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	1,95	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	2,4375	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	2,925	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	3,4125	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	3,9	STERRASX	LinStatic	-89,256	66,242	0	0	0
56	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	0,4875	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	0,975	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	1,4625	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	1,95	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	2,4375	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	2,925	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	3,4125	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	3,9	STERRADX	LinStatic	-89,256	-66,242	0	0	0
56	0	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0,4875	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0,975	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	1,4625	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	1,95	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	2,4375	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	2,925	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	3,4125	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	3,9	TERMP	LinStatic	-1,739	1,364E-12	0	0	0
56	0	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0,4875	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0,975	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	1,4625	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	1,95	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	2,4375	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	2,925	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	3,4125	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	3,9	TERMN	LinStatic	5,217	-5,461E-12	0	0	0
56	0	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0,4875	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0,975	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	1,4625	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	1,95	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	2,4375	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	2,925	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	3,4125	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	3,9	GRADTP	LinStatic	8,746	1,137E-13	0	0	0
56	0	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0,4875	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0,975	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	1,4625	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	1,95	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	2,4375	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	2,925	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	3,4125	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	3,9	GRADTN	LinStatic	-8,746	-1,137E-13	0	0	0
56	0	LM71C	LinStatic	-7,589	-121,29	0	0	0
56	0,4875	LM71C	LinStatic	-7,589	-90,967	0	0	0
56	0,975	LM71C	LinStatic	-7,589	-60,645	0	0	0
56	1,4625	LM71C	LinStatic	-7,589	-30,322	0	0	0
56	1,95	LM71C	LinStatic	-7,589	5,513E-12	0	0	0
56	2,4375	LM71C	LinStatic	-7,589	30,323	0	0	0
56	2,925	LM71C	LinStatic	-7,589	60,645	0	0	0
56	3,4125	LM71C	LinStatic	-7,589	90,968	0	0	0
56	3,9	LM71C	LinStatic	-7,589	121,29	0	0	0
56	0	LM71SX	LinStatic	-6,222	-111,373	0	0	0
56	0,4875	LM71SX	LinStatic	-6,222	-81,05	0	0	0
56	0,975	LM71SX	LinStatic	-6,222	-50,728	0	0	0
56	1,4625	LM71SX	LinStatic	-6,222	-20,405	0	0	0
56	1,95	LM71SX	LinStatic	-6,222	9,917	0	0	0
56	2,4375	LM71SX	LinStatic	-6,222	40,24	0	0	0
56	2,925	LM71SX	LinStatic	-6,222	70,562	0	0	0
56	3,4125	LM71SX	LinStatic	-6,222	100,885	0	0	0
56	3,9	LM71SX	LinStatic	-6,222	131,207	0	0	0
56	0	LM71DX	LinStatic	-6,222	-131,207	0	0	0
56	0,4875	LM71DX	LinStatic	-6,222	-100,885	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
56	0,975	LM71DX	LinStatic	-6,222	-70,562	0	0	0
56	1,4625	LM71DX	LinStatic	-6,222	-40,24	0	0	0
56	1,95	LM71DX	LinStatic	-6,222	-9,917	0	0	0
56	2,4375	LM71DX	LinStatic	-6,222	20,405	0	0	0
56	2,925	LM71DX	LinStatic	-6,222	50,728	0	0	0
56	3,4125	LM71DX	LinStatic	-6,222	81,05	0	0	0
56	3,9	LM71DX	LinStatic	-6,222	111,373	0	0	0
56	0	STLM71	LinStatic	-25,207	20,818	0	0	0
56	0,4875	STLM71	LinStatic	-25,207	20,818	0	0	0
56	0,975	STLM71	LinStatic	-25,207	20,818	0	0	0
56	1,4625	STLM71	LinStatic	-25,207	20,818	0	0	0
56	1,95	STLM71	LinStatic	-25,207	20,818	0	0	0
56	2,4375	STLM71	LinStatic	-25,207	20,818	0	0	0
56	2,925	STLM71	LinStatic	-25,207	20,818	0	0	0
56	3,4125	STLM71	LinStatic	-25,207	20,818	0	0	0
56	3,9	STLM71	LinStatic	-25,207	20,818	0	0	0
56	0	AVVLM71	LinStatic	19,968	49,872	0	0	0
56	0,4875	AVVLM71	LinStatic	14,976	49,872	0	0	0
56	0,975	AVVLM71	LinStatic	9,984	49,872	0	0	0
56	1,4625	AVVLM71	LinStatic	4,992	49,872	0	0	0
56	1,95	AVVLM71	LinStatic	2,263E-10	49,872	0	0	0
56	2,4375	AVVLM71	LinStatic	-4,992	49,872	0	0	0
56	2,925	AVVLM71	LinStatic	-9,984	49,872	0	0	0
56	3,4125	AVVLM71	LinStatic	-14,976	49,872	0	0	0
56	3,9	AVVLM71	LinStatic	-19,968	49,872	0	0	0
56	0	SW2	LinStatic	-4,727	-102,55	0	0	0
56	0,4875	SW2	LinStatic	-4,727	-76,913	0	0	0
56	0,975	SW2	LinStatic	-4,727	-51,275	0	0	0
56	1,4625	SW2	LinStatic	-4,727	-25,638	0	0	0
56	1,95	SW2	LinStatic	-4,727	7,007E-12	0	0	0
56	2,4375	SW2	LinStatic	-4,727	25,638	0	0	0
56	2,925	SW2	LinStatic	-4,727	51,275	0	0	0
56	3,4125	SW2	LinStatic	-4,727	76,913	0	0	0
56	3,9	SW2	LinStatic	-4,727	102,551	0	0	0
56	0	STSW2	LinStatic	-42,974	35,491	0	0	0
56	0,4875	STSW2	LinStatic	-42,974	35,491	0	0	0
56	0,975	STSW2	LinStatic	-42,974	35,491	0	0	0
56	1,4625	STSW2	LinStatic	-42,974	35,491	0	0	0
56	1,95	STSW2	LinStatic	-42,974	35,491	0	0	0
56	2,4375	STSW2	LinStatic	-42,974	35,491	0	0	0
56	2,925	STSW2	LinStatic	-42,974	35,491	0	0	0
56	3,4125	STSW2	LinStatic	-42,974	35,491	0	0	0
56	3,9	STSW2	LinStatic	-42,974	35,491	0	0	0
56	0	FRENSW2	LinStatic	21,177	52,892	0	0	0
56	0,4875	FRENSW2	LinStatic	15,883	52,892	0	0	0
56	0,975	FRENSW2	LinStatic	10,589	52,892	0	0	0
56	1,4625	FRENSW2	LinStatic	5,294	52,892	0	0	0
56	1,95	FRENSW2	LinStatic	2,58E-10	52,892	0	0	0
56	2,4375	FRENSW2	LinStatic	-5,294	52,892	0	0	0
56	2,925	FRENSW2	LinStatic	-10,588	52,892	0	0	0
56	3,4125	FRENSW2	LinStatic	-15,883	52,892	0	0	0
56	3,9	FRENSW2	LinStatic	-21,177	52,892	0	0	0
56	0	SERP	LinStatic	0	0	0	0	0
56	0,4875	SERP	LinStatic	0	0	0	0	0
56	0,975	SERP	LinStatic	0	0	0	0	0
56	1,4625	SERP	LinStatic	0	0	0	0	0
56	1,95	SERP	LinStatic	0	0	0	0	0
56	2,4375	SERP	LinStatic	0	0	0	0	0
56	2,925	SERP	LinStatic	0	0	0	0	0
56	3,4125	SERP	LinStatic	0	0	0	0	0
56	3,9	SERP	LinStatic	0	0	0	0	0
56	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	0,4875	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	0,975	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	1,4625	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	1,95	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	2,4375	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	2,925	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	3,4125	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	3,9	INCRTER	LinStatic	-160,328	132,41	0	0	0
56	0	LM71SISO	LinStatic	7,391	18,459	0	0	0
56	0,4875	LM71SISO	LinStatic	5,543	18,459	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
56	0,975	LM71SISO	LinStatic	3,695	18,459	0	0	0
56	1,4625	LM71SISO	LinStatic	1,848	18,459	0	0	0
56	1,95	LM71SISO	LinStatic	9,593E-11	18,459	0	0	0
56	2,4375	LM71SISO	LinStatic	-1,848	18,459	0	0	0
56	2,925	LM71SISO	LinStatic	-3,695	18,459	0	0	0
56	3,4125	LM71SISO	LinStatic	-5,543	18,459	0	0	0
56	3,9	LM71SISO	LinStatic	-7,39	18,459	0	0	0
56	0	SW2SISO	LinStatic	6,26	15,634	0	0	0
56	0,4875	SW2SISO	LinStatic	4,695	15,634	0	0	0
56	0,975	SW2SISO	LinStatic	3,13	15,634	0	0	0
56	1,4625	SW2SISO	LinStatic	1,565	15,634	0	0	0
56	1,95	SW2SISO	LinStatic	4,377E-11	15,634	0	0	0
56	2,4375	SW2SISO	LinStatic	-1,565	15,634	0	0	0
56	2,925	SW2SISO	LinStatic	-3,13	15,634	0	0	0
56	3,4125	SW2SISO	LinStatic	-4,695	15,634	0	0	0
56	3,9	SW2SISO	LinStatic	-6,259	15,634	0	0	0
56	0	SISMAO	LinStatic	21,236	77,578	0	0	0
56	0,4875	SISMAO	LinStatic	15,927	77,578	0	0	0
56	0,975	SISMAO	LinStatic	10,618	77,578	0	0	0
56	1,4625	SISMAO	LinStatic	5,309	77,578	0	0	0
56	1,95	SISMAO	LinStatic	4,172E-10	77,578	0	0	0
56	2,4375	SISMAO	LinStatic	-5,309	77,578	0	0	0
56	2,925	SISMAO	LinStatic	-10,618	77,578	0	0	0
56	3,4125	SISMAO	LinStatic	-15,927	77,578	0	0	0
56	3,9	SISMAO	LinStatic	-21,235	77,578	0	0	0
56	0	LM71SVA	LinStatic	0,173	3,763	0	0	0
56	0,4875	LM71SVA	LinStatic	0,173	2,823	0	0	0
56	0,975	LM71SVA	LinStatic	0,173	1,882	0	0	0
56	1,4625	LM71SVA	LinStatic	0,173	0,941	0	0	0
56	1,95	LM71SVA	LinStatic	0,173	-2,343E-13	0	0	0
56	2,4375	LM71SVA	LinStatic	0,173	-0,941	0	0	0
56	2,925	LM71SVA	LinStatic	0,173	-1,882	0	0	0
56	3,4125	LM71SVA	LinStatic	0,173	-2,823	0	0	0
56	3,9	LM71SVA	LinStatic	0,173	-3,764	0	0	0
56	0	SW2SVA	LinStatic	0,147	3,178	0	0	0
56	0,4875	SW2SVA	LinStatic	0,147	2,384	0	0	0
56	0,975	SW2SVA	LinStatic	0,147	1,589	0	0	0
56	1,4625	SW2SVA	LinStatic	0,147	0,795	0	0	0
56	1,95	SW2SVA	LinStatic	0,147	-1,85E-13	0	0	0
56	2,4375	SW2SVA	LinStatic	0,147	-0,795	0	0	0
56	2,925	SW2SVA	LinStatic	0,147	-1,589	0	0	0
56	3,4125	SW2SVA	LinStatic	0,147	-2,384	0	0	0
56	3,9	SW2SVA	LinStatic	0,147	-3,179	0	0	0
56	0	SISMAVA	LinStatic	-2,684	11,875	0	0	0
56	0,4875	SISMAVA	LinStatic	-2,684	8,907	0	0	0
56	0,975	SISMAVA	LinStatic	-2,684	5,938	0	0	0
56	1,4625	SISMAVA	LinStatic	-2,684	2,969	0	0	0
56	1,95	SISMAVA	LinStatic	-2,684	-1,946E-12	0	0	0
56	2,4375	SISMAVA	LinStatic	-2,684	-2,969	0	0	0
56	2,925	SISMAVA	LinStatic	-2,684	-5,938	0	0	0
56	3,4125	SISMAVA	LinStatic	-2,684	-8,907	0	0	0
56	3,9	SISMAVA	LinStatic	-2,684	-11,876	0	0	0
56	0	LM71SVB	LinStatic	-0,173	-3,763	0	0	0
56	0,4875	LM71SVB	LinStatic	-0,173	-2,823	0	0	0
56	0,975	LM71SVB	LinStatic	-0,173	-1,882	0	0	0
56	1,4625	LM71SVB	LinStatic	-0,173	-0,941	0	0	0
56	1,95	LM71SVB	LinStatic	-0,173	2,343E-13	0	0	0
56	2,4375	LM71SVB	LinStatic	-0,173	0,941	0	0	0
56	2,925	LM71SVB	LinStatic	-0,173	1,882	0	0	0
56	3,4125	LM71SVB	LinStatic	-0,173	2,823	0	0	0
56	3,9	LM71SVB	LinStatic	-0,173	3,764	0	0	0
56	0	SW2SVB	LinStatic	-0,147	-3,178	0	0	0
56	0,4875	SW2SVB	LinStatic	-0,147	-2,384	0	0	0
56	0,975	SW2SVB	LinStatic	-0,147	-1,589	0	0	0
56	1,4625	SW2SVB	LinStatic	-0,147	-0,795	0	0	0
56	1,95	SW2SVB	LinStatic	-0,147	1,85E-13	0	0	0
56	2,4375	SW2SVB	LinStatic	-0,147	0,795	0	0	0
56	2,925	SW2SVB	LinStatic	-0,147	1,589	0	0	0
56	3,4125	SW2SVB	LinStatic	-0,147	2,384	0	0	0
56	3,9	SW2SVB	LinStatic	-0,147	3,179	0	0	0
56	0	SISMAVB	LinStatic	2,684	-11,875	0	0	0
56	0,4875	SISMAVB	LinStatic	2,684	-8,907	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
56	0,975	SISMAVB	LinStatic	2,684	-5,938	0	0	0
56	1,4625	SISMAVB	LinStatic	2,684	-2,969	0	0	0
56	1,95	SISMAVB	LinStatic	2,684	1,946E-12	0	0	0
56	2,4375	SISMAVB	LinStatic	2,684	2,969	0	0	0
56	2,925	SISMAVB	LinStatic	2,684	5,938	0	0	0
56	3,4125	SISMAVB	LinStatic	2,684	8,907	0	0	0
56	3,9	SISMAVB	LinStatic	2,684	11,876	0	0	0
57	0	PP	LinStatic	18,799	43,862	0	0	0
57	0,41667	PP	LinStatic	18,799	53,234	0	0	0
57	0,83333	PP	LinStatic	18,799	62,607	0	0	0
57	1,25	PP	LinStatic	18,799	71,979	0	0	0
57	0	REINTSUP	LinStatic	-0,216	4,68	0	0	0
57	0,41667	REINTSUP	LinStatic	-0,216	5,68	0	0	0
57	0,83333	REINTSUP	LinStatic	-0,216	6,68	0	0	0
57	1,25	REINTSUP	LinStatic	-0,216	7,68	0	0	0
57	0	BALLAST	LinStatic	-1,294	28,08	0	0	0
57	0,41667	BALLAST	LinStatic	-1,294	34,08	0	0	0
57	0,83333	BALLAST	LinStatic	-1,294	40,08	0	0	0
57	1,25	BALLAST	LinStatic	-1,294	46,08	0	0	0
57	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
57	0,41667	STERRASX	LinStatic	-89,256	66,242	0	0	0
57	0,83333	STERRASX	LinStatic	-89,256	66,242	0	0	0
57	1,25	STERRASX	LinStatic	-89,256	66,242	0	0	0
57	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
57	0,41667	STERRADX	LinStatic	-89,256	-66,242	0	0	0
57	0,83333	STERRADX	LinStatic	-89,256	-66,242	0	0	0
57	1,25	STERRADX	LinStatic	-89,256	-66,242	0	0	0
57	0	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0,41667	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0,83333	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	1,25	TERMP	LinStatic	-1,739	1,371E-12	0	0	0
57	0	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0,41667	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0,83333	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	1,25	TERMN	LinStatic	5,217	-5,471E-12	0	0	0
57	0	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0,41667	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0,83333	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	1,25	GRADTP	LinStatic	8,746	-1,137E-13	0	0	0
57	0	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0,41667	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0,83333	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	1,25	GRADTN	LinStatic	-8,746	1,137E-13	0	0	0
57	0	LM71C	LinStatic	-7,589	121,29	0	0	0
57	0,41667	LM71C	LinStatic	-7,589	147,207	0	0	0
57	0,83333	LM71C	LinStatic	-7,589	173,123	0	0	0
57	1,25	LM71C	LinStatic	-7,589	199,04	0	0	0
57	0	LM71SX	LinStatic	-6,222	131,207	0	0	0
57	0,41667	LM71SX	LinStatic	-6,222	144,061	0	0	0
57	0,83333	LM71SX	LinStatic	-6,222	156,916	0	0	0
57	1,25	LM71SX	LinStatic	-6,222	169,77	0	0	0
57	0	LM71DX	LinStatic	-6,222	111,373	0	0	0
57	0,41667	LM71DX	LinStatic	-6,222	137,289	0	0	0
57	0,83333	LM71DX	LinStatic	-6,222	163,206	0	0	0
57	1,25	LM71DX	LinStatic	-6,222	189,123	0	0	0
57	0	STLM71	LinStatic	-25,207	20,818	0	0	0
57	0,41667	STLM71	LinStatic	-25,207	20,818	0	0	0
57	0,83333	STLM71	LinStatic	-25,207	20,818	0	0	0
57	1,25	STLM71	LinStatic	-25,207	20,818	0	0	0
57	0	AVVLM71	LinStatic	-19,968	49,872	0	0	0
57	0,41667	AVVLM71	LinStatic	-24,235	49,872	0	0	0
57	0,83333	AVVLM71	LinStatic	-28,501	49,872	0	0	0
57	1,25	AVVLM71	LinStatic	-32,768	49,872	0	0	0
57	0	SW2	LinStatic	-4,727	102,551	0	0	0
57	0,41667	SW2	LinStatic	-4,727	124,463	0	0	0
57	0,83333	SW2	LinStatic	-4,727	146,376	0	0	0
57	1,25	SW2	LinStatic	-4,727	168,288	0	0	0
57	0	STSW2	LinStatic	-42,974	35,491	0	0	0
57	0,41667	STSW2	LinStatic	-42,974	35,491	0	0	0
57	0,83333	STSW2	LinStatic	-42,974	35,491	0	0	0
57	1,25	STSW2	LinStatic	-42,974	35,491	0	0	0
57	0	FRENSW2	LinStatic	-21,177	52,892	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
57	0,41667	FRENSW2	LinStatic	-25,702	52,892	0	0	0
57	0,83333	FRENSW2	LinStatic	-30,227	52,892	0	0	0
57	1,25	FRENSW2	LinStatic	-34,752	52,892	0	0	0
57	0	SERP	LinStatic	0	0	0	0	0
57	0,41667	SERP	LinStatic	0	0	0	0	0
57	0,83333	SERP	LinStatic	0	0	0	0	0
57	1,25	SERP	LinStatic	0	0	0	0	0
57	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
57	0,41667	INCRTER	LinStatic	-160,328	132,41	0	0	0
57	0,83333	INCRTER	LinStatic	-160,328	132,41	0	0	0
57	1,25	INCRTER	LinStatic	-160,328	132,41	0	0	0
57	0	LM71SISO	LinStatic	-7,39	18,459	0	0	0
57	0,41667	LM71SISO	LinStatic	-8,97	18,459	0	0	0
57	0,83333	LM71SISO	LinStatic	-10,549	18,459	0	0	0
57	1,25	LM71SISO	LinStatic	-12,128	18,459	0	0	0
57	0	SW2SISO	LinStatic	-6,259	15,634	0	0	0
57	0,41667	SW2SISO	LinStatic	-7,597	15,634	0	0	0
57	0,83333	SW2SISO	LinStatic	-8,934	15,634	0	0	0
57	1,25	SW2SISO	LinStatic	-10,272	15,634	0	0	0
57	0	SISMAO	LinStatic	-21,235	77,578	0	0	0
57	0,41667	SISMAO	LinStatic	-25,773	77,578	0	0	0
57	0,83333	SISMAO	LinStatic	-30,31	77,578	0	0	0
57	1,25	SISMAO	LinStatic	-34,848	77,578	0	0	0
57	0	LM71SVA	LinStatic	0,173	-3,764	0	0	0
57	0,41667	LM71SVA	LinStatic	0,173	-4,568	0	0	0
57	0,83333	LM71SVA	LinStatic	0,173	-5,372	0	0	0
57	1,25	LM71SVA	LinStatic	0,173	-6,176	0	0	0
57	0	SW2SVA	LinStatic	0,147	-3,179	0	0	0
57	0,41667	SW2SVA	LinStatic	0,147	-3,858	0	0	0
57	0,83333	SW2SVA	LinStatic	0,147	-4,537	0	0	0
57	1,25	SW2SVA	LinStatic	0,147	-5,216	0	0	0
57	0	SISMAVA	LinStatic	-2,684	-11,876	0	0	0
57	0,41667	SISMAVA	LinStatic	-2,684	-14,413	0	0	0
57	0,83333	SISMAVA	LinStatic	-2,684	-16,951	0	0	0
57	1,25	SISMAVA	LinStatic	-2,684	-19,488	0	0	0
57	0	LM71SVB	LinStatic	-0,173	3,764	0	0	0
57	0,41667	LM71SVB	LinStatic	-0,173	4,568	0	0	0
57	0,83333	LM71SVB	LinStatic	-0,173	5,372	0	0	0
57	1,25	LM71SVB	LinStatic	-0,173	6,176	0	0	0
57	0	SW2SVB	LinStatic	-0,147	3,179	0	0	0
57	0,41667	SW2SVB	LinStatic	-0,147	3,858	0	0	0
57	0,83333	SW2SVB	LinStatic	-0,147	4,537	0	0	0
57	1,25	SW2SVB	LinStatic	-0,147	5,216	0	0	0
57	0	SISMAVB	LinStatic	2,684	11,876	0	0	0
57	0,41667	SISMAVB	LinStatic	2,684	14,413	0	0	0
57	0,83333	SISMAVB	LinStatic	2,684	16,951	0	0	0
57	1,25	SISMAVB	LinStatic	2,684	19,488	0	0	0
58	0	PP	LinStatic	18,799	71,979	0	0	0
58	0,4	PP	LinStatic	18,799	80,976	0	0	0
58	0,8	PP	LinStatic	18,799	89,973	0	0	0
58	0	REINTSUP	LinStatic	-0,216	7,68	0	0	0
58	0,4	REINTSUP	LinStatic	-0,216	8,64	0	0	0
58	0,8	REINTSUP	LinStatic	-0,216	9,6	0	0	0
58	0	BALLAST	LinStatic	-1,294	46,08	0	0	0
58	0,4	BALLAST	LinStatic	-1,294	51,84	0	0	0
58	0,8	BALLAST	LinStatic	-1,294	57,6	0	0	0
58	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
58	0,4	STERRASX	LinStatic	-89,256	66,242	0	0	0
58	0,8	STERRASX	LinStatic	-89,256	66,242	0	0	0
58	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
58	0,4	STERRADX	LinStatic	-89,256	-66,242	0	0	0
58	0,8	STERRADX	LinStatic	-89,256	-66,242	0	0	0
58	0	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0,4	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0,8	TERMP	LinStatic	-1,739	1,393E-12	0	0	0
58	0	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0,4	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0,8	TERMN	LinStatic	5,217	-5,485E-12	0	0	0
58	0	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0,4	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0,8	GRADTP	LinStatic	8,746	2,274E-13	0	0	0
58	0	GRADTN	LinStatic	-8,746	-2,274E-13	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
58	0,4	GRADTN	LinStatic	-8,746	-2,274E-13	0	0	0
58	0,8	GRADTN	LinStatic	-8,746	-2,274E-13	0	0	0
58	0	LM71C	LinStatic	-7,589	199,04	0	0	0
58	0,4	LM71C	LinStatic	-7,589	211,38	0	0	0
58	0,8	LM71C	LinStatic	-7,589	223,72	0	0	0
58	0	LM71SX	LinStatic	-6,222	169,77	0	0	0
58	0,4	LM71SX	LinStatic	-6,222	182,11	0	0	0
58	0,8	LM71SX	LinStatic	-6,222	194,45	0	0	0
58	0	LM71DX	LinStatic	-6,222	189,123	0	0	0
58	0,4	LM71DX	LinStatic	-6,222	214,003	0	0	0
58	0,8	LM71DX	LinStatic	-6,222	238,883	0	0	0
58	0	STLM71	LinStatic	-25,207	20,818	0	0	0
58	0,4	STLM71	LinStatic	-25,207	20,818	0	0	0
58	0,8	STLM71	LinStatic	-25,207	20,818	0	0	0
58	0	AVVLM71	LinStatic	-32,768	49,872	0	0	0
58	0,4	AVVLM71	LinStatic	-36,864	49,872	0	0	0
58	0,8	AVVLM71	LinStatic	-40,96	49,872	0	0	0
58	0	SW2	LinStatic	-4,727	168,288	0	0	0
58	0,4	SW2	LinStatic	-4,727	189,324	0	0	0
58	0,8	SW2	LinStatic	-4,727	210,36	0	0	0
58	0	STSW2	LinStatic	-42,974	35,491	0	0	0
58	0,4	STSW2	LinStatic	-42,974	35,491	0	0	0
58	0,8	STSW2	LinStatic	-42,974	35,491	0	0	0
58	0	FRENSW2	LinStatic	-34,752	52,892	0	0	0
58	0,4	FRENSW2	LinStatic	-39,096	52,892	0	0	0
58	0,8	FRENSW2	LinStatic	-43,44	52,892	0	0	0
58	0	SERP	LinStatic	0	0	0	0	0
58	0,4	SERP	LinStatic	0	0	0	0	0
58	0,8	SERP	LinStatic	0	0	0	0	0
58	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
58	0,4	INCRTER	LinStatic	-160,328	132,41	0	0	0
58	0,8	INCRTER	LinStatic	-160,328	132,41	0	0	0
58	0	LM71SISO	LinStatic	-12,128	18,459	0	0	0
58	0,4	LM71SISO	LinStatic	-13,644	18,459	0	0	0
58	0,8	LM71SISO	LinStatic	-15,16	18,459	0	0	0
58	0	SW2SISO	LinStatic	-10,272	15,634	0	0	0
58	0,4	SW2SISO	LinStatic	-11,556	15,634	0	0	0
58	0,8	SW2SISO	LinStatic	-12,84	15,634	0	0	0
58	0	SISMAO	LinStatic	-34,848	77,578	0	0	0
58	0,4	SISMAO	LinStatic	-39,204	77,578	0	0	0
58	0,8	SISMAO	LinStatic	-43,56	77,578	0	0	0
58	0	LM71SVA	LinStatic	0,173	-6,176	0	0	0
58	0,4	LM71SVA	LinStatic	0,173	-6,948	0	0	0
58	0,8	LM71SVA	LinStatic	0,173	-7,72	0	0	0
58	0	SW2SVA	LinStatic	0,147	-5,216	0	0	0
58	0,4	SW2SVA	LinStatic	0,147	-5,868	0	0	0
58	0,8	SW2SVA	LinStatic	0,147	-6,52	0	0	0
58	0	SISMAVA	LinStatic	-2,684	-19,488	0	0	0
58	0,4	SISMAVA	LinStatic	-2,684	-21,924	0	0	0
58	0,8	SISMAVA	LinStatic	-2,684	-24,36	0	0	0
58	0	LM71SVB	LinStatic	-0,173	6,176	0	0	0
58	0,4	LM71SVB	LinStatic	-0,173	6,948	0	0	0
58	0,8	LM71SVB	LinStatic	-0,173	7,72	0	0	0
58	0	SW2SVB	LinStatic	-0,147	5,216	0	0	0
58	0,4	SW2SVB	LinStatic	-0,147	5,868	0	0	0
58	0,8	SW2SVB	LinStatic	-0,147	6,52	0	0	0
58	0	SISMAVB	LinStatic	2,684	19,488	0	0	0
58	0,4	SISMAVB	LinStatic	2,684	21,924	0	0	0
58	0,8	SISMAVB	LinStatic	2,684	24,36	0	0	0
59	0	PP	LinStatic	18,799	89,973	0	0	0
59	0,225	PP	LinStatic	18,799	95,034	0	0	0
59	0	REINTSUP	LinStatic	-0,216	9,6	0	0	0
59	0,225	REINTSUP	LinStatic	-0,216	10,14	0	0	0
59	0	BALLAST	LinStatic	-1,294	57,6	0	0	0
59	0,225	BALLAST	LinStatic	-1,294	60,84	0	0	0
59	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
59	0,225	STERRASX	LinStatic	-89,256	66,242	0	0	0
59	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
59	0,225	STERRADX	LinStatic	-89,256	-66,242	0	0	0
59	0	TERMP	LinStatic	-1,739	1,137E-12	0	0	0
59	0,225	TERMP	LinStatic	-1,739	1,137E-12	0	0	0
59	0	TERMN	LinStatic	5,217	-4,547E-12	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
59	0,225	TERMN	LinStatic	5,217	-4,547E-12	0	0	0
59	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
59	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
59	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
59	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
59	0	LM71C	LinStatic	-7,589	223,72	0	0	0
59	0,225	LM71C	LinStatic	-7,589	230,661	0	0	0
59	0	LM71SX	LinStatic	-6,222	194,45	0	0	0
59	0,225	LM71SX	LinStatic	-6,222	201,391	0	0	0
59	0	LM71DX	LinStatic	-6,222	238,883	0	0	0
59	0,225	LM71DX	LinStatic	-6,222	252,878	0	0	0
59	0	STLM71	LinStatic	-25,207	20,818	0	0	0
59	0,225	STLM71	LinStatic	-25,207	20,818	0	0	0
59	0	AVVLM71	LinStatic	-40,96	49,872	0	0	0
59	0,225	AVVLM71	LinStatic	-43,264	49,872	0	0	0
59	0	SW2	LinStatic	-4,727	210,36	0	0	0
59	0,225	SW2	LinStatic	-4,727	222,193	0	0	0
59	0	STSW2	LinStatic	-42,974	35,491	0	0	0
59	0,225	STSW2	LinStatic	-42,974	35,491	0	0	0
59	0	FRENSW2	LinStatic	-43,44	52,892	0	0	0
59	0,225	FRENSW2	LinStatic	-45,884	52,892	0	0	0
59	0	SERP	LinStatic	0	0	0	0	0
59	0,225	SERP	LinStatic	0	0	0	0	0
59	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
59	0,225	INCRTER	LinStatic	-160,328	132,41	0	0	0
59	0	LM71SISO	LinStatic	-15,16	18,459	0	0	0
59	0,225	LM71SISO	LinStatic	-16,013	18,459	0	0	0
59	0	SW2SISO	LinStatic	-12,84	15,634	0	0	0
59	0,225	SW2SISO	LinStatic	-13,562	15,634	0	0	0
59	0	SISMAO	LinStatic	-43,56	77,578	0	0	0
59	0,225	SISMAO	LinStatic	-46,01	77,578	0	0	0
59	0	LM71SVA	LinStatic	0,173	-7,72	0	0	0
59	0,225	LM71SVA	LinStatic	0,173	-8,154	0	0	0
59	0	SW2SVA	LinStatic	0,147	-6,52	0	0	0
59	0,225	SW2SVA	LinStatic	0,147	-6,887	0	0	0
59	0	SISMAVA	LinStatic	-2,684	-24,36	0	0	0
59	0,225	SISMAVA	LinStatic	-2,684	-25,73	0	0	0
59	0	LM71SVB	LinStatic	-0,173	7,72	0	0	0
59	0,225	LM71SVB	LinStatic	-0,173	8,154	0	0	0
59	0	SW2SVB	LinStatic	-0,147	6,52	0	0	0
59	0,225	SW2SVB	LinStatic	-0,147	6,887	0	0	0
59	0	SISMAVB	LinStatic	2,684	24,36	0	0	0
59	0,225	SISMAVB	LinStatic	2,684	25,73	0	0	0
60	0	PP	LinStatic	18,799	95,034	0	0	0
60	0,225	PP	LinStatic	18,799	100,095	0	0	0
60	0	REINTSUP	LinStatic	-0,216	10,14	0	0	0
60	0,225	REINTSUP	LinStatic	-0,216	10,68	0	0	0
60	0	BALLAST	LinStatic	-1,294	60,84	0	0	0
60	0,225	BALLAST	LinStatic	-1,294	64,08	0	0	0
60	0	STERRASX	LinStatic	-89,256	66,242	0	0	0
60	0,225	STERRASX	LinStatic	-89,256	66,242	0	0	0
60	0	STERRADX	LinStatic	-89,256	-66,242	0	0	0
60	0,225	STERRADX	LinStatic	-89,256	-66,242	0	0	0
60	0	TERMP	LinStatic	-1,739	1,251E-12	0	0	0
60	0,225	TERMP	LinStatic	-1,739	1,251E-12	0	0	0
60	0	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
60	0,225	TERMN	LinStatic	5,217	-5,002E-12	0	0	0
60	0	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
60	0,225	GRADTP	LinStatic	8,746	9,095E-13	0	0	0
60	0	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
60	0,225	GRADTN	LinStatic	-8,746	-9,095E-13	0	0	0
60	0	LM71C	LinStatic	-7,589	230,661	0	0	0
60	0,225	LM71C	LinStatic	-7,589	237,602	0	0	0
60	0	LM71SX	LinStatic	-6,222	201,391	0	0	0
60	0,225	LM71SX	LinStatic	-6,222	208,332	0	0	0
60	0	LM71DX	LinStatic	-6,222	252,878	0	0	0
60	0,225	LM71DX	LinStatic	-6,222	266,873	0	0	0
60	0	STLM71	LinStatic	-25,207	20,818	0	0	0
60	0,225	STLM71	LinStatic	-25,207	20,818	0	0	0
60	0	AVVLM71	LinStatic	-43,264	49,872	0	0	0
60	0,225	AVVLM71	LinStatic	-45,568	49,872	0	0	0
60	0	SW2	LinStatic	-4,727	222,193	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
60	0,225	SW2	LinStatic	-4,727	234,025	0	0	0
60	0	STSW2	LinStatic	-42,974	35,491	0	0	0
60	0,225	STSW2	LinStatic	-42,974	35,491	0	0	0
60	0	FRENSW2	LinStatic	-45,884	52,892	0	0	0
60	0,225	FRENSW2	LinStatic	-48,327	52,892	0	0	0
60	0	SERP	LinStatic	0	0	0	0	0
60	0,225	SERP	LinStatic	0	0	0	0	0
60	0	INCRTER	LinStatic	-160,328	132,41	0	0	0
60	0,225	INCRTER	LinStatic	-160,328	132,41	0	0	0
60	0	LM71SISO	LinStatic	-16,013	18,459	0	0	0
60	0,225	LM71SISO	LinStatic	-16,866	18,459	0	0	0
60	0	SW2SISO	LinStatic	-13,562	15,634	0	0	0
60	0,225	SW2SISO	LinStatic	-14,285	15,634	0	0	0
60	0	SISMAO	LinStatic	-46,01	77,578	0	0	0
60	0,225	SISMAO	LinStatic	-48,46	77,578	0	0	0
60	0	LM71SVA	LinStatic	0,173	-8,154	0	0	0
60	0,225	LM71SVA	LinStatic	0,173	-8,588	0	0	0
60	0	SW2SVA	LinStatic	0,147	-6,887	0	0	0
60	0,225	SW2SVA	LinStatic	0,147	-7,253	0	0	0
60	0	SISMAVA	LinStatic	-2,684	-25,73	0	0	0
60	0,225	SISMAVA	LinStatic	-2,684	-27,1	0	0	0
60	0	LM71SVB	LinStatic	-0,173	8,154	0	0	0
60	0,225	LM71SVB	LinStatic	-0,173	8,588	0	0	0
60	0	SW2SVB	LinStatic	-0,147	6,887	0	0	0
60	0,225	SW2SVB	LinStatic	-0,147	7,253	0	0	0
60	0	SISMAVB	LinStatic	2,684	25,73	0	0	0
60	0,225	SISMAVB	LinStatic	2,684	27,1	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	222,7126	1-1	0
1	0,225	PP	152,7696	1-1	0,225
1	0	REINTSUP	5,8173	1-1	0
1	0,225	REINTSUP	3,4791	1-1	0,225
1	0	BALLAST	34,9036	1-1	0
1	0,225	BALLAST	20,8744	1-1	0,225
1	0	STERRASX	762,243	1-1	0
1	0,225	STERRASX	773,5443	1-1	0,225
1	0	STERRADX	-480,3809	1-1	0
1	0,225	STERRADX	-491,7652	1-1	0,225
1	0	TERMP	-9,0891	1-1	0
1	0,225	TERMP	-9,0864	1-1	0,225
1	0	TERMN	27,2672	1-1	0
1	0,225	TERMN	27,2592	1-1	0,225
1	0	GRADTP	16,8983	1-1	0
1	0,225	GRADTP	16,8934	1-1	0,225
1	0	GRADTN	-16,8983	1-1	0
1	0,225	GRADTN	-16,8934	1-1	0,225
1	0	LM71C	124,0289	1-1	0
1	0,225	LM71C	72,0113	1-1	0,225
1	0	LM71SX	131,5236	1-1	0
1	0,225	LM71SX	73,4017	1-1	0,225
1	0	LM71DX	121,8189	1-1	0
1	0,225	LM71DX	75,9042	1-1	0,225
1	0	STLM71	184,9452	1-1	0
1	0,225	STLM71	188,6454	1-1	0,225
1	0	AVVLM71	222,3573	1-1	0
1	0,225	AVVLM71	231,8558	1-1	0,225
1	0	SW2	127,471	1-1	0
1	0,225	SW2	76,235	1-1	0,225
1	0	STSW2	315,2991	1-1	0
1	0,225	STSW2	321,6074	1-1	0,225
1	0	FRENSW2	235,8204	1-1	0
1	0,225	FRENSW2	245,894	1-1	0,225
1	0	SERP	0	1-1	0
1	0,225	SERP	0	1-1	0,225
1	0	INCRTER	1176,3352	1-1	0
1	0,225	INCRTER	1199,8704	1-1	0,225
1	0	LM71SISO	82,2983	1-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0,225	LM71SISO	85,8138	1-1	0,225
1	0	SW2SISO	69,7038	1-1	0
1	0,225	SW2SISO	72,6814	1-1	0,225
1	0	SISMAO	423,3879	1-1	0
1	0,225	SISMAO	437,8604	1-1	0,225
1	0	LM71SVA	-4,6781	1-1	0
1	0,225	LM71SVA	-2,7977	1-1	0,225
1	0	SW2SVA	-3,9509	1-1	0
1	0,225	SW2SVA	-2,3629	1-1	0,225
1	0	SISMAVA	-40,8684	1-1	0
1	0,225	SISMAVA	-27,4832	1-1	0,225
1	0	LM71SVB	4,6781	1-1	0
1	0,225	LM71SVB	2,7977	1-1	0,225
1	0	SW2SVB	3,9509	1-1	0
1	0,225	SW2SVB	2,3629	1-1	0,225
1	0	SISMAVB	40,8684	1-1	0
1	0,225	SISMAVB	27,4832	1-1	0,225
2	0	PP	152,7696	2-1	0
2	0,225	PP	86,649	2-1	0,225
2	0	REINTSUP	3,4791	2-1	0
2	0,225	REINTSUP	1,2695	2-1	0,225
2	0	BALLAST	20,8744	2-1	0
2	0,225	BALLAST	7,6169	2-1	0,225
2	0	STERRASX	773,5443	2-1	0
2	0,225	STERRASX	778,0353	2-1	0,225
2	0	STERRADX	-491,7652	2-1	0
2	0,225	STERRADX	-496,4804	2-1	0,225
2	0	TERMP	-9,0864	2-1	0
2	0,225	TERMP	-9,0792	2-1	0,225
2	0	TERMN	27,2592	2-1	0
2	0,225	TERMN	27,2375	2-1	0,225
2	0	GRADTP	16,8934	2-1	0
2	0,225	GRADTP	16,8799	2-1	0,225
2	0	GRADTN	-16,8934	2-1	0
2	0,225	GRADTN	-16,8799	2-1	0,225
2	0	LM71C	72,0113	2-1	0
2	0,225	LM71C	22,858	2-1	0,225
2	0	LM71SX	73,4017	2-1	0
2	0,225	LM71SX	19,0576	2-1	0,225
2	0	LM71DX	75,9042	2-1	0
2	0,225	LM71DX	31,9375	2-1	0,225
2	0	STLM71	188,6454	2-1	0
2	0,225	STLM71	190,4854	2-1	0,225
2	0	AVVLM71	231,8558	2-1	0
2	0,225	AVVLM71	238,0925	2-1	0,225
2	0	SW2	76,235	2-1	0
2	0,225	SW2	27,8175	2-1	0,225
2	0	STSW2	321,6074	2-1	0
2	0,225	STSW2	324,7442	2-1	0,225
2	0	FRENSW2	245,894	2-1	0
2	0,225	FRENSW2	252,5082	2-1	0,225
2	0	SERP	0	2-1	0
2	0,225	SERP	0	2-1	0,225
2	0	INCRTER	1199,8704	2-1	0
2	0,225	INCRTER	1211,5734	2-1	0,225
2	0	LM71SISO	85,8138	2-1	0
2	0,225	LM71SISO	88,1221	2-1	0,225
2	0	SW2SISO	72,6814	2-1	0
2	0,225	SW2SISO	74,6364	2-1	0,225
2	0	SISMAO	437,8604	2-1	0
2	0,225	SISMAO	446,6866	2-1	0,225
2	0	LM71SVA	-2,7977	2-1	0
2	0,225	LM71SVA	-1,0209	2-1	0,225
2	0	SW2SVA	-2,3629	2-1	0
2	0,225	SW2SVA	-0,8622	2-1	0,225
2	0	SISMAVA	-27,4832	2-1	0
2	0,225	SISMAVA	-14,8304	2-1	0,225
2	0	LM71SVB	2,7977	2-1	0
2	0,225	LM71SVB	1,0209	2-1	0,225
2	0	SW2SVB	2,3629	2-1	0
2	0,225	SW2SVB	0,8622	2-1	0,225
2	0	SISMAVB	27,4832	2-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2	0,225	SISMAVB	14,8304	2-1	0,225
3	0	PP	86,649	3-1	0
3	0,25806	PP	15,4871	3-1	0,25806
3	0	REINTSUP	1,2695	3-1	0
3	0,25806	REINTSUP	-1,1076	3-1	0,25806
3	0	BALLAST	7,6169	3-1	0
3	0,25806	BALLAST	-6,6458	3-1	0,25806
3	0	STERRASX	778,0353	3-1	0
3	0,25806	STERRASX	775,285	3-1	0,25806
3	0	STERRADX	-496,4804	3-1	0
3	0,25806	STERRADX	-494,1323	3-1	0,25806
3	0	TERMP	-9,0792	3-1	0
3	0,25806	TERMP	-9,0662	3-1	0,25806
3	0	TERMN	27,2375	3-1	0
3	0,25806	TERMN	27,1986	3-1	0,25806
3	0	GRADTP	16,8799	3-1	0
3	0,25806	GRADTP	16,8558	3-1	0,25806
3	0	GRADTN	-16,8799	3-1	0
3	0,25806	GRADTN	-16,8558	3-1	0,25806
3	0	LM71C	22,858	3-1	0
3	0,25806	LM71C	-30,0189	3-1	0,25806
3	0	LM71SX	19,0576	3-1	0
3	0,25806	LM71SX	-38,7088	3-1	0,25806
3	0	LM71DX	31,9375	3-1	0
3	0,25806	LM71DX	-16,0576	3-1	0,25806
3	0	STLM71	190,4854	3-1	0
3	0,25806	STLM71	190,4362	3-1	0,25806
3	0	AVVLM71	238,0925	3-1	0
3	0,25806	AVVLM71	241,4542	3-1	0,25806
3	0	SW2	27,8175	3-1	0
3	0,25806	SW2	-24,2711	3-1	0,25806
3	0	STSW2	324,7442	3-1	0
3	0,25806	STSW2	324,6604	3-1	0,25806
3	0	FRENSW2	252,5082	3-1	0
3	0,25806	FRENSW2	256,0735	3-1	0,25806
3	0	SERP	0	3-1	0
3	0,25806	SERP	0	3-1	0,25806
3	0	INCRTER	1211,5734	3-1	0
3	0,25806	INCRTER	1211,2606	3-1	0,25806
3	0	LM71SISO	88,1221	3-1	0
3	0,25806	LM71SISO	89,3663	3-1	0,25806
3	0	SW2SISO	74,6364	3-1	0
3	0,25806	SW2SISO	75,6902	3-1	0,25806
3	0	SISMAO	446,6866	3-1	0
3	0,25806	SISMAO	450,2481	3-1	0,25806
3	0	LM71SVA	-1,0209	3-1	0
3	0,25806	LM71SVA	0,8907	3-1	0,25806
3	0	SW2SVA	-0,8622	3-1	0
3	0,25806	SW2SVA	0,7523	3-1	0,25806
3	0	SISMAVA	-14,8304	3-1	0
3	0,25806	SISMAVA	-1,2139	3-1	0,25806
3	0	LM71SVB	1,0209	3-1	0
3	0,25806	LM71SVB	-0,8907	3-1	0,25806
3	0	SW2SVB	0,8622	3-1	0
3	0,25806	SW2SVB	-0,7523	3-1	0,25806
3	0	SISMAVB	14,8304	3-1	0
3	0,25806	SISMAVB	1,2139	3-1	0,25806
4	0	PP	15,4871	4-1	0
4	0,25806	PP	-50,7174	4-1	0,25806
4	0	REINTSUP	-1,1076	4-1	0
4	0,25806	REINTSUP	-3,3183	4-1	0,25806
4	0	BALLAST	-6,6458	4-1	0
4	0,25806	BALLAST	-19,9097	4-1	0,25806
4	0	STERRASX	775,285	4-1	0
4	0,25806	STERRASX	764,6789	4-1	0,25806
4	0	STERRADX	-494,1323	4-1	0
4	0,25806	STERRADX	-484,0503	4-1	0,25806
4	0	TERMP	-9,0662	4-1	0
4	0,25806	TERMP	-9,0493	4-1	0,25806
4	0	TERMN	27,1986	4-1	0
4	0,25806	TERMN	27,1479	4-1	0,25806
4	0	GRADTP	16,8558	4-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
4	0,25806	GRADTP	16,8244	4-1	0,25806
4	0	GRADTN	-16,8558	4-1	0
4	0,25806	GRADTN	-16,8244	4-1	0,25806
4	0	LM71C	-30,0189	4-1	0
4	0,25806	LM71C	-79,1901	4-1	0,25806
4	0	LM71SX	-38,7088	4-1	0
4	0,25806	LM71SX	-91,7067	4-1	0,25806
4	0	LM71DX	-16,0576	4-1	0
4	0,25806	LM71DX	-61,4119	4-1	0,25806
4	0	STLM71	190,4362	4-1	0
4	0,25806	STLM71	188,2386	4-1	0,25806
4	0	AVVLM71	241,4542	4-1	0
4	0,25806	AVVLM71	241,0383	4-1	0,25806
4	0	SW2	-24,2711	4-1	0
4	0,25806	SW2	-72,7118	4-1	0,25806
4	0	STSW2	324,6604	4-1	0
4	0,25806	STSW2	320,9138	4-1	0,25806
4	0	FRENSW2	256,0735	4-1	0
4	0,25806	FRENSW2	255,6324	4-1	0,25806
4	0	SERP	0	4-1	0
4	0,25806	SERP	0	4-1	0,25806
4	0	INCRTER	1211,2606	4-1	0
4	0,25806	INCRTER	1197,2828	4-1	0,25806
4	0	LM71SISO	89,3663	4-1	0
4	0,25806	LM71SISO	89,2124	4-1	0,25806
4	0	SW2SISO	75,6902	4-1	0
4	0,25806	SW2SISO	75,5598	4-1	0,25806
4	0	SISMAO	450,2481	4-1	0
4	0,25806	SISMAO	447,273	4-1	0,25806
4	0	LM71SVA	0,8907	4-1	0
4	0,25806	LM71SVA	2,6685	4-1	0,25806
4	0	SW2SVA	0,7523	4-1	0
4	0,25806	SW2SVA	2,2537	4-1	0,25806
4	0	SISMAVA	-1,2139	4-1	0
4	0,25806	SISMAVA	11,453	4-1	0,25806
4	0	LM71SVB	-0,8907	4-1	0
4	0,25806	LM71SVB	-2,6685	4-1	0,25806
4	0	SW2SVB	-0,7523	4-1	0
4	0,25806	SW2SVB	-2,2537	4-1	0,25806
4	0	SISMAVB	1,2139	4-1	0
4	0,25806	SISMAVB	-11,453	4-1	0,25806
5	0	PP	-50,7174	5-1	0
5	0,25806	PP	-112,0024	5-1	0,25806
5	0	REINTSUP	-3,3183	5-1	0
5	0,25806	REINTSUP	-5,3639	5-1	0,25806
5	0	BALLAST	-19,9097	5-1	0
5	0,25806	BALLAST	-32,1835	5-1	0,25806
5	0	STERRASX	764,6789	5-1	0
5	0,25806	STERRASX	746,797	5-1	0,25806
5	0	STERRADX	-484,0503	5-1	0
5	0,25806	STERRADX	-466,7837	5-1	0,25806
5	0	TERMP	-9,0493	5-1	0
5	0,25806	TERMP	-9,0295	5-1	0,25806
5	0	TERMN	27,1479	5-1	0
5	0,25806	TERMN	27,0884	5-1	0,25806
5	0	GRADTP	16,8244	5-1	0
5	0,25806	GRADTP	16,7875	5-1	0,25806
5	0	GRADTN	-16,8244	5-1	0
5	0,25806	GRADTN	-16,7875	5-1	0,25806
5	0	LM71C	-79,1901	5-1	0
5	0,25806	LM71C	-124,6883	5-1	0,25806
5	0	LM71SX	-91,7067	5-1	0
5	0,25806	LM71SX	-140,043	5-1	0,25806
5	0	LM71DX	-61,4119	5-1	0
5	0,25806	LM71DX	-104,0834	5-1	0,25806
5	0	STLM71	188,2386	5-1	0
5	0,25806	STLM71	184,0499	5-1	0,25806
5	0	AVVLM71	241,0383	5-1	0
5	0,25806	AVVLM71	237,1161	5-1	0,25806
5	0	SW2	-72,7118	5-1	0
5	0,25806	SW2	-117,5367	5-1	0,25806
5	0	STSW2	320,9138	5-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
5	0,25806	STSW2	313,7728	5-1	0,25806
5	0	FRENSW2	255,6324	5-1	0
5	0,25806	FRENSW2	251,4727	5-1	0,25806
5	0	SERP	0	5-1	0
5	0,25806	SERP	0	5-1	0,25806
5	0	INCRTER	1197,2828	5-1	0
5	0,25806	INCRTER	1170,6407	5-1	0,25806
5	0	LM71SISO	89,2124	5-1	0
5	0,25806	LM71SISO	87,7607	5-1	0,25806
5	0	SW2SISO	75,5598	5-1	0
5	0,25806	SW2SISO	74,3303	5-1	0,25806
5	0	SISMAO	447,273	5-1	0
5	0,25806	SISMAO	438,2321	5-1	0,25806
5	0	LM71SVA	2,6685	5-1	0
5	0,25806	LM71SVA	4,3135	5-1	0,25806
5	0	SW2SVA	2,2537	5-1	0
5	0,25806	SW2SVA	3,643	5-1	0,25806
5	0	SISMAVA	11,453	5-1	0
5	0,25806	SISMAVA	23,1779	5-1	0,25806
5	0	LM71SVB	-2,6685	5-1	0
5	0,25806	LM71SVB	-4,3135	5-1	0,25806
5	0	SW2SVB	-2,2537	5-1	0
5	0,25806	SW2SVB	-3,643	5-1	0,25806
5	0	SISMAVB	-11,453	5-1	0
5	0,25806	SISMAVB	-23,1779	5-1	0,25806
6	0	PP	-112,0024	6-1	0
6	0,25806	PP	-168,4056	6-1	0,25806
6	0	REINTSUP	-5,3639	6-1	0
6	0,25806	REINTSUP	-7,2459	6-1	0,25806
6	0	BALLAST	-32,1835	6-1	0
6	0,25806	BALLAST	-43,4756	6-1	0,25806
6	0	STERRASX	746,797	6-1	0
6	0,25806	STERRASX	722,2133	6-1	0,25806
6	0	STERRADX	-466,7837	6-1	0
6	0,25806	STERRADX	-442,8775	6-1	0,25806
6	0	TERMP	-9,0295	6-1	0
6	0,25806	TERMP	-9,0076	6-1	0,25806
6	0	TERMN	27,0884	6-1	0
6	0,25806	TERMN	27,0228	6-1	0,25806
6	0	GRADTP	16,7875	6-1	0
6	0,25806	GRADTP	16,7469	6-1	0,25806
6	0	GRADTN	-16,7875	6-1	0
6	0,25806	GRADTN	-16,7469	6-1	0,25806
6	0	LM71C	-124,6883	6-1	0
6	0,25806	LM71C	-166,5457	6-1	0,25806
6	0	LM71SX	-140,043	6-1	0
6	0,25806	LM71SX	-183,824	6-1	0,25806
6	0	LM71DX	-104,0834	6-1	0
6	0,25806	LM71DX	-144,0299	6-1	0,25806
6	0	STLM71	184,0499	6-1	0
6	0,25806	STLM71	178,0259	6-1	0,25806
6	0	AVVLM71	237,1161	6-1	0
6	0,25806	AVVLM71	229,957	6-1	0,25806
6	0	SW2	-117,5367	6-1	0
6	0,25806	SW2	-158,7767	6-1	0,25806
6	0	STSW2	313,7728	6-1	0
6	0,25806	STSW2	303,503	6-1	0,25806
6	0	FRENSW2	251,4727	6-1	0
6	0,25806	FRENSW2	243,8802	6-1	0,25806
6	0	SERP	0	6-1	0
6	0,25806	SERP	0	6-1	0,25806
6	0	INCRTER	1170,6407	6-1	0
6	0,25806	INCRTER	1132,3254	6-1	0,25806
6	0	LM71SISO	87,7607	6-1	0
6	0,25806	LM71SISO	85,111	6-1	0,25806
6	0	SW2SISO	74,3303	6-1	0
6	0,25806	SW2SISO	72,0861	6-1	0,25806
6	0	SISMAO	438,2321	6-1	0
6	0,25806	SISMAO	423,5922	6-1	0,25806
6	0	LM71SVA	4,3135	6-1	0
6	0,25806	LM71SVA	5,8269	6-1	0,25806
6	0	SW2SVA	3,643	6-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
6	0,25806	SW2SVA	4,9212	6-1	0,25806
6	0	SISMAVA	23,1779	6-1	0
6	0,25806	SISMAVA	33,9681	6-1	0,25806
6	0	LM71SVB	-4,3135	6-1	0
6	0,25806	LM71SVB	-5,8269	6-1	0,25806
6	0	SW2SVB	-3,643	6-1	0
6	0,25806	SW2SVB	-4,9212	6-1	0,25806
6	0	SISMAVB	-23,1779	6-1	0
6	0,25806	SISMAVB	-33,9681	6-1	0,25806
7	0	PP	-168,4056	7-1	0
7	0,25806	PP	-219,9634	7-1	0,25806
7	0	REINTSUP	-7,2459	7-1	0
7	0,25806	REINTSUP	-8,9657	7-1	0,25806
7	0	BALLAST	-43,4756	7-1	0
7	0,25806	BALLAST	-53,7945	7-1	0,25806
7	0	STERRASX	722,2133	7-1	0
7	0,25806	STERRASX	691,4951	7-1	0,25806
7	0	STERRADX	-442,8775	7-1	0
7	0,25806	STERRADX	-412,8729	7-1	0,25806
7	0	TERMP	-9,0076	7-1	0
7	0,25806	TERMP	-8,9846	7-1	0,25806
7	0	TERMN	27,0228	7-1	0
7	0,25806	TERMN	26,9538	7-1	0,25806
7	0	GRADTP	16,7469	7-1	0
7	0,25806	GRADTP	16,7041	7-1	0,25806
7	0	GRADTN	-16,7469	7-1	0
7	0,25806	GRADTN	-16,7041	7-1	0,25806
7	0	LM71C	-166,5457	7-1	0
7	0,25806	LM71C	-204,7933	7-1	0,25806
7	0	LM71SX	-183,824	7-1	0
7	0,25806	LM71SX	-223,1547	7-1	0,25806
7	0	LM71DX	-144,0299	7-1	0
7	0,25806	LM71DX	-181,2079	7-1	0,25806
7	0	STLM71	178,0259	7-1	0
7	0,25806	STLM71	170,3208	7-1	0,25806
7	0	AVVLM71	229,957	7-1	0
7	0,25806	AVVLM71	219,8283	7-1	0,25806
7	0	SW2	-158,7767	7-1	0
7	0,25806	SW2	-196,4619	7-1	0,25806
7	0	STSW2	303,503	7-1	0
7	0,25806	STSW2	290,3672	7-1	0,25806
7	0	FRENSW2	243,8802	7-1	0
7	0,25806	FRENSW2	233,1382	7-1	0,25806
7	0	SERP	0	7-1	0
7	0,25806	SERP	0	7-1	0,25806
7	0	INCRTER	1132,3254	7-1	0
7	0,25806	INCRTER	1083,3179	7-1	0,25806
7	0	LM71SISO	85,111	7-1	0
7	0,25806	LM71SISO	81,3622	7-1	0,25806
7	0	SW2SISO	72,0861	7-1	0
7	0,25806	SW2SISO	68,911	7-1	0,25806
7	0	SISMAO	423,5922	7-1	0
7	0,25806	SISMAO	403,8165	7-1	0,25806
7	0	LM71SVA	5,8269	7-1	0
7	0,25806	LM71SVA	7,21	7-1	0,25806
7	0	SW2SVA	4,9212	7-1	0
7	0,25806	SW2SVA	6,0892	7-1	0,25806
7	0	SISMAVA	33,9681	7-1	0
7	0,25806	SISMAVA	43,8307	7-1	0,25806
7	0	LM71SVB	-5,8269	7-1	0
7	0,25806	LM71SVB	-7,21	7-1	0,25806
7	0	SW2SVB	-4,9212	7-1	0
7	0,25806	SW2SVB	-6,0892	7-1	0,25806
7	0	SISMAVB	-33,9681	7-1	0
7	0,25806	SISMAVB	-43,8307	7-1	0,25806
8	0	PP	-219,9634	8-1	0
8	0,25806	PP	-266,7109	8-1	0,25806
8	0	REINTSUP	-8,9657	8-1	0
8	0,25806	REINTSUP	-10,5246	8-1	0,25806
8	0	BALLAST	-53,7945	8-1	0
8	0,25806	BALLAST	-63,1478	8-1	0,25806
8	0	STERRASX	691,4951	8-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
8	0,25806	STERRASX	655,2043	8-1	0,25806
8	0	STERRADX	-412,8729	8-1	0
8	0,25806	STERRADX	-377,3075	8-1	0,25806
8	0	TERMP	-8,9846	8-1	0
8	0,25806	TERMP	-8,9612	8-1	0,25806
8	0	TERMN	26,9538	8-1	0
8	0,25806	TERMN	26,8836	8-1	0,25806
8	0	GRADTP	16,7041	8-1	0
8	0,25806	GRADTP	16,6606	8-1	0,25806
8	0	GRADTN	-16,7041	8-1	0
8	0,25806	GRADTN	-16,6606	8-1	0,25806
8	0	LM71C	-204,7933	8-1	0
8	0,25806	LM71C	-239,4608	8-1	0,25806
8	0	LM71SX	-223,1547	8-1	0
8	0,25806	LM71SX	-258,1382	8-1	0,25806
8	0	LM71DX	-181,2079	8-1	0
8	0,25806	LM71DX	-215,5729	8-1	0,25806
8	0	STLM71	170,3208	8-1	0
8	0,25806	STLM71	161,0876	8-1	0,25806
8	0	AVVLM71	219,8283	8-1	0
8	0,25806	AVVLM71	206,9954	8-1	0,25806
8	0	SW2	-196,4619	8-1	0
8	0,25806	SW2	-230,6212	8-1	0,25806
8	0	STSW2	290,3672	8-1	0
8	0,25806	STSW2	274,6261	8-1	0,25806
8	0	FRENSW2	233,1382	8-1	0
8	0,25806	FRENSW2	219,5284	8-1	0,25806
8	0	SERP	0	8-1	0
8	0,25806	SERP	0	8-1	0,25806
8	0	INCRTER	1083,3179	8-1	0
8	0,25806	INCRTER	1024,5902	8-1	0,25806
8	0	LM71SISO	81,3622	8-1	0
8	0,25806	LM71SISO	76,6126	8-1	0,25806
8	0	SW2SISO	68,911	8-1	0
8	0,25806	SW2SISO	64,8882	8-1	0,25806
8	0	SISMAO	403,8165	8-1	0
8	0,25806	SISMAO	379,3649	8-1	0,25806
8	0	LM71SVA	7,21	8-1	0
8	0,25806	LM71SVA	8,4636	8-1	0,25806
8	0	SW2SVA	6,0892	8-1	0
8	0,25806	SW2SVA	7,148	8-1	0,25806
8	0	SISMAVA	43,8307	8-1	0
8	0,25806	SISMAVA	52,7727	8-1	0,25806
8	0	LM71SVB	-7,21	8-1	0
8	0,25806	LM71SVB	-8,4636	8-1	0,25806
8	0	SW2SVB	-6,0892	8-1	0
8	0,25806	SW2SVB	-7,148	8-1	0,25806
8	0	SISMAVB	-43,8307	8-1	0
8	0,25806	SISMAVB	-52,7727	8-1	0,25806
9	0	PP	-266,7109	9-1	0
9	0,25806	PP	-308,6811	9-1	0,25806
9	0	REINTSUP	-10,5246	9-1	0
9	0,25806	REINTSUP	-11,9239	9-1	0,25806
9	0	BALLAST	-63,1478	9-1	0
9	0,25806	BALLAST	-71,5431	9-1	0,25806
9	0	STERRASX	655,2043	9-1	0
9	0,25806	STERRASX	613,8969	9-1	0,25806
9	0	STERRADX	-377,3075	9-1	0
9	0,25806	STERRADX	-336,7153	9-1	0,25806
9	0	TERMP	-8,9612	9-1	0
9	0,25806	TERMP	-8,9381	9-1	0,25806
9	0	TERMN	26,8836	9-1	0
9	0,25806	TERMN	26,8144	9-1	0,25806
9	0	GRADTP	16,6606	9-1	0
9	0,25806	GRADTP	16,6177	9-1	0,25806
9	0	GRADTN	-16,6606	9-1	0
9	0,25806	GRADTN	-16,6177	9-1	0,25806
9	0	LM71C	-239,4608	9-1	0
9	0,25806	LM71C	-270,576	9-1	0,25806
9	0	LM71SX	-258,1382	9-1	0
9	0,25806	LM71SX	-288,8763	9-1	0,25806
9	0	LM71DX	-215,5729	9-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
9	0,25806	LM71DX	-247,0788	9-1	0,25806
9	0	STLM71	161,0876	9-1	0
9	0,25806	STLM71	150,4775	9-1	0,25806
9	0	AVVLM71	206,9954	9-1	0
9	0,25806	AVVLM71	191,722	9-1	0,25806
9	0	SW2	-230,6212	9-1	0
9	0,25806	SW2	-261,2815	9-1	0,25806
9	0	STSW2	274,6261	9-1	0
9	0,25806	STSW2	256,5378	9-1	0,25806
9	0	FRENSW2	219,5284	9-1	0
9	0,25806	FRENSW2	203,3302	9-1	0,25806
9	0	SERP	0	9-1	0
9	0,25806	SERP	0	9-1	0,25806
9	0	INCRTER	1024,5902	9-1	0
9	0,25806	INCRTER	957,1052	9-1	0,25806
9	0	LM71SISO	76,6126	9-1	0
9	0,25806	LM71SISO	70,9596	9-1	0,25806
9	0	SW2SISO	64,8882	9-1	0
9	0,25806	SW2SISO	60,1003	9-1	0,25806
9	0	SISMAO	379,3649	9-1	0
9	0,25806	SISMAO	350,6936	9-1	0,25806
9	0	LM71SVA	8,4636	9-1	0
9	0,25806	LM71SVA	9,5888	9-1	0,25806
9	0	SW2SVA	7,148	9-1	0
9	0,25806	SW2SVA	8,0983	9-1	0,25806
9	0	SISMAVA	52,7727	9-1	0
9	0,25806	SISMAVA	60,8004	9-1	0,25806
9	0	LM71SVB	-8,4636	9-1	0
9	0,25806	LM71SVB	-9,5888	9-1	0,25806
9	0	SW2SVB	-7,148	9-1	0
9	0,25806	SW2SVB	-8,0983	9-1	0,25806
9	0	SISMAVB	-52,7727	9-1	0
9	0,25806	SISMAVB	-60,8004	9-1	0,25806
10	0	PP	-308,6811	10-1	0
10	0,25806	PP	-345,9049	10-1	0,25806
10	0	REINTSUP	-11,9239	10-1	0
10	0,25806	REINTSUP	-13,1645	10-1	0,25806
10	0	BALLAST	-71,5431	10-1	0
10	0,25806	BALLAST	-78,9872	10-1	0,25806
10	0	STERRASX	613,8969	10-1	0
10	0,25806	STERRASX	568,1234	10-1	0,25806
10	0	STERRADX	-336,7153	10-1	0
10	0,25806	STERRADX	-291,6272	10-1	0,25806
10	0	TERMP	-8,9381	10-1	0
10	0,25806	TERMP	-8,916	10-1	0,25806
10	0	TERMN	26,8144	10-1	0
10	0,25806	TERMN	26,7481	10-1	0,25806
10	0	GRADTP	16,6177	10-1	0
10	0,25806	GRADTP	16,5766	10-1	0,25806
10	0	GRADTN	-16,6177	10-1	0
10	0,25806	GRADTN	-16,5766	10-1	0,25806
10	0	LM71C	-270,576	10-1	0
10	0,25806	LM71C	-298,1649	10-1	0,25806
10	0	LM71SX	-288,8763	10-1	0
10	0,25806	LM71SX	-315,468	10-1	0,25806
10	0	LM71DX	-247,0788	10-1	0
10	0,25806	LM71DX	-275,6777	10-1	0,25806
10	0	STLM71	150,4775	10-1	0
10	0,25806	STLM71	138,6407	10-1	0,25806
10	0	AVVLM71	191,722	10-1	0
10	0,25806	AVVLM71	174,2699	10-1	0,25806
10	0	SW2	-261,2815	10-1	0
10	0,25806	SW2	-288,4679	10-1	0,25806
10	0	STSW2	256,5378	10-1	0
10	0,25806	STSW2	236,358	10-1	0,25806
10	0	FRENSW2	203,3302	10-1	0
10	0,25806	FRENSW2	184,8213	10-1	0,25806
10	0	SERP	0	10-1	0
10	0,25806	SERP	0	10-1	0,25806
10	0	INCRTER	957,1052	10-1	0
10	0,25806	INCRTER	881,8175	10-1	0,25806
10	0	LM71SISO	70,9596	10-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
10	0,25806	LM71SISO	64,5003	10-1	0,25806
10	0	SW2SISO	60,1003	10-1	0
10	0,25806	SW2SISO	54,6295	10-1	0,25806
10	0	SISMAO	350,6936	10-1	0
10	0,25806	SISMAO	318,2559	10-1	0,25806
10	0	LM71SVA	9,5888	10-1	0
10	0,25806	LM71SVA	10,5865	10-1	0,25806
10	0	SW2SVA	8,0983	10-1	0
10	0,25806	SW2SVA	8,9409	10-1	0,25806
10	0	SISMAVA	60,8004	10-1	0
10	0,25806	SISMAVA	67,92	10-1	0,25806
10	0	LM71SVB	-9,5888	10-1	0
10	0,25806	LM71SVB	-10,5865	10-1	0,25806
10	0	SW2SVB	-8,0983	10-1	0
10	0,25806	SW2SVB	-8,9409	10-1	0,25806
10	0	SISMAVB	-60,8004	10-1	0
10	0,25806	SISMAVB	-67,92	10-1	0,25806
11	0	PP	-345,9049	11-1	0
11	0,25806	PP	-378,4106	11-1	0,25806
11	0	REINTSUP	-13,1645	11-1	0
11	0,25806	REINTSUP	-14,2477	11-1	0,25806
11	0	BALLAST	-78,9872	11-1	0
11	0,25806	BALLAST	-85,4864	11-1	0,25806
11	0	STERRASX	568,1234	11-1	0
11	0,25806	STERRASX	518,4295	11-1	0,25806
11	0	STERRADX	-291,6272	11-1	0
11	0,25806	STERRADX	-242,5712	11-1	0,25806
11	0	TERMP	-8,916	11-1	0
11	0,25806	TERMP	-8,8955	11-1	0,25806
11	0	TERMN	26,7481	11-1	0
11	0,25806	TERMN	26,6864	11-1	0,25806
11	0	GRADTP	16,5766	11-1	0
11	0,25806	GRADTP	16,5384	11-1	0,25806
11	0	GRADTN	-16,5766	11-1	0
11	0,25806	GRADTN	-16,5384	11-1	0,25806
11	0	LM71C	-298,1649	11-1	0
11	0,25806	LM71C	-322,2511	11-1	0,25806
11	0	LM71SX	-315,468	11-1	0
11	0,25806	LM71SX	-338,0103	11-1	0,25806
11	0	LM71DX	-275,6777	11-1	0
11	0,25806	LM71DX	-301,3197	11-1	0,25806
11	0	STLM71	138,6407	11-1	0
11	0,25806	STLM71	125,7259	11-1	0,25806
11	0	AVVLM71	174,2699	11-1	0
11	0,25806	AVVLM71	154,8993	11-1	0,25806
11	0	SW2	-288,4679	11-1	0
11	0,25806	SW2	-312,2035	11-1	0,25806
11	0	STSW2	236,358	11-1	0
11	0,25806	STSW2	214,3406	11-1	0,25806
11	0	FRENSW2	184,8213	11-1	0
11	0,25806	FRENSW2	164,278	11-1	0,25806
11	0	SERP	0	11-1	0
11	0,25806	SERP	0	11-1	0,25806
11	0	INCRTER	881,8175	11-1	0
11	0,25806	INCRTER	799,6738	11-1	0,25806
11	0	LM71SISO	64,5003	11-1	0
11	0,25806	LM71SISO	57,3309	11-1	0,25806
11	0	SW2SISO	54,6295	11-1	0
11	0,25806	SW2SISO	48,5573	11-1	0,25806
11	0	SISMAO	318,2559	11-1	0
11	0,25806	SISMAO	282,5022	11-1	0,25806
11	0	LM71SVA	10,5865	11-1	0
11	0,25806	LM71SVA	11,4576	11-1	0,25806
11	0	SW2SVA	8,9409	11-1	0
11	0,25806	SW2SVA	9,6766	11-1	0,25806
11	0	SISMAVA	67,92	11-1	0
11	0,25806	SISMAVA	74,1369	11-1	0,25806
11	0	LM71SVB	-10,5865	11-1	0
11	0,25806	LM71SVB	-11,4576	11-1	0,25806
11	0	SW2SVB	-8,9409	11-1	0
11	0,25806	SW2SVB	-9,6766	11-1	0,25806
11	0	SISMAVB	-67,92	11-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
11	0,25806	SISMAVB	-74,1369	11-1	0,25806
12	0	PP	-378,4106	12-1	0
12	0,25806	PP	-406,2235	12-1	0,25806
12	0	REINTSUP	-14,2477	12-1	0
12	0,25806	REINTSUP	-15,1744	12-1	0,25806
12	0	BALLAST	-85,4864	12-1	0
12	0,25806	BALLAST	-91,0463	12-1	0,25806
12	0	STERRASX	518,4295	12-1	0
12	0,25806	STERRASX	465,3563	12-1	0,25806
12	0	STERRADX	-242,5712	12-1	0
12	0,25806	STERRADX	-190,0732	12-1	0,25806
12	0	TERMP	-8,8955	12-1	0
12	0,25806	TERMP	-8,8769	12-1	0,25806
12	0	TERMN	26,6864	12-1	0
12	0,25806	TERMN	26,6308	12-1	0,25806
12	0	GRADTP	16,5384	12-1	0
12	0,25806	GRADTP	16,5039	12-1	0,25806
12	0	GRADTN	-16,5384	12-1	0
12	0,25806	GRADTN	-16,5039	12-1	0,25806
12	0	LM71C	-322,2511	12-1	0
12	0,25806	LM71C	-342,8557	12-1	0,25806
12	0	LM71SX	-338,0103	12-1	0
12	0,25806	LM71SX	-356,5974	12-1	0,25806
12	0	LM71DX	-301,3197	12-1	0
12	0,25806	LM71DX	-323,9526	12-1	0,25806
12	0	STLM71	125,7259	12-1	0
12	0,25806	STLM71	111,8809	12-1	0,25806
12	0	AVVLM71	154,8993	12-1	0
12	0,25806	AVVLM71	133,8692	12-1	0,25806
12	0	SW2	-312,2035	12-1	0
12	0,25806	SW2	-332,5087	12-1	0,25806
12	0	STSW2	214,3406	12-1	0
12	0,25806	STSW2	190,7374	12-1	0,25806
12	0	FRENSW2	164,278	12-1	0
12	0,25806	FRENSW2	141,9746	12-1	0,25806
12	0	SERP	0	12-1	0
12	0,25806	SERP	0	12-1	0,25806
12	0	INCRTER	799,6738	12-1	0
12	0,25806	INCRTER	711,6135	12-1	0,25806
12	0	LM71SISO	57,3309	12-1	0
12	0,25806	LM71SISO	49,5473	12-1	0,25806
12	0	SW2SISO	48,5573	12-1	0
12	0,25806	SW2SISO	41,9649	12-1	0,25806
12	0	SISMAO	282,5022	12-1	0
12	0,25806	SISMAO	243,8801	12-1	0,25806
12	0	LM71SVA	11,4576	12-1	0
12	0,25806	LM71SVA	12,2027	12-1	0,25806
12	0	SW2SVA	9,6766	12-1	0
12	0,25806	SW2SVA	10,3059	12-1	0,25806
12	0	SISMAVA	74,1369	12-1	0
12	0,25806	SISMAVA	79,4561	12-1	0,25806
12	0	LM71SVB	-11,4576	12-1	0
12	0,25806	LM71SVB	-12,2027	12-1	0,25806
12	0	SW2SVB	-9,6766	12-1	0
12	0,25806	SW2SVB	-10,3059	12-1	0,25806
12	0	SISMAVB	-74,1369	12-1	0
12	0,25806	SISMAVB	-79,4561	12-1	0,25806
13	0	PP	-406,2235	13-1	0
13	0,25806	PP	-429,366	13-1	0,25806
13	0	REINTSUP	-15,1744	13-1	0
13	0,25806	REINTSUP	-15,9453	13-1	0,25806
13	0	BALLAST	-91,0463	13-1	0
13	0,25806	BALLAST	-95,6719	13-1	0,25806
13	0	STERRASX	465,3563	13-1	0
13	0,25806	STERRASX	409,4404	13-1	0,25806
13	0	STERRADX	-190,0732	13-1	0
13	0,25806	STERRADX	-134,6567	13-1	0,25806
13	0	TERMP	-8,8769	13-1	0
13	0,25806	TERMP	-8,8608	13-1	0,25806
13	0	TERMN	26,6308	13-1	0
13	0,25806	TERMN	26,5824	13-1	0,25806
13	0	GRADTP	16,5039	13-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
13	0,25806	GRADTP	16,474	13-1	0,25806
13	0	GRADTN	-16,5039	13-1	0
13	0,25806	GRADTN	-16,474	13-1	0,25806
13	0	LM71C	-342,8557	13-1	0
13	0,25806	LM71C	-359,9972	13-1	0,25806
13	0	LM71SX	-356,5974	13-1	0
13	0,25806	LM71SX	-371,3207	13-1	0,25806
13	0	LM71DX	-323,9526	13-1	0
13	0,25806	LM71DX	-343,5216	13-1	0,25806
13	0	STLM71	111,8809	13-1	0
13	0,25806	STLM71	97,2524	13-1	0,25806
13	0	AVVLM71	133,8692	13-1	0
13	0,25806	AVVLM71	111,4371	13-1	0,25806
13	0	SW2	-332,5087	13-1	0
13	0,25806	SW2	-349,4016	13-1	0,25806
13	0	STSW2	190,7374	13-1	0
13	0,25806	STSW2	165,7984	13-1	0,25806
13	0	FRENSW2	141,9746	13-1	0
13	0,25806	FRENSW2	118,1843	13-1	0,25806
13	0	SERP	0	13-1	0
13	0,25806	SERP	0	13-1	0,25806
13	0	INCRTER	711,6135	13-1	0
13	0,25806	INCRTER	618,5696	13-1	0,25806
13	0	LM71SISO	49,5473	13-1	0
13	0,25806	LM71SISO	41,2448	13-1	0,25806
13	0	SW2SISO	41,9649	13-1	0
13	0,25806	SW2SISO	34,9329	13-1	0,25806
13	0	SISMAO	243,8801	13-1	0
13	0,25806	SISMAO	202,835	13-1	0,25806
13	0	LM71SVA	12,2027	13-1	0
13	0,25806	LM71SVA	12,8227	13-1	0,25806
13	0	SW2SVA	10,3059	13-1	0
13	0,25806	SW2SVA	10,8295	13-1	0,25806
13	0	SISMAVA	79,4561	13-1	0
13	0,25806	SISMAVA	83,882	13-1	0,25806
13	0	LM71SVB	-12,2027	13-1	0
13	0,25806	LM71SVB	-12,8227	13-1	0,25806
13	0	SW2SVB	-10,3059	13-1	0
13	0,25806	SW2SVB	-10,8295	13-1	0,25806
13	0	SISMAVB	-79,4561	13-1	0
13	0,25806	SISMAVB	-83,882	13-1	0,25806
14	0	PP	-429,366	14-1	0
14	0,25806	PP	-447,8569	14-1	0,25806
14	0	REINTSUP	-15,9453	14-1	0
14	0,25806	REINTSUP	-16,5612	14-1	0,25806
14	0	BALLAST	-95,6719	14-1	0
14	0,25806	BALLAST	-99,3672	14-1	0,25806
14	0	STERRASX	409,4404	14-1	0
14	0,25806	STERRASX	351,2148	14-1	0,25806
14	0	STERRADX	-134,6567	14-1	0
14	0,25806	STERRADX	-76,8436	14-1	0,25806
14	0	TERMP	-8,8608	14-1	0
14	0,25806	TERMP	-8,8475	14-1	0,25806
14	0	TERMN	26,5824	14-1	0
14	0,25806	TERMN	26,5425	14-1	0,25806
14	0	GRADTP	16,474	14-1	0
14	0,25806	GRADTP	16,4492	14-1	0,25806
14	0	GRADTN	-16,474	14-1	0
14	0,25806	GRADTN	-16,4492	14-1	0,25806
14	0	LM71C	-359,9972	14-1	0
14	0,25806	LM71C	-373,6912	14-1	0,25806
14	0	LM71SX	-371,3207	14-1	0
14	0,25806	LM71SX	-382,2687	14-1	0,25806
14	0	LM71DX	-343,5216	14-1	0
14	0,25806	LM71DX	-359,9694	14-1	0,25806
14	0	STLM71	97,2524	14-1	0
14	0,25806	STLM71	81,9862	14-1	0,25806
14	0	AVVLM71	111,4371	14-1	0
14	0,25806	AVVLM71	87,8595	14-1	0,25806
14	0	SW2	-349,4016	14-1	0
14	0,25806	SW2	-362,8972	14-1	0,25806
14	0	STSW2	165,7984	14-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
14	0,25806	STSW2	139,7721	14-1	0,25806
14	0	FRENSW2	118,1843	14-1	0
14	0,25806	FRENSW2	93,1791	14-1	0,25806
14	0	SERP	0	14-1	0
14	0,25806	SERP	0	14-1	0,25806
14	0	INCRTER	618,5696	14-1	0
14	0,25806	INCRTER	521,4692	14-1	0,25806
14	0	LM71SISO	41,2448	14-1	0
14	0,25806	LM71SISO	32,5183	14-1	0,25806
14	0	SW2SISO	34,9329	14-1	0
14	0,25806	SW2SISO	27,5419	14-1	0,25806
14	0	SISMAO	202,835	14-1	0
14	0,25806	SISMAO	159,8102	14-1	0,25806
14	0	LM71SVA	12,8227	14-1	0
14	0,25806	LM71SVA	13,318	14-1	0,25806
14	0	SW2SVA	10,8295	14-1	0
14	0,25806	SW2SVA	11,2478	14-1	0,25806
14	0	SISMAVA	83,882	14-1	0
14	0,25806	SISMAVA	87,4182	14-1	0,25806
14	0	LM71SVB	-12,8227	14-1	0
14	0,25806	LM71SVB	-13,318	14-1	0,25806
14	0	SW2SVB	-10,8295	14-1	0
14	0,25806	SW2SVB	-11,2478	14-1	0,25806
14	0	SISMAVB	-83,882	14-1	0
14	0,25806	SISMAVB	-87,4182	14-1	0,25806
15	0	PP	-447,8569	15-1	0
15	0,25806	PP	-461,7114	15-1	0,25806
15	0	REINTSUP	-16,5612	15-1	0
15	0,25806	REINTSUP	-17,0226	15-1	0,25806
15	0	BALLAST	-99,3672	15-1	0
15	0,25806	BALLAST	-102,1357	15-1	0,25806
15	0	STERRASX	351,2148	15-1	0
15	0,25806	STERRASX	291,2091	15-1	0,25806
15	0	STERRADX	-76,8436	15-1	0
15	0,25806	STERRADX	-17,155	15-1	0,25806
15	0	TERMP	-8,8475	15-1	0
15	0,25806	TERMP	-8,8373	15-1	0,25806
15	0	TERMN	26,5425	15-1	0
15	0,25806	TERMN	26,5119	15-1	0,25806
15	0	GRADTP	16,4492	15-1	0
15	0,25806	GRADTP	16,4302	15-1	0,25806
15	0	GRADTN	-16,4492	15-1	0
15	0,25806	GRADTN	-16,4302	15-1	0,25806
15	0	LM71C	-373,6912	15-1	0
15	0,25806	LM71C	-383,9505	15-1	0,25806
15	0	LM71SX	-382,2687	15-1	0
15	0,25806	LM71SX	-389,5269	15-1	0,25806
15	0	LM71DX	-359,9694	15-1	0
15	0,25806	LM71DX	-373,2357	15-1	0,25806
15	0	STLM71	81,9862	15-1	0
15	0,25806	STLM71	66,2271	15-1	0,25806
15	0	AVVLM71	87,8595	15-1	0
15	0,25806	AVVLM71	63,3919	15-1	0,25806
15	0	SW2	-362,8972	15-1	0
15	0,25806	SW2	-373,008	15-1	0,25806
15	0	STSW2	139,7721	15-1	0
15	0,25806	STSW2	112,9056	15-1	0,25806
15	0	FRENSW2	93,1791	15-1	0
15	0,25806	FRENSW2	67,2301	15-1	0,25806
15	0	SERP	0	15-1	0
15	0,25806	SERP	0	15-1	0,25806
15	0	INCRTER	521,4692	15-1	0
15	0,25806	INCRTER	421,2344	15-1	0,25806
15	0	LM71SISO	32,5183	15-1	0
15	0,25806	LM71SISO	23,4624	15-1	0,25806
15	0	SW2SISO	27,5419	15-1	0
15	0,25806	SW2SISO	19,8719	15-1	0,25806
15	0	SISMAO	159,8102	15-1	0
15	0,25806	SISMAO	115,2476	15-1	0,25806
15	0	LM71SVA	13,318	15-1	0
15	0,25806	LM71SVA	13,689	15-1	0,25806
15	0	SW2SVA	11,2478	15-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
15	0,25806	SW2SVA	11,5612	15-1	0,25806
15	0	SISMAVA	87,4182	15-1	0
15	0,25806	SISMAVA	90,0677	15-1	0,25806
15	0	LM71SVB	-13,318	15-1	0
15	0,25806	LM71SVB	-13,689	15-1	0,25806
15	0	SW2SVB	-11,2478	15-1	0
15	0,25806	SW2SVB	-11,5612	15-1	0,25806
15	0	SISMAVB	-87,4182	15-1	0
15	0,25806	SISMAVB	-90,0677	15-1	0,25806
16	0	PP	-461,7114	16-1	0
16	0,25806	PP	-470,9413	16-1	0,25806
16	0	REINTSUP	-17,0226	16-1	0
16	0,25806	REINTSUP	-17,33	16-1	0,25806
16	0	BALLAST	-102,1357	16-1	0
16	0,25806	BALLAST	-103,9799	16-1	0,25806
16	0	STERRASX	291,2091	16-1	0
16	0,25806	STERRASX	229,9501	16-1	0,25806
16	0	STERRADX	-17,155	16-1	0
16	0,25806	STERRADX	43,8889	16-1	0,25806
16	0	TERMP	-8,8373	16-1	0
16	0,25806	TERMP	-8,8304	16-1	0,25806
16	0	TERMN	26,5119	16-1	0
16	0,25806	TERMN	26,4911	16-1	0,25806
16	0	GRADTP	16,4302	16-1	0
16	0,25806	GRADTP	16,4173	16-1	0,25806
16	0	GRADTN	-16,4302	16-1	0
16	0,25806	GRADTN	-16,4173	16-1	0,25806
16	0	LM71C	-383,9505	16-1	0
16	0,25806	LM71C	-390,7846	16-1	0,25806
16	0	LM71SX	-389,5269	16-1	0
16	0,25806	LM71SX	-393,1774	16-1	0,25806
16	0	LM71DX	-373,2357	16-1	0
16	0,25806	LM71DX	-383,2575	16-1	0,25806
16	0	STLM71	66,2271	16-1	0
16	0,25806	STLM71	50,1195	16-1	0,25806
16	0	AVVLM71	63,3919	16-1	0
16	0,25806	AVVLM71	38,2891	16-1	0,25806
16	0	SW2	-373,008	16-1	0
16	0,25806	SW2	-379,7434	16-1	0,25806
16	0	STSW2	112,9056	16-1	0
16	0,25806	STSW2	85,445	16-1	0,25806
16	0	FRENSW2	67,2301	16-1	0
16	0,25806	FRENSW2	40,6073	16-1	0,25806
16	0	SERP	0	16-1	0
16	0,25806	SERP	0	16-1	0,25806
16	0	INCRTER	421,2344	16-1	0
16	0,25806	INCRTER	318,783	16-1	0,25806
16	0	LM71SISO	23,4624	16-1	0
16	0,25806	LM71SISO	14,1714	16-1	0,25806
16	0	SW2SISO	19,8719	16-1	0
16	0,25806	SW2SISO	12,0027	16-1	0,25806
16	0	SISMAO	115,2476	16-1	0
16	0,25806	SISMAO	69,5873	16-1	0,25806
16	0	LM71SVA	13,689	16-1	0
16	0,25806	LM71SVA	13,9362	16-1	0,25806
16	0	SW2SVA	11,5612	16-1	0
16	0,25806	SW2SVA	11,7699	16-1	0,25806
16	0	SISMAVA	90,0677	16-1	0
16	0,25806	SISMAVA	91,8327	16-1	0,25806
16	0	LM71SVB	-13,689	16-1	0
16	0,25806	LM71SVB	-13,9362	16-1	0,25806
16	0	SW2SVB	-11,5612	16-1	0
16	0,25806	SW2SVB	-11,7699	16-1	0,25806
16	0	SISMAVB	-90,0677	16-1	0
16	0,25806	SISMAVB	-91,8327	16-1	0,25806
17	0	PP	-470,9413	17-1	0
17	0,25806	PP	-475,5543	17-1	0,25806
17	0	REINTSUP	-17,33	17-1	0
17	0,25806	REINTSUP	-17,4836	17-1	0,25806
17	0	BALLAST	-103,9799	17-1	0
17	0,25806	BALLAST	-104,9016	17-1	0,25806
17	0	STERRASX	229,9501	17-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
17	0,25806	STERRASX	167,9623	17-1	0,25806
17	0	STERRADX	43,8889	17-1	0
17	0,25806	STERRADX	105,7681	17-1	0,25806
17	0	TERMP	-8,8304	17-1	0
17	0,25806	TERMP	-8,8268	17-1	0,25806
17	0	TERMN	26,4911	17-1	0
17	0,25806	TERMN	26,4805	17-1	0,25806
17	0	GRADTP	16,4173	17-1	0
17	0,25806	GRADTP	16,4108	17-1	0,25806
17	0	GRADTN	-16,4173	17-1	0
17	0,25806	GRADTN	-16,4108	17-1	0,25806
17	0	LM71C	-390,7846	17-1	0
17	0,25806	LM71C	-394,2001	17-1	0,25806
17	0	LM71SX	-393,1774	17-1	0
17	0,25806	LM71SX	-393,2993	17-1	0,25806
17	0	LM71DX	-383,2575	17-1	0
17	0,25806	LM71DX	-389,9685	17-1	0,25806
17	0	STLM71	50,1195	17-1	0
17	0,25806	STLM71	33,8072	17-1	0,25806
17	0	AVVLM71	38,2891	17-1	0
17	0,25806	AVVLM71	12,8053	17-1	0,25806
17	0	SW2	-379,7434	17-1	0
17	0,25806	SW2	-383,1094	17-1	0,25806
17	0	STSW2	85,445	17-1	0
17	0,25806	STSW2	57,6354	17-1	0,25806
17	0	FRENSW2	40,6073	17-1	0
17	0,25806	FRENSW2	13,5807	17-1	0,25806
17	0	SERP	0	17-1	0
17	0,25806	SERP	0	17-1	0,25806
17	0	INCRTER	318,783	17-1	0
17	0,25806	INCRTER	215,0294	17-1	0,25806
17	0	LM71SISO	14,1714	17-1	0
17	0,25806	LM71SISO	4,7395	17-1	0,25806
17	0	SW2SISO	12,0027	17-1	0
17	0,25806	SW2SISO	4,0142	17-1	0,25806
17	0	SISMAO	69,5873	17-1	0
17	0,25806	SISMAO	23,2689	17-1	0,25806
17	0	LM71SVA	13,9362	17-1	0
17	0,25806	LM71SVA	14,0597	17-1	0,25806
17	0	SW2SVA	11,7699	17-1	0
17	0,25806	SW2SVA	11,8743	17-1	0,25806
17	0	SISMAVA	91,8327	17-1	0
17	0,25806	SISMAVA	92,7149	17-1	0,25806
17	0	LM71SVB	-13,9362	17-1	0
17	0,25806	LM71SVB	-14,0597	17-1	0,25806
17	0	SW2SVB	-11,7699	17-1	0
17	0,25806	SW2SVB	-11,8743	17-1	0,25806
17	0	SISMAVB	-91,8327	17-1	0
17	0,25806	SISMAVB	-92,7149	17-1	0,25806
18	0	PP	-475,5543	18-1	0
18	0,25806	PP	-475,5543	18-1	0,25806
18	0	REINTSUP	-17,4836	18-1	0
18	0,25806	REINTSUP	-17,4836	18-1	0,25806
18	0	BALLAST	-104,9016	18-1	0
18	0,25806	BALLAST	-104,9016	18-1	0,25806
18	0	STERRASX	167,9623	18-1	0
18	0,25806	STERRASX	105,7681	18-1	0,25806
18	0	STERRADX	105,7681	18-1	0
18	0,25806	STERRADX	167,9623	18-1	0,25806
18	0	TERMP	-8,8268	18-1	0
18	0,25806	TERMP	-8,8268	18-1	0,25806
18	0	TERMN	26,4805	18-1	0
18	0,25806	TERMN	26,4805	18-1	0,25806
18	0	GRADTP	16,4108	18-1	0
18	0,25806	GRADTP	16,4108	18-1	0,25806
18	0	GRADTN	-16,4108	18-1	0
18	0,25806	GRADTN	-16,4108	18-1	0,25806
18	0	LM71C	-394,2001	18-1	0
18	0,25806	LM71C	-394,2001	18-1	0,25806
18	0	LM71SX	-393,2993	18-1	0
18	0,25806	LM71SX	-389,9685	18-1	0,25806
18	0	LM71DX	-389,9685	18-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
18	0,25806	LM71DX	-393,2993	18-1	0,25806
18	0	STLM71	33,8072	18-1	0
18	0,25806	STLM71	17,4336	18-1	0,25806
18	0	AVVLM71	12,8053	18-1	0
18	0,25806	AVVLM71	-12,8053	18-1	0,25806
18	0	SW2	-383,1094	18-1	0
18	0,25806	SW2	-383,1094	18-1	0,25806
18	0	STSW2	57,6354	18-1	0
18	0,25806	STSW2	29,7212	18-1	0,25806
18	0	FRENSW2	13,5807	18-1	0
18	0,25806	FRENSW2	-13,5807	18-1	0,25806
18	0	SERP	0	18-1	0
18	0,25806	SERP	0	18-1	0,25806
18	0	INCRTER	215,0294	18-1	0
18	0,25806	INCRTER	110,8854	18-1	0,25806
18	0	LM71SISO	4,7395	18-1	0
18	0,25806	LM71SISO	-4,7395	18-1	0,25806
18	0	SW2SISO	4,0142	18-1	0
18	0,25806	SW2SISO	-4,0142	18-1	0,25806
18	0	SISMAO	23,2689	18-1	0
18	0,25806	SISMAO	-23,2689	18-1	0,25806
18	0	LM71SVA	14,0597	18-1	0
18	0,25806	LM71SVA	14,0597	18-1	0,25806
18	0	SW2SVA	11,8743	18-1	0
18	0,25806	SW2SVA	11,8743	18-1	0,25806
18	0	SISMAVA	92,7149	18-1	0
18	0,25806	SISMAVA	92,7149	18-1	0,25806
18	0	LM71SVB	-14,0597	18-1	0
18	0,25806	LM71SVB	-14,0597	18-1	0,25806
18	0	SW2SVB	-11,8743	18-1	0
18	0,25806	SW2SVB	-11,8743	18-1	0,25806
18	0	SISMAVB	-92,7149	18-1	0
18	0,25806	SISMAVB	-92,7149	18-1	0,25806
19	0	PP	-475,5543	19-1	0
19	0,25806	PP	-470,9413	19-1	0,25806
19	0	REINTSUP	-17,4836	19-1	0
19	0,25806	REINTSUP	-17,33	19-1	0,25806
19	0	BALLAST	-104,9016	19-1	0
19	0,25806	BALLAST	-103,9799	19-1	0,25806
19	0	STERRASX	105,7681	19-1	0
19	0,25806	STERRASX	43,8889	19-1	0,25806
19	0	STERRADX	167,9623	19-1	0
19	0,25806	STERRADX	229,9501	19-1	0,25806
19	0	TERMP	-8,8268	19-1	0
19	0,25806	TERMP	-8,8304	19-1	0,25806
19	0	TERMN	26,4805	19-1	0
19	0,25806	TERMN	26,4911	19-1	0,25806
19	0	GRADTP	16,4108	19-1	0
19	0,25806	GRADTP	16,4173	19-1	0,25806
19	0	GRADTN	-16,4108	19-1	0
19	0,25806	GRADTN	-16,4173	19-1	0,25806
19	0	LM71C	-394,2001	19-1	0
19	0,25806	LM71C	-390,7846	19-1	0,25806
19	0	LM71SX	-389,9685	19-1	0
19	0,25806	LM71SX	-383,2575	19-1	0,25806
19	0	LM71DX	-393,2993	19-1	0
19	0,25806	LM71DX	-393,1774	19-1	0,25806
19	0	STLM71	17,4336	19-1	0
19	0,25806	STLM71	1,1416	19-1	0,25806
19	0	AVVLM71	-12,8053	19-1	0
19	0,25806	AVVLM71	-38,2891	19-1	0,25806
19	0	SW2	-383,1094	19-1	0
19	0,25806	SW2	-379,7434	19-1	0,25806
19	0	STSW2	29,7212	19-1	0
19	0,25806	STSW2	1,9462	19-1	0,25806
19	0	FRENSW2	-13,5807	19-1	0
19	0,25806	FRENSW2	-40,6073	19-1	0,25806
19	0	SERP	0	19-1	0
19	0,25806	SERP	0	19-1	0,25806
19	0	INCRTER	110,8854	19-1	0
19	0,25806	INCRTER	7,261	19-1	0,25806
19	0	LM71SISO	-4,7395	19-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
19	0,25806	LM71SISO	-14,1714	19-1	0,25806
19	0	SW2SISO	-4,0142	19-1	0
19	0,25806	SW2SISO	-12,0027	19-1	0,25806
19	0	SISMAO	-23,2689	19-1	0
19	0,25806	SISMAO	-69,5873	19-1	0,25806
19	0	LM71SVA	14,0597	19-1	0
19	0,25806	LM71SVA	13,9362	19-1	0,25806
19	0	SW2SVA	11,8743	19-1	0
19	0,25806	SW2SVA	11,7699	19-1	0,25806
19	0	SISMAVA	92,7149	19-1	0
19	0,25806	SISMAVA	91,8327	19-1	0,25806
19	0	LM71SVB	-14,0597	19-1	0
19	0,25806	LM71SVB	-13,9362	19-1	0,25806
19	0	SW2SVB	-11,8743	19-1	0
19	0,25806	SW2SVB	-11,7699	19-1	0,25806
19	0	SISMAVB	-92,7149	19-1	0
19	0,25806	SISMAVB	-91,8327	19-1	0,25806
20	0	PP	-470,9413	20-1	0
20	0,25806	PP	-461,7114	20-1	0,25806
20	0	REINTSUP	-17,33	20-1	0
20	0,25806	REINTSUP	-17,0226	20-1	0,25806
20	0	BALLAST	-103,9799	20-1	0
20	0,25806	BALLAST	-102,1357	20-1	0,25806
20	0	STERRASX	43,8889	20-1	0
20	0,25806	STERRASX	-17,155	20-1	0,25806
20	0	STERRADX	229,9501	20-1	0
20	0,25806	STERRADX	291,2091	20-1	0,25806
20	0	TERMP	-8,8304	20-1	0
20	0,25806	TERMP	-8,8373	20-1	0,25806
20	0	TERMN	26,4911	20-1	0
20	0,25806	TERMN	26,5119	20-1	0,25806
20	0	GRADTP	16,4173	20-1	0
20	0,25806	GRADTP	16,4302	20-1	0,25806
20	0	GRADTN	-16,4173	20-1	0
20	0,25806	GRADTN	-16,4302	20-1	0,25806
20	0	LM71C	-390,7846	20-1	0
20	0,25806	LM71C	-383,9505	20-1	0,25806
20	0	LM71SX	-383,2575	20-1	0
20	0,25806	LM71SX	-373,2357	20-1	0,25806
20	0	LM71DX	-393,1774	20-1	0
20	0,25806	LM71DX	-389,5269	20-1	0,25806
20	0	STLM71	1,1416	20-1	0
20	0,25806	STLM71	-14,9257	20-1	0,25806
20	0	AVVLM71	-38,2891	20-1	0
20	0,25806	AVVLM71	-63,3919	20-1	0,25806
20	0	SW2	-379,7434	20-1	0
20	0,25806	SW2	-373,008	20-1	0,25806
20	0	STSW2	1,9462	20-1	0
20	0,25806	STSW2	-25,4457	20-1	0,25806
20	0	FRENSW2	-40,6073	20-1	0
20	0,25806	FRENSW2	-67,2301	20-1	0,25806
20	0	SERP	0	20-1	0
20	0,25806	SERP	0	20-1	0,25806
20	0	INCRTER	7,261	20-1	0
20	0,25806	INCRTER	-94,9344	20-1	0,25806
20	0	LM71SISO	-14,1714	20-1	0
20	0,25806	LM71SISO	-23,4624	20-1	0,25806
20	0	SW2SISO	-12,0027	20-1	0
20	0,25806	SW2SISO	-19,8719	20-1	0,25806
20	0	SISMAO	-69,5873	20-1	0
20	0,25806	SISMAO	-115,2476	20-1	0,25806
20	0	LM71SVA	13,9362	20-1	0
20	0,25806	LM71SVA	13,689	20-1	0,25806
20	0	SW2SVA	11,7699	20-1	0
20	0,25806	SW2SVA	11,5612	20-1	0,25806
20	0	SISMAVA	91,8327	20-1	0
20	0,25806	SISMAVA	90,0677	20-1	0,25806
20	0	LM71SVB	-13,9362	20-1	0
20	0,25806	LM71SVB	-13,689	20-1	0,25806
20	0	SW2SVB	-11,7699	20-1	0
20	0,25806	SW2SVB	-11,5612	20-1	0,25806
20	0	SISMAVB	-91,8327	20-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
20	0,25806	SISMAVB	-90,0677	20-1	0,25806
21	0	PP	-461,7114	21-1	0
21	0,25806	PP	-447,8569	21-1	0,25806
21	0	REINTSUP	-17,0226	21-1	0
21	0,25806	REINTSUP	-16,5612	21-1	0,25806
21	0	BALLAST	-102,1357	21-1	0
21	0,25806	BALLAST	-99,3672	21-1	0,25806
21	0	STERRASX	-17,155	21-1	0
21	0,25806	STERRASX	-76,8436	21-1	0,25806
21	0	STERRADX	291,2091	21-1	0
21	0,25806	STERRADX	351,2148	21-1	0,25806
21	0	TERMP	-8,8373	21-1	0
21	0,25806	TERMP	-8,8475	21-1	0,25806
21	0	TERMN	26,5119	21-1	0
21	0,25806	TERMN	26,5425	21-1	0,25806
21	0	GRADTP	16,4302	21-1	0
21	0,25806	GRADTP	16,4492	21-1	0,25806
21	0	GRADTN	-16,4302	21-1	0
21	0,25806	GRADTN	-16,4492	21-1	0,25806
21	0	LM71C	-383,9505	21-1	0
21	0,25806	LM71C	-373,6912	21-1	0,25806
21	0	LM71SX	-373,2357	21-1	0
21	0,25806	LM71SX	-359,9694	21-1	0,25806
21	0	LM71DX	-389,5269	21-1	0
21	0,25806	LM71DX	-382,2687	21-1	0,25806
21	0	STLM71	-14,9257	21-1	0
21	0,25806	STLM71	-30,6254	21-1	0,25806
21	0	AVVLM71	-63,3919	21-1	0
21	0,25806	AVVLM71	-87,8595	21-1	0,25806
21	0	SW2	-373,008	21-1	0
21	0,25806	SW2	-362,8972	21-1	0,25806
21	0	STSW2	-25,4457	21-1	0
21	0,25806	STSW2	-52,211	21-1	0,25806
21	0	FRENSW2	-67,2301	21-1	0
21	0,25806	FRENSW2	-93,1791	21-1	0,25806
21	0	SERP	0	21-1	0
21	0,25806	SERP	0	21-1	0,25806
21	0	INCRTER	-94,9344	21-1	0
21	0,25806	INCRTER	-194,7916	21-1	0,25806
21	0	LM71SISO	-23,4624	21-1	0
21	0,25806	LM71SISO	-32,5183	21-1	0,25806
21	0	SW2SISO	-19,8719	21-1	0
21	0,25806	SW2SISO	-27,5419	21-1	0,25806
21	0	SISMAO	-115,2476	21-1	0
21	0,25806	SISMAO	-159,8102	21-1	0,25806
21	0	LM71SVA	13,689	21-1	0
21	0,25806	LM71SVA	13,318	21-1	0,25806
21	0	SW2SVA	11,5612	21-1	0
21	0,25806	SW2SVA	11,2478	21-1	0,25806
21	0	SISMAVA	90,0677	21-1	0
21	0,25806	SISMAVA	87,4182	21-1	0,25806
21	0	LM71SVB	-13,689	21-1	0
21	0,25806	LM71SVB	-13,318	21-1	0,25806
21	0	SW2SVB	-11,5612	21-1	0
21	0,25806	SW2SVB	-11,2478	21-1	0,25806
21	0	SISMAVB	-90,0677	21-1	0
21	0,25806	SISMAVB	-87,4182	21-1	0,25806
22	0	PP	-447,8569	22-1	0
22	0,25806	PP	-429,366	22-1	0,25806
22	0	REINTSUP	-16,5612	22-1	0
22	0,25806	REINTSUP	-15,9453	22-1	0,25806
22	0	BALLAST	-99,3672	22-1	0
22	0,25806	BALLAST	-95,6719	22-1	0,25806
22	0	STERRASX	-76,8436	22-1	0
22	0,25806	STERRASX	-134,6567	22-1	0,25806
22	0	STERRADX	351,2148	22-1	0
22	0,25806	STERRADX	409,4404	22-1	0,25806
22	0	TERMP	-8,8475	22-1	0
22	0,25806	TERMP	-8,8608	22-1	0,25806
22	0	TERMN	26,5425	22-1	0
22	0,25806	TERMN	26,5824	22-1	0,25806
22	0	GRADTP	16,4492	22-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
22	0,25806	GRADTP	16,474	22-1	0,25806
22	0	GRADTN	-16,4492	22-1	0
22	0,25806	GRADTN	-16,474	22-1	0,25806
22	0	LM71C	-373,6912	22-1	0
22	0,25806	LM71C	-359,9972	22-1	0,25806
22	0	LM71SX	-359,9694	22-1	0
22	0,25806	LM71SX	-343,5216	22-1	0,25806
22	0	LM71DX	-382,2687	22-1	0
22	0,25806	LM71DX	-371,3207	22-1	0,25806
22	0	STLM71	-30,6254	22-1	0
22	0,25806	STLM71	-45,8145	22-1	0,25806
22	0	AVVLM71	-87,8595	22-1	0
22	0,25806	AVVLM71	-111,4371	22-1	0,25806
22	0	SW2	-362,8972	22-1	0
22	0,25806	SW2	-349,4016	22-1	0,25806
22	0	STSW2	-52,211	22-1	0
22	0,25806	STSW2	-78,1056	22-1	0,25806
22	0	FRENSW2	-93,1791	22-1	0
22	0,25806	FRENSW2	-118,1843	22-1	0,25806
22	0	SERP	0	22-1	0
22	0,25806	SERP	0	22-1	0,25806
22	0	INCRTER	-194,7916	22-1	0
22	0,25806	INCRTER	-291,4008	22-1	0,25806
22	0	LM71SISO	-32,5183	22-1	0
22	0,25806	LM71SISO	-41,2448	22-1	0,25806
22	0	SW2SISO	-27,5419	22-1	0
22	0,25806	SW2SISO	-34,9329	22-1	0,25806
22	0	SISMAO	-159,8102	22-1	0
22	0,25806	SISMAO	-202,835	22-1	0,25806
22	0	LM71SVA	13,318	22-1	0
22	0,25806	LM71SVA	12,8227	22-1	0,25806
22	0	SW2SVA	11,2478	22-1	0
22	0,25806	SW2SVA	10,8295	22-1	0,25806
22	0	SISMAVA	87,4182	22-1	0
22	0,25806	SISMAVA	83,882	22-1	0,25806
22	0	LM71SVB	-13,318	22-1	0
22	0,25806	LM71SVB	-12,8227	22-1	0,25806
22	0	SW2SVB	-11,2478	22-1	0
22	0,25806	SW2SVB	-10,8295	22-1	0,25806
22	0	SISMAVB	-87,4182	22-1	0
22	0,25806	SISMAVB	-83,882	22-1	0,25806
23	0	PP	-429,366	23-1	0
23	0,25806	PP	-406,2235	23-1	0,25806
23	0	REINTSUP	-15,9453	23-1	0
23	0,25806	REINTSUP	-15,1744	23-1	0,25806
23	0	BALLAST	-95,6719	23-1	0
23	0,25806	BALLAST	-91,0463	23-1	0,25806
23	0	STERRASX	-134,6567	23-1	0
23	0,25806	STERRASX	-190,0732	23-1	0,25806
23	0	STERRADX	409,4404	23-1	0
23	0,25806	STERRADX	465,3563	23-1	0,25806
23	0	TERMP	-8,8608	23-1	0
23	0,25806	TERMP	-8,8769	23-1	0,25806
23	0	TERMN	26,5824	23-1	0
23	0,25806	TERMN	26,6308	23-1	0,25806
23	0	GRADTP	16,474	23-1	0
23	0,25806	GRADTP	16,5039	23-1	0,25806
23	0	GRADTN	-16,474	23-1	0
23	0,25806	GRADTN	-16,5039	23-1	0,25806
23	0	LM71C	-359,9972	23-1	0
23	0,25806	LM71C	-342,8557	23-1	0,25806
23	0	LM71SX	-343,5216	23-1	0
23	0,25806	LM71SX	-323,9526	23-1	0,25806
23	0	LM71DX	-371,3207	23-1	0
23	0,25806	LM71DX	-356,5974	23-1	0,25806
23	0	STLM71	-45,8145	23-1	0
23	0,25806	STLM71	-60,3495	23-1	0,25806
23	0	AVVLM71	-111,4371	23-1	0
23	0,25806	AVVLM71	-133,8692	23-1	0,25806
23	0	SW2	-349,4016	23-1	0
23	0,25806	SW2	-332,5087	23-1	0,25806
23	0	STSW2	-78,1056	23-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
23	0,25806	STSW2	-102,8853	23-1	0,25806
23	0	FRENSW2	-118,1843	23-1	0
23	0,25806	FRENSW2	-141,9746	23-1	0,25806
23	0	SERP	0	23-1	0
23	0,25806	SERP	0	23-1	0,25806
23	0	INCRTER	-291,4008	23-1	0
23	0,25806	INCRTER	-383,8501	23-1	0,25806
23	0	LM71SISO	-41,2448	23-1	0
23	0,25806	LM71SISO	-49,5473	23-1	0,25806
23	0	SW2SISO	-34,9329	23-1	0
23	0,25806	SW2SISO	-41,9649	23-1	0,25806
23	0	SISMAO	-202,835	23-1	0
23	0,25806	SISMAO	-243,8801	23-1	0,25806
23	0	LM71SVA	12,8227	23-1	0
23	0,25806	LM71SVA	12,2027	23-1	0,25806
23	0	SW2SVA	10,8295	23-1	0
23	0,25806	SW2SVA	10,3059	23-1	0,25806
23	0	SISMAVA	83,882	23-1	0
23	0,25806	SISMAVA	79,4561	23-1	0,25806
23	0	LM71SVB	-12,8227	23-1	0
23	0,25806	LM71SVB	-12,2027	23-1	0,25806
23	0	SW2SVB	-10,8295	23-1	0
23	0,25806	SW2SVB	-10,3059	23-1	0,25806
23	0	SISMAVB	-83,882	23-1	0
23	0,25806	SISMAVB	-79,4561	23-1	0,25806
24	0	PP	-406,2235	24-1	0
24	0,25806	PP	-378,4106	24-1	0,25806
24	0	REINTSUP	-15,1744	24-1	0
24	0,25806	REINTSUP	-14,2477	24-1	0,25806
24	0	BALLAST	-91,0463	24-1	0
24	0,25806	BALLAST	-85,4864	24-1	0,25806
24	0	STERRASX	-190,0732	24-1	0
24	0,25806	STERRASX	-242,5712	24-1	0,25806
24	0	STERRADX	465,3563	24-1	0
24	0,25806	STERRADX	518,4295	24-1	0,25806
24	0	TERMP	-8,8769	24-1	0
24	0,25806	TERMP	-8,8955	24-1	0,25806
24	0	TERMN	26,6308	24-1	0
24	0,25806	TERMN	26,6864	24-1	0,25806
24	0	GRADTP	16,5039	24-1	0
24	0,25806	GRADTP	16,5384	24-1	0,25806
24	0	GRADTN	-16,5039	24-1	0
24	0,25806	GRADTN	-16,5384	24-1	0,25806
24	0	LM71C	-342,8557	24-1	0
24	0,25806	LM71C	-322,2511	24-1	0,25806
24	0	LM71SX	-323,9526	24-1	0
24	0,25806	LM71SX	-301,3197	24-1	0,25806
24	0	LM71DX	-356,5974	24-1	0
24	0,25806	LM71DX	-338,0103	24-1	0,25806
24	0	STLM71	-60,3495	24-1	0
24	0,25806	STLM71	-74,0868	24-1	0,25806
24	0	AVVLM71	-133,8692	24-1	0
24	0,25806	AVVLM71	-154,8993	24-1	0,25806
24	0	SW2	-332,5087	24-1	0
24	0,25806	SW2	-312,2035	24-1	0,25806
24	0	STSW2	-102,8853	24-1	0
24	0,25806	STSW2	-126,305	24-1	0,25806
24	0	FRENSW2	-141,9746	24-1	0
24	0,25806	FRENSW2	-164,278	24-1	0,25806
24	0	SERP	0	24-1	0
24	0,25806	SERP	0	24-1	0,25806
24	0	INCRTER	-383,8501	24-1	0
24	0,25806	INCRTER	-471,2255	24-1	0,25806
24	0	LM71SISO	-49,5473	24-1	0
24	0,25806	LM71SISO	-57,3309	24-1	0,25806
24	0	SW2SISO	-41,9649	24-1	0
24	0,25806	SW2SISO	-48,5573	24-1	0,25806
24	0	SISMAO	-243,8801	24-1	0
24	0,25806	SISMAO	-282,5022	24-1	0,25806
24	0	LM71SVA	12,2027	24-1	0
24	0,25806	LM71SVA	11,4576	24-1	0,25806
24	0	SW2SVA	10,3059	24-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
24	0,25806	SW2SVA	9,6766	24-1	0,25806
24	0	SISMAVA	79,4561	24-1	0
24	0,25806	SISMAVA	74,1369	24-1	0,25806
24	0	LM71SVB	-12,2027	24-1	0
24	0,25806	LM71SVB	-11,4576	24-1	0,25806
24	0	SW2SVB	-10,3059	24-1	0
24	0,25806	SW2SVB	-9,6766	24-1	0,25806
24	0	SISMAVB	-79,4561	24-1	0
24	0,25806	SISMAVB	-74,1369	24-1	0,25806
25	0	PP	-378,4106	25-1	0
25	0,25806	PP	-345,9049	25-1	0,25806
25	0	REINTSUP	-14,2477	25-1	0
25	0,25806	REINTSUP	-13,1645	25-1	0,25806
25	0	BALLAST	-85,4864	25-1	0
25	0,25806	BALLAST	-78,9872	25-1	0,25806
25	0	STERRASX	-242,5712	25-1	0
25	0,25806	STERRASX	-291,6272	25-1	0,25806
25	0	STERRADX	518,4295	25-1	0
25	0,25806	STERRADX	568,1234	25-1	0,25806
25	0	TERMP	-8,8955	25-1	0
25	0,25806	TERMP	-8,916	25-1	0,25806
25	0	TERMN	26,6864	25-1	0
25	0,25806	TERMN	26,7481	25-1	0,25806
25	0	GRADTP	16,5384	25-1	0
25	0,25806	GRADTP	16,5766	25-1	0,25806
25	0	GRADTN	-16,5384	25-1	0
25	0,25806	GRADTN	-16,5766	25-1	0,25806
25	0	LM71C	-322,2511	25-1	0
25	0,25806	LM71C	-298,1649	25-1	0,25806
25	0	LM71SX	-301,3197	25-1	0
25	0,25806	LM71SX	-275,6777	25-1	0,25806
25	0	LM71DX	-338,0103	25-1	0
25	0,25806	LM71DX	-315,468	25-1	0,25806
25	0	STLM71	-74,0868	25-1	0
25	0,25806	STLM71	-86,8821	25-1	0,25806
25	0	AVVLM71	-154,8993	25-1	0
25	0,25806	AVVLM71	-174,2699	25-1	0,25806
25	0	SW2	-312,2035	25-1	0
25	0,25806	SW2	-288,4679	25-1	0,25806
25	0	STSW2	-126,305	25-1	0
25	0,25806	STSW2	-148,1188	25-1	0,25806
25	0	FRENSW2	-164,278	25-1	0
25	0,25806	FRENSW2	-184,8213	25-1	0,25806
25	0	SERP	0	25-1	0
25	0,25806	SERP	0	25-1	0,25806
25	0	INCRTER	-471,2255	25-1	0
25	0,25806	INCRTER	-552,6097	25-1	0,25806
25	0	LM71SISO	-57,3309	25-1	0
25	0,25806	LM71SISO	-64,5003	25-1	0,25806
25	0	SW2SISO	-48,5573	25-1	0
25	0,25806	SW2SISO	-54,6295	25-1	0,25806
25	0	SISMAO	-282,5022	25-1	0
25	0,25806	SISMAO	-318,2559	25-1	0,25806
25	0	LM71SVA	11,4576	25-1	0
25	0,25806	LM71SVA	10,5865	25-1	0,25806
25	0	SW2SVA	9,6766	25-1	0
25	0,25806	SW2SVA	8,9409	25-1	0,25806
25	0	SISMAVA	74,1369	25-1	0
25	0,25806	SISMAVA	67,92	25-1	0,25806
25	0	LM71SVB	-11,4576	25-1	0
25	0,25806	LM71SVB	-10,5865	25-1	0,25806
25	0	SW2SVB	-9,6766	25-1	0
25	0,25806	SW2SVB	-8,9409	25-1	0,25806
25	0	SISMAVB	-74,1369	25-1	0
25	0,25806	SISMAVB	-67,92	25-1	0,25806
26	0	PP	-345,9049	26-1	0
26	0,25806	PP	-308,6811	26-1	0,25806
26	0	REINTSUP	-13,1645	26-1	0
26	0,25806	REINTSUP	-11,9239	26-1	0,25806
26	0	BALLAST	-78,9872	26-1	0
26	0,25806	BALLAST	-71,5431	26-1	0,25806
26	0	STERRASX	-291,6272	26-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
26	0,25806	STERRASX	-336,7153	26-1	0,25806
26	0	STERRADX	568,1234	26-1	0
26	0,25806	STERRADX	613,8969	26-1	0,25806
26	0	TERMP	-8,916	26-1	0
26	0,25806	TERMP	-8,9381	26-1	0,25806
26	0	TERMN	26,7481	26-1	0
26	0,25806	TERMN	26,8144	26-1	0,25806
26	0	GRADTP	16,5766	26-1	0
26	0,25806	GRADTP	16,6177	26-1	0,25806
26	0	GRADTN	-16,5766	26-1	0
26	0,25806	GRADTN	-16,6177	26-1	0,25806
26	0	LM71C	-298,1649	26-1	0
26	0,25806	LM71C	-270,576	26-1	0,25806
26	0	LM71SX	-275,6777	26-1	0
26	0,25806	LM71SX	-247,0788	26-1	0,25806
26	0	LM71DX	-315,468	26-1	0
26	0,25806	LM71DX	-288,8763	26-1	0,25806
26	0	STLM71	-86,8821	26-1	0
26	0,25806	STLM71	-98,5907	26-1	0,25806
26	0	AVVLM71	-174,2699	26-1	0
26	0,25806	AVVLM71	-191,722	26-1	0,25806
26	0	SW2	-288,4679	26-1	0
26	0,25806	SW2	-261,2815	26-1	0,25806
26	0	STSW2	-148,1188	26-1	0
26	0,25806	STSW2	-168,0798	26-1	0,25806
26	0	FRENSW2	-184,8213	26-1	0
26	0,25806	FRENSW2	-203,3302	26-1	0,25806
26	0	SERP	0	26-1	0
26	0,25806	SERP	0	26-1	0,25806
26	0	INCRTER	-552,6097	26-1	0
26	0,25806	INCRTER	-627,0814	26-1	0,25806
26	0	LM71SISO	-64,5003	26-1	0
26	0,25806	LM71SISO	-70,9596	26-1	0,25806
26	0	SW2SISO	-54,6295	26-1	0
26	0,25806	SW2SISO	-60,1003	26-1	0,25806
26	0	SISMAO	-318,2559	26-1	0
26	0,25806	SISMAO	-350,6936	26-1	0,25806
26	0	LM71SVA	10,5865	26-1	0
26	0,25806	LM71SVA	9,5888	26-1	0,25806
26	0	SW2SVA	8,9409	26-1	0
26	0,25806	SW2SVA	8,0983	26-1	0,25806
26	0	SISMAVA	67,92	26-1	0
26	0,25806	SISMAVA	60,8004	26-1	0,25806
26	0	LM71SVB	-10,5865	26-1	0
26	0,25806	LM71SVB	-9,5888	26-1	0,25806
26	0	SW2SVB	-8,9409	26-1	0
26	0,25806	SW2SVB	-8,0983	26-1	0,25806
26	0	SISMAVB	-67,92	26-1	0
26	0,25806	SISMAVB	-60,8004	26-1	0,25806
27	0	PP	-308,6811	27-1	0
27	0,25806	PP	-266,7109	27-1	0,25806
27	0	REINTSUP	-11,9239	27-1	0
27	0,25806	REINTSUP	-10,5246	27-1	0,25806
27	0	BALLAST	-71,5431	27-1	0
27	0,25806	BALLAST	-63,1478	27-1	0,25806
27	0	STERRASX	-336,7153	27-1	0
27	0,25806	STERRASX	-377,3075	27-1	0,25806
27	0	STERRADX	613,8969	27-1	0
27	0,25806	STERRADX	655,2043	27-1	0,25806
27	0	TERMP	-8,9381	27-1	0
27	0,25806	TERMP	-8,9612	27-1	0,25806
27	0	TERMN	26,8144	27-1	0
27	0,25806	TERMN	26,8836	27-1	0,25806
27	0	GRADTP	16,6177	27-1	0
27	0,25806	GRADTP	16,6606	27-1	0,25806
27	0	GRADTN	-16,6177	27-1	0
27	0,25806	GRADTN	-16,6606	27-1	0,25806
27	0	LM71C	-270,576	27-1	0
27	0,25806	LM71C	-239,4608	27-1	0,25806
27	0	LM71SX	-247,0788	27-1	0
27	0,25806	LM71SX	-215,5729	27-1	0,25806
27	0	LM71DX	-288,8763	27-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
27	0,25806	LM71DX	-258,1382	27-1	0,25806
27	0	STLM71	-98,5907	27-1	0
27	0,25806	STLM71	-109,0669	27-1	0,25806
27	0	AVVLM71	-191,722	27-1	0
27	0,25806	AVVLM71	-206,9954	27-1	0,25806
27	0	SW2	-261,2815	27-1	0
27	0,25806	SW2	-230,6212	27-1	0,25806
27	0	STSW2	-168,0798	27-1	0
27	0,25806	STSW2	-185,9399	27-1	0,25806
27	0	FRENSW2	-203,3302	27-1	0
27	0,25806	FRENSW2	-219,5284	27-1	0,25806
27	0	SERP	0	27-1	0
27	0,25806	SERP	0	27-1	0,25806
27	0	INCRTER	-627,0814	27-1	0
27	0,25806	INCRTER	-693,7148	27-1	0,25806
27	0	LM71SISO	-70,9596	27-1	0
27	0,25806	LM71SISO	-76,6126	27-1	0,25806
27	0	SW2SISO	-60,1003	27-1	0
27	0,25806	SW2SISO	-64,8882	27-1	0,25806
27	0	SISMAO	-350,6936	27-1	0
27	0,25806	SISMAO	-379,3649	27-1	0,25806
27	0	LM71SVA	9,5888	27-1	0
27	0,25806	LM71SVA	8,4636	27-1	0,25806
27	0	SW2SVA	8,0983	27-1	0
27	0,25806	SW2SVA	7,148	27-1	0,25806
27	0	SISMAVA	60,8004	27-1	0
27	0,25806	SISMAVA	52,7727	27-1	0,25806
27	0	LM71SVB	-9,5888	27-1	0
27	0,25806	LM71SVB	-8,4636	27-1	0,25806
27	0	SW2SVB	-8,0983	27-1	0
27	0,25806	SW2SVB	-7,148	27-1	0,25806
27	0	SISMAVB	-60,8004	27-1	0
27	0,25806	SISMAVB	-52,7727	27-1	0,25806
28	0	PP	-266,7109	28-1	0
28	0,25806	PP	-219,9634	28-1	0,25806
28	0	REINTSUP	-10,5246	28-1	0
28	0,25806	REINTSUP	-8,9657	28-1	0,25806
28	0	BALLAST	-63,1478	28-1	0
28	0,25806	BALLAST	-53,7945	28-1	0,25806
28	0	STERRASX	-377,3075	28-1	0
28	0,25806	STERRASX	-412,8729	28-1	0,25806
28	0	STERRADX	655,2043	28-1	0
28	0,25806	STERRADX	691,4951	28-1	0,25806
28	0	TERMP	-8,9612	28-1	0
28	0,25806	TERMP	-8,9846	28-1	0,25806
28	0	TERMN	26,8836	28-1	0
28	0,25806	TERMN	26,9538	28-1	0,25806
28	0	GRADTP	16,6606	28-1	0
28	0,25806	GRADTP	16,7041	28-1	0,25806
28	0	GRADTN	-16,6606	28-1	0
28	0,25806	GRADTN	-16,7041	28-1	0,25806
28	0	LM71C	-239,4608	28-1	0
28	0,25806	LM71C	-204,7933	28-1	0,25806
28	0	LM71SX	-215,5729	28-1	0
28	0,25806	LM71SX	-181,2079	28-1	0,25806
28	0	LM71DX	-258,1382	28-1	0
28	0,25806	LM71DX	-223,1547	28-1	0,25806
28	0	STLM71	-109,0669	28-1	0
28	0,25806	STLM71	-118,1643	28-1	0,25806
28	0	AVVLM71	-206,9954	28-1	0
28	0,25806	AVVLM71	-219,8283	28-1	0,25806
28	0	SW2	-230,6212	28-1	0
28	0,25806	SW2	-196,4619	28-1	0,25806
28	0	STSW2	-185,9399	28-1	0
28	0,25806	STSW2	-201,4495	28-1	0,25806
28	0	FRENSW2	-219,5284	28-1	0
28	0,25806	FRENSW2	-233,1382	28-1	0,25806
28	0	SERP	0	28-1	0
28	0,25806	SERP	0	28-1	0,25806
28	0	INCRTER	-693,7148	28-1	0
28	0,25806	INCRTER	-751,5788	28-1	0,25806
28	0	LM71SISO	-76,6126	28-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
28	0,25806	LM71SISO	-81,3622	28-1	0,25806
28	0	SW2SISO	-64,8882	28-1	0
28	0,25806	SW2SISO	-68,911	28-1	0,25806
28	0	SISMAO	-379,3649	28-1	0
28	0,25806	SISMAO	-403,8165	28-1	0,25806
28	0	LM71SVA	8,4636	28-1	0
28	0,25806	LM71SVA	7,21	28-1	0,25806
28	0	SW2SVA	7,148	28-1	0
28	0,25806	SW2SVA	6,0892	28-1	0,25806
28	0	SISMAVA	52,7727	28-1	0
28	0,25806	SISMAVA	43,8307	28-1	0,25806
28	0	LM71SVB	-8,4636	28-1	0
28	0,25806	LM71SVB	-7,21	28-1	0,25806
28	0	SW2SVB	-7,148	28-1	0
28	0,25806	SW2SVB	-6,0892	28-1	0,25806
28	0	SISMAVB	-52,7727	28-1	0
28	0,25806	SISMAVB	-43,8307	28-1	0,25806
29	0	PP	-219,9634	29-1	0
29	0,25806	PP	-168,4056	29-1	0,25806
29	0	REINTSUP	-8,9657	29-1	0
29	0,25806	REINTSUP	-7,2459	29-1	0,25806
29	0	BALLAST	-53,7945	29-1	0
29	0,25806	BALLAST	-43,4756	29-1	0,25806
29	0	STERRASX	-412,8729	29-1	0
29	0,25806	STERRASX	-442,8775	29-1	0,25806
29	0	STERRADX	691,4951	29-1	0
29	0,25806	STERRADX	722,2133	29-1	0,25806
29	0	TERMP	-8,9846	29-1	0
29	0,25806	TERMP	-9,0076	29-1	0,25806
29	0	TERMN	26,9538	29-1	0
29	0,25806	TERMN	27,0228	29-1	0,25806
29	0	GRADTP	16,7041	29-1	0
29	0,25806	GRADTP	16,7469	29-1	0,25806
29	0	GRADTN	-16,7041	29-1	0
29	0,25806	GRADTN	-16,7469	29-1	0,25806
29	0	LM71C	-204,7933	29-1	0
29	0,25806	LM71C	-166,5457	29-1	0,25806
29	0	LM71SX	-181,2079	29-1	0
29	0,25806	LM71SX	-144,0299	29-1	0,25806
29	0	LM71DX	-223,1547	29-1	0
29	0,25806	LM71DX	-183,824	29-1	0,25806
29	0	STLM71	-118,1643	29-1	0
29	0,25806	STLM71	-125,7358	29-1	0,25806
29	0	AVVLM71	-219,8283	29-1	0
29	0,25806	AVVLM71	-229,957	29-1	0,25806
29	0	SW2	-196,4619	29-1	0
29	0,25806	SW2	-158,7767	29-1	0,25806
29	0	STSW2	-201,4495	29-1	0
29	0,25806	STSW2	-214,3575	29-1	0,25806
29	0	FRENSW2	-233,1382	29-1	0
29	0,25806	FRENSW2	-243,8802	29-1	0,25806
29	0	SERP	0	29-1	0
29	0,25806	SERP	0	29-1	0,25806
29	0	INCRTER	-751,5788	29-1	0
29	0,25806	INCRTER	-799,7367	29-1	0,25806
29	0	LM71SISO	-81,3622	29-1	0
29	0,25806	LM71SISO	-85,111	29-1	0,25806
29	0	SW2SISO	-68,911	29-1	0
29	0,25806	SW2SISO	-72,0861	29-1	0,25806
29	0	SISMAO	-403,8165	29-1	0
29	0,25806	SISMAO	-423,5922	29-1	0,25806
29	0	LM71SVA	7,21	29-1	0
29	0,25806	LM71SVA	5,8269	29-1	0,25806
29	0	SW2SVA	6,0892	29-1	0
29	0,25806	SW2SVA	4,9212	29-1	0,25806
29	0	SISMAVA	43,8307	29-1	0
29	0,25806	SISMAVA	33,9681	29-1	0,25806
29	0	LM71SVB	-7,21	29-1	0
29	0,25806	LM71SVB	-5,8269	29-1	0,25806
29	0	SW2SVB	-6,0892	29-1	0
29	0,25806	SW2SVB	-4,9212	29-1	0,25806
29	0	SISMAVB	-43,8307	29-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
29	0,25806	SISMAVB	-33,9681	29-1	0,25806
30	0	PP	-168,4056	30-1	0
30	0,25806	PP	-112,0024	30-1	0,25806
30	0	REINTSUP	-7,2459	30-1	0
30	0,25806	REINTSUP	-5,3639	30-1	0,25806
30	0	BALLAST	-43,4756	30-1	0
30	0,25806	BALLAST	-32,1835	30-1	0,25806
30	0	STERRASX	-442,8775	30-1	0
30	0,25806	STERRASX	-466,7837	30-1	0,25806
30	0	STERRADX	722,2133	30-1	0
30	0,25806	STERRADX	746,797	30-1	0,25806
30	0	TERMP	-9,0076	30-1	0
30	0,25806	TERMP	-9,0295	30-1	0,25806
30	0	TERMN	27,0228	30-1	0
30	0,25806	TERMN	27,0884	30-1	0,25806
30	0	GRADTP	16,7469	30-1	0
30	0,25806	GRADTP	16,7875	30-1	0,25806
30	0	GRADTN	-16,7469	30-1	0
30	0,25806	GRADTN	-16,7875	30-1	0,25806
30	0	LM71C	-166,5457	30-1	0
30	0,25806	LM71C	-124,6883	30-1	0,25806
30	0	LM71SX	-144,0299	30-1	0
30	0,25806	LM71SX	-104,0834	30-1	0,25806
30	0	LM71DX	-183,824	30-1	0
30	0,25806	LM71DX	-140,043	30-1	0,25806
30	0	STLM71	-125,7358	30-1	0
30	0,25806	STLM71	-131,6329	30-1	0,25806
30	0	AVVLM71	-229,957	30-1	0
30	0,25806	AVVLM71	-237,1161	30-1	0,25806
30	0	SW2	-158,7767	30-1	0
30	0,25806	SW2	-117,5367	30-1	0,25806
30	0	STSW2	-214,3575	30-1	0
30	0,25806	STSW2	-224,4111	30-1	0,25806
30	0	FRENSW2	-243,8802	30-1	0
30	0,25806	FRENSW2	-251,4727	30-1	0,25806
30	0	SERP	0	30-1	0
30	0,25806	SERP	0	30-1	0,25806
30	0	INCRTER	-799,7367	30-1	0
30	0,25806	INCRTER	-837,2453	30-1	0,25806
30	0	LM71SISO	-85,111	30-1	0
30	0,25806	LM71SISO	-87,7607	30-1	0,25806
30	0	SW2SISO	-72,0861	30-1	0
30	0,25806	SW2SISO	-74,3303	30-1	0,25806
30	0	SISMAO	-423,5922	30-1	0
30	0,25806	SISMAO	-438,2321	30-1	0,25806
30	0	LM71SVA	5,8269	30-1	0
30	0,25806	LM71SVA	4,3135	30-1	0,25806
30	0	SW2SVA	4,9212	30-1	0
30	0,25806	SW2SVA	3,643	30-1	0,25806
30	0	SISMAVA	33,9681	30-1	0
30	0,25806	SISMAVA	23,1779	30-1	0,25806
30	0	LM71SVB	-5,8269	30-1	0
30	0,25806	LM71SVB	-4,3135	30-1	0,25806
30	0	SW2SVB	-4,9212	30-1	0
30	0,25806	SW2SVB	-3,643	30-1	0,25806
30	0	SISMAVB	-33,9681	30-1	0
30	0,25806	SISMAVB	-23,1779	30-1	0,25806
31	0	PP	-112,0024	31-1	0
31	0,25806	PP	-50,7174	31-1	0,25806
31	0	REINTSUP	-5,3639	31-1	0
31	0,25806	REINTSUP	-3,3183	31-1	0,25806
31	0	BALLAST	-32,1835	31-1	0
31	0,25806	BALLAST	-19,9097	31-1	0,25806
31	0	STERRASX	-466,7837	31-1	0
31	0,25806	STERRASX	-484,0503	31-1	0,25806
31	0	STERRADX	746,797	31-1	0
31	0,25806	STERRADX	764,6789	31-1	0,25806
31	0	TERMP	-9,0295	31-1	0
31	0,25806	TERMP	-9,0493	31-1	0,25806
31	0	TERMN	27,0884	31-1	0
31	0,25806	TERMN	27,1479	31-1	0,25806
31	0	GRADTP	16,7875	31-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
31	0,25806	GRADTP	16,8244	31-1	0,25806
31	0	GRADTN	-16,7875	31-1	0
31	0,25806	GRADTN	-16,8244	31-1	0,25806
31	0	LM71C	-124,6883	31-1	0
31	0,25806	LM71C	-79,1901	31-1	0,25806
31	0	LM71SX	-104,0834	31-1	0
31	0,25806	LM71SX	-61,4119	31-1	0,25806
31	0	LM71DX	-140,043	31-1	0
31	0,25806	LM71DX	-91,7067	31-1	0,25806
31	0	STLM71	-131,6329	31-1	0
31	0,25806	STLM71	-135,7065	31-1	0,25806
31	0	AVVLM71	-237,1161	31-1	0
31	0,25806	AVVLM71	-241,0383	31-1	0,25806
31	0	SW2	-117,5367	31-1	0
31	0,25806	SW2	-72,7118	31-1	0,25806
31	0	STSW2	-224,4111	31-1	0
31	0,25806	STSW2	-231,3558	31-1	0,25806
31	0	FRENSW2	-251,4727	31-1	0
31	0,25806	FRENSW2	-255,6324	31-1	0,25806
31	0	SERP	0	31-1	0
31	0,25806	SERP	0	31-1	0,25806
31	0	INCRTER	-837,2453	31-1	0
31	0,25806	INCRTER	-863,1548	31-1	0,25806
31	0	LM71SISO	-87,7607	31-1	0
31	0,25806	LM71SISO	-89,2124	31-1	0,25806
31	0	SW2SISO	-74,3303	31-1	0
31	0,25806	SW2SISO	-75,5598	31-1	0,25806
31	0	SISMAO	-438,2321	31-1	0
31	0,25806	SISMAO	-447,273	31-1	0,25806
31	0	LM71SVA	4,3135	31-1	0
31	0,25806	LM71SVA	2,6685	31-1	0,25806
31	0	SW2SVA	3,643	31-1	0
31	0,25806	SW2SVA	2,2537	31-1	0,25806
31	0	SISMAVA	23,1779	31-1	0
31	0,25806	SISMAVA	11,453	31-1	0,25806
31	0	LM71SVB	-4,3135	31-1	0
31	0,25806	LM71SVB	-2,6685	31-1	0,25806
31	0	SW2SVB	-3,643	31-1	0
31	0,25806	SW2SVB	-2,2537	31-1	0,25806
31	0	SISMAVB	-23,1779	31-1	0
31	0,25806	SISMAVB	-11,453	31-1	0,25806
32	0	PP	-50,7174	32-1	0
32	0,25806	PP	15,4871	32-1	0,25806
32	0	REINTSUP	-3,3183	32-1	0
32	0,25806	REINTSUP	-1,1076	32-1	0,25806
32	0	BALLAST	-19,9097	32-1	0
32	0,25806	BALLAST	-6,6458	32-1	0,25806
32	0	STERRASX	-484,0503	32-1	0
32	0,25806	STERRASX	-494,1323	32-1	0,25806
32	0	STERRADX	764,6789	32-1	0
32	0,25806	STERRADX	775,285	32-1	0,25806
32	0	TERMP	-9,0493	32-1	0
32	0,25806	TERMP	-9,0662	32-1	0,25806
32	0	TERMN	27,1479	32-1	0
32	0,25806	TERMN	27,1986	32-1	0,25806
32	0	GRADTP	16,8244	32-1	0
32	0,25806	GRADTP	16,8558	32-1	0,25806
32	0	GRADTN	-16,8244	32-1	0
32	0,25806	GRADTN	-16,8558	32-1	0,25806
32	0	LM71C	-79,1901	32-1	0
32	0,25806	LM71C	-30,0189	32-1	0,25806
32	0	LM71SX	-61,4119	32-1	0
32	0,25806	LM71SX	-16,0576	32-1	0,25806
32	0	LM71DX	-91,7067	32-1	0
32	0,25806	LM71DX	-38,7088	32-1	0,25806
32	0	STLM71	-135,7065	32-1	0
32	0,25806	STLM71	-137,806	32-1	0,25806
32	0	AVVLM71	-241,0383	32-1	0
32	0,25806	AVVLM71	-241,4542	32-1	0,25806
32	0	SW2	-72,7118	32-1	0
32	0,25806	SW2	-24,2711	32-1	0,25806
32	0	STSW2	-231,3558	32-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
32	0,25806	STSW2	-234,9351	32-1	0,25806
32	0	FRENSW2	-255,6324	32-1	0
32	0,25806	FRENSW2	-256,0735	32-1	0,25806
32	0	SERP	0	32-1	0
32	0,25806	SERP	0	32-1	0,25806
32	0	INCRTER	-863,1548	32-1	0
32	0,25806	INCRTER	-876,5086	32-1	0,25806
32	0	LM71SISO	-89,2124	32-1	0
32	0,25806	LM71SISO	-89,3663	32-1	0,25806
32	0	SW2SISO	-75,5598	32-1	0
32	0,25806	SW2SISO	-75,6902	32-1	0,25806
32	0	SISMAO	-447,273	32-1	0
32	0,25806	SISMAO	-450,2481	32-1	0,25806
32	0	LM71SVA	2,6685	32-1	0
32	0,25806	LM71SVA	0,8907	32-1	0,25806
32	0	SW2SVA	2,2537	32-1	0
32	0,25806	SW2SVA	0,7523	32-1	0,25806
32	0	SISMAVA	11,453	32-1	0
32	0,25806	SISMAVA	-1,2139	32-1	0,25806
32	0	LM71SVB	-2,6685	32-1	0
32	0,25806	LM71SVB	-0,8907	32-1	0,25806
32	0	SW2SVB	-2,2537	32-1	0
32	0,25806	SW2SVB	-0,7523	32-1	0,25806
32	0	SISMAVB	-11,453	32-1	0
32	0,25806	SISMAVB	1,2139	32-1	0,25806
33	0	PP	15,4871	33-1	0
33	0,25806	PP	86,649	33-1	0,25806
33	0	REINTSUP	-1,1076	33-1	0
33	0,25806	REINTSUP	1,2695	33-1	0,25806
33	0	BALLAST	-6,6458	33-1	0
33	0,25806	BALLAST	7,6169	33-1	0,25806
33	0	STERRASX	-494,1323	33-1	0
33	0,25806	STERRASX	-496,4804	33-1	0,25806
33	0	STERRADX	775,285	33-1	0
33	0,25806	STERRADX	778,0353	33-1	0,25806
33	0	TERMP	-9,0662	33-1	0
33	0,25806	TERMP	-9,0792	33-1	0,25806
33	0	TERMN	27,1986	33-1	0
33	0,25806	TERMN	27,2375	33-1	0,25806
33	0	GRADTP	16,8558	33-1	0
33	0,25806	GRADTP	16,8799	33-1	0,25806
33	0	GRADTN	-16,8558	33-1	0
33	0,25806	GRADTN	-16,8799	33-1	0,25806
33	0	LM71C	-30,0189	33-1	0
33	0,25806	LM71C	22,858	33-1	0,25806
33	0	LM71SX	-16,0576	33-1	0
33	0,25806	LM71SX	31,9375	33-1	0,25806
33	0	LM71DX	-38,7088	33-1	0
33	0,25806	LM71DX	19,0576	33-1	0,25806
33	0	STLM71	-137,806	33-1	0
33	0,25806	STLM71	-137,7799	33-1	0,25806
33	0	AVVLM71	-241,4542	33-1	0
33	0,25806	AVVLM71	-238,0925	33-1	0,25806
33	0	SW2	-24,2711	33-1	0
33	0,25806	SW2	27,8175	33-1	0,25806
33	0	STSW2	-234,9351	33-1	0
33	0,25806	STSW2	-234,8905	33-1	0,25806
33	0	FRENSW2	-256,0735	33-1	0
33	0,25806	FRENSW2	-252,5082	33-1	0,25806
33	0	SERP	0	33-1	0
33	0,25806	SERP	0	33-1	0,25806
33	0	INCRTER	-876,5086	33-1	0
33	0,25806	INCRTER	-876,3425	33-1	0,25806
33	0	LM71SISO	-89,3663	33-1	0
33	0,25806	LM71SISO	-88,1221	33-1	0,25806
33	0	SW2SISO	-75,6902	33-1	0
33	0,25806	SW2SISO	-74,6364	33-1	0,25806
33	0	SISMAO	-450,2481	33-1	0
33	0,25806	SISMAO	-446,6866	33-1	0,25806
33	0	LM71SVA	0,8907	33-1	0
33	0,25806	LM71SVA	-1,0209	33-1	0,25806
33	0	SW2SVA	0,7523	33-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
33	0,25806	SW2SVA	-0,8622	33-1	0,25806
33	0	SISMAVA	-1,2139	33-1	0
33	0,25806	SISMAVA	-14,8304	33-1	0,25806
33	0	LM71SVB	-0,8907	33-1	0
33	0,25806	LM71SVB	1,0209	33-1	0,25806
33	0	SW2SVB	-0,7523	33-1	0
33	0,25806	SW2SVB	0,8622	33-1	0,25806
33	0	SISMAVB	1,2139	33-1	0
33	0,25806	SISMAVB	14,8304	33-1	0,25806
34	0	PP	86,649	34-1	0
34	0,225	PP	152,7696	34-1	0,225
34	0	REINTSUP	1,2695	34-1	0
34	0,225	REINTSUP	3,4791	34-1	0,225
34	0	BALLAST	7,6169	34-1	0
34	0,225	BALLAST	20,8744	34-1	0,225
34	0	STERRASX	-496,4804	34-1	0
34	0,225	STERRASX	-491,7652	34-1	0,225
34	0	STERRADX	778,0353	34-1	0
34	0,225	STERRADX	773,5443	34-1	0,225
34	0	TERMP	-9,0792	34-1	0
34	0,225	TERMP	-9,0864	34-1	0,225
34	0	TERMN	27,2375	34-1	0
34	0,225	TERMN	27,2592	34-1	0,225
34	0	GRADTP	16,8799	34-1	0
34	0,225	GRADTP	16,8934	34-1	0,225
34	0	GRADTN	-16,8799	34-1	0
34	0,225	GRADTN	-16,8934	34-1	0,225
34	0	LM71C	22,858	34-1	0
34	0,225	LM71C	72,0113	34-1	0,225
34	0	LM71SX	31,9375	34-1	0
34	0,225	LM71SX	75,9042	34-1	0,225
34	0	LM71DX	19,0576	34-1	0
34	0,225	LM71DX	73,4017	34-1	0,225
34	0	STLM71	-137,7799	34-1	0
34	0,225	STLM71	-135,8979	34-1	0,225
34	0	AVVLM71	-238,0925	34-1	0
34	0,225	AVVLM71	-231,8558	34-1	0,225
34	0	SW2	27,8175	34-1	0
34	0,225	SW2	76,235	34-1	0,225
34	0	STSW2	-234,8905	34-1	0
34	0,225	STSW2	-231,6822	34-1	0,225
34	0	FRENSW2	-252,5082	34-1	0
34	0,225	FRENSW2	-245,894	34-1	0,225
34	0	SERP	0	34-1	0
34	0,225	SERP	0	34-1	0,225
34	0	INCRTER	-876,3425	34-1	0
34	0,225	INCRTER	-864,3726	34-1	0,225
34	0	LM71SISO	-88,1221	34-1	0
34	0,225	LM71SISO	-85,8138	34-1	0,225
34	0	SW2SISO	-74,6364	34-1	0
34	0,225	SW2SISO	-72,6814	34-1	0,225
34	0	SISMAO	-446,6866	34-1	0
34	0,225	SISMAO	-437,8604	34-1	0,225
34	0	LM71SVA	-1,0209	34-1	0
34	0,225	LM71SVA	-2,7977	34-1	0,225
34	0	SW2SVA	-0,8622	34-1	0
34	0,225	SW2SVA	-2,3629	34-1	0,225
34	0	SISMAVA	-14,8304	34-1	0
34	0,225	SISMAVA	-27,4832	34-1	0,225
34	0	LM71SVB	1,0209	34-1	0
34	0,225	LM71SVB	2,7977	34-1	0,225
34	0	SW2SVB	0,8622	34-1	0
34	0,225	SW2SVB	2,3629	34-1	0,225
34	0	SISMAVB	14,8304	34-1	0
34	0,225	SISMAVB	27,4832	34-1	0,225
35	0	PP	152,7696	35-1	0
35	0,225	PP	222,7126	35-1	0,225
35	0	REINTSUP	3,4791	35-1	0
35	0,225	REINTSUP	5,8173	35-1	0,225
35	0	BALLAST	20,8744	35-1	0
35	0,225	BALLAST	34,9036	35-1	0,225
35	0	STERRASX	-491,7652	35-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
35	0,225	STERRASX	-480,3809	35-1	0,225
35	0	STERRADX	773,5443	35-1	0
35	0,225	STERRADX	762,243	35-1	0,225
35	0	TERMP	-9,0864	35-1	0
35	0,225	TERMP	-9,0891	35-1	0,225
35	0	TERMN	27,2592	35-1	0
35	0,225	TERMN	27,2672	35-1	0,225
35	0	GRADTP	16,8934	35-1	0
35	0,225	GRADTP	16,8983	35-1	0,225
35	0	GRADTN	-16,8934	35-1	0
35	0,225	GRADTN	-16,8983	35-1	0,225
35	0	LM71C	72,0113	35-1	0
35	0,225	LM71C	124,0289	35-1	0,225
35	0	LM71SX	75,9042	35-1	0
35	0,225	LM71SX	121,8189	35-1	0,225
35	0	LM71DX	73,4017	35-1	0
35	0,225	LM71DX	131,5236	35-1	0,225
35	0	STLM71	-135,8979	35-1	0
35	0,225	STLM71	-132,1822	35-1	0,225
35	0	AVVLM71	-231,8558	35-1	0
35	0,225	AVVLM71	-222,3573	35-1	0,225
35	0	SW2	76,235	35-1	0
35	0,225	SW2	127,471	35-1	0,225
35	0	STSW2	-231,6822	35-1	0
35	0,225	STSW2	-225,3475	35-1	0,225
35	0	FRENSW2	-245,894	35-1	0
35	0,225	FRENSW2	-235,8204	35-1	0,225
35	0	SERP	0	35-1	0
35	0,225	SERP	0	35-1	0,225
35	0	INCRTER	-864,3726	35-1	0
35	0,225	INCRTER	-840,7386	35-1	0,225
35	0	LM71SISO	-85,8138	35-1	0
35	0,225	LM71SISO	-82,2983	35-1	0,225
35	0	SW2SISO	-72,6814	35-1	0
35	0,225	SW2SISO	-69,7038	35-1	0,225
35	0	SISMAO	-437,8604	35-1	0
35	0,225	SISMAO	-423,3879	35-1	0,225
35	0	LM71SVA	-2,7977	35-1	0
35	0,225	LM71SVA	-4,6781	35-1	0,225
35	0	SW2SVA	-2,3629	35-1	0
35	0,225	SW2SVA	-3,9509	35-1	0,225
35	0	SISMAVA	-27,4832	35-1	0
35	0,225	SISMAVA	-40,8684	35-1	0,225
35	0	LM71SVB	2,7977	35-1	0
35	0,225	LM71SVB	4,6781	35-1	0,225
35	0	SW2SVB	2,3629	35-1	0
35	0,225	SW2SVB	3,9509	35-1	0,225
35	0	SISMAVB	27,4832	35-1	0
35	0,225	SISMAVB	40,8684	35-1	0,225
36	0	PP	222,7126	36-1	0
36	0,125	PP	220,3628	36-1	0,125
36	0,25	PP	218,0129	36-1	0,25
36	0	REINTSUP	5,8173	36-1	0
36	0,125	REINTSUP	5,8442	36-1	0,125
36	0,25	REINTSUP	5,8712	36-1	0,25
36	0	BALLAST	34,9036	36-1	0
36	0,125	BALLAST	35,0654	36-1	0,125
36	0,25	BALLAST	35,2272	36-1	0,25
36	0	STERRASX	762,243	36-1	0
36	0,125	STERRASX	710,2626	36-1	0,125
36	0,25	STERRASX	659,734	36-1	0,25
36	0	STERRADX	-480,3809	36-1	0
36	0,125	STERRADX	-469,2239	36-1	0,125
36	0,25	STERRADX	-458,0669	36-1	0,25
36	0	TERMP	-9,0891	36-1	0
36	0,125	TERMP	-8,8717	36-1	0,125
36	0,25	TERMP	-8,6544	36-1	0,25
36	0	TERMN	27,2672	36-1	0
36	0,125	TERMN	26,6151	36-1	0,125
36	0,25	TERMN	25,9631	36-1	0,25
36	0	GRADTP	16,8983	36-1	0
36	0,125	GRADTP	15,8051	36-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
36	0,25	GRADTP	14,7119	36-1	0,25
36	0	GRADTN	-16,8983	36-1	0
36	0,125	GRADTN	-15,8051	36-1	0,125
36	0,25	GRADTN	-14,7119	36-1	0,25
36	0	LM71C	124,0289	36-1	0
36	0,125	LM71C	124,9776	36-1	0,125
36	0,25	LM71C	125,9262	36-1	0,25
36	0	LM71SX	131,5236	36-1	0
36	0,125	LM71SX	132,3013	36-1	0,125
36	0,25	LM71SX	133,0791	36-1	0,25
36	0	LM71DX	121,8189	36-1	0
36	0,125	LM71DX	122,5967	36-1	0,125
36	0,25	LM71DX	123,3744	36-1	0,25
36	0	STLM71	184,9452	36-1	0
36	0,125	STLM71	175,2964	36-1	0,125
36	0,25	STLM71	165,8128	36-1	0,25
36	0	AVVLM71	222,3573	36-1	0
36	0,125	AVVLM71	216,6613	36-1	0,125
36	0,25	AVVLM71	210,9653	36-1	0,25
36	0	SW2	127,471	36-1	0
36	0,125	SW2	128,0619	36-1	0,125
36	0,25	SW2	128,6528	36-1	0,25
36	0	STSW2	315,2991	36-1	0
36	0,125	STSW2	298,8497	36-1	0,125
36	0,25	STSW2	282,6819	36-1	0,25
36	0	FRENSW2	235,8204	36-1	0
36	0,125	FRENSW2	229,7795	36-1	0,125
36	0,25	FRENSW2	223,7386	36-1	0,25
36	0	SERP	0	36-1	0
36	0,125	SERP	0	36-1	0,125
36	0,25	SERP	0	36-1	0,25
36	0	INCRTER	1176,3352	36-1	0
36	0,125	INCRTER	1114,9649	36-1	0,125
36	0,25	INCRTER	1054,645	36-1	0,25
36	0	LM71SISO	82,2983	36-1	0
36	0,125	LM71SISO	80,1901	36-1	0,125
36	0,25	LM71SISO	78,0819	36-1	0,25
36	0	SW2SISO	69,7038	36-1	0
36	0,125	SW2SISO	67,9182	36-1	0,125
36	0,25	SW2SISO	66,1327	36-1	0,25
36	0	SISMAO	423,3879	36-1	0
36	0,125	SISMAO	409,7862	36-1	0,125
36	0,25	SISMAO	396,2818	36-1	0,25
36	0	LM71SVA	-4,6781	36-1	0
36	0,125	LM71SVA	-4,6997	36-1	0,125
36	0,25	LM71SVA	-4,7214	36-1	0,25
36	0	SW2SVA	-3,9509	36-1	0
36	0,125	SW2SVA	-3,9692	36-1	0,125
36	0,25	SW2SVA	-3,9875	36-1	0,25
36	0	SISMAVA	-40,8684	36-1	0
36	0,125	SISMAVA	-40,5328	36-1	0,125
36	0,25	SISMAVA	-40,1973	36-1	0,25
36	0	LM71SVB	4,6781	36-1	0
36	0,125	LM71SVB	4,6997	36-1	0,125
36	0,25	LM71SVB	4,7214	36-1	0,25
36	0	SW2SVB	3,9509	36-1	0
36	0,125	SW2SVB	3,9692	36-1	0,125
36	0,25	SW2SVB	3,9875	36-1	0,25
36	0	SISMAVB	40,8684	36-1	0
36	0,125	SISMAVB	40,5328	36-1	0,125
36	0,25	SISMAVB	40,1973	36-1	0,25
37	0	PP	-222,7126	37-1	0
37	0,125	PP	-220,3628	37-1	0,125
37	0,25	PP	-218,0129	37-1	0,25
37	0	REINTSUP	-5,8173	37-1	0
37	0,125	REINTSUP	-5,8442	37-1	0,125
37	0,25	REINTSUP	-5,8712	37-1	0,25
37	0	BALLAST	-34,9036	37-1	0
37	0,125	BALLAST	-35,0654	37-1	0,125
37	0,25	BALLAST	-35,2272	37-1	0,25
37	0	STERRASX	480,3809	37-1	0
37	0,125	STERRASX	469,2239	37-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
37	0,25	STERRASX	458,0669	37-1	0,25
37	0	STERRADX	-762,243	37-1	0
37	0,125	STERRADX	-710,2626	37-1	0,125
37	0,25	STERRADX	-659,734	37-1	0,25
37	0	TERMP	9,0891	37-1	0
37	0,125	TERMP	8,8717	37-1	0,125
37	0,25	TERMP	8,6544	37-1	0,25
37	0	TERMN	-27,2672	37-1	0
37	0,125	TERMN	-26,6151	37-1	0,125
37	0,25	TERMN	-25,9631	37-1	0,25
37	0	GRADTP	-16,8983	37-1	0
37	0,125	GRADTP	-15,8051	37-1	0,125
37	0,25	GRADTP	-14,7119	37-1	0,25
37	0	GRADTN	16,8983	37-1	0
37	0,125	GRADTN	15,8051	37-1	0,125
37	0,25	GRADTN	14,7119	37-1	0,25
37	0	LM71C	-124,0289	37-1	0
37	0,125	LM71C	-124,9776	37-1	0,125
37	0,25	LM71C	-125,9262	37-1	0,25
37	0	LM71SX	-121,8189	37-1	0
37	0,125	LM71SX	-122,5967	37-1	0,125
37	0,25	LM71SX	-123,3744	37-1	0,25
37	0	LM71DX	-131,5236	37-1	0
37	0,125	LM71DX	-132,3013	37-1	0,125
37	0,25	LM71DX	-133,0791	37-1	0,25
37	0	STLM71	132,1822	37-1	0
37	0,125	STLM71	129,0313	37-1	0,125
37	0,25	STLM71	125,8804	37-1	0,25
37	0	AVVLM71	222,3573	37-1	0
37	0,125	AVVLM71	216,6613	37-1	0,125
37	0,25	AVVLM71	210,9653	37-1	0,25
37	0	SW2	-127,471	37-1	0
37	0,125	SW2	-128,0619	37-1	0,125
37	0,25	SW2	-128,6528	37-1	0,25
37	0	STSW2	225,3475	37-1	0
37	0,125	STSW2	219,9758	37-1	0,125
37	0,25	STSW2	214,6041	37-1	0,25
37	0	FRENSW2	235,8204	37-1	0
37	0,125	FRENSW2	229,7795	37-1	0,125
37	0,25	FRENSW2	223,7386	37-1	0,25
37	0	SERP	0	37-1	0
37	0,125	SERP	0	37-1	0,125
37	0,25	SERP	0	37-1	0,25
37	0	INCRTER	840,7386	37-1	0
37	0,125	INCRTER	820,6976	37-1	0,125
37	0,25	INCRTER	800,6566	37-1	0,25
37	0	LM71SISO	82,2983	37-1	0
37	0,125	LM71SISO	80,1901	37-1	0,125
37	0,25	LM71SISO	78,0819	37-1	0,25
37	0	SW2SISO	69,7038	37-1	0
37	0,125	SW2SISO	67,9182	37-1	0,125
37	0,25	SW2SISO	66,1327	37-1	0,25
37	0	SISMAO	423,3879	37-1	0
37	0,125	SISMAO	409,7862	37-1	0,125
37	0,25	SISMAO	396,2818	37-1	0,25
37	0	LM71SVA	4,6781	37-1	0
37	0,125	LM71SVA	4,6997	37-1	0,125
37	0,25	LM71SVA	4,7214	37-1	0,25
37	0	SW2SVA	3,9509	37-1	0
37	0,125	SW2SVA	3,9692	37-1	0,125
37	0,25	SW2SVA	3,9875	37-1	0,25
37	0	SISMAVA	40,8684	37-1	0
37	0,125	SISMAVA	40,5328	37-1	0,125
37	0,25	SISMAVA	40,1973	37-1	0,25
37	0	LM71SVB	-4,6781	37-1	0
37	0,125	LM71SVB	-4,6997	37-1	0,125
37	0,25	LM71SVB	-4,7214	37-1	0,25
37	0	SW2SVB	-3,9509	37-1	0
37	0,125	SW2SVB	-3,9692	37-1	0,125
37	0,25	SW2SVB	-3,9875	37-1	0,25
37	0	SISMAVB	-40,8684	37-1	0
37	0,125	SISMAVB	-40,5328	37-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
37	0,25	SISMAVB	-40,1973	37-1	0,25
38	0	PP	218,0129	38-1	0
38	0,125	PP	215,663	38-1	0,125
38	0,25	PP	213,3132	38-1	0,25
38	0	REINTSUP	5,8712	38-1	0
38	0,125	REINTSUP	5,8982	38-1	0,125
38	0,25	REINTSUP	5,9251	38-1	0,25
38	0	BALLAST	35,2272	38-1	0
38	0,125	BALLAST	35,389	38-1	0,125
38	0,25	BALLAST	35,5508	38-1	0,25
38	0	STERRASX	659,734	38-1	0
38	0,125	STERRASX	610,6405	38-1	0,125
38	0,25	STERRASX	562,9655	38-1	0,25
38	0	STERRADX	-458,0669	38-1	0
38	0,125	STERRADX	-446,9099	38-1	0,125
38	0,25	STERRADX	-435,7529	38-1	0,25
38	0	TERMP	-8,6544	38-1	0
38	0,125	TERMP	-8,437	38-1	0,125
38	0,25	TERMP	-8,2196	38-1	0,25
38	0	TERMN	25,9631	38-1	0
38	0,125	TERMN	25,311	38-1	0,125
38	0,25	TERMN	24,6589	38-1	0,25
38	0	GRADTP	14,7119	38-1	0
38	0,125	GRADTP	13,6187	38-1	0,125
38	0,25	GRADTP	12,5255	38-1	0,25
38	0	GRADTN	-14,7119	38-1	0
38	0,125	GRADTN	-13,6187	38-1	0,125
38	0,25	GRADTN	-12,5255	38-1	0,25
38	0	LM71C	125,9262	38-1	0
38	0,125	LM71C	126,8749	38-1	0,125
38	0,25	LM71C	127,8236	38-1	0,25
38	0	LM71SX	133,0791	38-1	0
38	0,125	LM71SX	133,8568	38-1	0,125
38	0,25	LM71SX	134,6345	38-1	0,25
38	0	LM71DX	123,3744	38-1	0
38	0,125	LM71DX	124,1521	38-1	0,125
38	0,25	LM71DX	124,9298	38-1	0,25
38	0	STLM71	165,8128	38-1	0
38	0,125	STLM71	156,4944	38-1	0,125
38	0,25	STLM71	147,3412	38-1	0,25
38	0	AVVLM71	210,9653	38-1	0
38	0,125	AVVLM71	205,2693	38-1	0,125
38	0,25	AVVLM71	199,5733	38-1	0,25
38	0	SW2	128,6528	38-1	0
38	0,125	SW2	129,2437	38-1	0,125
38	0,25	SW2	129,8346	38-1	0,25
38	0	STSW2	282,6819	38-1	0
38	0,125	STSW2	266,7956	38-1	0,125
38	0,25	STSW2	251,1909	38-1	0,25
38	0	FRENSW2	223,7386	38-1	0
38	0,125	FRENSW2	217,6977	38-1	0,125
38	0,25	FRENSW2	211,6569	38-1	0,25
38	0	SERP	0	38-1	0
38	0,125	SERP	0	38-1	0,125
38	0,25	SERP	0	38-1	0,25
38	0	INCRTER	1054,645	38-1	0
38	0,125	INCRTER	995,3756	38-1	0,125
38	0,25	INCRTER	937,1567	38-1	0,25
38	0	LM71SISO	78,0819	38-1	0
38	0,125	LM71SISO	75,9737	38-1	0,125
38	0,25	LM71SISO	73,8655	38-1	0,25
38	0	SW2SISO	66,1327	38-1	0
38	0,125	SW2SISO	64,3471	38-1	0,125
38	0,25	SW2SISO	62,5616	38-1	0,25
38	0	SISMAO	396,2818	38-1	0
38	0,125	SISMAO	382,8748	38-1	0,125
38	0,25	SISMAO	369,5651	38-1	0,25
38	0	LM71SVA	-4,7214	38-1	0
38	0,125	LM71SVA	-4,7431	38-1	0,125
38	0,25	LM71SVA	-4,7648	38-1	0,25
38	0	SW2SVA	-3,9875	38-1	0
38	0,125	SW2SVA	-4,0058	38-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
38	0,25	SW2SVA	-4,0242	38-1	0,25
38	0	SISMAVA	-40,1973	38-1	0
38	0,125	SISMAVA	-39,8617	38-1	0,125
38	0,25	SISMAVA	-39,5262	38-1	0,25
38	0	LM71SVB	4,7214	38-1	0
38	0,125	LM71SVB	4,7431	38-1	0,125
38	0,25	LM71SVB	4,7648	38-1	0,25
38	0	SW2SVB	3,9875	38-1	0
38	0,125	SW2SVB	4,0058	38-1	0,125
38	0,25	SW2SVB	4,0242	38-1	0,25
38	0	SISMAVB	40,1973	38-1	0
38	0,125	SISMAVB	39,8617	38-1	0,125
38	0,25	SISMAVB	39,5262	38-1	0,25
39	0	PP	-218,0129	39-1	0
39	0,125	PP	-215,663	39-1	0,125
39	0,25	PP	-213,3132	39-1	0,25
39	0	REINTSUP	-5,8712	39-1	0
39	0,125	REINTSUP	-5,8982	39-1	0,125
39	0,25	REINTSUP	-5,9251	39-1	0,25
39	0	BALLAST	-35,2272	39-1	0
39	0,125	BALLAST	-35,389	39-1	0,125
39	0,25	BALLAST	-35,5508	39-1	0,25
39	0	STERRASX	458,0669	39-1	0
39	0,125	STERRASX	446,9099	39-1	0,125
39	0,25	STERRASX	435,7529	39-1	0,25
39	0	STERRADX	-659,734	39-1	0
39	0,125	STERRADX	-610,6405	39-1	0,125
39	0,25	STERRADX	-562,9655	39-1	0,25
39	0	TERMP	8,6544	39-1	0
39	0,125	TERMP	8,437	39-1	0,125
39	0,25	TERMP	8,2196	39-1	0,25
39	0	TERMN	-25,9631	39-1	0
39	0,125	TERMN	-25,311	39-1	0,125
39	0,25	TERMN	-24,6589	39-1	0,25
39	0	GRADTP	-14,7119	39-1	0
39	0,125	GRADTP	-13,6187	39-1	0,125
39	0,25	GRADTP	-12,5255	39-1	0,25
39	0	GRADTN	14,7119	39-1	0
39	0,125	GRADTN	13,6187	39-1	0,125
39	0,25	GRADTN	12,5255	39-1	0,25
39	0	LM71C	-125,9262	39-1	0
39	0,125	LM71C	-126,8749	39-1	0,125
39	0,25	LM71C	-127,8236	39-1	0,25
39	0	LM71SX	-123,3744	39-1	0
39	0,125	LM71SX	-124,1521	39-1	0,125
39	0,25	LM71SX	-124,9298	39-1	0,25
39	0	LM71DX	-133,0791	39-1	0
39	0,125	LM71DX	-133,8568	39-1	0,125
39	0,25	LM71DX	-134,6345	39-1	0,25
39	0	STLM71	125,8804	39-1	0
39	0,125	STLM71	122,7295	39-1	0,125
39	0,25	STLM71	119,5787	39-1	0,25
39	0	AVVLM71	210,9653	39-1	0
39	0,125	AVVLM71	205,2693	39-1	0,125
39	0,25	AVVLM71	199,5733	39-1	0,25
39	0	SW2	-128,6528	39-1	0
39	0,125	SW2	-129,2437	39-1	0,125
39	0,25	SW2	-129,8346	39-1	0,25
39	0	STSW2	214,6041	39-1	0
39	0,125	STSW2	209,2324	39-1	0,125
39	0,25	STSW2	203,8607	39-1	0,25
39	0	FRENSW2	223,7386	39-1	0
39	0,125	FRENSW2	217,6977	39-1	0,125
39	0,25	FRENSW2	211,6569	39-1	0,25
39	0	SERP	0	39-1	0
39	0,125	SERP	0	39-1	0,125
39	0,25	SERP	0	39-1	0,25
39	0	INCRTER	800,6566	39-1	0
39	0,125	INCRTER	780,6156	39-1	0,125
39	0,25	INCRTER	760,5746	39-1	0,25
39	0	LM71SISO	78,0819	39-1	0
39	0,125	LM71SISO	75,9737	39-1	0,125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
39	0,25	LM71SISO	73,8655	39-1	0,25
39	0	SW2SISO	66,1327	39-1	0
39	0,125	SW2SISO	64,3471	39-1	0,125
39	0,25	SW2SISO	62,5616	39-1	0,25
39	0	SISMAO	396,2818	39-1	0
39	0,125	SISMAO	382,8748	39-1	0,125
39	0,25	SISMAO	369,5651	39-1	0,25
39	0	LM71SVA	4,7214	39-1	0
39	0,125	LM71SVA	4,7431	39-1	0,125
39	0,25	LM71SVA	4,7648	39-1	0,25
39	0	SW2SVA	3,9875	39-1	0
39	0,125	SW2SVA	4,0058	39-1	0,125
39	0,25	SW2SVA	4,0242	39-1	0,25
39	0	SISMAVA	40,1973	39-1	0
39	0,125	SISMAVA	39,8617	39-1	0,125
39	0,25	SISMAVA	39,5262	39-1	0,25
39	0	LM71SVB	-4,7214	39-1	0
39	0,125	LM71SVB	-4,7431	39-1	0,125
39	0,25	LM71SVB	-4,7648	39-1	0,25
39	0	SW2SVB	-3,9875	39-1	0
39	0,125	SW2SVB	-4,0058	39-1	0,125
39	0,25	SW2SVB	-4,0242	39-1	0,25
39	0	SISMAVB	-40,1973	39-1	0
39	0,125	SISMAVB	-39,8617	39-1	0,125
39	0,25	SISMAVB	-39,5262	39-1	0,25
40	0	PP	213,3132	40-1	0
40	1,1	PP	192,6344	40-1	1,1
40	2,2	PP	171,9556	40-1	2,2
40	0	REINTSUP	5,9251	40-1	0
40	1,1	REINTSUP	6,1624	40-1	1,1
40	2,2	REINTSUP	6,3998	40-1	2,2
40	0	BALLAST	35,5508	40-1	0
40	1,1	BALLAST	36,9747	40-1	1,1
40	2,2	BALLAST	38,3985	40-1	2,2
40	0	STERRASX	562,9655	40-1	0
40	1,1	STERRASX	202,0041	40-1	1,1
40	2,2	STERRASX	-61,7519	40-1	2,2
40	0	STERRADX	-435,7529	40-1	0
40	1,1	STERRADX	-337,5713	40-1	1,1
40	2,2	STERRADX	-239,3897	40-1	2,2
40	0	TERMP	-8,2196	40-1	0
40	1,1	TERMP	-6,3069	40-1	1,1
40	2,2	TERMP	-4,3941	40-1	2,2
40	0	TERMN	24,6589	40-1	0
40	1,1	TERMN	18,9207	40-1	1,1
40	2,2	TERMN	13,1824	40-1	2,2
40	0	GRADTP	12,5255	40-1	0
40	1,1	GRADTP	2,9053	40-1	1,1
40	2,2	GRADTP	-6,715	40-1	2,2
40	0	GRADTN	-12,5255	40-1	0
40	1,1	GRADTN	-2,9053	40-1	1,1
40	2,2	GRADTN	6,715	40-1	2,2
40	0	LM71C	127,8236	40-1	0
40	1,1	LM71C	136,1718	40-1	1,1
40	2,2	LM71C	144,5201	40-1	2,2
40	0	LM71SX	134,6345	40-1	0
40	1,1	LM71SX	141,4785	40-1	1,1
40	2,2	LM71SX	148,3224	40-1	2,2
40	0	LM71DX	124,9298	40-1	0
40	1,1	LM71DX	131,7738	40-1	1,1
40	2,2	LM71DX	138,6178	40-1	2,2
40	0	STLM71	147,3412	40-1	0
40	1,1	STLM71	73,914	40-1	1,1
40	2,2	STLM71	13,2765	40-1	2,2
40	0	AVVLM71	199,5733	40-1	0
40	1,1	AVVLM71	149,4485	40-1	1,1
40	2,2	AVVLM71	99,3237	40-1	2,2
40	0	SW2	129,8346	40-1	0
40	1,1	SW2	135,0347	40-1	1,1
40	2,2	SW2	140,2347	40-1	2,2
40	0	STSW2	251,1909	40-1	0
40	1,1	STSW2	126,0104	40-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
40	2,2	STSW2	22,6341	40-1	2,2
40	0	FRENSW2	211,6569	40-1	0
40	1,1	FRENSW2	158,4972	40-1	1,1
40	2,2	FRENSW2	105,3375	40-1	2,2
40	0	SERP	0	40-1	0
40	1,1	SERP	0	40-1	1,1
40	2,2	SERP	0	40-1	2,2
40	0	INCRTER	937,1567	40-1	0
40	1,1	INCRTER	470,1265	40-1	1,1
40	2,2	INCRTER	84,4446	40-1	2,2
40	0	LM71SISO	73,8655	40-1	0
40	1,1	LM71SISO	55,3135	40-1	1,1
40	2,2	LM71SISO	36,7614	40-1	2,2
40	0	SW2SISO	62,5616	40-1	0
40	1,1	SW2SISO	46,8486	40-1	1,1
40	2,2	SW2SISO	31,1357	40-1	2,2
40	0	SISMAO	369,5651	40-1	0
40	1,1	SISMAO	256,6375	40-1	1,1
40	2,2	SISMAO	151,2481	40-1	2,2
40	0	LM71SVA	-4,7648	40-1	0
40	1,1	LM71SVA	-4,9556	40-1	1,1
40	2,2	LM71SVA	-5,1465	40-1	2,2
40	0	SW2SVA	-4,0242	40-1	0
40	1,1	SW2SVA	-4,1853	40-1	1,1
40	2,2	SW2SVA	-4,3465	40-1	2,2
40	0	SISMAVA	-39,5262	40-1	0
40	1,1	SISMAVA	-36,5733	40-1	1,1
40	2,2	SISMAVA	-33,6204	40-1	2,2
40	0	LM71SVB	4,7648	40-1	0
40	1,1	LM71SVB	4,9556	40-1	1,1
40	2,2	LM71SVB	5,1465	40-1	2,2
40	0	SW2SVB	4,0242	40-1	0
40	1,1	SW2SVB	4,1853	40-1	1,1
40	2,2	SW2SVB	4,3465	40-1	2,2
40	0	SISMAVB	39,5262	40-1	0
40	1,1	SISMAVB	36,5733	40-1	1,1
40	2,2	SISMAVB	33,6204	40-1	2,2
41	0	PP	-213,3132	41-1	0
41	1,1	PP	-192,6344	41-1	1,1
41	2,2	PP	-171,9556	41-1	2,2
41	0	REINTSUP	-5,9251	41-1	0
41	1,1	REINTSUP	-6,1624	41-1	1,1
41	2,2	REINTSUP	-6,3998	41-1	2,2
41	0	BALLAST	-35,5508	41-1	0
41	1,1	BALLAST	-36,9747	41-1	1,1
41	2,2	BALLAST	-38,3985	41-1	2,2
41	0	STERRASX	435,7529	41-1	0
41	1,1	STERRASX	337,5713	41-1	1,1
41	2,2	STERRASX	239,3897	41-1	2,2
41	0	STERRADX	-562,9655	41-1	0
41	1,1	STERRADX	-202,0041	41-1	1,1
41	2,2	STERRADX	61,7519	41-1	2,2
41	0	TERMP	8,2196	41-1	0
41	1,1	TERMP	6,3069	41-1	1,1
41	2,2	TERMP	4,3941	41-1	2,2
41	0	TERMN	-24,6589	41-1	0
41	1,1	TERMN	-18,9207	41-1	1,1
41	2,2	TERMN	-13,1824	41-1	2,2
41	0	GRADTP	-12,5255	41-1	0
41	1,1	GRADTP	-2,9053	41-1	1,1
41	2,2	GRADTP	6,715	41-1	2,2
41	0	GRADTN	12,5255	41-1	0
41	1,1	GRADTN	2,9053	41-1	1,1
41	2,2	GRADTN	-6,715	41-1	2,2
41	0	LM71C	-127,8236	41-1	0
41	1,1	LM71C	-136,1718	41-1	1,1
41	2,2	LM71C	-144,5201	41-1	2,2
41	0	LM71SX	-124,9298	41-1	0
41	1,1	LM71SX	-131,7738	41-1	1,1
41	2,2	LM71SX	-138,6178	41-1	2,2
41	0	LM71DX	-134,6345	41-1	0
41	1,1	LM71DX	-141,4785	41-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
41	2,2	LM71DX	-148,3224	41-1	2,2
41	0	STLM71	119,5787	41-1	0
41	1,1	STLM71	91,8509	41-1	1,1
41	2,2	STLM71	64,1232	41-1	2,2
41	0	AVVLM71	199,5733	41-1	0
41	1,1	AVVLM71	149,4485	41-1	1,1
41	2,2	AVVLM71	99,3237	41-1	2,2
41	0	SW2	-129,8346	41-1	0
41	1,1	SW2	-135,0347	41-1	1,1
41	2,2	SW2	-140,2347	41-1	2,2
41	0	STSW2	203,8607	41-1	0
41	1,1	STSW2	156,5898	41-1	1,1
41	2,2	STSW2	109,3189	41-1	2,2
41	0	FRENSW2	211,6569	41-1	0
41	1,1	FRENSW2	158,4972	41-1	1,1
41	2,2	FRENSW2	105,3375	41-1	2,2
41	0	SERP	0	41-1	0
41	1,1	SERP	0	41-1	1,1
41	2,2	SERP	0	41-1	2,2
41	0	INCRTER	760,5746	41-1	0
41	1,1	INCRTER	584,2137	41-1	1,1
41	2,2	INCRTER	407,8528	41-1	2,2
41	0	LM71SISO	73,8655	41-1	0
41	1,1	LM71SISO	55,3135	41-1	1,1
41	2,2	LM71SISO	36,7614	41-1	2,2
41	0	SW2SISO	62,5616	41-1	0
41	1,1	SW2SISO	46,8486	41-1	1,1
41	2,2	SW2SISO	31,1357	41-1	2,2
41	0	SISMAO	369,5651	41-1	0
41	1,1	SISMAO	256,6375	41-1	1,1
41	2,2	SISMAO	151,2481	41-1	2,2
41	0	LM71SVA	4,7648	41-1	0
41	1,1	LM71SVA	4,9556	41-1	1,1
41	2,2	LM71SVA	5,1465	41-1	2,2
41	0	SW2SVA	4,0242	41-1	0
41	1,1	SW2SVA	4,1853	41-1	1,1
41	2,2	SW2SVA	4,3465	41-1	2,2
41	0	SISMAVA	39,5262	41-1	0
41	1,1	SISMAVA	36,5733	41-1	1,1
41	2,2	SISMAVA	33,6204	41-1	2,2
41	0	LM71SVB	-4,7648	41-1	0
41	1,1	LM71SVB	-4,9556	41-1	1,1
41	2,2	LM71SVB	-5,1465	41-1	2,2
41	0	SW2SVB	-4,0242	41-1	0
41	1,1	SW2SVB	-4,1853	41-1	1,1
41	2,2	SW2SVB	-4,3465	41-1	2,2
41	0	SISMAVB	-39,5262	41-1	0
41	1,1	SISMAVB	-36,5733	41-1	1,1
41	2,2	SISMAVB	-33,6204	41-1	2,2
42	0	PP	171,9556	42-1	0
42	1,1	PP	151,2768	42-1	1,1
42	2,2	PP	130,598	42-1	2,2
42	0	REINTSUP	6,3998	42-1	0
42	1,1	REINTSUP	6,6371	42-1	1,1
42	2,2	REINTSUP	6,8744	42-1	2,2
42	0	BALLAST	38,3985	42-1	0
42	1,1	BALLAST	39,8224	42-1	1,1
42	2,2	BALLAST	41,2462	42-1	2,2
42	0	STERRASX	-61,7519	42-1	0
42	1,1	STERRASX	-239,6536	42-1	1,1
42	2,2	STERRASX	-343,0519	42-1	2,2
42	0	STERRADX	-239,3897	42-1	0
42	1,1	STERRADX	-141,2081	42-1	1,1
42	2,2	STERRADX	-43,0265	42-1	2,2
42	0	TERMP	-4,3941	42-1	0
42	1,1	TERMP	-2,4814	42-1	1,1
42	2,2	TERMP	-0,5687	42-1	2,2
42	0	TERMN	13,1824	42-1	0
42	1,1	TERMN	7,4442	42-1	1,1
42	2,2	TERMN	1,706	42-1	2,2
42	0	GRADTP	-6,715	42-1	0
42	1,1	GRADTP	-16,3352	42-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
42	2,2	GRADTP	-25,9554	42-1	2,2
42	0	GRADTN	6,715	42-1	0
42	1,1	GRADTN	16,3352	42-1	1,1
42	2,2	GRADTN	25,9554	42-1	2,2
42	0	LM71C	144,5201	42-1	0
42	1,1	LM71C	152,8684	42-1	1,1
42	2,2	LM71C	161,2167	42-1	2,2
42	0	LM71SX	148,3224	42-1	0
42	1,1	LM71SX	155,1664	42-1	1,1
42	2,2	LM71SX	162,0104	42-1	2,2
42	0	LM71DX	138,6178	42-1	0
42	1,1	LM71DX	145,4618	42-1	1,1
42	2,2	LM71DX	152,3057	42-1	2,2
42	0	STLM71	13,2765	42-1	0
42	1,1	STLM71	-34,5713	42-1	1,1
42	2,2	STLM71	-69,6294	42-1	2,2
42	0	AVVLM71	99,3237	42-1	0
42	1,1	AVVLM71	49,1989	42-1	1,1
42	2,2	AVVLM71	-0,9259	42-1	2,2
42	0	SW2	140,2347	42-1	0
42	1,1	SW2	145,4347	42-1	1,1
42	2,2	SW2	150,6347	42-1	2,2
42	0	STSW2	22,6341	42-1	0
42	1,1	STSW2	-58,938	42-1	1,1
42	2,2	STSW2	-118,7059	42-1	2,2
42	0	FRENSW2	105,3375	42-1	0
42	1,1	FRENSW2	52,1778	42-1	1,1
42	2,2	FRENSW2	-0,9819	42-1	2,2
42	0	SERP	0	42-1	0
42	1,1	SERP	0	42-1	1,1
42	2,2	SERP	0	42-1	2,2
42	0	INCRTER	84,4446	42-1	0
42	1,1	INCRTER	-219,8891	42-1	1,1
42	2,2	INCRTER	-442,8744	42-1	2,2
42	0	LM71SISO	36,7614	42-1	0
42	1,1	LM71SISO	18,2094	42-1	1,1
42	2,2	LM71SISO	-0,3427	42-1	2,2
42	0	SW2SISO	31,1357	42-1	0
42	1,1	SW2SISO	15,4227	42-1	1,1
42	2,2	SW2SISO	-0,2902	42-1	2,2
42	0	SISMAO	151,2481	42-1	0
42	1,1	SISMAO	53,3971	42-1	1,1
42	2,2	SISMAO	-36,9157	42-1	2,2
42	0	LM71SVA	-5,1465	42-1	0
42	1,1	LM71SVA	-5,3373	42-1	1,1
42	2,2	LM71SVA	-5,5281	42-1	2,2
42	0	SW2SVA	-4,3465	42-1	0
42	1,1	SW2SVA	-4,5077	42-1	1,1
42	2,2	SW2SVA	-4,6688	42-1	2,2
42	0	SISMAVA	-33,6204	42-1	0
42	1,1	SISMAVA	-30,6676	42-1	1,1
42	2,2	SISMAVA	-27,7147	42-1	2,2
42	0	LM71SVB	5,1465	42-1	0
42	1,1	LM71SVB	5,3373	42-1	1,1
42	2,2	LM71SVB	5,5281	42-1	2,2
42	0	SW2SVB	4,3465	42-1	0
42	1,1	SW2SVB	4,5077	42-1	1,1
42	2,2	SW2SVB	4,6688	42-1	2,2
42	0	SISMAVB	33,6204	42-1	0
42	1,1	SISMAVB	30,6676	42-1	1,1
42	2,2	SISMAVB	27,7147	42-1	2,2
43	0	PP	-171,9556	43-1	0
43	1,1	PP	-151,2768	43-1	1,1
43	2,2	PP	-130,598	43-1	2,2
43	0	REINTSUP	-6,3998	43-1	0
43	1,1	REINTSUP	-6,6371	43-1	1,1
43	2,2	REINTSUP	-6,8744	43-1	2,2
43	0	BALLAST	-38,3985	43-1	0
43	1,1	BALLAST	-39,8224	43-1	1,1
43	2,2	BALLAST	-41,2462	43-1	2,2
43	0	STERRASX	239,3897	43-1	0
43	1,1	STERRASX	141,2081	43-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
43	2,2	STERRASX	43,0265	43-1	2,2
43	0	STERRADX	61,7519	43-1	0
43	1,1	STERRADX	239,6536	43-1	1,1
43	2,2	STERRADX	343,0519	43-1	2,2
43	0	TERMP	4,3941	43-1	0
43	1,1	TERMP	2,4814	43-1	1,1
43	2,2	TERMP	0,5687	43-1	2,2
43	0	TERMN	-13,1824	43-1	0
43	1,1	TERMN	-7,4442	43-1	1,1
43	2,2	TERMN	-1,706	43-1	2,2
43	0	GRADTP	6,715	43-1	0
43	1,1	GRADTP	16,3352	43-1	1,1
43	2,2	GRADTP	25,9554	43-1	2,2
43	0	GRADTN	-6,715	43-1	0
43	1,1	GRADTN	-16,3352	43-1	1,1
43	2,2	GRADTN	-25,9554	43-1	2,2
43	0	LM71C	-144,5201	43-1	0
43	1,1	LM71C	-152,8684	43-1	1,1
43	2,2	LM71C	-161,2167	43-1	2,2
43	0	LM71SX	-138,6178	43-1	0
43	1,1	LM71SX	-145,4618	43-1	1,1
43	2,2	LM71SX	-152,3057	43-1	2,2
43	0	LM71DX	-148,3224	43-1	0
43	1,1	LM71DX	-155,1664	43-1	1,1
43	2,2	LM71DX	-162,0104	43-1	2,2
43	0	STLM71	64,1232	43-1	0
43	1,1	STLM71	36,3955	43-1	1,1
43	2,2	STLM71	8,6678	43-1	2,2
43	0	AVVLM71	99,3237	43-1	0
43	1,1	AVVLM71	49,1989	43-1	1,1
43	2,2	AVVLM71	-0,9259	43-1	2,2
43	0	SW2	-140,2347	43-1	0
43	1,1	SW2	-145,4347	43-1	1,1
43	2,2	SW2	-150,6347	43-1	2,2
43	0	STSW2	109,3189	43-1	0
43	1,1	STSW2	62,048	43-1	1,1
43	2,2	STSW2	14,7771	43-1	2,2
43	0	FRENSW2	105,3375	43-1	0
43	1,1	FRENSW2	52,1778	43-1	1,1
43	2,2	FRENSW2	-0,9819	43-1	2,2
43	0	SERP	0	43-1	0
43	1,1	SERP	0	43-1	1,1
43	2,2	SERP	0	43-1	2,2
43	0	INCRTER	407,8528	43-1	0
43	1,1	INCRTER	231,4919	43-1	1,1
43	2,2	INCRTER	55,1311	43-1	2,2
43	0	LM71SISO	36,7614	43-1	0
43	1,1	LM71SISO	18,2094	43-1	1,1
43	2,2	LM71SISO	-0,3427	43-1	2,2
43	0	SW2SISO	31,1357	43-1	0
43	1,1	SW2SISO	15,4227	43-1	1,1
43	2,2	SW2SISO	-0,2902	43-1	2,2
43	0	SISMAO	151,2481	43-1	0
43	1,1	SISMAO	53,3971	43-1	1,1
43	2,2	SISMAO	-36,9157	43-1	2,2
43	0	LM71SVA	5,1465	43-1	0
43	1,1	LM71SVA	5,3373	43-1	1,1
43	2,2	LM71SVA	5,5281	43-1	2,2
43	0	SW2SVA	4,3465	43-1	0
43	1,1	SW2SVA	4,5077	43-1	1,1
43	2,2	SW2SVA	4,6688	43-1	2,2
43	0	SISMAVA	33,6204	43-1	0
43	1,1	SISMAVA	30,6676	43-1	1,1
43	2,2	SISMAVA	27,7147	43-1	2,2
43	0	LM71SVB	-5,1465	43-1	0
43	1,1	LM71SVB	-5,3373	43-1	1,1
43	2,2	LM71SVB	-5,5281	43-1	2,2
43	0	SW2SVB	-4,3465	43-1	0
43	1,1	SW2SVB	-4,5077	43-1	1,1
43	2,2	SW2SVB	-4,6688	43-1	2,2
43	0	SISMAVB	-33,6204	43-1	0
43	1,1	SISMAVB	-30,6676	43-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
43	2,2	SISMAVB	-27,7147	43-1	2,2
44	0	PP	130,598	44-1	0
44	1,1	PP	109,9193	44-1	1,1
44	2,2	PP	89,2405	44-1	2,2
44	0	REINTSUP	6,8744	44-1	0
44	1,1	REINTSUP	7,1117	44-1	1,1
44	2,2	REINTSUP	7,349	44-1	2,2
44	0	BALLAST	41,2462	44-1	0
44	1,1	BALLAST	42,6701	44-1	1,1
44	2,2	BALLAST	44,0939	44-1	2,2
44	0	STERRASX	-343,0519	44-1	0
44	1,1	STERRASX	-383,2979	44-1	1,1
44	2,2	STERRASX	-371,7427	44-1	2,2
44	0	STERRADX	-43,0265	44-1	0
44	1,1	STERRADX	55,1551	44-1	1,1
44	2,2	STERRADX	153,3367	44-1	2,2
44	0	TERMP	-0,5687	44-1	0
44	1,1	TERMP	1,3441	44-1	1,1
44	2,2	TERMP	3,2568	44-1	2,2
44	0	TERMN	1,706	44-1	0
44	1,1	TERMN	-4,0323	44-1	1,1
44	2,2	TERMN	-9,7705	44-1	2,2
44	0	GRADTP	-25,9554	44-1	0
44	1,1	GRADTP	-35,5757	44-1	1,1
44	2,2	GRADTP	-45,1959	44-1	2,2
44	0	GRADTN	25,9554	44-1	0
44	1,1	GRADTN	35,5757	44-1	1,1
44	2,2	GRADTN	45,1959	44-1	2,2
44	0	LM71C	161,2167	44-1	0
44	1,1	LM71C	169,565	44-1	1,1
44	2,2	LM71C	177,9133	44-1	2,2
44	0	LM71SX	162,0104	44-1	0
44	1,1	LM71SX	168,8544	44-1	1,1
44	2,2	LM71SX	175,6983	44-1	2,2
44	0	LM71DX	152,3057	44-1	0
44	1,1	LM71DX	159,1497	44-1	1,1
44	2,2	LM71DX	165,9937	44-1	2,2
44	0	STLM71	-69,6294	44-1	0
44	1,1	STLM71	-91,8977	44-1	1,1
44	2,2	STLM71	-101,3764	44-1	2,2
44	0	AVVLM71	-0,9259	44-1	0
44	1,1	AVVLM71	-51,0507	44-1	1,1
44	2,2	AVVLM71	-101,1755	44-1	2,2
44	0	SW2	150,6347	44-1	0
44	1,1	SW2	155,8347	44-1	1,1
44	2,2	SW2	161,0347	44-1	2,2
44	0	STSW2	-118,7059	44-1	0
44	1,1	STSW2	-156,6696	44-1	1,1
44	2,2	STSW2	-172,8291	44-1	2,2
44	0	FRENSW2	-0,9819	44-1	0
44	1,1	FRENSW2	-54,1416	44-1	1,1
44	2,2	FRENSW2	-107,3013	44-1	2,2
44	0	SERP	0	44-1	0
44	1,1	SERP	0	44-1	1,1
44	2,2	SERP	0	44-1	2,2
44	0	INCRTER	-442,8744	44-1	0
44	1,1	INCRTER	-584,5114	44-1	1,1
44	2,2	INCRTER	-644,8001	44-1	2,2
44	0	LM71SISO	-0,3427	44-1	0
44	1,1	LM71SISO	-18,8947	44-1	1,1
44	2,2	LM71SISO	-37,4468	44-1	2,2
44	0	SW2SISO	-0,2902	44-1	0
44	1,1	SW2SISO	-16,0032	44-1	1,1
44	2,2	SW2SISO	-31,7161	44-1	2,2
44	0	SISMAO	-36,9157	44-1	0
44	1,1	SISMAO	-119,6901	44-1	1,1
44	2,2	SISMAO	-194,9263	44-1	2,2
44	0	LM71SVA	-5,5281	44-1	0
44	1,1	LM71SVA	-5,719	44-1	1,1
44	2,2	LM71SVA	-5,9098	44-1	2,2
44	0	SW2SVA	-4,6688	44-1	0
44	1,1	SW2SVA	-4,83	44-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
44	2,2	SW2SVA	-4,9912	44-1	2,2
44	0	SISMAVA	-27,7147	44-1	0
44	1,1	SISMAVA	-24,7619	44-1	1,1
44	2,2	SISMAVA	-21,809	44-1	2,2
44	0	LM71SVB	5,5281	44-1	0
44	1,1	LM71SVB	5,719	44-1	1,1
44	2,2	LM71SVB	5,9098	44-1	2,2
44	0	SW2SVB	4,6688	44-1	0
44	1,1	SW2SVB	4,83	44-1	1,1
44	2,2	SW2SVB	4,9912	44-1	2,2
44	0	SISMAVB	27,7147	44-1	0
44	1,1	SISMAVB	24,7619	44-1	1,1
44	2,2	SISMAVB	21,809	44-1	2,2
45	0	PP	-130,598	45-1	0
45	1,1	PP	-109,9193	45-1	1,1
45	2,2	PP	-89,2405	45-1	2,2
45	0	REINTSUP	-6,8744	45-1	0
45	1,1	REINTSUP	-7,1117	45-1	1,1
45	2,2	REINTSUP	-7,349	45-1	2,2
45	0	BALLAST	-41,2462	45-1	0
45	1,1	BALLAST	-42,6701	45-1	1,1
45	2,2	BALLAST	-44,0939	45-1	2,2
45	0	STERRASX	43,0265	45-1	0
45	1,1	STERRASX	-55,1551	45-1	1,1
45	2,2	STERRASX	-153,3367	45-1	2,2
45	0	STERRADX	343,0519	45-1	0
45	1,1	STERRADX	383,2979	45-1	1,1
45	2,2	STERRADX	371,7427	45-1	2,2
45	0	TERMP	0,5687	45-1	0
45	1,1	TERMP	-1,3441	45-1	1,1
45	2,2	TERMP	-3,2568	45-1	2,2
45	0	TERMN	-1,706	45-1	0
45	1,1	TERMN	4,0323	45-1	1,1
45	2,2	TERMN	9,7705	45-1	2,2
45	0	GRADTP	25,9554	45-1	0
45	1,1	GRADTP	35,5757	45-1	1,1
45	2,2	GRADTP	45,1959	45-1	2,2
45	0	GRADTN	-25,9554	45-1	0
45	1,1	GRADTN	-35,5757	45-1	1,1
45	2,2	GRADTN	-45,1959	45-1	2,2
45	0	LM71C	-161,2167	45-1	0
45	1,1	LM71C	-169,565	45-1	1,1
45	2,2	LM71C	-177,9133	45-1	2,2
45	0	LM71SX	-152,3057	45-1	0
45	1,1	LM71SX	-159,1497	45-1	1,1
45	2,2	LM71SX	-165,9937	45-1	2,2
45	0	LM71DX	-162,0104	45-1	0
45	1,1	LM71DX	-168,8544	45-1	1,1
45	2,2	LM71DX	-175,6983	45-1	2,2
45	0	STLM71	8,6678	45-1	0
45	1,1	STLM71	-19,0599	45-1	1,1
45	2,2	STLM71	-46,7876	45-1	2,2
45	0	AVVLM71	-0,9259	45-1	0
45	1,1	AVVLM71	-51,0507	45-1	1,1
45	2,2	AVVLM71	-101,1755	45-1	2,2
45	0	SW2	-150,6347	45-1	0
45	1,1	SW2	-155,8347	45-1	1,1
45	2,2	SW2	-161,0347	45-1	2,2
45	0	STSW2	14,7771	45-1	0
45	1,1	STSW2	-32,4938	45-1	1,1
45	2,2	STSW2	-79,7647	45-1	2,2
45	0	FRENSW2	-0,9819	45-1	0
45	1,1	FRENSW2	-54,1416	45-1	1,1
45	2,2	FRENSW2	-107,3013	45-1	2,2
45	0	SERP	0	45-1	0
45	1,1	SERP	0	45-1	1,1
45	2,2	SERP	0	45-1	2,2
45	0	INCRTER	55,1311	45-1	0
45	1,1	INCRTER	-121,2298	45-1	1,1
45	2,2	INCRTER	-297,5907	45-1	2,2
45	0	LM71SISO	-0,3427	45-1	0
45	1,1	LM71SISO	-18,8947	45-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
45	2,2	LM71SISO	-37,4468	45-1	2,2
45	0	SW2SISO	-0,2902	45-1	0
45	1,1	SW2SISO	-16,0032	45-1	1,1
45	2,2	SW2SISO	-31,7161	45-1	2,2
45	0	SISMAO	-36,9157	45-1	0
45	1,1	SISMAO	-119,6901	45-1	1,1
45	2,2	SISMAO	-194,9263	45-1	2,2
45	0	LM71SVA	5,5281	45-1	0
45	1,1	LM71SVA	5,719	45-1	1,1
45	2,2	LM71SVA	5,9098	45-1	2,2
45	0	SW2SVA	4,6688	45-1	0
45	1,1	SW2SVA	4,83	45-1	1,1
45	2,2	SW2SVA	4,9912	45-1	2,2
45	0	SISMAVA	27,7147	45-1	0
45	1,1	SISMAVA	24,7619	45-1	1,1
45	2,2	SISMAVA	21,809	45-1	2,2
45	0	LM71SVB	-5,5281	45-1	0
45	1,1	LM71SVB	-5,719	45-1	1,1
45	2,2	LM71SVB	-5,9098	45-1	2,2
45	0	SW2SVB	-4,6688	45-1	0
45	1,1	SW2SVB	-4,83	45-1	1,1
45	2,2	SW2SVB	-4,9912	45-1	2,2
45	0	SISMAVB	-27,7147	45-1	0
45	1,1	SISMAVB	-24,7619	45-1	1,1
45	2,2	SISMAVB	-21,809	45-1	2,2
46	0	PP	89,2405	46-1	0
46	1,1	PP	68,5617	46-1	1,1
46	2,2	PP	47,8829	46-1	2,2
46	0	REINTSUP	7,349	46-1	0
46	1,1	REINTSUP	7,5863	46-1	1,1
46	2,2	REINTSUP	7,8236	46-1	2,2
46	0	BALLAST	44,0939	46-1	0
46	1,1	BALLAST	45,5178	46-1	1,1
46	2,2	BALLAST	46,9416	46-1	2,2
46	0	STERRASX	-371,7427	46-1	0
46	1,1	STERRASX	-319,7371	46-1	1,1
46	2,2	STERRASX	-238,6322	46-1	2,2
46	0	STERRADX	153,3367	46-1	0
46	1,1	STERRADX	251,5183	46-1	1,1
46	2,2	STERRADX	349,6999	46-1	2,2
46	0	TERMP	3,2568	46-1	0
46	1,1	TERMP	5,1696	46-1	1,1
46	2,2	TERMP	7,0823	46-1	2,2
46	0	TERMN	-9,7705	46-1	0
46	1,1	TERMN	-15,5087	46-1	1,1
46	2,2	TERMN	-21,247	46-1	2,2
46	0	GRADTP	-45,1959	46-1	0
46	1,1	GRADTP	-54,8161	46-1	1,1
46	2,2	GRADTP	-64,4364	46-1	2,2
46	0	GRADTN	45,1959	46-1	0
46	1,1	GRADTN	54,8161	46-1	1,1
46	2,2	GRADTN	64,4364	46-1	2,2
46	0	LM71C	177,9133	46-1	0
46	1,1	LM71C	186,2616	46-1	1,1
46	2,2	LM71C	194,6099	46-1	2,2
46	0	LM71SX	175,6983	46-1	0
46	1,1	LM71SX	182,5423	46-1	1,1
46	2,2	LM71SX	189,3863	46-1	2,2
46	0	LM71DX	165,9937	46-1	0
46	1,1	LM71DX	172,8377	46-1	1,1
46	2,2	LM71DX	179,6816	46-1	2,2
46	0	STLM71	-101,3764	46-1	0
46	1,1	STLM71	-98,0654	46-1	1,1
46	2,2	STLM71	-81,9647	46-1	2,2
46	0	AVVLM71	-101,1755	46-1	0
46	1,1	AVVLM71	-151,3003	46-1	1,1
46	2,2	AVVLM71	-201,4251	46-1	2,2
46	0	SW2	161,0347	46-1	0
46	1,1	SW2	166,2347	46-1	1,1
46	2,2	SW2	171,4347	46-1	2,2
46	0	STSW2	-172,8291	46-1	0
46	1,1	STSW2	-167,1844	46-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
46	2,2	STSW2	-139,7355	46-1	2,2
46	0	FRENSW2	-107,3013	46-1	0
46	1,1	FRENSW2	-160,461	46-1	1,1
46	2,2	FRENSW2	-213,6207	46-1	2,2
46	0	SERP	0	46-1	0
46	1,1	SERP	0	46-1	1,1
46	2,2	SERP	0	46-1	2,2
46	0	INCRTER	-644,8001	46-1	0
46	1,1	INCRTER	-623,7406	46-1	1,1
46	2,2	INCRTER	-521,3327	46-1	2,2
46	0	LM71SISO	-37,4468	46-1	0
46	1,1	LM71SISO	-55,9988	46-1	1,1
46	2,2	LM71SISO	-74,5509	46-1	2,2
46	0	SW2SISO	-31,7161	46-1	0
46	1,1	SW2SISO	-47,4291	46-1	1,1
46	2,2	SW2SISO	-63,142	46-1	2,2
46	0	SISMAO	-194,9263	46-1	0
46	1,1	SISMAO	-262,6241	46-1	1,1
46	2,2	SISMAO	-322,7837	46-1	2,2
46	0	LM71SVA	-5,9098	46-1	0
46	1,1	LM71SVA	-6,1006	46-1	1,1
46	2,2	LM71SVA	-6,2915	46-1	2,2
46	0	SW2SVA	-4,9912	46-1	0
46	1,1	SW2SVA	-5,1524	46-1	1,1
46	2,2	SW2SVA	-5,3135	46-1	2,2
46	0	SISMAVA	-21,809	46-1	0
46	1,1	SISMAVA	-18,8561	46-1	1,1
46	2,2	SISMAVA	-15,9033	46-1	2,2
46	0	LM71SVB	5,9098	46-1	0
46	1,1	LM71SVB	6,1006	46-1	1,1
46	2,2	LM71SVB	6,2915	46-1	2,2
46	0	SW2SVB	4,9912	46-1	0
46	1,1	SW2SVB	5,1524	46-1	1,1
46	2,2	SW2SVB	5,3135	46-1	2,2
46	0	SISMAVB	21,809	46-1	0
46	1,1	SISMAVB	18,8561	46-1	1,1
46	2,2	SISMAVB	15,9033	46-1	2,2
47	0	PP	-89,2405	47-1	0
47	1,1	PP	-68,5617	47-1	1,1
47	2,2	PP	-47,8829	47-1	2,2
47	0	REINTSUP	-7,349	47-1	0
47	1,1	REINTSUP	-7,5863	47-1	1,1
47	2,2	REINTSUP	-7,8236	47-1	2,2
47	0	BALLAST	-44,0939	47-1	0
47	1,1	BALLAST	-45,5178	47-1	1,1
47	2,2	BALLAST	-46,9416	47-1	2,2
47	0	STERRASX	-153,3367	47-1	0
47	1,1	STERRASX	-251,5183	47-1	1,1
47	2,2	STERRASX	-349,6999	47-1	2,2
47	0	STERRADX	371,7427	47-1	0
47	1,1	STERRADX	319,7371	47-1	1,1
47	2,2	STERRADX	238,6322	47-1	2,2
47	0	TERMP	-3,2568	47-1	0
47	1,1	TERMP	-5,1696	47-1	1,1
47	2,2	TERMP	-7,0823	47-1	2,2
47	0	TERMN	9,7705	47-1	0
47	1,1	TERMN	15,5087	47-1	1,1
47	2,2	TERMN	21,247	47-1	2,2
47	0	GRADTP	45,1959	47-1	0
47	1,1	GRADTP	54,8161	47-1	1,1
47	2,2	GRADTP	64,4364	47-1	2,2
47	0	GRADTN	-45,1959	47-1	0
47	1,1	GRADTN	-54,8161	47-1	1,1
47	2,2	GRADTN	-64,4364	47-1	2,2
47	0	LM71C	-177,9133	47-1	0
47	1,1	LM71C	-186,2616	47-1	1,1
47	2,2	LM71C	-194,6099	47-1	2,2
47	0	LM71SX	-165,9937	47-1	0
47	1,1	LM71SX	-172,8377	47-1	1,1
47	2,2	LM71SX	-179,6816	47-1	2,2
47	0	LM71DX	-175,6983	47-1	0
47	1,1	LM71DX	-182,5423	47-1	1,1

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
47	2,2	LM71DX	-189,3863	47-1	2,2
47	0	STLM71	-46,7876	47-1	0
47	1,1	STLM71	-74,5154	47-1	1,1
47	2,2	STLM71	-102,2431	47-1	2,2
47	0	AVVLM71	-101,1755	47-1	0
47	1,1	AVVLM71	-151,3003	47-1	1,1
47	2,2	AVVLM71	-201,4251	47-1	2,2
47	0	SW2	-161,0347	47-1	0
47	1,1	SW2	-166,2347	47-1	1,1
47	2,2	SW2	-171,4347	47-1	2,2
47	0	STSW2	-79,7647	47-1	0
47	1,1	STSW2	-127,0356	47-1	1,1
47	2,2	STSW2	-174,3066	47-1	2,2
47	0	FRENSW2	-107,3013	47-1	0
47	1,1	FRENSW2	-160,461	47-1	1,1
47	2,2	FRENSW2	-213,6207	47-1	2,2
47	0	SERP	0	47-1	0
47	1,1	SERP	0	47-1	1,1
47	2,2	SERP	0	47-1	2,2
47	0	INCRTER	-297,5907	47-1	0
47	1,1	INCRTER	-473,9515	47-1	1,1
47	2,2	INCRTER	-650,3124	47-1	2,2
47	0	LM71SISO	-37,4468	47-1	0
47	1,1	LM71SISO	-55,9988	47-1	1,1
47	2,2	LM71SISO	-74,5509	47-1	2,2
47	0	SW2SISO	-31,7161	47-1	0
47	1,1	SW2SISO	-47,4291	47-1	1,1
47	2,2	SW2SISO	-63,142	47-1	2,2
47	0	SISMAO	-194,9263	47-1	0
47	1,1	SISMAO	-262,6241	47-1	1,1
47	2,2	SISMAO	-322,7837	47-1	2,2
47	0	LM71SVA	5,9098	47-1	0
47	1,1	LM71SVA	6,1006	47-1	1,1
47	2,2	LM71SVA	6,2915	47-1	2,2
47	0	SW2SVA	4,9912	47-1	0
47	1,1	SW2SVA	5,1524	47-1	1,1
47	2,2	SW2SVA	5,3135	47-1	2,2
47	0	SISMAVA	21,809	47-1	0
47	1,1	SISMAVA	18,8561	47-1	1,1
47	2,2	SISMAVA	15,9033	47-1	2,2
47	0	LM71SVB	-5,9098	47-1	0
47	1,1	LM71SVB	-6,1006	47-1	1,1
47	2,2	LM71SVB	-6,2915	47-1	2,2
47	0	SW2SVB	-4,9912	47-1	0
47	1,1	SW2SVB	-5,1524	47-1	1,1
47	2,2	SW2SVB	-5,3135	47-1	2,2
47	0	SISMAVB	-21,809	47-1	0
47	1,1	SISMAVB	-18,8561	47-1	1,1
47	2,2	SISMAVB	-15,9033	47-1	2,2
48	0	PP	47,8829	48-1	0
48	0,1125	PP	45,768	48-1	0,1125
48	0,225	PP	43,6531	48-1	0,225
48	0	REINTSUP	7,8236	48-1	0
48	0,1125	REINTSUP	7,8479	48-1	0,1125
48	0,225	REINTSUP	7,8721	48-1	0,225
48	0	BALLAST	46,9416	48-1	0
48	0,1125	BALLAST	47,0872	48-1	0,1125
48	0,225	BALLAST	47,2329	48-1	0,225
48	0	STERRASX	-238,6322	48-1	0
48	0,1125	STERRASX	-229,1455	48-1	0,1125
48	0,225	STERRASX	-219,4854	48-1	0,225
48	0	STERRADX	349,6999	48-1	0
48	0,1125	STERRADX	359,7412	48-1	0,1125
48	0,225	STERRADX	369,7825	48-1	0,225
48	0	TERMP	7,0823	48-1	0
48	0,1125	TERMP	7,2779	48-1	0,1125
48	0,225	TERMP	7,4736	48-1	0,225
48	0	TERMN	-21,247	48-1	0
48	0,1125	TERMN	-21,8338	48-1	0,1125
48	0,225	TERMN	-22,4207	48-1	0,225
48	0	GRADTP	-64,4364	48-1	0
48	0,1125	GRADTP	-65,4202	48-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
48	0,225	GRADTP	-66,4041	48-1	0,225
48	0	GRADTN	64,4364	48-1	0
48	0,1125	GRADTN	65,4202	48-1	0,1125
48	0,225	GRADTN	66,4041	48-1	0,225
48	0	LM71C	194,6099	48-1	0
48	0,1125	LM71C	195,4637	48-1	0,1125
48	0,225	LM71C	196,3175	48-1	0,225
48	0	LM71SX	189,3863	48-1	0
48	0,1125	LM71SX	190,0862	48-1	0,1125
48	0,225	LM71SX	190,7862	48-1	0,225
48	0	LM71DX	179,6816	48-1	0
48	0,1125	LM71DX	180,3816	48-1	0,1125
48	0,225	LM71DX	181,0815	48-1	0,225
48	0	STLM71	-81,9647	48-1	0
48	0,1125	STLM71	-79,5971	48-1	0,1125
48	0,225	STLM71	-77,0958	48-1	0,225
48	0	AVVLM71	-201,4251	48-1	0
48	0,1125	AVVLM71	-206,5515	48-1	0,1125
48	0,225	AVVLM71	-211,6779	48-1	0,225
48	0	SW2	171,4347	48-1	0
48	0,1125	SW2	171,9665	48-1	0,1125
48	0,225	SW2	172,4983	48-1	0,225
48	0	STSW2	-139,7355	48-1	0
48	0,1125	STSW2	-135,6992	48-1	0,1125
48	0,225	STSW2	-131,4348	48-1	0,225
48	0	FRENSW2	-213,6207	48-1	0
48	0,1125	FRENSW2	-219,0575	48-1	0,1125
48	0,225	FRENSW2	-224,4943	48-1	0,225
48	0	SERP	0	48-1	0
48	0,1125	SERP	0	48-1	0,1125
48	0,225	SERP	0	48-1	0,225
48	0	INCRTER	-521,3327	48-1	0
48	0,1125	INCRTER	-506,2739	48-1	0,1125
48	0,225	INCRTER	-490,3642	48-1	0,225
48	0	LM71SISO	-74,5509	48-1	0
48	0,1125	LM71SISO	-76,4483	48-1	0,1125
48	0,225	LM71SISO	-78,3456	48-1	0,225
48	0	SW2SISO	-63,142	48-1	0
48	0,1125	SW2SISO	-64,749	48-1	0,1125
48	0,225	SW2SISO	-66,3561	48-1	0,225
48	0	SISMAO	-322,7837	48-1	0
48	0,1125	SISMAO	-328,5114	48-1	0,1125
48	0,225	SISMAO	-334,1604	48-1	0,225
48	0	LM71SVA	-6,2915	48-1	0
48	0,1125	LM71SVA	-6,311	48-1	0,1125
48	0,225	LM71SVA	-6,3305	48-1	0,225
48	0	SW2SVA	-5,3135	48-1	0
48	0,1125	SW2SVA	-5,33	48-1	0,1125
48	0,225	SW2SVA	-5,3465	48-1	0,225
48	0	SISMAVA	-15,9033	48-1	0
48	0,1125	SISMAVA	-15,6013	48-1	0,1125
48	0,225	SISMAVA	-15,2993	48-1	0,225
48	0	LM71SVB	6,2915	48-1	0
48	0,1125	LM71SVB	6,311	48-1	0,1125
48	0,225	LM71SVB	6,3305	48-1	0,225
48	0	SW2SVB	5,3135	48-1	0
48	0,1125	SW2SVB	5,33	48-1	0,1125
48	0,225	SW2SVB	5,3465	48-1	0,225
48	0	SISMAVB	15,9033	48-1	0
48	0,1125	SISMAVB	15,6013	48-1	0,1125
48	0,225	SISMAVB	15,2993	48-1	0,225
49	0	PP	-47,8829	49-1	0
49	0,1125	PP	-45,768	49-1	0,1125
49	0,225	PP	-43,6531	49-1	0,225
49	0	REINTSUP	-7,8236	49-1	0
49	0,1125	REINTSUP	-7,8479	49-1	0,1125
49	0,225	REINTSUP	-7,8721	49-1	0,225
49	0	BALLAST	-46,9416	49-1	0
49	0,1125	BALLAST	-47,0872	49-1	0,1125
49	0,225	BALLAST	-47,2329	49-1	0,225
49	0	STERRASX	-349,6999	49-1	0
49	0,1125	STERRASX	-359,7412	49-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
49	0,225	STERRASX	-369,7825	49-1	0,225
49	0	STERRADX	238,6322	49-1	0
49	0,1125	STERRADX	229,1455	49-1	0,1125
49	0,225	STERRADX	219,4854	49-1	0,225
49	0	TERMP	-7,0823	49-1	0
49	0,1125	TERMP	-7,2779	49-1	0,1125
49	0,225	TERMP	-7,4736	49-1	0,225
49	0	TERMN	21,247	49-1	0
49	0,1125	TERMN	21,8338	49-1	0,1125
49	0,225	TERMN	22,4207	49-1	0,225
49	0	GRADTP	64,4364	49-1	0
49	0,1125	GRADTP	65,4202	49-1	0,1125
49	0,225	GRADTP	66,4041	49-1	0,225
49	0	GRADTN	-64,4364	49-1	0
49	0,1125	GRADTN	-65,4202	49-1	0,1125
49	0,225	GRADTN	-66,4041	49-1	0,225
49	0	LM71C	-194,6099	49-1	0
49	0,1125	LM71C	-195,4637	49-1	0,1125
49	0,225	LM71C	-196,3175	49-1	0,225
49	0	LM71SX	-179,6816	49-1	0
49	0,1125	LM71SX	-180,3816	49-1	0,1125
49	0,225	LM71SX	-181,0815	49-1	0,225
49	0	LM71DX	-189,3863	49-1	0
49	0,1125	LM71DX	-190,0862	49-1	0,1125
49	0,225	LM71DX	-190,7862	49-1	0,225
49	0	STLM71	-102,2431	49-1	0
49	0,1125	STLM71	-105,0789	49-1	0,1125
49	0,225	STLM71	-107,9147	49-1	0,225
49	0	AVVLM71	-201,4251	49-1	0
49	0,1125	AVVLM71	-206,5515	49-1	0,1125
49	0,225	AVVLM71	-211,6779	49-1	0,225
49	0	SW2	-171,4347	49-1	0
49	0,1125	SW2	-171,9665	49-1	0,1125
49	0,225	SW2	-172,4983	49-1	0,225
49	0	STSW2	-174,3066	49-1	0
49	0,1125	STSW2	-179,1411	49-1	0,1125
49	0,225	STSW2	-183,9756	49-1	0,225
49	0	FRENSW2	-213,6207	49-1	0
49	0,1125	FRENSW2	-219,0575	49-1	0,1125
49	0,225	FRENSW2	-224,4943	49-1	0,225
49	0	SERP	0	49-1	0
49	0,1125	SERP	0	49-1	0,1125
49	0,225	SERP	0	49-1	0,225
49	0	INCRTER	-650,3124	49-1	0
49	0,1125	INCRTER	-668,3493	49-1	0,1125
49	0,225	INCRTER	-686,3862	49-1	0,225
49	0	LM71SISO	-74,5509	49-1	0
49	0,1125	LM71SISO	-76,4483	49-1	0,1125
49	0,225	LM71SISO	-78,3456	49-1	0,225
49	0	SW2SISO	-63,142	49-1	0
49	0,1125	SW2SISO	-64,749	49-1	0,1125
49	0,225	SW2SISO	-66,3561	49-1	0,225
49	0	SISMAO	-322,7837	49-1	0
49	0,1125	SISMAO	-328,5114	49-1	0,1125
49	0,225	SISMAO	-334,1604	49-1	0,225
49	0	LM71SVA	6,2915	49-1	0
49	0,1125	LM71SVA	6,311	49-1	0,1125
49	0,225	LM71SVA	6,3305	49-1	0,225
49	0	SW2SVA	5,3135	49-1	0
49	0,1125	SW2SVA	5,33	49-1	0,1125
49	0,225	SW2SVA	5,3465	49-1	0,225
49	0	SISMAVA	15,9033	49-1	0
49	0,1125	SISMAVA	15,6013	49-1	0,1125
49	0,225	SISMAVA	15,2993	49-1	0,225
49	0	LM71SVB	-6,2915	49-1	0
49	0,1125	LM71SVB	-6,311	49-1	0,1125
49	0,225	LM71SVB	-6,3305	49-1	0,225
49	0	SW2SVB	-5,3135	49-1	0
49	0,1125	SW2SVB	-5,33	49-1	0,1125
49	0,225	SW2SVB	-5,3465	49-1	0,225
49	0	SISMAVB	-15,9033	49-1	0
49	0,1125	SISMAVB	-15,6013	49-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
49	0,225	SISMAVB	-15,2993	49-1	0,225
50	0	PP	43,6531	50-1	0
50	0,1125	PP	41,5383	50-1	0,1125
50	0,225	PP	39,4234	50-1	0,225
50	0	REINTSUP	7,8721	50-1	0
50	0,1125	REINTSUP	7,8964	50-1	0,1125
50	0,225	REINTSUP	7,9207	50-1	0,225
50	0	BALLAST	47,2329	50-1	0
50	0,1125	BALLAST	47,3785	50-1	0,1125
50	0,225	BALLAST	47,5241	50-1	0,225
50	0	STERRASX	-219,4854	50-1	0
50	0,1125	STERRASX	-209,6638	50-1	0,1125
50	0,225	STERRASX	-199,6931	50-1	0,225
50	0	STERRADX	369,7825	50-1	0
50	0,1125	STERRADX	379,8238	50-1	0,1125
50	0,225	STERRADX	389,8651	50-1	0,225
50	0	TERMP	7,4736	50-1	0
50	0,1125	TERMP	7,6692	50-1	0,1125
50	0,225	TERMP	7,8648	50-1	0,225
50	0	TERMN	-22,4207	50-1	0
50	0,1125	TERMN	-23,0076	50-1	0,1125
50	0,225	TERMN	-23,5944	50-1	0,225
50	0	GRADTP	-66,4041	50-1	0
50	0,1125	GRADTP	-67,388	50-1	0,1125
50	0,225	GRADTP	-68,3719	50-1	0,225
50	0	GRADTN	66,4041	50-1	0
50	0,1125	GRADTN	67,388	50-1	0,1125
50	0,225	GRADTN	68,3719	50-1	0,225
50	0	LM71C	196,3175	50-1	0
50	0,1125	LM71C	197,1713	50-1	0,1125
50	0,225	LM71C	198,0251	50-1	0,225
50	0	LM71SX	190,7862	50-1	0
50	0,1125	LM71SX	191,4861	50-1	0,1125
50	0,225	LM71SX	192,1861	50-1	0,225
50	0	LM71DX	181,0815	50-1	0
50	0,1125	LM71DX	181,7815	50-1	0,1125
50	0,225	LM71DX	182,4814	50-1	0,225
50	0	STLM71	-77,0958	50-1	0
50	0,1125	STLM71	-74,4607	50-1	0,1125
50	0,225	STLM71	-71,6918	50-1	0,225
50	0	AVVLM71	-211,6779	50-1	0
50	0,1125	AVVLM71	-216,8043	50-1	0,1125
50	0,225	AVVLM71	-221,9307	50-1	0,225
50	0	SW2	172,4983	50-1	0
50	0,1125	SW2	173,0302	50-1	0,1125
50	0,225	SW2	173,562	50-1	0,225
50	0	STSW2	-131,4348	50-1	0
50	0,1125	STSW2	-126,9424	50-1	0,1125
50	0,225	STSW2	-122,2219	50-1	0,225
50	0	FRENSW2	-224,4943	50-1	0
50	0,1125	FRENSW2	-229,9311	50-1	0,1125
50	0,225	FRENSW2	-235,3679	50-1	0,225
50	0	SERP	0	50-1	0
50	0,1125	SERP	0	50-1	0,1125
50	0,225	SERP	0	50-1	0,225
50	0	INCRTER	-490,3642	50-1	0
50	0,1125	INCRTER	-473,6036	50-1	0,1125
50	0,225	INCRTER	-455,9921	50-1	0,225
50	0	LM71SISO	-78,3456	50-1	0
50	0,1125	LM71SISO	-80,243	50-1	0,1125
50	0,225	LM71SISO	-82,1404	50-1	0,225
50	0	SW2SISO	-66,3561	50-1	0
50	0,1125	SW2SISO	-67,9631	50-1	0,1125
50	0,225	SW2SISO	-69,5701	50-1	0,225
50	0	SISMAO	-334,1604	50-1	0
50	0,1125	SISMAO	-339,7304	50-1	0,1125
50	0,225	SISMAO	-345,2217	50-1	0,225
50	0	LM71SVA	-6,3305	50-1	0
50	0,1125	LM71SVA	-6,35	50-1	0,1125
50	0,225	LM71SVA	-6,3695	50-1	0,225
50	0	SW2SVA	-5,3465	50-1	0
50	0,1125	SW2SVA	-5,363	50-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
50	0,225	SW2SVA	-5,3795	50-1	0,225
50	0	SISMAVA	-15,2993	50-1	0
50	0,1125	SISMAVA	-14,9973	50-1	0,1125
50	0,225	SISMAVA	-14,6953	50-1	0,225
50	0	LM71SVB	6,3305	50-1	0
50	0,1125	LM71SVB	6,35	50-1	0,1125
50	0,225	LM71SVB	6,3695	50-1	0,225
50	0	SW2SVB	5,3465	50-1	0
50	0,1125	SW2SVB	5,363	50-1	0,1125
50	0,225	SW2SVB	5,3795	50-1	0,225
50	0	SISMAVB	15,2993	50-1	0
50	0,1125	SISMAVB	14,9973	50-1	0,1125
50	0,225	SISMAVB	14,6953	50-1	0,225
51	0	PP	-43,6531	51-1	0
51	0,1125	PP	-41,5383	51-1	0,1125
51	0,225	PP	-39,4234	51-1	0,225
51	0	REINTSUP	-7,8721	51-1	0
51	0,1125	REINTSUP	-7,8964	51-1	0,1125
51	0,225	REINTSUP	-7,9207	51-1	0,225
51	0	BALLAST	-47,2329	51-1	0
51	0,1125	BALLAST	-47,3785	51-1	0,1125
51	0,225	BALLAST	-47,5241	51-1	0,225
51	0	STERRASX	-369,7825	51-1	0
51	0,1125	STERRASX	-379,8238	51-1	0,1125
51	0,225	STERRASX	-389,8651	51-1	0,225
51	0	STERRADX	219,4854	51-1	0
51	0,1125	STERRADX	209,6638	51-1	0,1125
51	0,225	STERRADX	199,6931	51-1	0,225
51	0	TERMP	-7,4736	51-1	0
51	0,1125	TERMP	-7,6692	51-1	0,1125
51	0,225	TERMP	-7,8648	51-1	0,225
51	0	TERMN	22,4207	51-1	0
51	0,1125	TERMN	23,0076	51-1	0,1125
51	0,225	TERMN	23,5944	51-1	0,225
51	0	GRADTP	66,4041	51-1	0
51	0,1125	GRADTP	67,388	51-1	0,1125
51	0,225	GRADTP	68,3719	51-1	0,225
51	0	GRADTN	-66,4041	51-1	0
51	0,1125	GRADTN	-67,388	51-1	0,1125
51	0,225	GRADTN	-68,3719	51-1	0,225
51	0	LM71C	-196,3175	51-1	0
51	0,1125	LM71C	-197,1713	51-1	0,1125
51	0,225	LM71C	-198,0251	51-1	0,225
51	0	LM71SX	-181,0815	51-1	0
51	0,1125	LM71SX	-181,7815	51-1	0,1125
51	0,225	LM71SX	-182,4814	51-1	0,225
51	0	LM71DX	-190,7862	51-1	0
51	0,1125	LM71DX	-191,4861	51-1	0,1125
51	0,225	LM71DX	-192,1861	51-1	0,225
51	0	STLM71	-107,9147	51-1	0
51	0,1125	STLM71	-110,7504	51-1	0,1125
51	0,225	STLM71	-113,5862	51-1	0,225
51	0	AVVLM71	-211,6779	51-1	0
51	0,1125	AVVLM71	-216,8043	51-1	0,1125
51	0,225	AVVLM71	-221,9307	51-1	0,225
51	0	SW2	-172,4983	51-1	0
51	0,1125	SW2	-173,0302	51-1	0,1125
51	0,225	SW2	-173,562	51-1	0,225
51	0	STSW2	-183,9756	51-1	0
51	0,1125	STSW2	-188,8101	51-1	0,1125
51	0,225	STSW2	-193,6447	51-1	0,225
51	0	FRENSW2	-224,4943	51-1	0
51	0,1125	FRENSW2	-229,9311	51-1	0,1125
51	0,225	FRENSW2	-235,3679	51-1	0,225
51	0	SERP	0	51-1	0
51	0,1125	SERP	0	51-1	0,1125
51	0,225	SERP	0	51-1	0,225
51	0	INCRTER	-686,3862	51-1	0
51	0,1125	INCRTER	-704,4231	51-1	0,1125
51	0,225	INCRTER	-722,46	51-1	0,225
51	0	LM71SISO	-78,3456	51-1	0
51	0,1125	LM71SISO	-80,243	51-1	0,1125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
51	0,225	LM71SISO	-82,1404	51-1	0,225
51	0	SW2SISO	-66,3561	51-1	0
51	0,1125	SW2SISO	-67,9631	51-1	0,1125
51	0,225	SW2SISO	-69,5701	51-1	0,225
51	0	SISMAO	-334,1604	51-1	0
51	0,1125	SISMAO	-339,7304	51-1	0,1125
51	0,225	SISMAO	-345,2217	51-1	0,225
51	0	LM71SVA	6,3305	51-1	0
51	0,1125	LM71SVA	6,35	51-1	0,1125
51	0,225	LM71SVA	6,3695	51-1	0,225
51	0	SW2SVA	5,3465	51-1	0
51	0,1125	SW2SVA	5,363	51-1	0,1125
51	0,225	SW2SVA	5,3795	51-1	0,225
51	0	SISMAVA	15,2993	51-1	0
51	0,1125	SISMAVA	14,9973	51-1	0,1125
51	0,225	SISMAVA	14,6953	51-1	0,225
51	0	LM71SVB	-6,3305	51-1	0
51	0,1125	LM71SVB	-6,35	51-1	0,1125
51	0,225	LM71SVB	-6,3695	51-1	0,225
51	0	SW2SVB	-5,3465	51-1	0
51	0,1125	SW2SVB	-5,363	51-1	0,1125
51	0,225	SW2SVB	-5,3795	51-1	0,225
51	0	SISMAVB	-15,2993	51-1	0
51	0,1125	SISMAVB	-14,9973	51-1	0,1125
51	0,225	SISMAVB	-14,6953	51-1	0,225
52	0	PP	-39,4234	52-1	0
52	0,225	PP	-17,4713	52-1	0,225
52	0	REINTSUP	-7,9207	52-1	0
52	0,225	REINTSUP	-5,5784	52-1	0,225
52	0	BALLAST	-47,5241	52-1	0
52	0,225	BALLAST	-33,4706	52-1	0,225
52	0	STERRASX	199,6931	52-1	0
52	0,225	STERRASX	184,7885	52-1	0,225
52	0	STERRADX	-389,8651	52-1	0
52	0,225	STERRADX	-374,9605	52-1	0,225
52	0	TERMP	-7,8648	52-1	0
52	0,225	TERMP	-7,8648	52-1	0,225
52	0	TERMN	23,5944	52-1	0
52	0,225	TERMN	23,5944	52-1	0,225
52	0	GRADTP	68,3719	52-1	0
52	0,225	GRADTP	68,3719	52-1	0,225
52	0	GRADTN	-68,3719	52-1	0
52	0,225	GRADTN	-68,3719	52-1	0,225
52	0	LM71C	-198,0251	52-1	0
52	0,225	LM71C	-145,3454	52-1	0,225
52	0	LM71SX	-192,1861	52-1	0
52	0,225	LM71SX	-133,7142	52-1	0,225
52	0	LM71DX	-182,4814	52-1	0
52	0,225	LM71DX	-136,3876	52-1	0,225
52	0	STLM71	71,6918	52-1	0
52	0,225	STLM71	67,0078	52-1	0,225
52	0	AVVLM71	221,9307	52-1	0
52	0,225	AVVLM71	210,7095	52-1	0,225
52	0	SW2	-173,562	52-1	0
52	0,225	SW2	-122,2374	52-1	0,225
52	0	STSW2	122,2219	52-1	0
52	0,225	STSW2	114,2365	52-1	0,225
52	0	FRENSW2	235,3679	52-1	0
52	0,225	FRENSW2	223,4673	52-1	0,225
52	0	SERP	0	52-1	0
52	0,225	SERP	0	52-1	0,225
52	0	INCRTER	455,9921	52-1	0
52	0,225	INCRTER	426,1998	52-1	0,225
52	0	LM71SISO	82,1404	52-1	0
52	0,225	LM71SISO	77,9872	52-1	0,225
52	0	SW2SISO	69,5701	52-1	0
52	0,225	SW2SISO	66,0525	52-1	0,225
52	0	SISMAO	345,2217	52-1	0
52	0,225	SISMAO	327,7666	52-1	0,225
52	0	LM71SVA	6,3695	52-1	0
52	0,225	LM71SVA	4,486	52-1	0,225
52	0	SW2SVA	5,3795	52-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
52	0,225	SW2SVA	3,7887	52-1	0,225
52	0	SISMAVA	14,6953	52-1	0
52	0,225	SISMAVA	8,7518	52-1	0,225
52	0	LM71SVB	-6,3695	52-1	0
52	0,225	LM71SVB	-4,486	52-1	0,225
52	0	SW2SVB	-5,3795	52-1	0
52	0,225	SW2SVB	-3,7887	52-1	0,225
52	0	SISMAVB	-14,6953	52-1	0
52	0,225	SISMAVB	-8,7518	52-1	0,225
53	0	PP	-17,4713	53-1	0
53	0,225	PP	3,3421	53-1	0,225
53	0	REINTSUP	-5,5784	53-1	0
53	0,225	REINTSUP	-3,3577	53-1	0,225
53	0	BALLAST	-33,4706	53-1	0
53	0,225	BALLAST	-20,1461	53-1	0,225
53	0	STERRASX	184,7885	53-1	0
53	0,225	STERRASX	169,884	53-1	0,225
53	0	STERRADX	-374,9605	53-1	0
53	0,225	STERRADX	-360,0559	53-1	0,225
53	0	TERMP	-7,8648	53-1	0
53	0,225	TERMP	-7,8648	53-1	0,225
53	0	TERMN	23,5944	53-1	0
53	0,225	TERMN	23,5944	53-1	0,225
53	0	GRADTP	68,3719	53-1	0
53	0,225	GRADTP	68,3719	53-1	0,225
53	0	GRADTN	-68,3719	53-1	0
53	0,225	GRADTN	-68,3719	53-1	0,225
53	0	LM71C	-145,3454	53-1	0
53	0,225	LM71C	-94,2275	53-1	0,225
53	0	LM71SX	-133,7142	53-1	0
53	0,225	LM71SX	-78,3911	53-1	0,225
53	0	LM71DX	-136,3876	53-1	0
53	0,225	LM71DX	-91,8555	53-1	0,225
53	0	STLM71	67,0078	53-1	0
53	0,225	STLM71	62,3238	53-1	0,225
53	0	AVVLM71	210,7095	53-1	0
53	0,225	AVVLM71	199,4883	53-1	0,225
53	0	SW2	-122,2374	53-1	0
53	0,225	SW2	-73,5752	53-1	0,225
53	0	STSW2	114,2365	53-1	0
53	0,225	STSW2	106,2511	53-1	0,225
53	0	FRENSW2	223,4673	53-1	0
53	0,225	FRENSW2	211,5666	53-1	0,225
53	0	SERP	0	53-1	0
53	0,225	SERP	0	53-1	0,225
53	0	INCRTER	426,1998	53-1	0
53	0,225	INCRTER	396,4075	53-1	0,225
53	0	LM71SISO	77,9872	53-1	0
53	0,225	LM71SISO	73,834	53-1	0,225
53	0	SW2SISO	66,0525	53-1	0
53	0,225	SW2SISO	62,5349	53-1	0,225
53	0	SISMAO	327,7666	53-1	0
53	0,225	SISMAO	310,3116	53-1	0,225
53	0	LM71SVA	4,486	53-1	0
53	0,225	LM71SVA	2,7001	53-1	0,225
53	0	SW2SVA	3,7887	53-1	0
53	0,225	SW2SVA	2,2804	53-1	0,225
53	0	SISMAVA	8,7518	53-1	0
53	0,225	SISMAVA	3,1167	53-1	0,225
53	0	LM71SVB	-4,486	53-1	0
53	0,225	LM71SVB	-2,7001	53-1	0,225
53	0	SW2SVB	-3,7887	53-1	0
53	0,225	SW2SVB	-2,2804	53-1	0,225
53	0	SISMAVB	-8,7518	53-1	0
53	0,225	SISMAVB	-3,1167	53-1	0,225
54	0	PP	3,3421	54-1	0
54	0,4	PP	37,532	54-1	0,4
54	0,8	PP	68,123	54-1	0,8
54	0	REINTSUP	-3,3577	54-1	0
54	0,4	REINTSUP	0,2903	54-1	0,4
54	0,8	REINTSUP	3,5543	54-1	0,8
54	0	BALLAST	-20,1461	54-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
54	0,4	BALLAST	1,7419	54-1	0,4
54	0,8	BALLAST	21,3259	54-1	0,8
54	0	STERRASX	169,884	54-1	0
54	0,4	STERRASX	143,387	54-1	0,4
54	0,8	STERRASX	116,89	54-1	0,8
54	0	STERRADX	-360,0559	54-1	0
54	0,4	STERRADX	-333,5589	54-1	0,4
54	0,8	STERRADX	-307,062	54-1	0,8
54	0	TERMP	-7,8648	54-1	0
54	0,4	TERMP	-7,8648	54-1	0,4
54	0,8	TERMP	-7,8648	54-1	0,8
54	0	TERMN	23,5944	54-1	0
54	0,4	TERMN	23,5944	54-1	0,4
54	0,8	TERMN	23,5944	54-1	0,8
54	0	GRADTP	68,3719	54-1	0
54	0,4	GRADTP	68,3719	54-1	0,4
54	0,8	GRADTP	68,3719	54-1	0,8
54	0	GRADTN	-68,3719	54-1	0
54	0,4	GRADTN	-68,3719	54-1	0,4
54	0,8	GRADTN	-68,3719	54-1	0,8
54	0	LM71C	-94,2275	54-1	0
54	0,4	LM71C	-7,2075	54-1	0,4
54	0,8	LM71C	74,8765	54-1	0,8
54	0	LM71SX	-78,3911	54-1	0
54	0,4	LM71SX	12,1859	54-1	0,4
54	0,8	LM71SX	92,811	54-1	0,8
54	0	LM71DX	-91,8555	54-1	0
54	0,4	LM71DX	-16,5435	54-1	0,4
54	0,8	LM71DX	53,8324	54-1	0,8
54	0	STLM71	62,3238	54-1	0
54	0,4	STLM71	53,9967	54-1	0,4
54	0,8	STLM71	45,6696	54-1	0,8
54	0	AVVLM71	199,4883	54-1	0
54	0,4	AVVLM71	179,5394	54-1	0,4
54	0,8	AVVLM71	159,5906	54-1	0,8
54	0	SW2	-73,5752	54-1	0
54	0,4	SW2	6,3616	54-1	0,4
54	0,8	SW2	77,884	54-1	0,8
54	0	STSW2	106,2511	54-1	0
54	0,4	STSW2	92,0549	54-1	0,4
54	0,8	STSW2	77,8586	54-1	0,8
54	0	FRENSW2	211,5666	54-1	0
54	0,4	FRENSW2	190,41	54-1	0,4
54	0,8	FRENSW2	169,2533	54-1	0,8
54	0	SERP	0	54-1	0
54	0,4	SERP	0	54-1	0,4
54	0,8	SERP	0	54-1	0,8
54	0	INCRTER	396,4075	54-1	0
54	0,4	INCRTER	343,4433	54-1	0,4
54	0,8	INCRTER	290,4792	54-1	0,8
54	0	LM71SISO	73,834	54-1	0
54	0,4	LM71SISO	66,4506	54-1	0,4
54	0,8	LM71SISO	59,0672	54-1	0,8
54	0	SW2SISO	62,5349	54-1	0
54	0,4	SW2SISO	56,2814	54-1	0,4
54	0,8	SW2SISO	50,0279	54-1	0,8
54	0	SISMAO	310,3116	54-1	0
54	0,4	SISMAO	279,2804	54-1	0,4
54	0,8	SISMAO	248,2493	54-1	0,8
54	0	LM71SVA	2,7001	54-1	0
54	0,4	LM71SVA	-0,2335	54-1	0,4
54	0,8	LM71SVA	-2,8583	54-1	0,8
54	0	SW2SVA	2,2804	54-1	0
54	0,4	SW2SVA	-0,1972	54-1	0,4
54	0,8	SW2SVA	-2,414	54-1	0,8
54	0	SISMAVA	3,1167	54-1	0
54	0,4	SISMAVA	-6,1401	54-1	0,4
54	0,8	SISMAVA	-14,4225	54-1	0,8
54	0	LM71SVB	-2,7001	54-1	0
54	0,4	LM71SVB	0,2335	54-1	0,4
54	0,8	LM71SVB	2,8583	54-1	0,8
54	0	SW2SVB	-2,2804	54-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
54	0,4	SW2SVB	0,1972	54-1	0,4
54	0,8	SW2SVB	2,414	54-1	0,8
54	0	SISMAVB	-3,1167	54-1	0
54	0,4	SISMAVB	6,1401	54-1	0,4
54	0,8	SISMAVB	14,4225	54-1	0,8
55	0	PP	68,123	55-1	0
55	0,41667	PP	96,1616	55-1	0,41667
55	0,83333	PP	120,2951	55-1	0,83333
55	1,25	PP	140,5235	55-1	1,25
55	0	REINTSUP	3,5543	55-1	0
55	0,41667	REINTSUP	6,546	55-1	0,41667
55	0,83333	REINTSUP	9,121	55-1	0,83333
55	1,25	REINTSUP	11,2793	55-1	1,25
55	0	BALLAST	21,3259	55-1	0
55	0,41667	BALLAST	39,2759	55-1	0,41667
55	0,83333	BALLAST	54,7259	55-1	0,83333
55	1,25	BALLAST	67,6759	55-1	1,25
55	0	STERRASX	116,89	55-1	0
55	0,41667	STERRASX	89,2889	55-1	0,41667
55	0,83333	STERRASX	61,6879	55-1	0,83333
55	1,25	STERRASX	34,0869	55-1	1,25
55	0	STERRADX	-307,062	55-1	0
55	0,41667	STERRADX	-279,4609	55-1	0,41667
55	0,83333	STERRADX	-251,8599	55-1	0,83333
55	1,25	STERRADX	-224,2588	55-1	1,25
55	0	TERMP	-7,8648	55-1	0
55	0,41667	TERMP	-7,8648	55-1	0,41667
55	0,83333	TERMP	-7,8648	55-1	0,83333
55	1,25	TERMP	-7,8648	55-1	1,25
55	0	TERMN	23,5944	55-1	0
55	0,41667	TERMN	23,5944	55-1	0,41667
55	0,83333	TERMN	23,5944	55-1	0,83333
55	1,25	TERMN	23,5944	55-1	1,25
55	0	GRADTP	68,3719	55-1	0
55	0,41667	GRADTP	68,3719	55-1	0,41667
55	0,83333	GRADTP	68,3719	55-1	0,83333
55	1,25	GRADTP	68,3719	55-1	1,25
55	0	GRADTN	-68,3719	55-1	0
55	0,41667	GRADTN	-68,3719	55-1	0,41667
55	0,83333	GRADTN	-68,3719	55-1	0,83333
55	1,25	GRADTN	-68,3719	55-1	1,25
55	0	LM71C	74,8765	55-1	0
55	0,41667	LM71C	152,4105	55-1	0,41667
55	0,83333	LM71C	219,1459	55-1	0,83333
55	1,25	LM71C	275,0828	55-1	1,25
55	0	LM71SX	92,811	55-1	0
55	0,41667	LM71SX	166,2128	55-1	0,41667
55	0,83333	LM71SX	228,816	55-1	0,83333
55	1,25	LM71SX	280,6206	55-1	1,25
55	0	LM71DX	53,8324	55-1	0
55	0,41667	LM71DX	121,8919	55-1	0,41667
55	0,83333	LM71DX	184,5954	55-1	0,83333
55	1,25	LM71DX	241,9431	55-1	1,25
55	0	STLM71	45,6696	55-1	0
55	0,41667	STLM71	36,9955	55-1	0,41667
55	0,83333	STLM71	28,3214	55-1	0,83333
55	1,25	STLM71	19,6474	55-1	1,25
55	0	AVVLM71	159,5906	55-1	0
55	0,41667	AVVLM71	138,8106	55-1	0,41667
55	0,83333	AVVLM71	118,0306	55-1	0,83333
55	1,25	AVVLM71	97,2505	55-1	1,25
55	0	SW2	77,884	55-1	0
55	0,41667	SW2	143,4389	55-1	0,41667
55	0,83333	SW2	199,8635	55-1	0,83333
55	1,25	SW2	247,158	55-1	1,25
55	0	STSW2	77,8586	55-1	0
55	0,41667	STSW2	63,0709	55-1	0,41667
55	0,83333	STSW2	48,2831	55-1	0,83333
55	1,25	STSW2	33,4953	55-1	1,25
55	0	FRENSW2	169,2533	55-1	0
55	0,41667	FRENSW2	147,2151	55-1	0,41667
55	0,83333	FRENSW2	125,1769	55-1	0,83333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
55	1,25	FRENSW2	103,1387	55-1	1,25
55	0	SERP	0	55-1	0
55	0,41667	SERP	0	55-1	0,41667
55	0,83333	SERP	0	55-1	0,83333
55	1,25	SERP	0	55-1	1,25
55	0	INCRTER	290,4792	55-1	0
55	0,41667	INCRTER	235,3082	55-1	0,41667
55	0,83333	INCRTER	180,1372	55-1	0,83333
55	1,25	INCRTER	124,9662	55-1	1,25
55	0	LM71SISO	59,0672	55-1	0
55	0,41667	LM71SISO	51,3762	55-1	0,41667
55	0,83333	LM71SISO	43,6851	55-1	0,83333
55	1,25	LM71SISO	35,9941	55-1	1,25
55	0	SW2SISO	50,0279	55-1	0
55	0,41667	SW2SISO	43,5139	55-1	0,41667
55	0,83333	SW2SISO	36,9998	55-1	0,83333
55	1,25	SW2SISO	30,4858	55-1	1,25
55	0	SISMAO	248,2493	55-1	0
55	0,41667	SISMAO	215,9252	55-1	0,41667
55	0,83333	SISMAO	183,601	55-1	0,83333
55	1,25	SISMAO	151,2769	55-1	1,25
55	0	LM71SVA	-2,8583	55-1	0
55	0,41667	LM71SVA	-5,2641	55-1	0,41667
55	0,83333	LM71SVA	-7,3348	55-1	0,83333
55	1,25	LM71SVA	-9,0705	55-1	1,25
55	0	SW2SVA	-2,414	55-1	0
55	0,41667	SW2SVA	-4,4458	55-1	0,41667
55	0,83333	SW2SVA	-6,1947	55-1	0,83333
55	1,25	SW2SVA	-7,6605	55-1	1,25
55	0	SISMAVA	-14,4225	55-1	0
55	0,41667	SISMAVA	-22,0139	55-1	0,41667
55	0,83333	SISMAVA	-28,5479	55-1	0,83333
55	1,25	SISMAVA	-34,0247	55-1	1,25
55	0	LM71SVB	2,8583	55-1	0
55	0,41667	LM71SVB	5,2641	55-1	0,41667
55	0,83333	LM71SVB	7,3348	55-1	0,83333
55	1,25	LM71SVB	9,0705	55-1	1,25
55	0	SW2SVB	2,414	55-1	0
55	0,41667	SW2SVB	4,4458	55-1	0,41667
55	0,83333	SW2SVB	6,1947	55-1	0,83333
55	1,25	SW2SVB	7,6605	55-1	1,25
55	0	SISMAVB	14,4225	55-1	0
55	0,41667	SISMAVB	22,0139	55-1	0,41667
55	0,83333	SISMAVB	28,5479	55-1	0,83333
55	1,25	SISMAVB	34,0247	55-1	1,25
56	0	PP	140,5235	56-1	0
56	0,4875	PP	159,2334	56-1	0,4875
56	0,975	PP	172,5976	56-1	0,975
56	1,4625	PP	180,6161	56-1	1,4625
56	1,95	PP	183,289	56-1	1,95
56	2,4375	PP	180,6161	56-1	2,4375
56	2,925	PP	172,5976	56-1	2,925
56	3,4125	PP	159,2334	56-1	3,4125
56	3,9	PP	140,5235	56-1	3,9
56	0	REINTSUP	11,2793	56-1	0
56	0,4875	REINTSUP	13,2756	56-1	0,4875
56	0,975	REINTSUP	14,7016	56-1	0,975
56	1,4625	REINTSUP	15,5571	56-1	1,4625
56	1,95	REINTSUP	15,8423	56-1	1,95
56	2,4375	REINTSUP	15,5571	56-1	2,4375
56	2,925	REINTSUP	14,7016	56-1	2,925
56	3,4125	REINTSUP	13,2756	56-1	3,4125
56	3,9	REINTSUP	11,2793	56-1	3,9
56	0	BALLAST	67,6759	56-1	0
56	0,4875	BALLAST	79,6538	56-1	0,4875
56	0,975	BALLAST	88,2094	56-1	0,975
56	1,4625	BALLAST	93,3428	56-1	1,4625
56	1,95	BALLAST	95,0539	56-1	1,95
56	2,4375	BALLAST	93,3428	56-1	2,4375
56	2,925	BALLAST	88,2094	56-1	2,925
56	3,4125	BALLAST	79,6538	56-1	3,4125
56	3,9	BALLAST	67,6759	56-1	3,9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0	STERRASX	34,0869	56-1	0
56	0,4875	STERRASX	1,7937	56-1	0,4875
56	0,975	STERRASX	-30,4996	56-1	0,975
56	1,4625	STERRASX	-62,7928	56-1	1,4625
56	1,95	STERRASX	-95,086	56-1	1,95
56	2,4375	STERRASX	-127,3792	56-1	2,4375
56	2,925	STERRASX	-159,6724	56-1	2,925
56	3,4125	STERRASX	-191,9656	56-1	3,4125
56	3,9	STERRASX	-224,2588	56-1	3,9
56	0	STERRADX	-224,2588	56-1	0
56	0,4875	STERRADX	-191,9656	56-1	0,4875
56	0,975	STERRADX	-159,6724	56-1	0,975
56	1,4625	STERRADX	-127,3792	56-1	1,4625
56	1,95	STERRADX	-95,086	56-1	1,95
56	2,4375	STERRADX	-62,7928	56-1	2,4375
56	2,925	STERRADX	-30,4996	56-1	2,925
56	3,4125	STERRADX	1,7937	56-1	3,4125
56	3,9	STERRADX	34,0869	56-1	3,9
56	0	TERMP	-7,8648	56-1	0
56	0,4875	TERMP	-7,8648	56-1	0,4875
56	0,975	TERMP	-7,8648	56-1	0,975
56	1,4625	TERMP	-7,8648	56-1	1,4625
56	1,95	TERMP	-7,8648	56-1	1,95
56	2,4375	TERMP	-7,8648	56-1	2,4375
56	2,925	TERMP	-7,8648	56-1	2,925
56	3,4125	TERMP	-7,8648	56-1	3,4125
56	3,9	TERMP	-7,8648	56-1	3,9
56	0	TERMN	23,5944	56-1	0
56	0,4875	TERMN	23,5944	56-1	0,4875
56	0,975	TERMN	23,5944	56-1	0,975
56	1,4625	TERMN	23,5944	56-1	1,4625
56	1,95	TERMN	23,5944	56-1	1,95
56	2,4375	TERMN	23,5944	56-1	2,4375
56	2,925	TERMN	23,5944	56-1	2,925
56	3,4125	TERMN	23,5944	56-1	3,4125
56	3,9	TERMN	23,5944	56-1	3,9
56	0	GRADTP	68,3719	56-1	0
56	0,4875	GRADTP	68,3719	56-1	0,4875
56	0,975	GRADTP	68,3719	56-1	0,975
56	1,4625	GRADTP	68,3719	56-1	1,4625
56	1,95	GRADTP	68,3719	56-1	1,95
56	2,4375	GRADTP	68,3719	56-1	2,4375
56	2,925	GRADTP	68,3719	56-1	2,925
56	3,4125	GRADTP	68,3719	56-1	3,4125
56	3,9	GRADTP	68,3719	56-1	3,9
56	0	GRADTN	-68,3719	56-1	0
56	0,4875	GRADTN	-68,3719	56-1	0,4875
56	0,975	GRADTN	-68,3719	56-1	0,975
56	1,4625	GRADTN	-68,3719	56-1	1,4625
56	1,95	GRADTN	-68,3719	56-1	1,95
56	2,4375	GRADTN	-68,3719	56-1	2,4375
56	2,925	GRADTN	-68,3719	56-1	2,925
56	3,4125	GRADTN	-68,3719	56-1	3,4125
56	3,9	GRADTN	-68,3719	56-1	3,9
56	0	LM71C	275,0828	56-1	0
56	0,4875	LM71C	326,8205	56-1	0,4875
56	0,975	LM71C	363,7761	56-1	0,975
56	1,4625	LM71C	385,9494	56-1	1,4625
56	1,95	LM71C	393,3405	56-1	1,95
56	2,4375	LM71C	385,9494	56-1	2,4375
56	2,925	LM71C	363,7761	56-1	2,925
56	3,4125	LM71C	326,8205	56-1	3,4125
56	3,9	LM71C	275,0828	56-1	3,9
56	0	LM71SX	280,6206	56-1	0
56	0,4875	LM71SX	327,5237	56-1	0,4875
56	0,975	LM71SX	359,6446	56-1	0,975
56	1,4625	LM71SX	376,9832	56-1	1,4625
56	1,95	LM71SX	379,5396	56-1	1,95
56	2,4375	LM71SX	367,3138	56-1	2,4375
56	2,925	LM71SX	340,3058	56-1	2,925
56	3,4125	LM71SX	298,5156	56-1	3,4125
56	3,9	LM71SX	241,9431	56-1	3,9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0	LM71DX	241,9431	56-1	0
56	0,4875	LM71DX	298,5156	56-1	0,4875
56	0,975	LM71DX	340,3058	56-1	0,975
56	1,4625	LM71DX	367,3138	56-1	1,4625
56	1,95	LM71DX	379,5396	56-1	1,95
56	2,4375	LM71DX	376,9832	56-1	2,4375
56	2,925	LM71DX	359,6446	56-1	2,925
56	3,4125	LM71DX	327,5237	56-1	3,4125
56	3,9	LM71DX	280,6206	56-1	3,9
56	0	STLM71	19,6474	56-1	0
56	0,4875	STLM71	9,4987	56-1	0,4875
56	0,975	STLM71	-0,6499	56-1	0,975
56	1,4625	STLM71	-10,7986	56-1	1,4625
56	1,95	STLM71	-20,9472	56-1	1,95
56	2,4375	STLM71	-31,0959	56-1	2,4375
56	2,925	STLM71	-41,2445	56-1	2,925
56	3,4125	STLM71	-51,3932	56-1	3,4125
56	3,9	STLM71	-61,5419	56-1	3,9
56	0	AVVLM71	97,2505	56-1	0
56	0,4875	AVVLM71	72,9379	56-1	0,4875
56	0,975	AVVLM71	48,6253	56-1	0,975
56	1,4625	AVVLM71	24,3126	56-1	1,4625
56	1,95	AVVLM71	-5,495E-11	56-1	1,95
56	2,4375	AVVLM71	-24,3126	56-1	2,4375
56	2,925	AVVLM71	-48,6253	56-1	2,925
56	3,4125	AVVLM71	-72,9379	56-1	3,4125
56	3,9	AVVLM71	-97,2505	56-1	3,9
56	0	SW2	247,158	56-1	0
56	0,4875	SW2	290,9022	56-1	0,4875
56	0,975	SW2	322,1481	56-1	0,975
56	1,4625	SW2	340,8956	56-1	1,4625
56	1,95	SW2	347,1448	56-1	1,95
56	2,4375	SW2	340,8956	56-1	2,4375
56	2,925	SW2	322,1481	56-1	2,925
56	3,4125	SW2	290,9022	56-1	3,4125
56	3,9	SW2	247,158	56-1	3,9
56	0	STSW2	33,4953	56-1	0
56	0,4875	STSW2	16,1937	56-1	0,4875
56	0,975	STSW2	-1,108	56-1	0,975
56	1,4625	STSW2	-18,4097	56-1	1,4625
56	1,95	STSW2	-35,7114	56-1	1,95
56	2,4375	STSW2	-53,0131	56-1	2,4375
56	2,925	STSW2	-70,3147	56-1	2,925
56	3,4125	STSW2	-87,6164	56-1	3,4125
56	3,9	STSW2	-104,9181	56-1	3,9
56	0	FRENSW2	103,1387	56-1	0
56	0,4875	FRENSW2	77,3541	56-1	0,4875
56	0,975	FRENSW2	51,5694	56-1	0,975
56	1,4625	FRENSW2	25,7847	56-1	1,4625
56	1,95	FRENSW2	-5,805E-11	56-1	1,95
56	2,4375	FRENSW2	-25,7847	56-1	2,4375
56	2,925	FRENSW2	-51,5694	56-1	2,925
56	3,4125	FRENSW2	-77,3541	56-1	3,4125
56	3,9	FRENSW2	-103,1387	56-1	3,9
56	0	SERP	0	56-1	0
56	0,4875	SERP	0	56-1	0,4875
56	0,975	SERP	0	56-1	0,975
56	1,4625	SERP	0	56-1	1,4625
56	1,95	SERP	0	56-1	1,95
56	2,4375	SERP	0	56-1	2,4375
56	2,925	SERP	0	56-1	2,925
56	3,4125	SERP	0	56-1	3,4125
56	3,9	SERP	0	56-1	3,9
56	0	INCRTER	124,9662	56-1	0
56	0,4875	INCRTER	60,4162	56-1	0,4875
56	0,975	INCRTER	-4,1339	56-1	0,975
56	1,4625	INCRTER	-68,6839	56-1	1,4625
56	1,95	INCRTER	-133,234	56-1	1,95
56	2,4375	INCRTER	-197,784	56-1	2,4375
56	2,925	INCRTER	-262,3341	56-1	2,925
56	3,4125	INCRTER	-326,8841	56-1	3,4125
56	3,9	INCRTER	-391,4342	56-1	3,9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0	LM71SISO	35,9941	56-1	0
56	0,4875	LM71SISO	26,9956	56-1	0,4875
56	0,975	LM71SISO	17,997	56-1	0,975
56	1,4625	LM71SISO	8,9985	56-1	1,4625
56	1,95	LM71SISO	-2,065E-11	56-1	1,95
56	2,4375	LM71SISO	-8,9985	56-1	2,4375
56	2,925	LM71SISO	-17,997	56-1	2,925
56	3,4125	LM71SISO	-26,9956	56-1	3,4125
56	3,9	LM71SISO	-35,9941	56-1	3,9
56	0	SW2SISO	30,4858	56-1	0
56	0,4875	SW2SISO	22,8643	56-1	0,4875
56	0,975	SW2SISO	15,2429	56-1	0,975
56	1,4625	SW2SISO	7,6214	56-1	1,4625
56	1,95	SW2SISO	-1,737E-11	56-1	1,95
56	2,4375	SW2SISO	-7,6214	56-1	2,4375
56	2,925	SW2SISO	-15,2429	56-1	2,925
56	3,4125	SW2SISO	-22,8643	56-1	3,4125
56	3,9	SW2SISO	-30,4858	56-1	3,9
56	0	SISMAO	151,2769	56-1	0
56	0,4875	SISMAO	113,4577	56-1	0,4875
56	0,975	SISMAO	75,6385	56-1	0,975
56	1,4625	SISMAO	37,8192	56-1	1,4625
56	1,95	SISMAO	-1,094E-10	56-1	1,95
56	2,4375	SISMAO	-37,8192	56-1	2,4375
56	2,925	SISMAO	-75,6385	56-1	2,925
56	3,4125	SISMAO	-113,4577	56-1	3,4125
56	3,9	SISMAO	-151,2769	56-1	3,9
56	0	LM71SVA	-9,0705	56-1	0
56	0,4875	LM71SVA	-10,6758	56-1	0,4875
56	0,975	LM71SVA	-11,8225	56-1	0,975
56	1,4625	LM71SVA	-12,5105	56-1	1,4625
56	1,95	LM71SVA	-12,7399	56-1	1,95
56	2,4375	LM71SVA	-12,5105	56-1	2,4375
56	2,925	LM71SVA	-11,8225	56-1	2,925
56	3,4125	LM71SVA	-10,6758	56-1	3,4125
56	3,9	LM71SVA	-9,0705	56-1	3,9
56	0	SW2SVA	-7,6605	56-1	0
56	0,4875	SW2SVA	-9,0164	56-1	0,4875
56	0,975	SW2SVA	-9,9848	56-1	0,975
56	1,4625	SW2SVA	-10,5659	56-1	1,4625
56	1,95	SW2SVA	-10,7596	56-1	1,95
56	2,4375	SW2SVA	-10,5659	56-1	2,4375
56	2,925	SW2SVA	-9,9848	56-1	2,925
56	3,4125	SW2SVA	-9,0164	56-1	3,4125
56	3,9	SW2SVA	-7,6605	56-1	3,9
56	0	SISMAVA	-34,0247	56-1	0
56	0,4875	SISMAVA	-39,0904	56-1	0,4875
56	0,975	SISMAVA	-42,7087	56-1	0,975
56	1,4625	SISMAVA	-44,8797	56-1	1,4625
56	1,95	SISMAVA	-45,6033	56-1	1,95
56	2,4375	SISMAVA	-44,8797	56-1	2,4375
56	2,925	SISMAVA	-42,7087	56-1	2,925
56	3,4125	SISMAVA	-39,0904	56-1	3,4125
56	3,9	SISMAVA	-34,0247	56-1	3,9
56	0	LM71SVB	9,0705	56-1	0
56	0,4875	LM71SVB	10,6758	56-1	0,4875
56	0,975	LM71SVB	11,8225	56-1	0,975
56	1,4625	LM71SVB	12,5105	56-1	1,4625
56	1,95	LM71SVB	12,7399	56-1	1,95
56	2,4375	LM71SVB	12,5105	56-1	2,4375
56	2,925	LM71SVB	11,8225	56-1	2,925
56	3,4125	LM71SVB	10,6758	56-1	3,4125
56	3,9	LM71SVB	9,0705	56-1	3,9
56	0	SW2SVB	7,6605	56-1	0
56	0,4875	SW2SVB	9,0164	56-1	0,4875
56	0,975	SW2SVB	9,9848	56-1	0,975
56	1,4625	SW2SVB	10,5659	56-1	1,4625
56	1,95	SW2SVB	10,7596	56-1	1,95
56	2,4375	SW2SVB	10,5659	56-1	2,4375
56	2,925	SW2SVB	9,9848	56-1	2,925
56	3,4125	SW2SVB	9,0164	56-1	3,4125
56	3,9	SW2SVB	7,6605	56-1	3,9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
56	0	SISMAVB	34,0247	56-1	0
56	0,4875	SISMAVB	39,0904	56-1	0,4875
56	0,975	SISMAVB	42,7087	56-1	0,975
56	1,4625	SISMAVB	44,8797	56-1	1,4625
56	1,95	SISMAVB	45,6033	56-1	1,95
56	2,4375	SISMAVB	44,8797	56-1	2,4375
56	2,925	SISMAVB	42,7087	56-1	2,925
56	3,4125	SISMAVB	39,0904	56-1	3,4125
56	3,9	SISMAVB	34,0247	56-1	3,9
57	0	PP	140,5235	57-1	0
57	0,41667	PP	120,2951	57-1	0,41667
57	0,83333	PP	96,1616	57-1	0,83333
57	1,25	PP	68,123	57-1	1,25
57	0	REINTSUP	11,2793	57-1	0
57	0,41667	REINTSUP	9,121	57-1	0,41667
57	0,83333	REINTSUP	6,546	57-1	0,83333
57	1,25	REINTSUP	3,5543	57-1	1,25
57	0	BALLAST	67,6759	57-1	0
57	0,41667	BALLAST	54,7259	57-1	0,41667
57	0,83333	BALLAST	39,2759	57-1	0,83333
57	1,25	BALLAST	21,3259	57-1	1,25
57	0	STERRASX	-224,2588	57-1	0
57	0,41667	STERRASX	-251,8599	57-1	0,41667
57	0,83333	STERRASX	-279,4609	57-1	0,83333
57	1,25	STERRASX	-307,062	57-1	1,25
57	0	STERRADX	34,0869	57-1	0
57	0,41667	STERRADX	61,6879	57-1	0,41667
57	0,83333	STERRADX	89,2889	57-1	0,83333
57	1,25	STERRADX	116,89	57-1	1,25
57	0	TERMP	-7,8648	57-1	0
57	0,41667	TERMP	-7,8648	57-1	0,41667
57	0,83333	TERMP	-7,8648	57-1	0,83333
57	1,25	TERMP	-7,8648	57-1	1,25
57	0	TERMN	23,5944	57-1	0
57	0,41667	TERMN	23,5944	57-1	0,41667
57	0,83333	TERMN	23,5944	57-1	0,83333
57	1,25	TERMN	23,5944	57-1	1,25
57	0	GRADTP	68,3719	57-1	0
57	0,41667	GRADTP	68,3719	57-1	0,41667
57	0,83333	GRADTP	68,3719	57-1	0,83333
57	1,25	GRADTP	68,3719	57-1	1,25
57	0	GRADTN	-68,3719	57-1	0
57	0,41667	GRADTN	-68,3719	57-1	0,41667
57	0,83333	GRADTN	-68,3719	57-1	0,83333
57	1,25	GRADTN	-68,3719	57-1	1,25
57	0	LM71C	275,0828	57-1	0
57	0,41667	LM71C	219,1459	57-1	0,41667
57	0,83333	LM71C	152,4105	57-1	0,83333
57	1,25	LM71C	74,8765	57-1	1,25
57	0	LM71SX	241,9431	57-1	0
57	0,41667	LM71SX	184,5954	57-1	0,41667
57	0,83333	LM71SX	121,8919	57-1	0,83333
57	1,25	LM71SX	53,8324	57-1	1,25
57	0	LM71DX	280,6206	57-1	0
57	0,41667	LM71DX	228,816	57-1	0,41667
57	0,83333	LM71DX	166,2128	57-1	0,83333
57	1,25	LM71DX	92,811	57-1	1,25
57	0	STLM71	-61,5419	57-1	0
57	0,41667	STLM71	-70,2159	57-1	0,41667
57	0,83333	STLM71	-78,89	57-1	0,83333
57	1,25	STLM71	-87,564	57-1	1,25
57	0	AVVLM71	-97,2505	57-1	0
57	0,41667	AVVLM71	-118,0306	57-1	0,41667
57	0,83333	AVVLM71	-138,8106	57-1	0,83333
57	1,25	AVVLM71	-159,5906	57-1	1,25
57	0	SW2	247,158	57-1	0
57	0,41667	SW2	199,8635	57-1	0,41667
57	0,83333	SW2	143,4389	57-1	0,83333
57	1,25	SW2	77,884	57-1	1,25
57	0	STSW2	-104,9181	57-1	0
57	0,41667	STSW2	-119,7059	57-1	0,41667
57	0,83333	STSW2	-134,4936	57-1	0,83333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
57	1,25	STSW2	-149,2814	57-1	1,25
57	0	FRENSW2	-103,1387	57-1	0
57	0,41667	FRENSW2	-125,1769	57-1	0,41667
57	0,83333	FRENSW2	-147,2151	57-1	0,83333
57	1,25	FRENSW2	-169,2533	57-1	1,25
57	0	SERP	0	57-1	0
57	0,41667	SERP	0	57-1	0,41667
57	0,83333	SERP	0	57-1	0,83333
57	1,25	SERP	0	57-1	1,25
57	0	INCRTER	-391,4342	57-1	0
57	0,41667	INCRTER	-446,6051	57-1	0,41667
57	0,83333	INCRTER	-501,7761	57-1	0,83333
57	1,25	INCRTER	-556,9471	57-1	1,25
57	0	LM71SISO	-35,9941	57-1	0
57	0,41667	LM71SISO	-43,6851	57-1	0,41667
57	0,83333	LM71SISO	-51,3762	57-1	0,83333
57	1,25	LM71SISO	-59,0672	57-1	1,25
57	0	SW2SISO	-30,4858	57-1	0
57	0,41667	SW2SISO	-36,9998	57-1	0,41667
57	0,83333	SW2SISO	-43,5139	57-1	0,83333
57	1,25	SW2SISO	-50,0279	57-1	1,25
57	0	SISMAO	-151,2769	57-1	0
57	0,41667	SISMAO	-183,601	57-1	0,41667
57	0,83333	SISMAO	-215,9252	57-1	0,83333
57	1,25	SISMAO	-248,2493	57-1	1,25
57	0	LM71SVA	-9,0705	57-1	0
57	0,41667	LM71SVA	-7,3348	57-1	0,41667
57	0,83333	LM71SVA	-5,2641	57-1	0,83333
57	1,25	LM71SVA	-2,8583	57-1	1,25
57	0	SW2SVA	-7,6605	57-1	0
57	0,41667	SW2SVA	-6,1947	57-1	0,41667
57	0,83333	SW2SVA	-4,4458	57-1	0,83333
57	1,25	SW2SVA	-2,414	57-1	1,25
57	0	SISMAVA	-34,0247	57-1	0
57	0,41667	SISMAVA	-28,5479	57-1	0,41667
57	0,83333	SISMAVA	-22,0139	57-1	0,83333
57	1,25	SISMAVA	-14,4225	57-1	1,25
57	0	LM71SVB	9,0705	57-1	0
57	0,41667	LM71SVB	7,3348	57-1	0,41667
57	0,83333	LM71SVB	5,2641	57-1	0,83333
57	1,25	LM71SVB	2,8583	57-1	1,25
57	0	SW2SVB	7,6605	57-1	0
57	0,41667	SW2SVB	6,1947	57-1	0,41667
57	0,83333	SW2SVB	4,4458	57-1	0,83333
57	1,25	SW2SVB	2,414	57-1	1,25
57	0	SISMAVB	34,0247	57-1	0
57	0,41667	SISMAVB	28,5479	57-1	0,41667
57	0,83333	SISMAVB	22,0139	57-1	0,83333
57	1,25	SISMAVB	14,4225	57-1	1,25
58	0	PP	68,123	58-1	0
58	0,4	PP	37,532	58-1	0,4
58	0,8	PP	3,3421	58-1	0,8
58	0	REINTSUP	3,5543	58-1	0
58	0,4	REINTSUP	0,2903	58-1	0,4
58	0,8	REINTSUP	-3,3577	58-1	0,8
58	0	BALLAST	21,3259	58-1	0
58	0,4	BALLAST	1,7419	58-1	0,4
58	0,8	BALLAST	-20,1461	58-1	0,8
58	0	STERRASX	-307,062	58-1	0
58	0,4	STERRASX	-333,5589	58-1	0,4
58	0,8	STERRASX	-360,0559	58-1	0,8
58	0	STERRADX	116,89	58-1	0
58	0,4	STERRADX	143,387	58-1	0,4
58	0,8	STERRADX	169,884	58-1	0,8
58	0	TERMP	-7,8648	58-1	0
58	0,4	TERMP	-7,8648	58-1	0,4
58	0,8	TERMP	-7,8648	58-1	0,8
58	0	TERMN	23,5944	58-1	0
58	0,4	TERMN	23,5944	58-1	0,4
58	0,8	TERMN	23,5944	58-1	0,8
58	0	GRADTP	68,3719	58-1	0
58	0,4	GRADTP	68,3719	58-1	0,4

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
58	0,8	GRADTP	68,3719	58-1	0,8
58	0	GRADTN	-68,3719	58-1	0
58	0,4	GRADTN	-68,3719	58-1	0,4
58	0,8	GRADTN	-68,3719	58-1	0,8
58	0	LM71C	74,8765	58-1	0
58	0,4	LM71C	-7,2075	58-1	0,4
58	0,8	LM71C	-94,2275	58-1	0,8
58	0	LM71SX	53,8324	58-1	0
58	0,4	LM71SX	-16,5435	58-1	0,4
58	0,8	LM71SX	-91,8555	58-1	0,8
58	0	LM71DX	92,811	58-1	0
58	0,4	LM71DX	12,1859	58-1	0,4
58	0,8	LM71DX	-78,3911	58-1	0,8
58	0	STLM71	-87,564	58-1	0
58	0,4	STLM71	-95,8911	58-1	0,4
58	0,8	STLM71	-104,2182	58-1	0,8
58	0	AVVLM71	-159,5906	58-1	0
58	0,4	AVVLM71	-179,5394	58-1	0,4
58	0,8	AVVLM71	-199,4883	58-1	0,8
58	0	SW2	77,884	58-1	0
58	0,4	SW2	6,3616	58-1	0,4
58	0,8	SW2	-73,5752	58-1	0,8
58	0	STSW2	-149,2814	58-1	0
58	0,4	STSW2	-163,4776	58-1	0,4
58	0,8	STSW2	-177,6739	58-1	0,8
58	0	FRENSW2	-169,2533	58-1	0
58	0,4	FRENSW2	-190,41	58-1	0,4
58	0,8	FRENSW2	-211,5666	58-1	0,8
58	0	SERP	0	58-1	0
58	0,4	SERP	0	58-1	0,4
58	0,8	SERP	0	58-1	0,8
58	0	INCRTER	-556,9471	58-1	0
58	0,4	INCRTER	-609,9112	58-1	0,4
58	0,8	INCRTER	-662,8754	58-1	0,8
58	0	LM71SISO	-59,0672	58-1	0
58	0,4	LM71SISO	-66,4506	58-1	0,4
58	0,8	LM71SISO	-73,834	58-1	0,8
58	0	SW2SISO	-50,0279	58-1	0
58	0,4	SW2SISO	-56,2814	58-1	0,4
58	0,8	SW2SISO	-62,5349	58-1	0,8
58	0	SISMAO	-248,2493	58-1	0
58	0,4	SISMAO	-279,2804	58-1	0,4
58	0,8	SISMAO	-310,3116	58-1	0,8
58	0	LM71SVA	-2,8583	58-1	0
58	0,4	LM71SVA	-0,2335	58-1	0,4
58	0,8	LM71SVA	2,7001	58-1	0,8
58	0	SW2SVA	-2,414	58-1	0
58	0,4	SW2SVA	-0,1972	58-1	0,4
58	0,8	SW2SVA	2,2804	58-1	0,8
58	0	SISMAVA	-14,4225	58-1	0
58	0,4	SISMAVA	-6,1401	58-1	0,4
58	0,8	SISMAVA	3,1167	58-1	0,8
58	0	LM71SVB	2,8583	58-1	0
58	0,4	LM71SVB	0,2335	58-1	0,4
58	0,8	LM71SVB	-2,7001	58-1	0,8
58	0	SW2SVB	2,414	58-1	0
58	0,4	SW2SVB	0,1972	58-1	0,4
58	0,8	SW2SVB	-2,2804	58-1	0,8
58	0	SISMAVB	14,4225	58-1	0
58	0,4	SISMAVB	6,1401	58-1	0,4
58	0,8	SISMAVB	-3,1167	58-1	0,8
59	0	PP	3,3421	59-1	0
59	0,225	PP	-17,4713	59-1	0,225
59	0	REINTSUP	-3,3577	59-1	0
59	0,225	REINTSUP	-5,5784	59-1	0,225
59	0	BALLAST	-20,1461	59-1	0
59	0,225	BALLAST	-33,4706	59-1	0,225
59	0	STERRASX	-360,0559	59-1	0
59	0,225	STERRASX	-374,9605	59-1	0,225
59	0	STERRADX	169,884	59-1	0
59	0,225	STERRADX	184,7885	59-1	0,225
59	0	TERMP	-7,8648	59-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
59	0,225	TERMP	-7,8648	59-1	0,225
59	0	TERMN	23,5944	59-1	0
59	0,225	TERMN	23,5944	59-1	0,225
59	0	GRADTP	68,3719	59-1	0
59	0,225	GRADTP	68,3719	59-1	0,225
59	0	GRADTN	-68,3719	59-1	0
59	0,225	GRADTN	-68,3719	59-1	0,225
59	0	LM71C	-94,2275	59-1	0
59	0,225	LM71C	-145,3454	59-1	0,225
59	0	LM71SX	-91,8555	59-1	0
59	0,225	LM71SX	-136,3876	59-1	0,225
59	0	LM71DX	-78,3911	59-1	0
59	0,225	LM71DX	-133,7142	59-1	0,225
59	0	STLM71	-104,2182	59-1	0
59	0,225	STLM71	-108,9022	59-1	0,225
59	0	AVVLM71	-199,4883	59-1	0
59	0,225	AVVLM71	-210,7095	59-1	0,225
59	0	SW2	-73,5752	59-1	0
59	0,225	SW2	-122,2374	59-1	0,225
59	0	STSW2	-177,6739	59-1	0
59	0,225	STSW2	-185,6593	59-1	0,225
59	0	FRENSW2	-211,5666	59-1	0
59	0,225	FRENSW2	-223,4673	59-1	0,225
59	0	SERP	0	59-1	0
59	0,225	SERP	0	59-1	0,225
59	0	INCRTER	-662,8754	59-1	0
59	0,225	INCRTER	-692,6677	59-1	0,225
59	0	LM71SISO	-73,834	59-1	0
59	0,225	LM71SISO	-77,9872	59-1	0,225
59	0	SW2SISO	-62,5349	59-1	0
59	0,225	SW2SISO	-66,0525	59-1	0,225
59	0	SISMAO	-310,3116	59-1	0
59	0,225	SISMAO	-327,7666	59-1	0,225
59	0	LM71SVA	2,7001	59-1	0
59	0,225	LM71SVA	4,486	59-1	0,225
59	0	SW2SVA	2,2804	59-1	0
59	0,225	SW2SVA	3,7887	59-1	0,225
59	0	SISMAVA	3,1167	59-1	0
59	0,225	SISMAVA	8,7518	59-1	0,225
59	0	LM71SVB	-2,7001	59-1	0
59	0,225	LM71SVB	-4,486	59-1	0,225
59	0	SW2SVB	-2,2804	59-1	0
59	0,225	SW2SVB	-3,7887	59-1	0,225
59	0	SISMAVB	-3,1167	59-1	0
59	0,225	SISMAVB	-8,7518	59-1	0,225
60	0	PP	-17,4713	60-1	0
60	0,225	PP	-39,4234	60-1	0,225
60	0	REINTSUP	-5,5784	60-1	0
60	0,225	REINTSUP	-7,9207	60-1	0,225
60	0	BALLAST	-33,4706	60-1	0
60	0,225	BALLAST	-47,5241	60-1	0,225
60	0	STERRASX	-374,9605	60-1	0
60	0,225	STERRASX	-389,8651	60-1	0,225
60	0	STERRADX	184,7885	60-1	0
60	0,225	STERRADX	199,6931	60-1	0,225
60	0	TERMP	-7,8648	60-1	0
60	0,225	TERMP	-7,8648	60-1	0,225
60	0	TERMN	23,5944	60-1	0
60	0,225	TERMN	23,5944	60-1	0,225
60	0	GRADTP	68,3719	60-1	0
60	0,225	GRADTP	68,3719	60-1	0,225
60	0	GRADTN	-68,3719	60-1	0
60	0,225	GRADTN	-68,3719	60-1	0,225
60	0	LM71C	-145,3454	60-1	0
60	0,225	LM71C	-198,0251	60-1	0,225
60	0	LM71SX	-136,3876	60-1	0
60	0,225	LM71SX	-182,4814	60-1	0,225
60	0	LM71DX	-133,7142	60-1	0
60	0,225	LM71DX	-192,1861	60-1	0,225
60	0	STLM71	-108,9022	60-1	0
60	0,225	STLM71	-113,5862	60-1	0,225
60	0	AVVLM71	-210,7095	60-1	0

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
60	0,225	AVVLM71	-221,9307	60-1	0,225
60	0	SW2	-122,2374	60-1	0
60	0,225	SW2	-173,562	60-1	0,225
60	0	STSW2	-185,6593	60-1	0
60	0,225	STSW2	-193,6447	60-1	0,225
60	0	FRENSW2	-223,4673	60-1	0
60	0,225	FRENSW2	-235,3679	60-1	0,225
60	0	SERP	0	60-1	0
60	0,225	SERP	0	60-1	0,225
60	0	INCRTER	-692,6677	60-1	0
60	0,225	INCRTER	-722,46	60-1	0,225
60	0	LM71SISO	-77,9872	60-1	0
60	0,225	LM71SISO	-82,1404	60-1	0,225
60	0	SW2SISO	-66,0525	60-1	0
60	0,225	SW2SISO	-69,5701	60-1	0,225
60	0	SISMAO	-327,7666	60-1	0
60	0,225	SISMAO	-345,2217	60-1	0,225
60	0	LM71SVA	4,486	60-1	0
60	0,225	LM71SVA	6,3695	60-1	0,225
60	0	SW2SVA	3,7887	60-1	0
60	0,225	SW2SVA	5,3795	60-1	0,225
60	0	SISMAVA	8,7518	60-1	0
60	0,225	SISMAVA	14,6953	60-1	0,225
60	0	LM71SVB	-4,486	60-1	0
60	0,225	LM71SVB	-6,3695	60-1	0,225
60	0	SW2SVB	-3,7887	60-1	0
60	0,225	SW2SVB	-5,3795	60-1	0,225
60	0	SISMAVB	-8,7518	60-1	0
60	0,225	SISMAVB	-14,6953	60-1	0,225

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
36	INCRTER	GLOBAL	Force	X	RelDist	0
36	SISMAO	GLOBAL	Force	X	RelDist	0
36	SISMAVA	GLOBAL	Force	Z	RelDist	0
36	SISMAVB	GLOBAL	Force	Z	RelDist	0
36	STERRASX	GLOBAL	Force	X	RelDist	0
36	STLM71	GLOBAL	Force	X	RelDist	0
36	STSW2	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	STERRADX	GLOBAL	Force	X	RelDist	0
38	INCRTER	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	STERRASX	GLOBAL	Force	X	RelDist	0
38	STLM71	GLOBAL	Force	X	RelDist	0
38	STSW2	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	STERRADX	GLOBAL	Force	X	RelDist	0
40	INCRTER	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	STERRASX	GLOBAL	Force	X	RelDist	0
40	STLM71	GLOBAL	Force	X	RelDist	0
40	STSW2	GLOBAL	Force	X	RelDist	0
41	SISMAO	GLOBAL	Force	X	RelDist	0
41	SISMAVA	GLOBAL	Force	Z	RelDist	0
41	SISMAVB	GLOBAL	Force	Z	RelDist	0
41	STERRADX	GLOBAL	Force	X	RelDist	0
42	INCRTER	GLOBAL	Force	X	RelDist	0
42	SISMAO	GLOBAL	Force	X	RelDist	0
42	SISMAVA	GLOBAL	Force	Z	RelDist	0
42	SISMAVB	GLOBAL	Force	Z	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
42	STERRASX	GLOBAL	Force	X	RelDist	0
42	STLM71	GLOBAL	Force	X	RelDist	0
42	STSW2	GLOBAL	Force	X	RelDist	0
43	SISMAO	GLOBAL	Force	X	RelDist	0
43	SISMAVA	GLOBAL	Force	Z	RelDist	0
43	SISMAVB	GLOBAL	Force	Z	RelDist	0
43	STERRADX	GLOBAL	Force	X	RelDist	0
44	INCRTER	GLOBAL	Force	X	RelDist	0
44	SISMAO	GLOBAL	Force	X	RelDist	0
44	SISMAVA	GLOBAL	Force	Z	RelDist	0
44	SISMAVB	GLOBAL	Force	Z	RelDist	0
44	STERRASX	GLOBAL	Force	X	RelDist	0
44	STLM71	GLOBAL	Force	X	RelDist	0
44	STSW2	GLOBAL	Force	X	RelDist	0
45	SISMAO	GLOBAL	Force	X	RelDist	0
45	SISMAVA	GLOBAL	Force	Z	RelDist	0
45	SISMAVB	GLOBAL	Force	Z	RelDist	0
45	STERRADX	GLOBAL	Force	X	RelDist	0
46	INCRTER	GLOBAL	Force	X	RelDist	0
46	SISMAO	GLOBAL	Force	X	RelDist	0
46	SISMAVA	GLOBAL	Force	Z	RelDist	0
46	SISMAVB	GLOBAL	Force	Z	RelDist	0
46	STERRASX	GLOBAL	Force	X	RelDist	0
46	STLM71	GLOBAL	Force	X	RelDist	0
46	STSW2	GLOBAL	Force	X	RelDist	0
47	SISMAO	GLOBAL	Force	X	RelDist	0
47	SISMAVA	GLOBAL	Force	Z	RelDist	0
47	SISMAVB	GLOBAL	Force	Z	RelDist	0
47	STERRADX	GLOBAL	Force	X	RelDist	0
48	INCRTER	GLOBAL	Force	X	RelDist	0
48	SISMAO	GLOBAL	Force	X	RelDist	0
48	SISMAVA	GLOBAL	Force	Z	RelDist	0
48	SISMAVB	GLOBAL	Force	Z	RelDist	0
48	STERRASX	GLOBAL	Force	X	RelDist	0
48	STLM71	GLOBAL	Force	X	RelDist	0
48	STSW2	GLOBAL	Force	X	RelDist	0
49	SISMAO	GLOBAL	Force	X	RelDist	0
49	SISMAVA	GLOBAL	Force	Z	RelDist	0
49	SISMAVB	GLOBAL	Force	Z	RelDist	0
49	STERRADX	GLOBAL	Force	X	RelDist	0
50	INCRTER	GLOBAL	Force	X	RelDist	0
50	SISMAO	GLOBAL	Force	X	RelDist	0
50	SISMAVA	GLOBAL	Force	Z	RelDist	0
50	SISMAVB	GLOBAL	Force	Z	RelDist	0
50	STERRASX	GLOBAL	Force	X	RelDist	0
50	STLM71	GLOBAL	Force	X	RelDist	0
50	STSW2	GLOBAL	Force	X	RelDist	0
51	SISMAO	GLOBAL	Force	X	RelDist	0
51	SISMAVA	GLOBAL	Force	Z	RelDist	0
51	SISMAVB	GLOBAL	Force	Z	RelDist	0
51	STERRADX	GLOBAL	Force	X	RelDist	0
52	AVVLM71	GLOBAL	Force	X	RelDist	0
52	BALLAST	GLOBAL	Force	Gravity	RelDist	0
52	FRENSW2	GLOBAL	Force	X	RelDist	0
52	LM71C	GLOBAL	Force	Gravity	RelDist	0
52	LM71DX	GLOBAL	Force	Gravity	RelDist	0
52	LM71SISO	GLOBAL	Force	X	RelDist	0
52	LM71SVA	GLOBAL	Force	Z	RelDist	0
52	LM71SVB	GLOBAL	Force	Z	RelDist	0
52	LM71SX	GLOBAL	Force	Gravity	RelDist	0
52	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
52	SISMAO	GLOBAL	Force	X	RelDist	0
52	SISMAVA	GLOBAL	Force	Z	RelDist	0
52	SISMAVB	GLOBAL	Force	Z	RelDist	0
52	SW2	GLOBAL	Force	Gravity	RelDist	0
52	SW2SISO	GLOBAL	Force	X	RelDist	0
52	SW2SVA	GLOBAL	Force	Z	RelDist	0
52	SW2SVB	GLOBAL	Force	Z	RelDist	0
53	AVVLM71	GLOBAL	Force	X	RelDist	0
53	BALLAST	GLOBAL	Force	Gravity	RelDist	0
53	FRENSW2	GLOBAL	Force	X	RelDist	0
53	LM71C	GLOBAL	Force	Gravity	RelDist	0

Table: Frame Loads - Distributed, Part 1 of 3

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

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
57	LM71SX	GLOBAL	Force	Gravity	RelDist	0
57	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
57	SISMAO	GLOBAL	Force	X	RelDist	0
57	SISMAVA	GLOBAL	Force	Z	RelDist	0
57	SISMAVB	GLOBAL	Force	Z	RelDist	0
57	SW2	GLOBAL	Force	Gravity	RelDist	0
57	SW2SISO	GLOBAL	Force	X	RelDist	0
57	SW2SVA	GLOBAL	Force	Z	RelDist	0
57	SW2SVB	GLOBAL	Force	Z	RelDist	0
58	AVVLM71	GLOBAL	Force	X	RelDist	0
58	BALLAST	GLOBAL	Force	Gravity	RelDist	0
58	FRENSW2	GLOBAL	Force	X	RelDist	0
58	LM71C	GLOBAL	Force	Gravity	RelDist	0
58	LM71DX	GLOBAL	Force	Gravity	RelDist	0
58	LM71SISO	GLOBAL	Force	X	RelDist	0
58	LM71SVA	GLOBAL	Force	Z	RelDist	0
58	LM71SVB	GLOBAL	Force	Z	RelDist	0
58	LM71SX	GLOBAL	Force	Gravity	RelDist	0
58	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
58	SISMAO	GLOBAL	Force	X	RelDist	0
58	SISMAVA	GLOBAL	Force	Z	RelDist	0
58	SISMAVB	GLOBAL	Force	Z	RelDist	0
58	SW2	GLOBAL	Force	Gravity	RelDist	0
58	SW2SISO	GLOBAL	Force	X	RelDist	0
58	SW2SVA	GLOBAL	Force	Z	RelDist	0
58	SW2SVB	GLOBAL	Force	Z	RelDist	0
59	AVVLM71	GLOBAL	Force	X	RelDist	0
59	BALLAST	GLOBAL	Force	Gravity	RelDist	0
59	FRENSW2	GLOBAL	Force	X	RelDist	0
59	LM71C	GLOBAL	Force	Gravity	RelDist	0
59	LM71DX	GLOBAL	Force	Gravity	RelDist	0
59	LM71SISO	GLOBAL	Force	X	RelDist	0
59	LM71SVA	GLOBAL	Force	Z	RelDist	0
59	LM71SVB	GLOBAL	Force	Z	RelDist	0
59	LM71SX	GLOBAL	Force	Gravity	RelDist	0
59	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
59	SISMAO	GLOBAL	Force	X	RelDist	0
59	SISMAVA	GLOBAL	Force	Z	RelDist	0
59	SISMAVB	GLOBAL	Force	Z	RelDist	0
59	SW2	GLOBAL	Force	Gravity	RelDist	0
59	SW2SISO	GLOBAL	Force	X	RelDist	0
59	SW2SVA	GLOBAL	Force	Z	RelDist	0
59	SW2SVB	GLOBAL	Force	Z	RelDist	0
60	AVVLM71	GLOBAL	Force	X	RelDist	0
60	BALLAST	GLOBAL	Force	Gravity	RelDist	0
60	FRENSW2	GLOBAL	Force	X	RelDist	0
60	LM71C	GLOBAL	Force	Gravity	RelDist	0
60	LM71DX	GLOBAL	Force	Gravity	RelDist	0
60	LM71SISO	GLOBAL	Force	X	RelDist	0
60	LM71SVA	GLOBAL	Force	Z	RelDist	0
60	LM71SVB	GLOBAL	Force	Z	RelDist	0
60	LM71SX	GLOBAL	Force	Gravity	RelDist	0
60	REINTSUP	GLOBAL	Force	Gravity	RelDist	0
60	SISMAO	GLOBAL	Force	X	RelDist	0
60	SISMAVA	GLOBAL	Force	Z	RelDist	0
60	SISMAVB	GLOBAL	Force	Z	RelDist	0
60	SW2	GLOBAL	Force	Gravity	RelDist	0
60	SW2SISO	GLOBAL	Force	X	RelDist	0
60	SW2SVA	GLOBAL	Force	Z	RelDist	0
60	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
36	INCRTER	1	0	0,25	67,23	67,23
36	SISMAO	1	0	0,25	6,23	6,23
36	SISMAVA	1	0	0,25	3,49	3,49
36	SISMAVB	1	0	0,25	-3,49	-3,49
36	STERRASX	1	0	0,25	93,98	91,85
36	STLM71	1	0	0,25	10,57	10,57

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
36	STSW2	1	0	0,25	18,02	18,02
37	SISMAO	1	0	0,25	6,23	6,23
37	SISMAVA	1	0	0,25	3,49	3,49
37	SISMAVB	1	0	0,25	-3,49	-3,49
37	STERRADX	1	0	0,25	-93,98	-91,85
38	INCRTER	1	0	0,25	67,23	67,23
38	SISMAO	1	0	0,25	6,23	6,23
38	SISMAVA	1	0	0,25	3,49	3,49
38	SISMAVB	1	0	0,25	-3,49	-3,49
38	STERRASX	1	0	0,25	91,85	89,72
38	STLM71	1	0	0,25	10,57	10,57
38	STSW2	1	0	0,25	18,02	18,02
39	SISMAO	1	0	0,25	6,23	6,23
39	SISMAVA	1	0	0,25	3,49	3,49
39	SISMAVB	1	0	0,25	-3,49	-3,49
39	STERRADX	1	0	0,25	-91,85	-89,72
40	INCRTER	1	0	2,2	67,23	67,23
40	SISMAO	1	0	2,2	6,23	6,23
40	SISMAVA	1	0	2,2	3,49	3,49
40	SISMAVB	1	0	2,2	-3,49	-3,49
40	STERRASX	1	0	2,2	89,72	70,95
40	STLM71	1	0	2,2	10,57	10,57
40	STSW2	1	0	2,2	18,02	18,02
41	SISMAO	1	0	2,2	6,23	6,23
41	SISMAVA	1	0	2,2	3,49	3,49
41	SISMAVB	1	0	2,2	-3,49	-3,49
41	STERRADX	1	0	2,2	-89,72	-70,95
42	INCRTER	1	0	2,2	67,23	67,23
42	SISMAO	1	0	2,2	6,23	6,23
42	SISMAVA	1	0	2,2	3,49	3,49
42	SISMAVB	1	0	2,2	-3,49	-3,49
42	STERRASX	1	0	2,2	70,95	52,19
42	STLM71	1	0	2,2	10,57	10,57
42	STSW2	1	0	2,2	18,02	18,02
43	SISMAO	1	0	2,2	6,23	6,23
43	SISMAVA	1	0	2,2	3,49	3,49
43	SISMAVB	1	0	2,2	-3,49	-3,49
43	STERRADX	1	0	2,2	-70,95	-52,19
44	INCRTER	1	0	2,2	67,23	67,23
44	SISMAO	1	0	2,2	6,23	6,23
44	SISMAVA	1	0	2,2	3,49	3,49
44	SISMAVB	1	0	2,2	-3,49	-3,49
44	STERRASX	1	0	2,2	52,19	33,43
44	STLM71	1	0	2,2	10,57	10,57
44	STSW2	1	0	2,2	18,02	18,02
45	SISMAO	1	0	2,2	6,23	6,23
45	SISMAVA	1	0	2,2	3,49	3,49
45	SISMAVB	1	0	2,2	-3,49	-3,49
45	STERRADX	1	0	2,2	-52,19	-33,43
46	INCRTER	1	0	2,2	67,23	67,23
46	SISMAO	1	0	2,2	6,23	6,23
46	SISMAVA	1	0	2,2	3,49	3,49
46	SISMAVB	1	0	2,2	-3,49	-3,49
46	STERRASX	1	0	2,2	33,43	14,67
46	STLM71	1	0	2,2	10,57	10,57
46	STSW2	1	0	2,2	18,02	18,02
47	SISMAO	1	0	2,2	6,23	6,23
47	SISMAVA	1	0	2,2	3,49	3,49
47	SISMAVB	1	0	2,2	-3,49	-3,49
47	STERRADX	1	0	2,2	-33,43	-14,67
48	INCRTER	1	0	0,225	67,23	67,23
48	SISMAO	1	0	0,225	6,23	6,23
48	SISMAVA	1	0	0,225	3,49	3,49
48	SISMAVB	1	0	0,225	-3,49	-3,49
48	STERRASX	1	0	0,225	14,67	12,75
48	STLM71	1	0	0,225	10,57	10,57
48	STSW2	1	0	0,225	18,02	18,02
49	SISMAO	1	0	0,225	6,23	6,23
49	SISMAVA	1	0	0,225	3,49	3,49
49	SISMAVB	1	0	0,225	-3,49	-3,49
49	STERRADX	1	0	0,225	-14,67	-12,75
50	INCRTER	1	0	0,225	67,23	67,23

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
50	SISMAO	1	0	0,225	6,23	6,23
50	SISMAVA	1	0	0,225	3,49	3,49
50	SISMAVB	1	0	0,225	-3,49	-3,49
50	STERRASX	1	0	0,225	12,75	10,83
50	STLM71	1	0	0,225	10,57	10,57
50	STSW2	1	0	0,225	18,02	18,02
51	SISMAO	1	0	0,225	6,23	6,23
51	SISMAVA	1	0	0,225	3,49	3,49
51	SISMAVB	1	0	0,225	-3,49	-3,49
51	STERRADX	1	0	0,225	-12,75	-10,83
52	AVVLM71	1	0	0,225	10,24	10,24
52	BALLAST	1	0	0,225	14,4	14,4
52	FRENSW2	1	0	0,225	10,86	10,86
52	LM71C	1	0	0,225	30,85	30,85
52	LM71DX	1	0	0,225	30,85	30,85
52	LM71SISO	1	0	0,225	3,79	3,79
52	LM71SVA	1	0	0,225	1,93	1,93
52	LM71SVB	1	0	0,225	-1,93	-1,93
52	LM71SX	1	0	0,225	62,2	62,2
52	REINTSUP	1	0	0,225	2,4	2,4
52	SISMAO	1	0	0,225	10,89	10,89
52	SISMAVA	1	0	0,225	6,09	6,09
52	SISMAVB	1	0	0,225	-6,09	-6,09
52	SW2	1	0	0,225	52,59	52,59
52	SW2SISO	1	0	0,225	3,21	3,21
52	SW2SVA	1	0	0,225	1,63	1,63
52	SW2SVB	1	0	0,225	-1,63	-1,63
53	AVVLM71	1	0	0,225	10,24	10,24
53	BALLAST	1	0	0,225	14,4	14,4
53	FRENSW2	1	0	0,225	10,86	10,86
53	LM71C	1	0	0,225	30,85	30,85
53	LM71DX	1	0	0,225	30,85	30,85
53	LM71SISO	1	0	0,225	3,79	3,79
53	LM71SVA	1	0	0,225	1,93	1,93
53	LM71SVB	1	0	0,225	-1,93	-1,93
53	LM71SX	1	0	0,225	62,2	62,2
53	REINTSUP	1	0	0,225	2,4	2,4
53	SISMAO	1	0	0,225	10,89	10,89
53	SISMAVA	1	0	0,225	6,09	6,09
53	SISMAVB	1	0	0,225	-6,09	-6,09
53	SW2	1	0	0,225	52,59	52,59
53	SW2SISO	1	0	0,225	3,21	3,21
53	SW2SVA	1	0	0,225	1,63	1,63
53	SW2SVB	1	0	0,225	-1,63	-1,63
54	AVVLM71	1	0	0,8	10,24	10,24
54	BALLAST	1	0	0,8	14,4	14,4
54	FRENSW2	1	0	0,8	10,86	10,86
54	LM71C	1	0	0,8	30,85	30,85
54	LM71DX	1	0	0,8	30,85	30,85
54	LM71SISO	1	0	0,8	3,79	3,79
54	LM71SVA	1	0	0,8	1,93	1,93
54	LM71SVB	1	0	0,8	-1,93	-1,93
54	LM71SX	1	0	0,8	62,2	62,2
54	REINTSUP	1	0	0,8	2,4	2,4
54	SISMAO	1	0	0,8	10,89	10,89
54	SISMAVA	1	0	0,8	6,09	6,09
54	SISMAVB	1	0	0,8	-6,09	-6,09
54	SW2	1	0	0,8	52,59	52,59
54	SW2SISO	1	0	0,8	3,21	3,21
54	SW2SVA	1	0	0,8	1,63	1,63
54	SW2SVB	1	0	0,8	-1,63	-1,63
55	AVVLM71	1	0	1,25	10,24	10,24
55	BALLAST	1	0	1,25	14,4	14,4
55	FRENSW2	1	0	1,25	10,86	10,86
55	LM71C	1	0	1,25	62,2	62,2
55	LM71DX	1	0	1,25	30,85	30,85
55	LM71SISO	1	0	1,25	3,79	3,79
55	LM71SVA	1	0	1,25	1,93	1,93
55	LM71SVB	1	0	1,25	-1,93	-1,93
55	LM71SX	1	0	1,25	62,2	62,2
55	REINTSUP	1	0	1,25	2,4	2,4
55	SISMAO	1	0	1,25	10,89	10,89

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
55	SISMAVA	1	0	1,25	6,09	6,09
55	SISMAVB	1	0	1,25	-6,09	-6,09
55	SW2	1	0	1,25	52,59	52,59
55	SW2SISO	1	0	1,25	3,21	3,21
55	SW2SVA	1	0	1,25	1,63	1,63
55	SW2SVB	1	0	1,25	-1,63	-1,63
56	AVVLM71	1	0	3,9	10,24	10,24
56	BALLAST	1	0	3,9	14,4	14,4
56	FRENSW2	1	0	3,9	10,86	10,86
56	LM71C	1	0	3,9	62,2	62,2
56	LM71DX	1	0	3,9	62,2	62,2
56	LM71SISO	1	0	3,9	3,79	3,79
56	LM71SVA	1	0	3,9	1,93	1,93
56	LM71SVB	1	0	3,9	-1,93	-1,93
56	LM71SX	1	0	3,9	62,2	62,2
56	REINTSUP	1	0	3,9	2,4	2,4
56	SISMAO	1	0	3,9	10,89	10,89
56	SISMAVA	1	0	3,9	6,09	6,09
56	SISMAVB	1	0	3,9	-6,09	-6,09
56	SW2	1	0	3,9	52,59	52,59
56	SW2SISO	1	0	3,9	3,21	3,21
56	SW2SVA	1	0	3,9	1,63	1,63
56	SW2SVB	1	0	3,9	-1,63	-1,63
57	AVVLM71	1	0	1,25	10,24	10,24
57	BALLAST	1	0	1,25	14,4	14,4
57	FRENSW2	1	0	1,25	10,86	10,86
57	LM71C	1	0	1,25	62,2	62,2
57	LM71DX	1	0	1,25	62,2	62,2
57	LM71SISO	1	0	1,25	3,79	3,79
57	LM71SVA	1	0	1,25	1,93	1,93
57	LM71SVB	1	0	1,25	-1,93	-1,93
57	LM71SX	1	0	1,25	30,85	30,85
57	REINTSUP	1	0	1,25	2,4	2,4
57	SISMAO	1	0	1,25	10,89	10,89
57	SISMAVA	1	0	1,25	6,09	6,09
57	SISMAVB	1	0	1,25	-6,09	-6,09
57	SW2	1	0	1,25	52,59	52,59
57	SW2SISO	1	0	1,25	3,21	3,21
57	SW2SVA	1	0	1,25	1,63	1,63
57	SW2SVB	1	0	1,25	-1,63	-1,63
58	AVVLM71	1	0	0,8	10,24	10,24
58	BALLAST	1	0	0,8	14,4	14,4
58	FRENSW2	1	0	0,8	10,86	10,86
58	LM71C	1	0	0,8	30,85	30,85
58	LM71DX	1	0	0,8	62,2	62,2
58	LM71SISO	1	0	0,8	3,79	3,79
58	LM71SVA	1	0	0,8	1,93	1,93
58	LM71SVB	1	0	0,8	-1,93	-1,93
58	LM71SX	1	0	0,8	30,85	30,85
58	REINTSUP	1	0	0,8	2,4	2,4
58	SISMAO	1	0	0,8	10,89	10,89
58	SISMAVA	1	0	0,8	6,09	6,09
58	SISMAVB	1	0	0,8	-6,09	-6,09
58	SW2	1	0	0,8	52,59	52,59
58	SW2SISO	1	0	0,8	3,21	3,21
58	SW2SVA	1	0	0,8	1,63	1,63
58	SW2SVB	1	0	0,8	-1,63	-1,63
59	AVVLM71	1	0	0,225	10,24	10,24
59	BALLAST	1	0	0,225	14,4	14,4
59	FRENSW2	1	0	0,225	10,86	10,86
59	LM71C	1	0	0,225	30,85	30,85
59	LM71DX	1	0	0,225	62,2	62,2
59	LM71SISO	1	0	0,225	3,79	3,79
59	LM71SVA	1	0	0,225	1,93	1,93
59	LM71SVB	1	0	0,225	-1,93	-1,93
59	LM71SX	1	0	0,225	30,85	30,85
59	REINTSUP	1	0	0,225	2,4	2,4
59	SISMAO	1	0	0,225	10,89	10,89
59	SISMAVA	1	0	0,225	6,09	6,09
59	SISMAVB	1	0	0,225	-6,09	-6,09
59	SW2	1	0	0,225	52,59	52,59
59	SW2SISO	1	0	0,225	3,21	3,21

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RelDistB	AbsDistA	AbsDistB	FOverLA	FOverLB
			m	m	KN/m	KN/m
59	SW2SVA	1	0	0,225	1,63	1,63
59	SW2SVB	1	0	0,225	-1,63	-1,63
60	AVVLM71	1	0	0,225	10,24	10,24
60	BALLAST	1	0	0,225	14,4	14,4
60	FRENSW2	1	0	0,225	10,86	10,86
60	LM71C	1	0	0,225	30,85	30,85
60	LM71DX	1	0	0,225	62,2	62,2
60	LM71SISO	1	0	0,225	3,79	3,79
60	LM71SVA	1	0	0,225	1,93	1,93
60	LM71SVB	1	0	0,225	-1,93	-1,93
60	LM71SX	1	0	0,225	30,85	30,85
60	REINTSUP	1	0	0,225	2,4	2,4
60	SISMAO	1	0	0,225	10,89	10,89
60	SISMAVA	1	0	0,225	6,09	6,09
60	SISMAVB	1	0	0,225	-6,09	-6,09
60	SW2	1	0	0,225	52,59	52,59
60	SW2SISO	1	0	0,225	3,21	3,21
60	SW2SVA	1	0	0,225	1,63	1,63
60	SW2SVB	1	0	0,225	-1,63	-1,63

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
36	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
36	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
36	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
36	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
36	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
36	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
36	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
37	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
37	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
37	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
37	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
38	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
38	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
38	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
38	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
38	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
38	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
38	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
39	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
39	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
39	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
39	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
40	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
40	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
40	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
40	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
40	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
40	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
40	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
41	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
41	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
41	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
41	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
42	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
42	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
42	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
42	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
42	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
42	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
42	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
43	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
43	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
43	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
43	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
44	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
44	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
44	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
44	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
44	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
44	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
44	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
45	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
45	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
45	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
45	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
46	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
46	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
46	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
46	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
46	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
46	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
46	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
47	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
47	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
47	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
47	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
48	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
48	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
48	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
48	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
48	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
48	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
48	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
49	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
49	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
49	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
49	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
50	INCRTER	f171753e-f9c7-4790-981a-ecd80fe8ef58
50	SISMAO	449212a9-1c4a-44f2-a6ad-7279056f8022
50	SISMAVA	dbfa72d7-397f-4d3f-9c26-5d3727405179
50	SISMAVB	cc620eb2-dfd8-4212-831f-8d012b4dd61f
50	STERRASX	50b176bb-415f-4104-bb23-186bf61f19fd
50	STLM71	86fae405-9fc8-4449-b790-6f970c13ab28
50	STSW2	98d43774-b939-4c98-93ca-552bcaaad735
51	SISMAO	b738eef4-2940-428c-b4df-934f9257f584
51	SISMAVA	03ae990d-42d9-4c80-9c71-5099c1dbc2b2
51	SISMAVB	f7d6ccae-5ba6-47ed-a3cf-9ba3122a03c5
51	STERRADX	cc1938c4-d397-4d36-ac11-1232edd7f347
52	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f
52	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
52	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
52	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
52	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
52	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349
52	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
52	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
52	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
52	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
52	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
52	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b
52	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
52	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
52	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
52	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
52	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
53	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
53	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
53	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
53	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
53	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
53	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349
53	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
53	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
53	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
53	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
53	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
53	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b
53	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
53	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
53	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
53	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
53	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
54	AVVLM71	f841da9e-4eee-425c-926c-de92737f894f
54	BALLAST	2272cb01-9cb1-4f1b-ac1c-3df3d2b326e8
54	FRENSW2	1eb3bccc-e2cf-444b-8070-42d93a1c3012
54	LM71C	65d77d55-d9dd-4b5a-9846-55ef5b277f1e
54	LM71DX	a32cd836-28ee-4a77-ac15-26c6d960097e
54	LM71SISO	bdaa2d47-6883-4f5e-bece-a0c221943349
54	LM71SVA	b9e7bce3-2da4-464a-8609-098b04059a58
54	LM71SVB	0d4f0f23-3f75-46fe-b855-14da34f61ca8
54	LM71SX	01d942f0-8eec-4723-a0d0-db8c83385768
54	REINTSUP	136da6b0-0c52-43a6-9c8b-a86123d2438f
54	SISMAO	50bdb09e-7b24-4772-a02f-78df804ca234
54	SISMAVA	6b495dab-1c0a-4cab-afcb-f35afd61628b
54	SISMAVB	9fd53cf0-b9eb-4010-9272-610141b4f647
54	SW2	7f2844e0-c3f0-4a61-ba91-86b5f4621beb
54	SW2SISO	c91cf95a-145d-4d10-b4b9-c959a46cea21
54	SW2SVA	8e29b5b3-f448-4869-b65b-a2d63ef23c55
54	SW2SVB	fccaa081-17a9-4cbf-9ece-234252798a8b
55	AVVLM71	8e6b82de-efc7-4c65-ac2f-238f630c6678
55	BALLAST	e338f87b-fcaa-4153-87e6-5e9f718c207f
55	FRENSW2	a93e5894-e912-4344-a373-1d4426e6cfd4
55	LM71C	d613b4cb-31f5-44df-a407-1d230d8b3c53
55	LM71DX	6b62e8b2-82e2-4863-b1dc-09d974c9a711
55	LM71SISO	f6d49473-e67c-4365-b186-bbae2996604e
55	LM71SVA	0cadfcce-cd68-49c5-8b1c-76d414765ef9

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
55	LM71SVB	0519652e-f927-441f-aabc-af82e848ae75
55	LM71SX	38245da4-bc50-4db4-a945-9902a11ad13a
55	REINTSUP	a196eca0-378d-4376-9443-bd8568b39d72
55	SISMAO	cd2a1585-bd56-4f77-b48a-9f08fd27f2ad
55	SISMAVA	735167b8-c4e7-4b15-ad53-48c80938b110
55	SISMAVB	1f13d2db-1c5c-4e2e-88b1-cc424260954c
55	SW2	697437c5-2465-4548-afb7-7284c29a4ca1
55	SW2SISO	987e01c1-9545-4db7-8241-93e4ce5e9763
55	SW2SVA	bcc05497-1553-4e6c-b914-c7cbd794f173
55	SW2SVB	8ad711f0-7295-4e93-8d21-b8aebf2ee5ae
56	AVVLM71	f5734589-18cb-4bcc-9377-ba7289894a33
56	BALLAST	958ce092-fcd8-4cd4-9556-73aa065c8a7f
56	FRENSW2	c64858da-5b51-4c27-8668-695e79761221
56	LM71C	ab00709a-f9df-4b9b-b11e-0019eafa78a3
56	LM71DX	7e4b70da-101b-4a45-8ee5-d72af6828940
56	LM71SISO	c504cbfc-1ef1-4a85-8ed9-2349a53c2a16
56	LM71SVA	9722cc7a-0f2a-4aa7-aaba-3d2e359f7691
56	LM71SVB	b2eec674-34ee-457d-92a3-14fd0ae21c0c
56	LM71SX	5fd4ae53-83a4-4176-af73-9d39d5eb5998
56	REINTSUP	bdff4ebe-68f2-46df-8f60-37c30cfc8bdc
56	SISMAO	47753b2d-6cd2-43c1-8111-207b5f01d045
56	SISMAVA	1c2c2a73-403a-4973-b6fa-7c6ba197810a
56	SISMAVB	2aaade01-f889-4dbb-a08a-74f47a4fa050
56	SW2	c965e98a-297f-4fa3-924e-a502c6fedbe7
56	SW2SISO	de7b0156-3b96-403d-bbf4-955c660d1a3c
56	SW2SVA	2a5f0047-3b83-497f-9b7d-21d0fb6e1a0e
56	SW2SVB	a6120a16-2b98-4f85-9e45-aceedcffa299
57	AVVLM71	1f829974-3f76-4fc1-be8a-b9027f51670e
57	BALLAST	3d5d040d-6e8c-467e-91c5-d5ddf7257067
57	FRENSW2	a69f8a1a-1b0d-419b-99b9-24c4cd82aab1
57	LM71C	2d3c80a3-9fd3-4e60-9866-90fdb931f63a
57	LM71DX	9a3e4a19-d880-4546-aed8-1ed125e3864b
57	LM71SISO	f56be0df-55a6-4769-a716-c1430ffb99ee
57	LM71SVA	f41653aa-e648-465b-8241-df97e76fe4d0
57	LM71SVB	46c210d7-2f5d-4601-be00-b9ff427d8401
57	LM71SX	8aa67a7b-958f-442b-9e92-a92986d5bb67
57	REINTSUP	ce995c60-2d1b-4b29-a169-e49753292c98
57	SISMAO	7f34f84f-7884-4865-998a-a0cce4e80a4a
57	SISMAVA	69ef8b8e-0502-40fd-b882-308cf8b3edee
57	SISMAVB	5fbfb9f5-b83f-4fe9-bf80-d4fafaaa2b51

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
57	SW2	18f78aff-869d-4f09-8895-833bfbd42ea4
57	SW2SISO	298ca254-742c-4325-84f0-d7551f47c5c6
57	SW2SVA	a93af057-b6b9-47ef-9d0c-4be3f1089a98
57	SW2SVB	8e6b131e-fc1d-4b27-a187-cedc2d00e403
58	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
58	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76
58	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
58	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
58	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
58	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
58	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed
58	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
58	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
58	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
58	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
58	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
58	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
58	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
58	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
58	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
58	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925
59	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
59	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76
59	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
59	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
59	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
59	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
59	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed
59	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
59	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
59	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
59	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
59	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
59	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
59	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
59	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
59	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
59	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925
60	AVVLM71	90f75ab0-93da-44df-85bd-867ffd628b14
60	BALLAST	55d49cb7-2b95-411b-9f27-dc0899c27c76

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	GUID
60	FRENSW2	c5c243f6-d70c-4335-9b3a-c5f2e20d6555
60	LM71C	ad34b673-5978-4cbb-983f-05198eb0338b
60	LM71DX	f2d4416e-da27-4fa8-b212-ecbebdc77ca1
60	LM71SISO	161ce4af-1614-4bca-8b34-4c9bb4865a66
60	LM71SVA	c4613e68-428e-4de1-8941-7ac06e6ce8ed
60	LM71SVB	557bd691-f416-4fee-87c6-dce58a7a0899
60	LM71SX	ceb00b59-dd7e-40cf-8fe3-611a02d08506
60	REINTSUP	07954c15-74a4-40b6-99ec-8550a040578d
60	SISMAO	124ccb49-32fd-4395-bc07-0776eb0e85c7
60	SISMAVA	25545ef5-7579-445f-a59e-24bd710ffee0
60	SISMAVB	95f2a81c-9d14-463c-872f-9e35dcb9a33c
60	SW2	072ec32c-6318-434f-af3b-f3084bb28dd7
60	SW2SISO	6b3937cf-6334-4a87-930c-e7dddb839b79
60	SW2SVA	25473abf-bc41-47b4-8b32-a120d59ffdd3
60	SW2SVB	002f5dad-5711-4dd1-b3cf-8a3b17f1a925

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

Frame	LoadPat	Type	Temp	TempGrad2	JtPattern
			C	C/m	
52	TERMP	Temperature	5		None
52	TERMN	Temperature	-15		None
52	GRADTP	Gradient2		5,56	None
52	GRADTN	Gradient2		-5,56	None
53	TERMP	Temperature	5		None
53	TERMN	Temperature	-15		None
53	GRADTP	Gradient2		5,56	None
53	GRADTN	Gradient2		-5,56	None
54	TERMP	Temperature	5		None
54	TERMN	Temperature	-15		None
54	GRADTP	Gradient2		5,56	None
54	GRADTN	Gradient2		-5,56	None
55	TERMP	Temperature	5		None
55	TERMN	Temperature	-15		None
55	GRADTP	Gradient2		5,56	None
55	GRADTN	Gradient2		-5,56	None
56	TERMP	Temperature	5		None
56	TERMN	Temperature	-15		None
56	GRADTP	Gradient2		5,56	None
56	GRADTN	Gradient2		-5,56	None
57	TERMP	Temperature	5		None
57	TERMN	Temperature	-15		None
57	GRADTP	Gradient2		5,56	None
57	GRADTN	Gradient2		-5,56	None
58	TERMP	Temperature	5		None
58	TERMN	Temperature	-15		None
58	GRADTP	Gradient2		5,56	None
58	GRADTN	Gradient2		-5,56	None
59	TERMP	Temperature	5		None
59	TERMN	Temperature	-15		None
59	GRADTP	Gradient2		5,56	None
59	GRADTN	Gradient2		-5,56	None
60	TERMP	Temperature	5		None
60	TERMN	Temperature	-15		None
60	GRADTP	Gradient2		5,56	None
60	GRADTN	Gradient2		-5,56	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
24	Rectangular	N.A.	fondazione	fondazione	Default
25	Rectangular	N.A.	fondazione	fondazione	Default
26	Rectangular	N.A.	fondazione	fondazione	Default
27	Rectangular	N.A.	fondazione	fondazione	Default
28	Rectangular	N.A.	fondazione	fondazione	Default
29	Rectangular	N.A.	fondazione	fondazione	Default
30	Rectangular	N.A.	fondazione	fondazione	Default
31	Rectangular	N.A.	fondazione	fondazione	Default
32	Rectangular	N.A.	fondazione	fondazione	Default
33	Rectangular	N.A.	fondazione	fondazione	Default
34	Rectangular	N.A.	fondazione	fondazione	Default
35	Rectangular	N.A.	fondazione	fondazione	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.	piedritto	piedritto	Default
42	Rectangular	N.A.	piedritto	piedritto	Default
43	Rectangular	N.A.	piedritto	piedritto	Default
44	Rectangular	N.A.	piedritto	piedritto	Default
45	Rectangular	N.A.	piedritto	piedritto	Default
46	Rectangular	N.A.	piedritto	piedritto	Default
47	Rectangular	N.A.	piedritto	piedritto	Default
48	Rectangular	N.A.	piedritto	piedritto	Default
49	Rectangular	N.A.	piedritto	piedritto	Default
50	Rectangular	N.A.	piedritto	piedritto	Default
51	Rectangular	N.A.	piedritto	piedritto	Default
52	Rectangular	N.A.	soletta superiore	soletta superiore	Default
53	Rectangular	N.A.	soletta superiore	soletta superiore	Default
54	Rectangular	N.A.	soletta superiore	soletta superiore	Default
55	Rectangular	N.A.	soletta superiore	soletta superiore	Default
56	Rectangular	N.A.	soletta superiore	soletta superiore	Default
57	Rectangular	N.A.	soletta superiore	soletta superiore	Default
58	Rectangular	N.A.	soletta superiore	soletta superiore	Default
59	Rectangular	N.A.	soletta superiore	soletta superiore	Default
60	Rectangular	N.A.	soletta superiore	soletta superiore	Default

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	0,225	0	0	Yes	0,225
3	GLOBAL	Cartesian	0,45	0	0	Yes	0,45
4	GLOBAL	Cartesian	0,70806	0	0	No	0,70806
5	GLOBAL	Cartesian	0,96613	0	0	No	0,96613

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
6	GLOBAL	Cartesian	1,22419	0	0	No	1,22419
7	GLOBAL	Cartesian	1,48226	0	0	No	1,48226
8	GLOBAL	Cartesian	1,74032	0	0	No	1,74032
9	GLOBAL	Cartesian	1,99839	0	0	No	1,99839
10	GLOBAL	Cartesian	2,25645	0	0	No	2,25645
11	GLOBAL	Cartesian	2,51452	0	0	No	2,51452
12	GLOBAL	Cartesian	2,77258	0	0	No	2,77258
13	GLOBAL	Cartesian	3,03065	0	0	No	3,03065
14	GLOBAL	Cartesian	3,28871	0	0	No	3,28871
15	GLOBAL	Cartesian	3,54677	0	0	No	3,54677
16	GLOBAL	Cartesian	3,80484	0	0	No	3,80484
17	GLOBAL	Cartesian	4,0629	0	0	No	4,0629
18	GLOBAL	Cartesian	4,32097	0	0	No	4,32097
19	GLOBAL	Cartesian	4,57903	0	0	No	4,57903
20	GLOBAL	Cartesian	4,8371	0	0	No	4,8371
21	GLOBAL	Cartesian	5,09516	0	0	No	5,09516
22	GLOBAL	Cartesian	5,35323	0	0	No	5,35323
23	GLOBAL	Cartesian	5,61129	0	0	No	5,61129
24	GLOBAL	Cartesian	5,86935	0	0	No	5,86935
25	GLOBAL	Cartesian	6,12742	0	0	No	6,12742
26	GLOBAL	Cartesian	6,38548	0	0	No	6,38548
27	GLOBAL	Cartesian	6,64355	0	0	No	6,64355
28	GLOBAL	Cartesian	6,90161	0	0	No	6,90161
29	GLOBAL	Cartesian	7,15968	0	0	No	7,15968
30	GLOBAL	Cartesian	7,41774	0	0	No	7,41774
31	GLOBAL	Cartesian	7,67581	0	0	No	7,67581
32	GLOBAL	Cartesian	7,93387	0	0	No	7,93387
33	GLOBAL	Cartesian	8,19194	0	0	No	8,19194
34	GLOBAL	Cartesian	8,45	0	0	Yes	8,45
35	GLOBAL	Cartesian	8,675	0	0	Yes	8,675
36	GLOBAL	Cartesian	8,9	0	0	Yes	8,9
37	GLOBAL	Cartesian	0	0	0,25	Yes	0
38	GLOBAL	Cartesian	8,9	0	0,25	Yes	8,9
39	GLOBAL	Cartesian	0	0	0,5	Yes	0
40	GLOBAL	Cartesian	8,9	0	0,5	Yes	8,9
41	GLOBAL	Cartesian	0	0	2,7	No	0
42	GLOBAL	Cartesian	8,9	0	2,7	No	8,9
43	GLOBAL	Cartesian	0	0	4,9	No	0
44	GLOBAL	Cartesian	8,9	0	4,9	No	8,9
45	GLOBAL	Cartesian	0	0	7,1	No	0
46	GLOBAL	Cartesian	8,9	0	7,1	No	8,9
47	GLOBAL	Cartesian	0	0	9,3	Yes	0
48	GLOBAL	Cartesian	8,9	0	9,3	Yes	8,9
49	GLOBAL	Cartesian	0	0	9,525	Yes	0
50	GLOBAL	Cartesian	8,9	0	9,525	Yes	8,9
51	GLOBAL	Cartesian	0	0	9,75	Yes	0
52	GLOBAL	Cartesian	0,225	0	9,75	Yes	0,225
53	GLOBAL	Cartesian	0,45	0	9,75	Yes	0,45
54	GLOBAL	Cartesian	1,25	0	9,75	Yes	1,25
55	GLOBAL	Cartesian	2,5	0	9,75	Yes	2,5
56	GLOBAL	Cartesian	6,4	0	9,75	Yes	6,4
57	GLOBAL	Cartesian	7,65	0	9,75	Yes	7,65
58	GLOBAL	Cartesian	8,45	0	9,75	Yes	8,45
59	GLOBAL	Cartesian	8,675	0	9,75	Yes	8,675
60	GLOBAL	Cartesian	8,9	0	9,75	Yes	8,9

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
2	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
3	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
4	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
5	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
6	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
7	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
8	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
9	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
10	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
11	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
12	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
13	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
14	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
15	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
16	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
17	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
18	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
19	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
20	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
21	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
22	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
23	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
24	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
25	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
26	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
27	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
28	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
29	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
30	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
31	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
32	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
33	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
34	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
35	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
36	0	0	c0c8454a-0a23-4f03-9a7e-42fcf392899f
37	0	0,25	c0c8454a-0a23-4f03-9a7e-42fcf392899f
38	0	0,25	c0c8454a-0a23-4f03-9a7e-42fcf392899f
39	0	0,5	c0c8454a-0a23-4f03-9a7e-42fcf392899f
40	0	0,5	c0c8454a-0a23-4f03-9a7e-42fcf392899f
41	0	2,7	c0c8454a-0a23-4f03-9a7e-42fcf392899f
42	0	2,7	c0c8454a-0a23-4f03-9a7e-42fcf392899f
43	0	4,9	c0c8454a-0a23-4f03-9a7e-42fcf392899f
44	0	4,9	c0c8454a-0a23-4f03-9a7e-42fcf392899f
45	0	7,1	c0c8454a-0a23-4f03-9a7e-42fcf392899f
46	0	7,1	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
47	0	9,3	c0c8454a-0a23-4f03-9a7e-42fcf392899f
48	0	9,3	c0c8454a-0a23-4f03-9a7e-42fcf392899f
49	0	9,525	c0c8454a-0a23-4f03-9a7e-42fcf392899f
50	0	9,525	c0c8454a-0a23-4f03-9a7e-42fcf392899f
51	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
52	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
53	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
54	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
55	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
56	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
57	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
58	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
59	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f
60	0	9,75	c0c8454a-0a23-4f03-9a7e-42fcf392899f

Table: Joint Displacements

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
1	PP	LinStatic	2,508E-06	0	-0,020195	0	-0,000391	0
1	REINTSUP	LinStatic	-2,879E-08	0	-0,000512	0	-1,6E-05	0
1	BALLAST	LinStatic	-1,727E-07	0	-0,003072	0	-9,4E-05	0
1	STERRASX	LinStatic	0,114854	0	0,02847	0	0,006987	0
1	STERRADX	LinStatic	-0,11481	0	-0,027815	0	-0,006542	0
1	TERMP	LinStatic	-2,32E-07	0	-2,1E-05	0	-1,4E-05	0
1	TERMN	LinStatic	6,961E-07	0	6,3E-05	0	4,3E-05	0
1	GRADTP	LinStatic	1,167E-06	0	3,9E-05	0	2,7E-05	0
1	GRADTN	LinStatic	-1,167E-06	0	-3,9E-05	0	-2,7E-05	0
1	LM71C	LinStatic	-1,013E-06	0	-0,011401	0	-0,000357	0
1	LM71SX	LinStatic	-8,302E-07	0	-0,015205	0	-0,001219	0
1	LM71DX	LinStatic	-8,302E-07	0	-0,007585	0	0,000514	0
1	STLM71	LinStatic	0,023165	0	0,007773	0	0,001889	0
1	AVVLM71	LinStatic	0,020482	0	0,013612	0	0,003229	0
1	SW2	LinStatic	-6,308E-07	0	-0,011217	0	-0,000343	0
1	STSW2	LinStatic	0,039492	0	0,013251	0	0,00322	0
1	FRENSW2	LinStatic	0,021722	0	0,014436	0	0,003424	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	0,147339	0	0,049439	0	0,012013	0
1	LM71SISO	LinStatic	0,007581	0	0,005038	0	0,001195	0
1	SW2SISO	LinStatic	0,006421	0	0,004267	0	0,001012	0
1	SISMAO	LinStatic	0,049085	0	0,023566	0	0,005611	0
1	LM71SVA	LinStatic	2,315E-08	0	0,000412	0	1,3E-05	0
1	SW2SVA	LinStatic	1,955E-08	0	0,000348	0	1,1E-05	0
1	SISMAVA	LinStatic	-3,582E-07	0	0,002912	0	7,8E-05	0
1	LM71SVB	LinStatic	-2,315E-08	0	-0,000412	0	-1,3E-05	0
1	SW2SVB	LinStatic	-1,955E-08	0	-0,000348	0	-1,1E-05	0
1	SISMAVB	LinStatic	3,582E-07	0	-0,002912	0	-7,8E-05	0
2	PP	LinStatic	2,382E-06	0	-0,020099	0	-0,000406	0
2	REINTSUP	LinStatic	-2,733E-08	0	-0,000508	0	-1,6E-05	0
2	BALLAST	LinStatic	-1,64E-07	0	-0,003049	0	-9,6E-05	0
2	STERRASX	LinStatic	0,114851	0	0,026904	0	0,006925	0
2	STERRADX	LinStatic	-0,114809	0	-0,026347	0	-0,006503	0
2	TERMP	LinStatic	-2,203E-07	0	-1,8E-05	0	-1,4E-05	0
2	TERMN	LinStatic	6,609E-07	0	5,4E-05	0	4,1E-05	0
2	GRADTP	LinStatic	1,108E-06	0	3,3E-05	0	2,5E-05	0
2	GRADTN	LinStatic	-1,108E-06	0	-3,3E-05	0	-2,5E-05	0
2	LM71C	LinStatic	-9,615E-07	0	-0,011316	0	-0,000365	0
2	LM71SX	LinStatic	-7,882E-07	0	-0,014925	0	-0,001228	0
2	LM71DX	LinStatic	-7,882E-07	0	-0,007696	0	0,000506	0
2	STLM71	LinStatic	0,023164	0	0,007349	0	0,001874	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
2	AVVLM71	LinStatic	0,020482	0	0,012886	0	0,00321	0
2	SW2	LinStatic	-5,989E-07	0	-0,011135	0	-0,000351	0
2	STSW2	LinStatic	0,039491	0	0,012529	0	0,003194	0
2	FRENSW2	LinStatic	0,021722	0	0,013667	0	0,003405	0
2	SERP	LinStatic	0	0	0	0	0	0
2	INCRTER	LinStatic	0,147335	0	0,046745	0	0,011917	0
2	LM71SISO	LinStatic	0,007581	0	0,004769	0	0,001188	0
2	SW2SISO	LinStatic	0,006421	0	0,00404	0	0,001006	0
2	SISMAO	LinStatic	0,049084	0	0,022306	0	0,005576	0
2	LM71SVA	LinStatic	2,198E-08	0	0,000409	0	1,3E-05	0
2	SW2SVA	LinStatic	1,856E-08	0	0,000345	0	1,1E-05	0
2	SISMAVA	LinStatic	-3,401E-07	0	0,002893	0	8E-05	0
2	LM71SVB	LinStatic	-2,198E-08	0	-0,000409	0	-1,3E-05	0
2	SW2SVB	LinStatic	-1,856E-08	0	-0,000345	0	-1,1E-05	0
2	SISMAVB	LinStatic	3,401E-07	0	-0,002893	0	-8E-05	0
3	PP	LinStatic	2,255E-06	0	-0,020001	0	-0,000416	0
3	REINTSUP	LinStatic	-2,588E-08	0	-0,000504	0	-1,6E-05	0
3	BALLAST	LinStatic	-1,553E-07	0	-0,003026	0	-9,7E-05	0
3	STERRASX	LinStatic	0,114848	0	0,025353	0	0,006862	0
3	STERRADX	LinStatic	-0,114809	0	-0,024887	0	-0,006463	0
3	TERMP	LinStatic	-2,086E-07	0	-1,5E-05	0	-1,3E-05	0
3	TERMN	LinStatic	6,257E-07	0	4,5E-05	0	3,9E-05	0
3	GRADTP	LinStatic	1,049E-06	0	2,8E-05	0	2,4E-05	0
3	GRADTN	LinStatic	-1,049E-06	0	-2,8E-05	0	-2,4E-05	0
3	LM71C	LinStatic	-9,103E-07	0	-0,011229	0	-0,000369	0
3	LM71SX	LinStatic	-7,463E-07	0	-0,014643	0	-0,001232	0
3	LM71DX	LinStatic	-7,463E-07	0	-0,007806	0	0,000502	0
3	STLM71	LinStatic	0,023164	0	0,006929	0	0,001858	0
3	AVVLM71	LinStatic	0,020481	0	0,012166	0	0,003191	0
3	SW2	LinStatic	-5,67E-07	0	-0,011051	0	-0,000356	0
3	STSW2	LinStatic	0,03949	0	0,011813	0	0,003168	0
3	FRENSW2	LinStatic	0,021722	0	0,012902	0	0,003384	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	0,147332	0	0,044073	0	0,011819	0
3	LM71SISO	LinStatic	0,007581	0	0,004503	0	0,001181	0
3	SW2SISO	LinStatic	0,00642	0	0,003814	0	0,001	0
3	SISMAO	LinStatic	0,049083	0	0,021055	0	0,00554	0
3	LM71SVA	LinStatic	2,081E-08	0	0,000406	0	1,3E-05	0
3	SW2SVA	LinStatic	1,757E-08	0	0,000343	0	1,1E-05	0
3	SISMAVA	LinStatic	-3,22E-07	0	0,002874	0	8,2E-05	0
3	LM71SVB	LinStatic	-2,081E-08	0	-0,000406	0	-1,3E-05	0
3	SW2SVB	LinStatic	-1,757E-08	0	-0,000343	0	-1,1E-05	0
3	SISMAVB	LinStatic	3,22E-07	0	-0,002874	0	-8,2E-05	0
4	PP	LinStatic	2,109E-06	0	-0,019886	0	-0,000421	0
4	REINTSUP	LinStatic	-2,421E-08	0	-0,0005	0	-1,6E-05	0
4	BALLAST	LinStatic	-1,452E-07	0	-0,003	0	-9,7E-05	0
4	STERRASX	LinStatic	0,114845	0	0,023592	0	0,00679	0
4	STERRADX	LinStatic	-0,114808	0	-0,023226	0	-0,006417	0
4	TERMP	LinStatic	-1,951E-07	0	-1,2E-05	0	-1,2E-05	0
4	TERMN	LinStatic	5,853E-07	0	3,5E-05	0	3,6E-05	0
4	GRADTP	LinStatic	9,813E-07	0	2,2E-05	0	2,2E-05	0
4	GRADTN	LinStatic	-9,813E-07	0	-2,2E-05	0	-2,2E-05	0
4	LM71C	LinStatic	-8,515E-07	0	-0,011129	0	-0,000368	0
4	LM71SX	LinStatic	-6,981E-07	0	-0,014321	0	-0,001231	0
4	LM71DX	LinStatic	-6,981E-07	0	-0,007931	0	0,000501	0
4	STLM71	LinStatic	0,023163	0	0,006452	0	0,001841	0
4	AVVLM71	LinStatic	0,020481	0	0,011345	0	0,003169	0
4	SW2	LinStatic	-5,304E-07	0	-0,010955	0	-0,000356	0
4	STSW2	LinStatic	0,039489	0	0,011	0	0,003138	0
4	FRENSW2	LinStatic	0,021721	0	0,012031	0	0,003361	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	0,147329	0	0,041038	0	0,011707	0
4	LM71SISO	LinStatic	0,00758	0	0,004199	0	0,001173	0
4	SW2SISO	LinStatic	0,00642	0	0,003556	0	0,000993	0
4	SISMAO	LinStatic	0,049083	0	0,01963	0	0,005499	0
4	LM71SVA	LinStatic	1,947E-08	0	0,000402	0	1,3E-05	0
4	SW2SVA	LinStatic	1,644E-08	0	0,00034	0	1,1E-05	0
4	SISMAVA	LinStatic	-3,012E-07	0	0,002852	0	8,3E-05	0
4	LM71SVB	LinStatic	-1,947E-08	0	-0,000402	0	-1,3E-05	0
4	SW2SVB	LinStatic	-1,644E-08	0	-0,00034	0	-1,1E-05	0
4	SISMAVB	LinStatic	3,012E-07	0	-0,002852	0	-8,3E-05	0
5	PP	LinStatic	1,964E-06	0	-0,019772	0	-0,000419	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
5	REINTSUP	LinStatic	-2,254E-08	0	-0,000496	0	-1,6E-05	0
5	BALLAST	LinStatic	-1,352E-07	0	-0,002973	0	-9,6E-05	0
5	STERRASX	LinStatic	0,114842	0	0,02185	0	0,006718	0
5	STERRADX	LinStatic	-0,114808	0	-0,021576	0	-0,006372	0
5	TERMP	LinStatic	-1,816E-07	0	-8,816E-06	0	-1,1E-05	0
5	TERMN	LinStatic	5,449E-07	0	2,6E-05	0	3,4E-05	0
5	GRADTP	LinStatic	9,136E-07	0	1,6E-05	0	2,1E-05	0
5	GRADTN	LinStatic	-9,136E-07	0	-1,6E-05	0	-2,1E-05	0
5	LM71C	LinStatic	-7,928E-07	0	-0,01103	0	-0,000363	0
5	LM71SX	LinStatic	-6,5E-07	0	-0,013999	0	-0,001225	0
5	LM71DX	LinStatic	-6,5E-07	0	-0,008056	0	0,000505	0
5	STLM71	LinStatic	0,023163	0	0,005979	0	0,001823	0
5	AVVLM71	LinStatic	0,020481	0	0,01053	0	0,003147	0
5	SW2	LinStatic	-4,938E-07	0	-0,010859	0	-0,000351	0
5	STSW2	LinStatic	0,039488	0	0,010194	0	0,003108	0
5	FRENSW2	LinStatic	0,021721	0	0,011167	0	0,003337	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	0,147325	0	0,038032	0	0,011595	0
5	LM71SISO	LinStatic	0,00758	0	0,003897	0	0,001165	0
5	SW2SISO	LinStatic	0,00642	0	0,003301	0	0,000986	0
5	SISMAO	LinStatic	0,049082	0	0,018217	0	0,005457	0
5	LM71SVA	LinStatic	1,812E-08	0	0,000399	0	1,3E-05	0
5	SW2SVA	LinStatic	1,531E-08	0	0,000337	0	1,1E-05	0
5	SISMAVA	LinStatic	-2,804E-07	0	0,002829	0	8,2E-05	0
5	LM71SVB	LinStatic	-1,812E-08	0	-0,000399	0	-1,3E-05	0
5	SW2SVB	LinStatic	-1,531E-08	0	-0,000337	0	-1,1E-05	0
5	SISMAVB	LinStatic	2,804E-07	0	-0,002829	0	-8,2E-05	0
6	PP	LinStatic	1,818E-06	0	-0,019659	0	-0,000412	0
6	REINTSUP	LinStatic	-2,087E-08	0	-0,000491	0	-1,6E-05	0
6	BALLAST	LinStatic	-1,252E-07	0	-0,002948	0	-9,4E-05	0
6	STERRASX	LinStatic	0,11484	0	0,020127	0	0,006648	0
6	STERRADX	LinStatic	-0,114808	0	-0,019939	0	-0,006327	0
6	TERMP	LinStatic	-1,682E-07	0	-6,042E-06	0	-1E-05	0
6	TERMN	LinStatic	5,046E-07	0	1,8E-05	0	3,1E-05	0
6	GRADTP	LinStatic	8,459E-07	0	1,1E-05	0	1,9E-05	0
6	GRADTN	LinStatic	-8,459E-07	0	-1,1E-05	0	-1,9E-05	0
6	LM71C	LinStatic	-7,341E-07	0	-0,010934	0	-0,000354	0
6	LM71SX	LinStatic	-6,018E-07	0	-0,01368	0	-0,001214	0
6	LM71DX	LinStatic	-6,018E-07	0	-0,008184	0	0,000512	0
6	STLM71	LinStatic	0,023162	0	0,005512	0	0,001806	0
6	AVVLM71	LinStatic	0,020481	0	0,009721	0	0,003124	0
6	SW2	LinStatic	-4,572E-07	0	-0,010766	0	-0,000342	0
6	STSW2	LinStatic	0,039487	0	0,009396	0	0,003078	0
6	FRENSW2	LinStatic	0,021721	0	0,010309	0	0,003314	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	0,147322	0	0,035056	0	0,011485	0
6	LM71SISO	LinStatic	0,00758	0	0,003598	0	0,001156	0
6	SW2SISO	LinStatic	0,00642	0	0,003047	0	0,000979	0
6	SISMAO	LinStatic	0,049081	0	0,016814	0	0,005416	0
6	LM71SVA	LinStatic	1,678E-08	0	0,000395	0	1,3E-05	0
6	SW2SVA	LinStatic	1,417E-08	0	0,000334	0	1,1E-05	0
6	SISMAVA	LinStatic	-2,597E-07	0	0,002807	0	8,1E-05	0
6	LM71SVB	LinStatic	-1,678E-08	0	-0,000395	0	-1,3E-05	0
6	SW2SVB	LinStatic	-1,417E-08	0	-0,000334	0	-1,1E-05	0
6	SISMAVB	LinStatic	2,597E-07	0	-0,002807	0	-8,1E-05	0
7	PP	LinStatic	1,673E-06	0	-0,01955	0	-0,000399	0
7	REINTSUP	LinStatic	-1,92E-08	0	-0,000487	0	-1,5E-05	0
7	BALLAST	LinStatic	-1,152E-07	0	-0,002923	0	-9E-05	0
7	STERRASX	LinStatic	0,114837	0	0,018422	0	0,00658	0
7	STERRADX	LinStatic	-0,114807	0	-0,018314	0	-0,006285	0
7	TERMP	LinStatic	-1,547E-07	0	-3,485E-06	0	-9,498E-06	0
7	TERMN	LinStatic	4,642E-07	0	1E-05	0	2,8E-05	0
7	GRADTP	LinStatic	7,783E-07	0	6,479E-06	0	1,8E-05	0
7	GRADTN	LinStatic	-7,783E-07	0	-6,479E-06	0	-1,8E-05	0
7	LM71C	LinStatic	-6,754E-07	0	-0,010841	0	-0,00034	0
7	LM71SX	LinStatic	-5,537E-07	0	-0,013365	0	-0,001199	0
7	LM71DX	LinStatic	-5,537E-07	0	-0,008314	0	0,000524	0
7	STLM71	LinStatic	0,023162	0	0,005048	0	0,001789	0
7	AVVLM71	LinStatic	0,02048	0	0,008918	0	0,003103	0
7	SW2	LinStatic	-4,207E-07	0	-0,010675	0	-0,00033	0
7	STSW2	LinStatic	0,039487	0	0,008607	0	0,00305	0
7	FRENSW2	LinStatic	0,02172	0	0,009458	0	0,003291	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	0,147319	0	0,03211	0	0,011378	0
7	LM71SISO	LinStatic	0,00758	0	0,003301	0	0,001148	0
7	SW2SISO	LinStatic	0,00642	0	0,002796	0	0,000973	0
7	SISMAO	LinStatic	0,049081	0	0,015423	0	0,005376	0
7	LM71SVA	LinStatic	1,544E-08	0	0,000392	0	1,2E-05	0
7	SW2SVA	LinStatic	1,304E-08	0	0,000331	0	1E-05	0
7	SISMAVA	LinStatic	-2,389E-07	0	0,002786	0	7,8E-05	0
7	LM71SVB	LinStatic	-1,544E-08	0	-0,000392	0	-1,2E-05	0
7	SW2SVB	LinStatic	-1,304E-08	0	-0,000331	0	-1E-05	0
7	SISMAVB	LinStatic	2,389E-07	0	-0,002786	0	-7,8E-05	0
8	PP	LinStatic	1,527E-06	0	-0,019445	0	-0,000381	0
8	REINTSUP	LinStatic	-1,753E-08	0	-0,000483	0	-1,4E-05	0
8	BALLAST	LinStatic	-1,052E-07	0	-0,002899	0	-8,6E-05	0
8	STERRASX	LinStatic	0,114835	0	0,016735	0	0,006514	0
8	STERRADX	LinStatic	-0,114807	0	-0,0167	0	-0,006245	0
8	TERMP	LinStatic	-1,413E-07	0	-1,143E-06	0	-8,663E-06	0
8	TERMN	LinStatic	4,238E-07	0	3,43E-06	0	2,6E-05	0
8	GRADTP	LinStatic	7,106E-07	0	2,126E-06	0	1,6E-05	0
8	GRADTN	LinStatic	-7,106E-07	0	-2,126E-06	0	-1,6E-05	0
8	LM71C	LinStatic	-6,166E-07	0	-0,010752	0	-0,000323	0
8	LM71SX	LinStatic	-5,055E-07	0	-0,013055	0	-0,00118	0
8	LM71DX	LinStatic	-5,055E-07	0	-0,008448	0	0,000539	0
8	STLM71	LinStatic	0,023161	0	0,004589	0	0,001773	0
8	AVVLM71	LinStatic	0,02048	0	0,008121	0	0,003082	0
8	SW2	LinStatic	-3,841E-07	0	-0,010589	0	-0,000313	0
8	STSW2	LinStatic	0,039486	0	0,007824	0	0,003022	0
8	FRENSW2	LinStatic	0,02172	0	0,008613	0	0,003268	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	0,147316	0	0,029191	0	0,011275	0
8	LM71SISO	LinStatic	0,00758	0	0,003006	0	0,001141	0
8	SW2SISO	LinStatic	0,00642	0	0,002546	0	0,000966	0
8	SISMAO	LinStatic	0,04908	0	0,014043	0	0,005337	0
8	LM71SVA	LinStatic	1,41E-08	0	0,000389	0	1,1E-05	0
8	SW2SVA	LinStatic	1,19E-08	0	0,000328	0	9,704E-06	0
8	SISMAVA	LinStatic	-2,181E-07	0	0,002765	0	7,5E-05	0
8	LM71SVB	LinStatic	-1,41E-08	0	-0,000389	0	-1,1E-05	0
8	SW2SVB	LinStatic	-1,19E-08	0	-0,000328	0	-9,704E-06	0
8	SISMAVB	LinStatic	2,181E-07	0	-0,002765	0	-7,5E-05	0
9	PP	LinStatic	1,382E-06	0	-0,019345	0	-0,000358	0
9	REINTSUP	LinStatic	-1,586E-08	0	-0,00048	0	-1,3E-05	0
9	BALLAST	LinStatic	-9,515E-08	0	-0,002877	0	-8E-05	0
9	STERRASX	LinStatic	0,114832	0	0,015066	0	0,006452	0
9	STERRADX	LinStatic	-0,114808	0	-0,015096	0	-0,006209	0
9	TERMP	LinStatic	-1,278E-07	0	9,826E-07	0	-7,83E-06	0
9	TERMN	LinStatic	3,835E-07	0	-2,948E-06	0	2,3E-05	0
9	GRADTP	LinStatic	6,429E-07	0	-1,827E-06	0	1,5E-05	0
9	GRADTN	LinStatic	-6,429E-07	0	1,827E-06	0	-1,5E-05	0
9	LM71C	LinStatic	-5,579E-07	0	-0,010668	0	-0,000302	0
9	LM71SX	LinStatic	-4,574E-07	0	-0,01275	0	-0,001158	0
9	LM71DX	LinStatic	-4,574E-07	0	-0,008586	0	0,000557	0
9	STLM71	LinStatic	0,023161	0	0,004135	0	0,001757	0
9	AVVLM71	LinStatic	0,02048	0	0,007329	0	0,003062	0
9	SW2	LinStatic	-3,475E-07	0	-0,010508	0	-0,000293	0
9	STSW2	LinStatic	0,039485	0	0,007049	0	0,002996	0
9	FRENSW2	LinStatic	0,02172	0	0,007773	0	0,003247	0
9	SERP	LinStatic	0	0	0	0	0	0
9	INCRTER	LinStatic	0,147313	0	0,026299	0	0,011177	0
9	LM71SISO	LinStatic	0,00758	0	0,002713	0	0,001133	0
9	SW2SISO	LinStatic	0,00642	0	0,002298	0	0,00096	0
9	SISMAO	LinStatic	0,04908	0	0,012672	0	0,005301	0
9	LM71SVA	LinStatic	1,275E-08	0	0,000386	0	1,1E-05	0
9	SW2SVA	LinStatic	1,077E-08	0	0,000326	0	9,09E-06	0
9	SISMAVA	LinStatic	-1,973E-07	0	0,002745	0	7E-05	0
9	LM71SVB	LinStatic	-1,275E-08	0	-0,000386	0	-1,1E-05	0
9	SW2SVB	LinStatic	-1,077E-08	0	-0,000326	0	-9,09E-06	0
9	SISMAVB	LinStatic	1,973E-07	0	-0,002745	0	-7E-05	0
10	PP	LinStatic	1,236E-06	0	-0,019253	0	-0,000331	0
10	REINTSUP	LinStatic	-1,419E-08	0	-0,000476	0	-1,2E-05	0
10	BALLAST	LinStatic	-8,514E-08	0	-0,002857	0	-7,4E-05	0
10	STERRASX	LinStatic	0,11483	0	0,013412	0	0,006393	0
10	STERRADX	LinStatic	-0,114808	0	-0,013502	0	-0,006176	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
10	TERMP	LinStatic	-1,144E-07	0	2,894E-06	0	-6,999E-06	0
10	TERMN	LinStatic	3,431E-07	0	-8,682E-06	0	2,1E-05	0
10	GRADTP	LinStatic	5,752E-07	0	-5,38E-06	0	1,3E-05	0
10	GRADTN	LinStatic	-5,752E-07	0	5,38E-06	0	-1,3E-05	0
10	LM71C	LinStatic	-4,992E-07	0	-0,01059	0	-0,000279	0
10	LM71SX	LinStatic	-4,092E-07	0	-0,012452	0	-0,001132	0
10	LM71DX	LinStatic	-4,092E-07	0	-0,00873	0	0,000579	0
10	STLM71	LinStatic	0,02316	0	0,003684	0	0,001743	0
10	AVVLM71	LinStatic	0,02048	0	0,006543	0	0,003043	0
10	SW2	LinStatic	-3,109E-07	0	-0,010432	0	-0,00027	0
10	STSW2	LinStatic	0,039484	0	0,006281	0	0,002971	0
10	FRENSW2	LinStatic	0,02172	0	0,006939	0	0,003228	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	0,147311	0	0,023433	0	0,011085	0
10	LM71SISO	LinStatic	0,00758	0	0,002422	0	0,001126	0
10	SW2SISO	LinStatic	0,00642	0	0,002051	0	0,000954	0
10	SISMAO	LinStatic	0,049079	0	0,011311	0	0,005267	0
10	LM71SVA	LinStatic	1,141E-08	0	0,000383	0	9,924E-06	0
10	SW2SVA	LinStatic	9,637E-09	0	0,000323	0	8,382E-06	0
10	SISMAVA	LinStatic	-1,766E-07	0	0,002727	0	6,5E-05	0
10	LM71SVB	LinStatic	-1,141E-08	0	-0,000383	0	-9,924E-06	0
10	SW2SVB	LinStatic	-9,637E-09	0	-0,000323	0	-8,382E-06	0
10	SISMAVB	LinStatic	1,766E-07	0	-0,002727	0	-6,5E-05	0
11	PP	LinStatic	1,091E-06	0	-0,019168	0	-0,000301	0
11	REINTSUP	LinStatic	-1,252E-08	0	-0,000473	0	-1,1E-05	0
11	BALLAST	LinStatic	-7,512E-08	0	-0,002838	0	-6,7E-05	0
11	STERRASX	LinStatic	0,114828	0	0,011773	0	0,006338	0
11	STERRADX	LinStatic	-0,114808	0	-0,011916	0	-0,006146	0
11	TERMP	LinStatic	-1,009E-07	0	4,591E-06	0	-6,17E-06	0
11	TERMN	LinStatic	3,027E-07	0	-1,4E-05	0	1,9E-05	0
11	GRADTP	LinStatic	5,075E-07	0	-8,536E-06	0	1,1E-05	0
11	GRADTN	LinStatic	-5,075E-07	0	8,536E-06	0	-1,1E-05	0
11	LM71C	LinStatic	-4,404E-07	0	-0,010519	0	-0,000252	0
11	LM71SX	LinStatic	-3,611E-07	0	-0,012161	0	-0,001104	0
11	LM71DX	LinStatic	-3,611E-07	0	-0,00888	0	0,000603	0
11	STLM71	LinStatic	0,02316	0	0,003237	0	0,001729	0
11	AVVLM71	LinStatic	0,02048	0	0,005761	0	0,003026	0
11	SW2	LinStatic	-2,743E-07	0	-0,010363	0	-0,000245	0
11	STSW2	LinStatic	0,039484	0	0,005519	0	0,002948	0
11	FRENSW2	LinStatic	0,02172	0	0,00611	0	0,00321	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	0,147308	0	0,020589	0	0,011	0
11	LM71SISO	LinStatic	0,00758	0	0,002132	0	0,00112	0
11	SW2SISO	LinStatic	0,00642	0	0,001806	0	0,000949	0
11	SISMAO	LinStatic	0,049079	0	0,009959	0	0,005236	0
11	LM71SVA	LinStatic	1,007E-08	0	0,00038	0	8,988E-06	0
11	SW2SVA	LinStatic	8,503E-09	0	0,000321	0	7,591E-06	0
11	SISMAVA	LinStatic	-1,558E-07	0	0,002711	0	5,9E-05	0
11	LM71SVB	LinStatic	-1,007E-08	0	-0,00038	0	-8,988E-06	0
11	SW2SVB	LinStatic	-8,503E-09	0	-0,000321	0	-7,591E-06	0
11	SISMAVB	LinStatic	1,558E-07	0	-0,002711	0	-5,9E-05	0
12	PP	LinStatic	9,455E-07	0	-0,019091	0	-0,000267	0
12	REINTSUP	LinStatic	-1,085E-08	0	-0,00047	0	-9,904E-06	0
12	BALLAST	LinStatic	-6,51E-08	0	-0,002821	0	-5,9E-05	0
12	STERRASX	LinStatic	0,114825	0	0,010149	0	0,006287	0
12	STERRADX	LinStatic	-0,114809	0	-0,010337	0	-0,006122	0
12	TERMP	LinStatic	-8,746E-08	0	6,075E-06	0	-5,342E-06	0
12	TERMN	LinStatic	2,624E-07	0	-1,8E-05	0	1,6E-05	0
12	GRADTP	LinStatic	4,399E-07	0	-1,1E-05	0	9,933E-06	0
12	GRADTN	LinStatic	-4,399E-07	0	1,1E-05	0	-9,933E-06	0
12	LM71C	LinStatic	-3,817E-07	0	-0,010456	0	-0,000223	0
12	LM71SX	LinStatic	-3,129E-07	0	-0,011878	0	-0,001074	0
12	LM71DX	LinStatic	-3,129E-07	0	-0,009037	0	0,00063	0
12	STLM71	LinStatic	0,02316	0	0,002794	0	0,001717	0
12	AVVLM71	LinStatic	0,020479	0	0,004984	0	0,003011	0
12	SW2	LinStatic	-2,378E-07	0	-0,010302	0	-0,000217	0
12	STSW2	LinStatic	0,039483	0	0,004762	0	0,002927	0
12	FRENSW2	LinStatic	0,021719	0	0,005286	0	0,003194	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	0,147306	0	0,017768	0	0,010922	0
12	LM71SISO	LinStatic	0,00758	0	0,001845	0	0,001114	0
12	SW2SISO	LinStatic	0,00642	0	0,001562	0	0,000944	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
12	SISMAO	LinStatic	0,049079	0	0,008614	0	0,005208	0
12	LM71SVA	LinStatic	8,726E-09	0	0,000378	0	7,964E-06	0
12	SW2SVA	LinStatic	7,369E-09	0	0,000319	0	6,726E-06	0
12	SISMAVA	LinStatic	-1,35E-07	0	0,002696	0	5,2E-05	0
12	LM71SVB	LinStatic	-8,726E-09	0	-0,000378	0	-7,964E-06	0
12	SW2SVB	LinStatic	-7,369E-09	0	-0,000319	0	-6,726E-06	0
12	SISMAVB	LinStatic	1,35E-07	0	-0,002696	0	-5,2E-05	0
13	PP	LinStatic	8,001E-07	0	-0,019025	0	-0,000231	0
13	REINTSUP	LinStatic	-9,181E-09	0	-0,000468	0	-8,537E-06	0
13	BALLAST	LinStatic	-5,509E-08	0	-0,002806	0	-5,1E-05	0
13	STERRASX	LinStatic	0,114823	0	0,008537	0	0,006242	0
13	STERRADX	LinStatic	-0,114809	0	-0,008765	0	-0,006101	0
13	TERMP	LinStatic	-7,4E-08	0	7,345E-06	0	-4,517E-06	0
13	TERMN	LinStatic	2,22E-07	0	-2,2E-05	0	1,4E-05	0
13	GRADTP	LinStatic	3,722E-07	0	-1,4E-05	0	8,398E-06	0
13	GRADTN	LinStatic	-3,722E-07	0	1,4E-05	0	-8,398E-06	0
13	LM71C	LinStatic	-3,23E-07	0	-0,0104	0	-0,000193	0
13	LM71SX	LinStatic	-2,648E-07	0	-0,011603	0	-0,001041	0
13	LM71DX	LinStatic	-2,648E-07	0	-0,009201	0	0,000659	0
13	STLM71	LinStatic	0,023159	0	0,002353	0	0,001706	0
13	AVVLM71	LinStatic	0,020479	0	0,00421	0	0,002998	0
13	SW2	LinStatic	-2,012E-07	0	-0,010248	0	-0,000187	0
13	STSW2	LinStatic	0,039483	0	0,004012	0	0,002909	0
13	FRENSW2	LinStatic	0,021719	0	0,004465	0	0,003179	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	0,147304	0	0,014966	0	0,010852	0
13	LM71SISO	LinStatic	0,00758	0	0,001558	0	0,00111	0
13	SW2SISO	LinStatic	0,00642	0	0,00132	0	0,00094	0
13	SISMAO	LinStatic	0,049078	0	0,007277	0	0,005184	0
13	LM71SVA	LinStatic	7,383E-09	0	0,000376	0	6,865E-06	0
13	SW2SVA	LinStatic	6,236E-09	0	0,000318	0	5,798E-06	0
13	SISMAVA	LinStatic	-1,142E-07	0	0,002683	0	4,5E-05	0
13	LM71SVB	LinStatic	-7,383E-09	0	-0,000376	0	-6,865E-06	0
13	SW2SVB	LinStatic	-6,236E-09	0	-0,000318	0	-5,798E-06	0
13	SISMAVB	LinStatic	1,142E-07	0	-0,002683	0	-4,5E-05	0
14	PP	LinStatic	6,546E-07	0	-0,018968	0	-0,000192	0
14	REINTSUP	LinStatic	-7,512E-09	0	-0,000466	0	-7,092E-06	0
14	BALLAST	LinStatic	-4,507E-08	0	-0,002794	0	-4,3E-05	0
14	STERRASX	LinStatic	0,114822	0	0,006936	0	0,006201	0
14	STERRADX	LinStatic	-0,11481	0	-0,007197	0	-0,006086	0
14	TERMP	LinStatic	-6,055E-08	0	8,403E-06	0	-3,694E-06	0
14	TERMN	LinStatic	1,816E-07	0	-2,5E-05	0	1,1E-05	0
14	GRADTP	LinStatic	3,045E-07	0	-1,6E-05	0	6,867E-06	0
14	GRADTN	LinStatic	-3,045E-07	0	1,6E-05	0	-6,867E-06	0
14	LM71C	LinStatic	-2,643E-07	0	-0,010353	0	-0,00016	0
14	LM71SX	LinStatic	-2,166E-07	0	-0,011338	0	-0,001008	0
14	LM71DX	LinStatic	-2,166E-07	0	-0,009373	0	0,00069	0
14	STLM71	LinStatic	0,023159	0	0,001915	0	0,001696	0
14	AVVLM71	LinStatic	0,020479	0	0,00344	0	0,002986	0
14	SW2	LinStatic	-1,646E-07	0	-0,010202	0	-0,000155	0
14	STSW2	LinStatic	0,039482	0	0,003265	0	0,002892	0
14	FRENSW2	LinStatic	0,021719	0	0,003648	0	0,003167	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	0,147302	0	0,012182	0	0,01079	0
14	LM71SISO	LinStatic	0,00758	0	0,001273	0	0,001105	0
14	SW2SISO	LinStatic	0,00642	0	0,001078	0	0,000936	0
14	SISMAO	LinStatic	0,049078	0	0,005945	0	0,005163	0
14	LM71SVA	LinStatic	6,041E-09	0	0,000374	0	5,703E-06	0
14	SW2SVA	LinStatic	5,102E-09	0	0,000316	0	4,817E-06	0
14	SISMAVA	LinStatic	-9,347E-08	0	0,002672	0	3,8E-05	0
14	LM71SVB	LinStatic	-6,041E-09	0	-0,000374	0	-5,703E-06	0
14	SW2SVB	LinStatic	-5,102E-09	0	-0,000316	0	-4,817E-06	0
14	SISMAVB	LinStatic	9,347E-08	0	-0,002672	0	-3,8E-05	0
15	PP	LinStatic	5,091E-07	0	-0,018922	0	-0,000152	0
15	REINTSUP	LinStatic	-5,843E-09	0	-0,000464	0	-5,583E-06	0
15	BALLAST	LinStatic	-3,506E-08	0	-0,002783	0	-3,3E-05	0
15	STERRASX	LinStatic	0,11482	0	0,005346	0	0,006166	0
15	STERRADX	LinStatic	-0,114811	0	-0,005633	0	-0,006077	0
15	TERMP	LinStatic	-4,709E-08	0	9,249E-06	0	-2,871E-06	0
15	TERMN	LinStatic	1,413E-07	0	-2,8E-05	0	8,614E-06	0
15	GRADTP	LinStatic	2,369E-07	0	-1,7E-05	0	5,338E-06	0
15	GRADTN	LinStatic	-2,369E-07	0	1,7E-05	0	-5,338E-06	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
15	LM71C	LinStatic	-2,055E-07	0	-0,010315	0	-0,000126	0
15	LM71SX	LinStatic	-1,685E-07	0	-0,011081	0	-0,000973	0
15	LM71DX	LinStatic	-1,685E-07	0	-0,009554	0	0,000723	0
15	STLM71	LinStatic	0,023159	0	0,00148	0	0,001688	0
15	AVVLM71	LinStatic	0,020479	0	0,002673	0	0,002977	0
15	SW2	LinStatic	-1,28E-07	0	-0,010165	0	-0,000122	0
15	STSW2	LinStatic	0,039482	0	0,002523	0	0,002878	0
15	FRENSW2	LinStatic	0,021719	0	0,002835	0	0,003157	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	0,1473	0	0,009413	0	0,010737	0
15	LM71SISO	LinStatic	0,00758	0	0,000989	0	0,001102	0
15	SW2SISO	LinStatic	0,00642	0	0,000838	0	0,000933	0
15	SISMAO	LinStatic	0,049078	0	0,004619	0	0,005146	0
15	LM71SVA	LinStatic	4,698E-09	0	0,000373	0	4,49E-06	0
15	SW2SVA	LinStatic	3,968E-09	0	0,000315	0	3,792E-06	0
15	SISMAVA	LinStatic	-7,27E-08	0	0,002663	0	3E-05	0
15	LM71SVB	LinStatic	-4,698E-09	0	-0,000373	0	-4,49E-06	0
15	SW2SVB	LinStatic	-3,968E-09	0	-0,000315	0	-3,792E-06	0
15	SISMAVB	LinStatic	7,27E-08	0	-0,002663	0	-3E-05	0
16	PP	LinStatic	3,637E-07	0	-0,018887	0	-0,000109	0
16	REINTSUP	LinStatic	-4,173E-09	0	-0,000463	0	-4,023E-06	0
16	BALLAST	LinStatic	-2,504E-08	0	-0,002776	0	-2,4E-05	0
16	STERRASX	LinStatic	0,114818	0	0,003764	0	0,006136	0
16	STERRADX	LinStatic	-0,114812	0	-0,00407	0	-0,006072	0
16	TERMP	LinStatic	-3,364E-08	0	9,883E-06	0	-2,05E-06	0
16	TERMN	LinStatic	1,009E-07	0	-3E-05	0	6,15E-06	0
16	GRADTP	LinStatic	1,692E-07	0	-1,8E-05	0	3,812E-06	0
16	GRADTN	LinStatic	-1,692E-07	0	1,8E-05	0	-3,812E-06	0
16	LM71C	LinStatic	-1,468E-07	0	-0,010286	0	-9,1E-05	0
16	LM71SX	LinStatic	-1,204E-07	0	-0,010834	0	-0,000937	0
16	LM71DX	LinStatic	-1,204E-07	0	-0,009744	0	0,000757	0
16	STLM71	LinStatic	0,023158	0	0,001047	0	0,001681	0
16	AVVLM71	LinStatic	0,020479	0	0,001908	0	0,00297	0
16	SW2	LinStatic	-9,145E-08	0	-0,010137	0	-8,8E-05	0
16	STSW2	LinStatic	0,039481	0	0,001784	0	0,002866	0
16	FRENSW2	LinStatic	0,021719	0	0,002023	0	0,00315	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	0,147298	0	0,006657	0	0,010693	0
16	LM71SISO	LinStatic	0,00758	0	0,000706	0	0,001099	0
16	SW2SISO	LinStatic	0,00642	0	0,000598	0	0,000931	0
16	SISMAO	LinStatic	0,049078	0	0,003296	0	0,005133	0
16	LM71SVA	LinStatic	3,356E-09	0	0,000372	0	3,236E-06	0
16	SW2SVA	LinStatic	2,834E-09	0	0,000314	0	2,733E-06	0
16	SISMAVA	LinStatic	-5,193E-08	0	0,002656	0	2,1E-05	0
16	LM71SVB	LinStatic	-3,356E-09	0	-0,000372	0	-3,236E-06	0
16	SW2SVB	LinStatic	-2,834E-09	0	-0,000314	0	-2,733E-06	0
16	SISMAVB	LinStatic	5,193E-08	0	-0,002656	0	-2,1E-05	0
17	PP	LinStatic	2,182E-07	0	-0,018864	0	-6,6E-05	0
17	REINTSUP	LinStatic	-2,504E-09	0	-0,000462	0	-2,428E-06	0
17	BALLAST	LinStatic	-1,502E-08	0	-0,002771	0	-1,5E-05	0
17	STERRASX	LinStatic	0,114817	0	0,002189	0	0,006112	0
17	STERRADX	LinStatic	-0,114813	0	-0,002508	0	-0,006073	0
17	TERMP	LinStatic	-2,018E-08	0	1E-05	0	-1,23E-06	0
17	TERMN	LinStatic	6,055E-08	0	-3,1E-05	0	3,689E-06	0
17	GRADTP	LinStatic	1,015E-07	0	-1,9E-05	0	2,286E-06	0
17	GRADTN	LinStatic	-1,015E-07	0	1,9E-05	0	-2,286E-06	0
17	LM71C	LinStatic	-8,809E-08	0	-0,010267	0	-5,5E-05	0
17	LM71SX	LinStatic	-7,222E-08	0	-0,010597	0	-0,0009	0
17	LM71DX	LinStatic	-7,221E-08	0	-0,009943	0	0,000792	0
17	STLM71	LinStatic	0,023158	0	0,000615	0	0,001676	0
17	AVVLM71	LinStatic	0,020479	0	0,001144	0	0,002965	0
17	SW2	LinStatic	-5,487E-08	0	-0,010118	0	-5,3E-05	0
17	STSW2	LinStatic	0,039481	0	0,001048	0	0,002857	0
17	FRENSW2	LinStatic	0,021719	0	0,001213	0	0,003145	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	0,147296	0	0,003911	0	0,010659	0
17	LM71SISO	LinStatic	0,00758	0	0,000423	0	0,001098	0
17	SW2SISO	LinStatic	0,00642	0	0,000359	0	0,00093	0
17	SISMAO	LinStatic	0,049078	0	0,001977	0	0,005125	0
17	LM71SVA	LinStatic	2,014E-09	0	0,000371	0	1,953E-06	0
17	SW2SVA	LinStatic	1,701E-09	0	0,000314	0	1,649E-06	0
17	SISMAVA	LinStatic	-3,116E-08	0	0,002651	0	1,3E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
17	LM71SVB	LinStatic	-2,014E-09	0	-0,000371	0	-1,953E-06	0
17	SW2SVB	LinStatic	-1,701E-09	0	-0,000314	0	-1,649E-06	0
17	SISMAVB	LinStatic	3,116E-08	0	-0,002651	0	-1,3E-05	0
18	PP	LinStatic	7,273E-08	0	-0,018852	0	-2,2E-05	0
18	REINTSUP	LinStatic	-8,347E-10	0	-0,000461	0	-8,118E-07	0
18	BALLAST	LinStatic	-5,008E-09	0	-0,002768	0	-4,871E-06	0
18	STERRASX	LinStatic	0,114815	0	0,00062	0	0,006093	0
18	STERRADX	LinStatic	-0,114814	0	-0,000946	0	-0,00608	0
18	TERMP	LinStatic	-6,728E-09	0	1,1E-05	0	-4,099E-07	0
18	TERMN	LinStatic	2,018E-08	0	-3,2E-05	0	1,23E-06	0
18	GRADTP	LinStatic	3,384E-08	0	-2E-05	0	7,62E-07	0
18	GRADTN	LinStatic	-3,384E-08	0	2E-05	0	-7,62E-07	0
18	LM71C	LinStatic	-2,936E-08	0	-0,010257	0	-1,8E-05	0
18	LM71SX	LinStatic	-2,407E-08	0	-0,010369	0	-0,000864	0
18	LM71DX	LinStatic	-2,407E-08	0	-0,010151	0	0,000828	0
18	STLM71	LinStatic	0,023158	0	0,000184	0	0,001672	0
18	AVVLM71	LinStatic	0,020479	0	0,000381	0	0,002963	0
18	SW2	LinStatic	-1,829E-08	0	-0,010109	0	-1,8E-05	0
18	STSW2	LinStatic	0,03948	0	0,000314	0	0,00285	0
18	FRENSW2	LinStatic	0,021719	0	0,000404	0	0,003142	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	0,147295	0	0,001172	0	0,010634	0
18	LM71SISO	LinStatic	0,00758	0	0,000141	0	0,001097	0
18	SW2SISO	LinStatic	0,00642	0	0,000119	0	0,000929	0
18	SISMAO	LinStatic	0,049078	0	0,000659	0	0,005121	0
18	LM71SVA	LinStatic	6,712E-10	0	0,000371	0	6,528E-07	0
18	SW2SVA	LinStatic	5,669E-10	0	0,000313	0	5,514E-07	0
18	SISMAVA	LinStatic	-1,039E-08	0	0,002649	0	4,305E-06	0
18	LM71SVB	LinStatic	-6,712E-10	0	-0,000371	0	-6,528E-07	0
18	SW2SVB	LinStatic	-5,669E-10	0	-0,000313	0	-5,514E-07	0
18	SISMAVB	LinStatic	1,039E-08	0	-0,002649	0	-4,305E-06	0
19	PP	LinStatic	-7,273E-08	0	-0,018852	0	2,2E-05	0
19	REINTSUP	LinStatic	8,347E-10	0	-0,000461	0	8,118E-07	0
19	BALLAST	LinStatic	5,008E-09	0	-0,002768	0	4,871E-06	0
19	STERRASX	LinStatic	0,114814	0	-0,000946	0	0,00608	0
19	STERRADX	LinStatic	-0,114815	0	0,00062	0	-0,006093	0
19	TERMP	LinStatic	6,728E-09	0	1,1E-05	0	4,099E-07	0
19	TERMN	LinStatic	-2,018E-08	0	-3,2E-05	0	-1,23E-06	0
19	GRADTP	LinStatic	-3,384E-08	0	-2E-05	0	-7,62E-07	0
19	GRADTN	LinStatic	3,384E-08	0	2E-05	0	7,62E-07	0
19	LM71C	LinStatic	2,936E-08	0	-0,010257	0	1,8E-05	0
19	LM71SX	LinStatic	2,407E-08	0	-0,010151	0	-0,000828	0
19	LM71DX	LinStatic	2,407E-08	0	-0,010369	0	0,000864	0
19	STLM71	LinStatic	0,023158	0	-0,000245	0	0,00167	0
19	AVVLM71	LinStatic	0,020479	0	-0,000381	0	0,002963	0
19	SW2	LinStatic	1,829E-08	0	-0,010109	0	1,8E-05	0
19	STSW2	LinStatic	0,03948	0	-0,000418	0	0,002846	0
19	FRENSW2	LinStatic	0,021719	0	-0,000404	0	0,003142	0
19	SERP	LinStatic	0	0	0	0	0	0
19	INCRTER	LinStatic	0,147294	0	-0,001561	0	0,010619	0
19	LM71SISO	LinStatic	0,00758	0	-0,000141	0	0,001097	0
19	SW2SISO	LinStatic	0,00642	0	-0,000119	0	0,000929	0
19	SISMAO	LinStatic	0,049078	0	-0,000659	0	0,005121	0
19	LM71SVA	LinStatic	-6,712E-10	0	0,000371	0	-6,528E-07	0
19	SW2SVA	LinStatic	-5,669E-10	0	0,000313	0	-5,514E-07	0
19	SISMAVA	LinStatic	1,039E-08	0	0,002649	0	-4,305E-06	0
19	LM71SVB	LinStatic	6,712E-10	0	-0,000371	0	6,528E-07	0
19	SW2SVB	LinStatic	5,669E-10	0	-0,000313	0	5,514E-07	0
19	SISMAVB	LinStatic	-1,039E-08	0	-0,002649	0	4,305E-06	0
20	PP	LinStatic	-2,182E-07	0	-0,018864	0	6,6E-05	0
20	REINTSUP	LinStatic	2,504E-09	0	-0,000462	0	2,428E-06	0
20	BALLAST	LinStatic	1,502E-08	0	-0,002771	0	1,5E-05	0
20	STERRASX	LinStatic	0,114813	0	-0,002508	0	0,006073	0
20	STERRADX	LinStatic	-0,114817	0	0,002189	0	-0,006112	0
20	TERMP	LinStatic	2,018E-08	0	1E-05	0	1,23E-06	0
20	TERMN	LinStatic	-6,055E-08	0	-3,1E-05	0	-3,689E-06	0
20	GRADTP	LinStatic	-1,015E-07	0	-1,9E-05	0	-2,286E-06	0
20	GRADTN	LinStatic	1,015E-07	0	1,9E-05	0	2,286E-06	0
20	LM71C	LinStatic	8,809E-08	0	-0,010267	0	5,5E-05	0
20	LM71SX	LinStatic	7,221E-08	0	-0,009943	0	-0,000792	0
20	LM71DX	LinStatic	7,222E-08	0	-0,010597	0	0,0009	0
20	STLM71	LinStatic	0,023158	0	-0,000675	0	0,001669	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
20	AVVLM71	LinStatic	0,020479	0	-0,001144	0	0,002965	0
20	SW2	LinStatic	5,487E-08	0	-0,010118	0	5,3E-05	0
20	STSW2	LinStatic	0,03948	0	-0,00115	0	0,002845	0
20	FRENSW2	LinStatic	0,021719	0	-0,001213	0	0,003145	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	0,147293	0	-0,004291	0	0,010613	0
20	LM71SISO	LinStatic	0,00758	0	-0,000423	0	0,001098	0
20	SW2SISO	LinStatic	0,00642	0	-0,000359	0	0,00093	0
20	SISMAO	LinStatic	0,049078	0	-0,001977	0	0,005125	0
20	LM71SVA	LinStatic	-2,014E-09	0	0,000371	0	-1,953E-06	0
20	SW2SVA	LinStatic	-1,701E-09	0	0,000314	0	-1,649E-06	0
20	SISMAVA	LinStatic	3,116E-08	0	0,002651	0	-1,3E-05	0
20	LM71SVB	LinStatic	2,014E-09	0	-0,000371	0	1,953E-06	0
20	SW2SVB	LinStatic	1,701E-09	0	-0,000314	0	1,649E-06	0
20	SISMAVB	LinStatic	-3,116E-08	0	-0,002651	0	1,3E-05	0
21	PP	LinStatic	-3,637E-07	0	-0,018887	0	0,000109	0
21	REINTSUP	LinStatic	4,173E-09	0	-0,000463	0	4,023E-06	0
21	BALLAST	LinStatic	2,504E-08	0	-0,002776	0	2,4E-05	0
21	STERRASX	LinStatic	0,114812	0	-0,00407	0	0,006072	0
21	STERRADX	LinStatic	-0,114818	0	0,003764	0	-0,006136	0
21	TERMP	LinStatic	3,364E-08	0	9,883E-06	0	2,05E-06	0
21	TERMN	LinStatic	-1,009E-07	0	-3E-05	0	-6,15E-06	0
21	GRADTP	LinStatic	-1,692E-07	0	-1,8E-05	0	-3,812E-06	0
21	GRADTN	LinStatic	1,692E-07	0	1,8E-05	0	3,812E-06	0
21	LM71C	LinStatic	1,468E-07	0	-0,010286	0	9,1E-05	0
21	LM71SX	LinStatic	1,204E-07	0	-0,009744	0	-0,000757	0
21	LM71DX	LinStatic	1,204E-07	0	-0,010834	0	0,000937	0
21	STLM71	LinStatic	0,023157	0	-0,001104	0	0,001669	0
21	AVVLM71	LinStatic	0,020479	0	-0,001908	0	0,00297	0
21	SW2	LinStatic	9,145E-08	0	-0,010137	0	8,8E-05	0
21	STSW2	LinStatic	0,039479	0	-0,001882	0	0,002846	0
21	FRENSW2	LinStatic	0,021719	0	-0,002023	0	0,00315	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	0,147292	0	-0,007022	0	0,010618	0
21	LM71SISO	LinStatic	0,00758	0	-0,000706	0	0,001099	0
21	SW2SISO	LinStatic	0,00642	0	-0,000598	0	0,000931	0
21	SISMAO	LinStatic	0,049078	0	-0,003296	0	0,005133	0
21	LM71SVA	LinStatic	-3,356E-09	0	0,000372	0	-3,236E-06	0
21	SW2SVA	LinStatic	-2,834E-09	0	0,000314	0	-2,733E-06	0
21	SISMAVA	LinStatic	5,193E-08	0	0,002656	0	-2,1E-05	0
21	LM71SVB	LinStatic	3,356E-09	0	-0,000372	0	3,236E-06	0
21	SW2SVB	LinStatic	2,834E-09	0	-0,000314	0	2,733E-06	0
21	SISMAVB	LinStatic	-5,193E-08	0	-0,002656	0	2,1E-05	0
22	PP	LinStatic	-5,091E-07	0	-0,018922	0	0,000152	0
22	REINTSUP	LinStatic	5,843E-09	0	-0,000464	0	5,583E-06	0
22	BALLAST	LinStatic	3,506E-08	0	-0,002783	0	3,3E-05	0
22	STERRASX	LinStatic	0,114811	0	-0,005633	0	0,006077	0
22	STERRADX	LinStatic	-0,11482	0	0,005346	0	-0,006166	0
22	TERMP	LinStatic	4,709E-08	0	9,249E-06	0	2,871E-06	0
22	TERMN	LinStatic	-1,413E-07	0	-2,8E-05	0	-8,614E-06	0
22	GRADTP	LinStatic	-2,369E-07	0	-1,7E-05	0	-5,338E-06	0
22	GRADTN	LinStatic	2,369E-07	0	1,7E-05	0	5,338E-06	0
22	LM71C	LinStatic	2,055E-07	0	-0,010315	0	0,000126	0
22	LM71SX	LinStatic	1,685E-07	0	-0,009554	0	-0,000723	0
22	LM71DX	LinStatic	1,685E-07	0	-0,011081	0	0,000973	0
22	STLM71	LinStatic	0,023157	0	-0,001534	0	0,001671	0
22	AVVLM71	LinStatic	0,020479	0	-0,002673	0	0,002977	0
22	SW2	LinStatic	1,28E-07	0	-0,010165	0	0,000122	0
22	STSW2	LinStatic	0,039479	0	-0,002615	0	0,002849	0
22	FRENSW2	LinStatic	0,021719	0	-0,002835	0	0,003157	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	0,147291	0	-0,009755	0	0,010631	0
22	LM71SISO	LinStatic	0,00758	0	-0,000989	0	0,001102	0
22	SW2SISO	LinStatic	0,00642	0	-0,000838	0	0,000933	0
22	SISMAO	LinStatic	0,049078	0	-0,004619	0	0,005146	0
22	LM71SVA	LinStatic	-4,698E-09	0	0,000373	0	-4,49E-06	0
22	SW2SVA	LinStatic	-3,968E-09	0	0,000315	0	-3,792E-06	0
22	SISMAVA	LinStatic	7,27E-08	0	0,002663	0	-3E-05	0
22	LM71SVB	LinStatic	4,698E-09	0	-0,000373	0	4,49E-06	0
22	SW2SVB	LinStatic	3,968E-09	0	-0,000315	0	3,792E-06	0
22	SISMAVB	LinStatic	-7,27E-08	0	-0,002663	0	3E-05	0
23	PP	LinStatic	-6,546E-07	0	-0,018968	0	0,000192	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
23	REINTSUP	LinStatic	7,512E-09	0	-0,000466	0	7,092E-06	0
23	BALLAST	LinStatic	4,507E-08	0	-0,002794	0	4,3E-05	0
23	STERRASX	LinStatic	0,11481	0	-0,007197	0	0,006086	0
23	STERRADX	LinStatic	-0,114822	0	0,006936	0	-0,006201	0
23	TERMP	LinStatic	6,055E-08	0	8,403E-06	0	3,694E-06	0
23	TERMN	LinStatic	-1,816E-07	0	-2,5E-05	0	-1,1E-05	0
23	GRADTP	LinStatic	-3,045E-07	0	-1,6E-05	0	-6,867E-06	0
23	GRADTN	LinStatic	3,045E-07	0	1,6E-05	0	6,867E-06	0
23	LM71C	LinStatic	2,643E-07	0	-0,010353	0	0,00016	0
23	LM71SX	LinStatic	2,166E-07	0	-0,009373	0	-0,00069	0
23	LM71DX	LinStatic	2,166E-07	0	-0,011338	0	0,001008	0
23	STLM71	LinStatic	0,023157	0	-0,001964	0	0,001675	0
23	AVVLM71	LinStatic	0,020479	0	-0,00344	0	0,002986	0
23	SW2	LinStatic	1,646E-07	0	-0,010202	0	0,000155	0
23	STSW2	LinStatic	0,039479	0	-0,003348	0	0,002856	0
23	FRENSW2	LinStatic	0,021719	0	-0,003648	0	0,003167	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	0,14729	0	-0,012492	0	0,010654	0
23	LM71SISO	LinStatic	0,00758	0	-0,001273	0	0,001105	0
23	SW2SISO	LinStatic	0,00642	0	-0,001078	0	0,000936	0
23	SISMAO	LinStatic	0,049078	0	-0,005945	0	0,005163	0
23	LM71SVA	LinStatic	-6,041E-09	0	0,000374	0	-5,703E-06	0
23	SW2SVA	LinStatic	-5,102E-09	0	0,000316	0	-4,817E-06	0
23	SISMAVA	LinStatic	9,347E-08	0	0,002672	0	-3,8E-05	0
23	LM71SVB	LinStatic	6,041E-09	0	-0,000374	0	5,703E-06	0
23	SW2SVB	LinStatic	5,102E-09	0	-0,000316	0	4,817E-06	0
23	SISMAVB	LinStatic	-9,347E-08	0	-0,002672	0	3,8E-05	0
24	PP	LinStatic	-8,001E-07	0	-0,019025	0	0,000231	0
24	REINTSUP	LinStatic	9,181E-09	0	-0,000468	0	8,537E-06	0
24	BALLAST	LinStatic	5,509E-08	0	-0,002806	0	5,1E-05	0
24	STERRASX	LinStatic	0,114809	0	-0,008765	0	0,006101	0
24	STERRADX	LinStatic	-0,114823	0	0,008537	0	-0,006242	0
24	TERMP	LinStatic	7,4E-08	0	7,345E-06	0	4,517E-06	0
24	TERMN	LinStatic	-2,22E-07	0	-2,2E-05	0	-1,4E-05	0
24	GRADTP	LinStatic	-3,722E-07	0	-1,4E-05	0	-8,398E-06	0
24	GRADTN	LinStatic	3,722E-07	0	1,4E-05	0	8,398E-06	0
24	LM71C	LinStatic	3,23E-07	0	-0,0104	0	0,000193	0
24	LM71SX	LinStatic	2,648E-07	0	-0,009201	0	-0,000659	0
24	LM71DX	LinStatic	2,648E-07	0	-0,011603	0	0,001041	0
24	STLM71	LinStatic	0,023157	0	-0,002396	0	0,00168	0
24	AVVLM71	LinStatic	0,020479	0	-0,00421	0	0,002998	0
24	SW2	LinStatic	2,012E-07	0	-0,010248	0	0,000187	0
24	STSW2	LinStatic	0,039479	0	-0,004084	0	0,002864	0
24	FRENSW2	LinStatic	0,021719	0	-0,004465	0	0,003179	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	0,147289	0	-0,015238	0	0,010685	0
24	LM71SISO	LinStatic	0,00758	0	-0,001558	0	0,00111	0
24	SW2SISO	LinStatic	0,00642	0	-0,00132	0	0,00094	0
24	SISMAO	LinStatic	0,049078	0	-0,007277	0	0,005184	0
24	LM71SVA	LinStatic	-7,383E-09	0	0,000376	0	-6,865E-06	0
24	SW2SVA	LinStatic	-6,236E-09	0	0,000318	0	-5,798E-06	0
24	SISMAVA	LinStatic	1,142E-07	0	0,002683	0	-4,5E-05	0
24	LM71SVB	LinStatic	7,383E-09	0	-0,000376	0	6,865E-06	0
24	SW2SVB	LinStatic	6,236E-09	0	-0,000318	0	5,798E-06	0
24	SISMAVB	LinStatic	-1,142E-07	0	-0,002683	0	4,5E-05	0
25	PP	LinStatic	-9,455E-07	0	-0,019091	0	0,000267	0
25	REINTSUP	LinStatic	1,085E-08	0	-0,00047	0	9,904E-06	0
25	BALLAST	LinStatic	6,51E-08	0	-0,002821	0	5,9E-05	0
25	STERRASX	LinStatic	0,114809	0	-0,010337	0	0,006122	0
25	STERRADX	LinStatic	-0,114825	0	0,010149	0	-0,006287	0
25	TERMP	LinStatic	8,746E-08	0	6,075E-06	0	5,342E-06	0
25	TERMN	LinStatic	-2,624E-07	0	-1,8E-05	0	-1,6E-05	0
25	GRADTP	LinStatic	-4,399E-07	0	-1,1E-05	0	-9,933E-06	0
25	GRADTN	LinStatic	4,399E-07	0	1,1E-05	0	9,933E-06	0
25	LM71C	LinStatic	3,817E-07	0	-0,010456	0	0,000223	0
25	LM71SX	LinStatic	3,129E-07	0	-0,009037	0	-0,00063	0
25	LM71DX	LinStatic	3,129E-07	0	-0,011878	0	0,001074	0
25	STLM71	LinStatic	0,023157	0	-0,002829	0	0,001686	0
25	AVVLM71	LinStatic	0,020479	0	-0,004984	0	0,003011	0
25	SW2	LinStatic	2,378E-07	0	-0,010302	0	0,000217	0
25	STSW2	LinStatic	0,039479	0	-0,004823	0	0,002875	0
25	FRENSW2	LinStatic	0,021719	0	-0,005286	0	0,003194	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	0,147289	0	-0,017992	0	0,010725	0
25	LM71SISO	LinStatic	0,00758	0	-0,001845	0	0,001114	0
25	SW2SISO	LinStatic	0,00642	0	-0,001562	0	0,000944	0
25	SISMAO	LinStatic	0,049079	0	-0,008614	0	0,005208	0
25	LM71SVA	LinStatic	-8,726E-09	0	0,000378	0	-7,964E-06	0
25	SW2SVA	LinStatic	-7,369E-09	0	0,000319	0	-6,726E-06	0
25	SISMAVA	LinStatic	1,35E-07	0	0,002696	0	-5,2E-05	0
25	LM71SVB	LinStatic	8,726E-09	0	-0,000378	0	7,964E-06	0
25	SW2SVB	LinStatic	7,369E-09	0	-0,000319	0	6,726E-06	0
25	SISMAVB	LinStatic	-1,35E-07	0	-0,002696	0	5,2E-05	0
26	PP	LinStatic	-1,091E-06	0	-0,019168	0	0,000301	0
26	REINTSUP	LinStatic	1,252E-08	0	-0,000473	0	1,1E-05	0
26	BALLAST	LinStatic	7,512E-08	0	-0,002838	0	6,7E-05	0
26	STERRASX	LinStatic	0,114808	0	-0,011916	0	0,006146	0
26	STERRADX	LinStatic	-0,114828	0	0,011773	0	-0,006338	0
26	TERMP	LinStatic	1,009E-07	0	4,591E-06	0	6,17E-06	0
26	TERMN	LinStatic	-3,027E-07	0	-1,4E-05	0	-1,9E-05	0
26	GRADTP	LinStatic	-5,075E-07	0	-8,536E-06	0	-1,1E-05	0
26	GRADTN	LinStatic	5,075E-07	0	8,536E-06	0	1,1E-05	0
26	LM71C	LinStatic	4,404E-07	0	-0,010519	0	0,000252	0
26	LM71SX	LinStatic	3,611E-07	0	-0,00888	0	-0,000603	0
26	LM71DX	LinStatic	3,611E-07	0	-0,012161	0	0,001104	0
26	STLM71	LinStatic	0,023157	0	-0,003264	0	0,001694	0
26	AVVLM71	LinStatic	0,02048	0	-0,005761	0	0,003026	0
26	SW2	LinStatic	2,743E-07	0	-0,010363	0	0,000245	0
26	STSW2	LinStatic	0,039479	0	-0,005564	0	0,002887	0
26	FRENSW2	LinStatic	0,02172	0	-0,00611	0	0,00321	0
26	SERP	LinStatic	0	0	0	0	0	0
26	INCRTER	LinStatic	0,147289	0	-0,020759	0	0,010772	0
26	LM71SISO	LinStatic	0,00758	0	-0,002132	0	0,00112	0
26	SW2SISO	LinStatic	0,00642	0	-0,001806	0	0,000949	0
26	SISMAO	LinStatic	0,049079	0	-0,009959	0	0,005236	0
26	LM71SVA	LinStatic	-1,007E-08	0	0,00038	0	-8,988E-06	0
26	SW2SVA	LinStatic	-8,503E-09	0	0,000321	0	-7,591E-06	0
26	SISMAVA	LinStatic	1,558E-07	0	0,002711	0	-5,9E-05	0
26	LM71SVB	LinStatic	1,007E-08	0	-0,00038	0	8,988E-06	0
26	SW2SVB	LinStatic	8,503E-09	0	-0,000321	0	7,591E-06	0
26	SISMAVB	LinStatic	-1,558E-07	0	-0,002711	0	5,9E-05	0
27	PP	LinStatic	-1,236E-06	0	-0,019253	0	0,000331	0
27	REINTSUP	LinStatic	1,419E-08	0	-0,000476	0	1,2E-05	0
27	BALLAST	LinStatic	8,514E-08	0	-0,002857	0	7,4E-05	0
27	STERRASX	LinStatic	0,114808	0	-0,013502	0	0,006176	0
27	STERRADX	LinStatic	-0,11483	0	0,013412	0	-0,006393	0
27	TERMP	LinStatic	1,144E-07	0	2,894E-06	0	6,999E-06	0
27	TERMN	LinStatic	-3,431E-07	0	-8,682E-06	0	-2,1E-05	0
27	GRADTP	LinStatic	-5,752E-07	0	-5,38E-06	0	-1,3E-05	0
27	GRADTN	LinStatic	5,752E-07	0	5,38E-06	0	1,3E-05	0
27	LM71C	LinStatic	4,992E-07	0	-0,01059	0	0,000279	0
27	LM71SX	LinStatic	4,092E-07	0	-0,00873	0	-0,000579	0
27	LM71DX	LinStatic	4,092E-07	0	-0,012452	0	0,001132	0
27	STLM71	LinStatic	0,023157	0	-0,003701	0	0,001702	0
27	AVVLM71	LinStatic	0,02048	0	-0,006543	0	0,003043	0
27	SW2	LinStatic	3,109E-07	0	-0,010432	0	0,00027	0
27	STSW2	LinStatic	0,039479	0	-0,006309	0	0,002902	0
27	FRENSW2	LinStatic	0,02172	0	-0,006939	0	0,003228	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	0,147289	0	-0,023539	0	0,010827	0
27	LM71SISO	LinStatic	0,00758	0	-0,002422	0	0,001126	0
27	SW2SISO	LinStatic	0,00642	0	-0,002051	0	0,000954	0
27	SISMAO	LinStatic	0,049079	0	-0,011311	0	0,005267	0
27	LM71SVA	LinStatic	-1,141E-08	0	0,000383	0	-9,924E-06	0
27	SW2SVA	LinStatic	-9,637E-09	0	0,000323	0	-8,382E-06	0
27	SISMAVA	LinStatic	1,766E-07	0	0,002727	0	-6,5E-05	0
27	LM71SVB	LinStatic	1,141E-08	0	-0,000383	0	9,924E-06	0
27	SW2SVB	LinStatic	9,637E-09	0	-0,000323	0	8,382E-06	0
27	SISMAVB	LinStatic	-1,766E-07	0	-0,002727	0	6,5E-05	0
28	PP	LinStatic	-1,382E-06	0	-0,019345	0	0,000358	0
28	REINTSUP	LinStatic	1,586E-08	0	-0,00048	0	1,3E-05	0
28	BALLAST	LinStatic	9,515E-08	0	-0,002877	0	8E-05	0
28	STERRASX	LinStatic	0,114808	0	-0,015096	0	0,006209	0
28	STERRADX	LinStatic	-0,114832	0	0,015066	0	-0,006452	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
28	TERMP	LinStatic	1,278E-07	0	9,826E-07	0	7,83E-06	0
28	TERMN	LinStatic	-3,835E-07	0	-2,948E-06	0	-2,3E-05	0
28	GRADTP	LinStatic	-6,429E-07	0	-1,827E-06	0	-1,5E-05	0
28	GRADTN	LinStatic	6,429E-07	0	1,827E-06	0	1,5E-05	0
28	LM71C	LinStatic	5,579E-07	0	-0,010668	0	0,000302	0
28	LM71SX	LinStatic	4,574E-07	0	-0,008586	0	-0,000557	0
28	LM71DX	LinStatic	4,574E-07	0	-0,01275	0	0,001158	0
28	STLM71	LinStatic	0,023157	0	-0,004141	0	0,001712	0
28	AVVLM71	LinStatic	0,02048	0	-0,007329	0	0,003062	0
28	SW2	LinStatic	3,475E-07	0	-0,010508	0	0,000293	0
28	STSW2	LinStatic	0,039479	0	-0,007059	0	0,002918	0
28	FRENSW2	LinStatic	0,02172	0	-0,007773	0	0,003247	0
28	SERP	LinStatic	0	0	0	0	0	0
28	INCRTER	LinStatic	0,147289	0	-0,026335	0	0,010888	0
28	LM71SISO	LinStatic	0,00758	0	-0,002713	0	0,001133	0
28	SW2SISO	LinStatic	0,00642	0	-0,002298	0	0,00096	0
28	SISMAO	LinStatic	0,04908	0	-0,012672	0	0,005301	0
28	LM71SVA	LinStatic	-1,275E-08	0	0,000386	0	-1,1E-05	0
28	SW2SVA	LinStatic	-1,077E-08	0	0,000326	0	-9,09E-06	0
28	SISMAVA	LinStatic	1,973E-07	0	0,002745	0	-7E-05	0
28	LM71SVB	LinStatic	1,275E-08	0	-0,000386	0	1,1E-05	0
28	SW2SVB	LinStatic	1,077E-08	0	-0,000326	0	9,09E-06	0
28	SISMAVB	LinStatic	-1,973E-07	0	-0,002745	0	7E-05	0
29	PP	LinStatic	-1,527E-06	0	-0,019445	0	0,000381	0
29	REINTSUP	LinStatic	1,753E-08	0	-0,000483	0	1,4E-05	0
29	BALLAST	LinStatic	1,052E-07	0	-0,002899	0	8,6E-05	0
29	STERRASX	LinStatic	0,114807	0	-0,0167	0	0,006245	0
29	STERRADX	LinStatic	-0,114835	0	0,016735	0	-0,006514	0
29	TERMP	LinStatic	1,413E-07	0	-1,143E-06	0	8,663E-06	0
29	TERMN	LinStatic	-4,238E-07	0	3,43E-06	0	-2,6E-05	0
29	GRADTP	LinStatic	-7,106E-07	0	2,126E-06	0	-1,6E-05	0
29	GRADTN	LinStatic	7,106E-07	0	-2,126E-06	0	1,6E-05	0
29	LM71C	LinStatic	6,166E-07	0	-0,010752	0	0,000323	0
29	LM71SX	LinStatic	5,055E-07	0	-0,008448	0	-0,000539	0
29	LM71DX	LinStatic	5,055E-07	0	-0,013055	0	0,00118	0
29	STLM71	LinStatic	0,023157	0	-0,004583	0	0,001722	0
29	AVVLM71	LinStatic	0,02048	0	-0,008121	0	0,003082	0
29	SW2	LinStatic	3,841E-07	0	-0,010589	0	0,000313	0
29	STSW2	LinStatic	0,039479	0	-0,007813	0	0,002936	0
29	FRENSW2	LinStatic	0,02172	0	-0,008613	0	0,003268	0
29	SERP	LinStatic	0	0	0	0	0	0
29	INCRTER	LinStatic	0,147289	0	-0,029149	0	0,010955	0
29	LM71SISO	LinStatic	0,00758	0	-0,003006	0	0,001141	0
29	SW2SISO	LinStatic	0,00642	0	-0,002546	0	0,000966	0
29	SISMAO	LinStatic	0,04908	0	-0,014043	0	0,005337	0
29	LM71SVA	LinStatic	-1,41E-08	0	0,000389	0	-1,1E-05	0
29	SW2SVA	LinStatic	-1,19E-08	0	0,000328	0	-9,704E-06	0
29	SISMAVA	LinStatic	2,181E-07	0	0,002765	0	-7,5E-05	0
29	LM71SVB	LinStatic	1,41E-08	0	-0,000389	0	1,1E-05	0
29	SW2SVB	LinStatic	1,19E-08	0	-0,000328	0	9,704E-06	0
29	SISMAVB	LinStatic	-2,181E-07	0	-0,002765	0	7,5E-05	0
30	PP	LinStatic	-1,673E-06	0	-0,01955	0	0,000399	0
30	REINTSUP	LinStatic	1,92E-08	0	-0,000487	0	1,5E-05	0
30	BALLAST	LinStatic	1,152E-07	0	-0,002923	0	9E-05	0
30	STERRASX	LinStatic	0,114807	0	-0,018314	0	0,006285	0
30	STERRADX	LinStatic	-0,114837	0	0,018422	0	-0,00658	0
30	TERMP	LinStatic	1,547E-07	0	-3,485E-06	0	9,498E-06	0
30	TERMN	LinStatic	-4,642E-07	0	1E-05	0	-2,8E-05	0
30	GRADTP	LinStatic	-7,783E-07	0	6,479E-06	0	-1,8E-05	0
30	GRADTN	LinStatic	7,783E-07	0	-6,479E-06	0	1,8E-05	0
30	LM71C	LinStatic	6,754E-07	0	-0,010841	0	0,00034	0
30	LM71SX	LinStatic	5,537E-07	0	-0,008314	0	-0,000524	0
30	LM71DX	LinStatic	5,537E-07	0	-0,013365	0	0,001199	0
30	STLM71	LinStatic	0,023157	0	-0,005028	0	0,001734	0
30	AVVLM71	LinStatic	0,02048	0	-0,008918	0	0,003103	0
30	SW2	LinStatic	4,207E-07	0	-0,010675	0	0,00033	0
30	STSW2	LinStatic	0,039479	0	-0,008572	0	0,002956	0
30	FRENSW2	LinStatic	0,02172	0	-0,009458	0	0,003291	0
30	SERP	LinStatic	0	0	0	0	0	0
30	INCRTER	LinStatic	0,147289	0	-0,031981	0	0,011027	0
30	LM71SISO	LinStatic	0,00758	0	-0,003301	0	0,001148	0
30	SW2SISO	LinStatic	0,00642	0	-0,002796	0	0,000973	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
30	SISMAO	LinStatic	0,049081	0	-0,015423	0	0,005376	0
30	LM71SVA	LinStatic	-1,544E-08	0	0,000392	0	-1,2E-05	0
30	SW2SVA	LinStatic	-1,304E-08	0	0,000331	0	-1E-05	0
30	SISMAVA	LinStatic	2,389E-07	0	0,002786	0	-7,8E-05	0
30	LM71SVB	LinStatic	1,544E-08	0	-0,000392	0	1,2E-05	0
30	SW2SVB	LinStatic	1,304E-08	0	-0,000331	0	1E-05	0
30	SISMAVB	LinStatic	-2,389E-07	0	-0,002786	0	7,8E-05	0
31	PP	LinStatic	-1,818E-06	0	-0,019659	0	0,000412	0
31	REINTSUP	LinStatic	2,087E-08	0	-0,000491	0	1,6E-05	0
31	BALLAST	LinStatic	1,252E-07	0	-0,002948	0	9,4E-05	0
31	STERRASX	LinStatic	0,114808	0	-0,019939	0	0,006327	0
31	STERRADX	LinStatic	-0,11484	0	0,020127	0	-0,006648	0
31	TERMP	LinStatic	1,682E-07	0	-6,042E-06	0	1E-05	0
31	TERMN	LinStatic	-5,046E-07	0	1,8E-05	0	-3,1E-05	0
31	GRADTP	LinStatic	-8,459E-07	0	1,1E-05	0	-1,9E-05	0
31	GRADTN	LinStatic	8,459E-07	0	-1,1E-05	0	1,9E-05	0
31	LM71C	LinStatic	7,341E-07	0	-0,010934	0	0,000354	0
31	LM71SX	LinStatic	6,018E-07	0	-0,008184	0	-0,000512	0
31	LM71DX	LinStatic	6,018E-07	0	-0,01368	0	0,001214	0
31	STLM71	LinStatic	0,023157	0	-0,005477	0	0,001746	0
31	AVVLM71	LinStatic	0,020481	0	-0,009721	0	0,003124	0
31	SW2	LinStatic	4,572E-07	0	-0,010766	0	0,000342	0
31	STSW2	LinStatic	0,039479	0	-0,009337	0	0,002976	0
31	FRENSW2	LinStatic	0,021721	0	-0,010309	0	0,003314	0
31	SERP	LinStatic	0	0	0	0	0	0
31	INCRTER	LinStatic	0,14729	0	-0,034833	0	0,011103	0
31	LM71SISO	LinStatic	0,00758	0	-0,003598	0	0,001156	0
31	SW2SISO	LinStatic	0,00642	0	-0,003047	0	0,000979	0
31	SISMAO	LinStatic	0,049081	0	-0,016814	0	0,005416	0
31	LM71SVA	LinStatic	-1,678E-08	0	0,000395	0	-1,3E-05	0
31	SW2SVA	LinStatic	-1,417E-08	0	0,000334	0	-1,1E-05	0
31	SISMAVA	LinStatic	2,597E-07	0	0,002807	0	-8,1E-05	0
31	LM71SVB	LinStatic	1,678E-08	0	-0,000395	0	1,3E-05	0
31	SW2SVB	LinStatic	1,417E-08	0	-0,000334	0	1,1E-05	0
31	SISMAVB	LinStatic	-2,597E-07	0	-0,002807	0	8,1E-05	0
32	PP	LinStatic	-1,964E-06	0	-0,019772	0	0,000419	0
32	REINTSUP	LinStatic	2,254E-08	0	-0,000496	0	1,6E-05	0
32	BALLAST	LinStatic	1,352E-07	0	-0,002973	0	9,6E-05	0
32	STERRASX	LinStatic	0,114808	0	-0,021576	0	0,006372	0
32	STERRADX	LinStatic	-0,114842	0	0,02185	0	-0,006718	0
32	TERMP	LinStatic	1,816E-07	0	-8,816E-06	0	1,1E-05	0
32	TERMN	LinStatic	-5,449E-07	0	2,6E-05	0	-3,4E-05	0
32	GRADTP	LinStatic	-9,136E-07	0	1,6E-05	0	-2,1E-05	0
32	GRADTN	LinStatic	9,136E-07	0	-1,6E-05	0	2,1E-05	0
32	LM71C	LinStatic	7,928E-07	0	-0,01103	0	0,000363	0
32	LM71SX	LinStatic	6,5E-07	0	-0,008056	0	-0,000505	0
32	LM71DX	LinStatic	6,5E-07	0	-0,013999	0	0,001225	0
32	STLM71	LinStatic	0,023157	0	-0,005928	0	0,001758	0
32	AVVLM71	LinStatic	0,020481	0	-0,01053	0	0,003147	0
32	SW2	LinStatic	4,938E-07	0	-0,010859	0	0,000351	0
32	STSW2	LinStatic	0,039479	0	-0,010107	0	0,002997	0
32	FRENSW2	LinStatic	0,021721	0	-0,011167	0	0,003337	0
32	SERP	LinStatic	0	0	0	0	0	0
32	INCRTER	LinStatic	0,14729	0	-0,037707	0	0,011182	0
32	LM71SISO	LinStatic	0,00758	0	-0,003897	0	0,001165	0
32	SW2SISO	LinStatic	0,00642	0	-0,003301	0	0,000986	0
32	SISMAO	LinStatic	0,049082	0	-0,018217	0	0,005457	0
32	LM71SVA	LinStatic	-1,812E-08	0	0,000399	0	-1,3E-05	0
32	SW2SVA	LinStatic	-1,531E-08	0	0,000337	0	-1,1E-05	0
32	SISMAVA	LinStatic	2,804E-07	0	0,002829	0	-8,2E-05	0
32	LM71SVB	LinStatic	1,812E-08	0	-0,000399	0	1,3E-05	0
32	SW2SVB	LinStatic	1,531E-08	0	-0,000337	0	1,1E-05	0
32	SISMAVB	LinStatic	-2,804E-07	0	-0,002829	0	8,2E-05	0
33	PP	LinStatic	-2,109E-06	0	-0,019886	0	0,000421	0
33	REINTSUP	LinStatic	2,421E-08	0	-0,0005	0	1,6E-05	0
33	BALLAST	LinStatic	1,452E-07	0	-0,003	0	9,7E-05	0
33	STERRASX	LinStatic	0,114808	0	-0,023226	0	0,006417	0
33	STERRADX	LinStatic	-0,114845	0	0,023592	0	-0,00679	0
33	TERMP	LinStatic	1,951E-07	0	-1,2E-05	0	1,2E-05	0
33	TERMN	LinStatic	-5,853E-07	0	3,5E-05	0	-3,6E-05	0
33	GRADTP	LinStatic	-9,813E-07	0	2,2E-05	0	-2,2E-05	0
33	GRADTN	LinStatic	9,813E-07	0	-2,2E-05	0	2,2E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
33	LM71C	LinStatic	8,515E-07	0	-0,011129	0	0,000368	0
33	LM71SX	LinStatic	6,981E-07	0	-0,007931	0	-0,000501	0
33	LM71DX	LinStatic	6,981E-07	0	-0,014321	0	0,001231	0
33	STLM71	LinStatic	0,023157	0	-0,006383	0	0,001771	0
33	AVVLM71	LinStatic	0,020481	0	-0,011345	0	0,003169	0
33	SW2	LinStatic	5,304E-07	0	-0,010955	0	0,000356	0
33	STSW2	LinStatic	0,039479	0	-0,010883	0	0,003019	0
33	FRENSW2	LinStatic	0,021721	0	-0,012031	0	0,003361	0
33	SERP	LinStatic	0	0	0	0	0	0
33	INCRTER	LinStatic	0,147291	0	-0,040602	0	0,011263	0
33	LM71SISO	LinStatic	0,00758	0	-0,004199	0	0,001173	0
33	SW2SISO	LinStatic	0,00642	0	-0,003556	0	0,000993	0
33	SISMAO	LinStatic	0,049083	0	-0,01963	0	0,005499	0
33	LM71SVA	LinStatic	-1,947E-08	0	0,000402	0	-1,3E-05	0
33	SW2SVA	LinStatic	-1,644E-08	0	0,00034	0	-1,1E-05	0
33	SISMAVA	LinStatic	3,012E-07	0	0,002852	0	-8,3E-05	0
33	LM71SVB	LinStatic	1,947E-08	0	-0,000402	0	1,3E-05	0
33	SW2SVB	LinStatic	1,644E-08	0	-0,00034	0	1,1E-05	0
33	SISMAVB	LinStatic	-3,012E-07	0	-0,002852	0	8,3E-05	0
34	PP	LinStatic	-2,255E-06	0	-0,020001	0	0,000416	0
34	REINTSUP	LinStatic	2,588E-08	0	-0,000504	0	1,6E-05	0
34	BALLAST	LinStatic	1,553E-07	0	-0,003026	0	9,7E-05	0
34	STERRASX	LinStatic	0,114809	0	-0,024887	0	0,006463	0
34	STERRADX	LinStatic	-0,114848	0	0,025353	0	-0,006862	0
34	TERMP	LinStatic	2,086E-07	0	-1,5E-05	0	1,3E-05	0
34	TERMN	LinStatic	-6,257E-07	0	4,5E-05	0	-3,9E-05	0
34	GRADTP	LinStatic	-1,049E-06	0	2,8E-05	0	-2,4E-05	0
34	GRADTN	LinStatic	1,049E-06	0	-2,8E-05	0	2,4E-05	0
34	LM71C	LinStatic	9,103E-07	0	-0,011229	0	0,000369	0
34	LM71SX	LinStatic	7,463E-07	0	-0,007806	0	-0,000502	0
34	LM71DX	LinStatic	7,463E-07	0	-0,014643	0	0,001232	0
34	STLM71	LinStatic	0,023157	0	-0,006842	0	0,001784	0
34	AVVLM71	LinStatic	0,020481	0	-0,012166	0	0,003191	0
34	SW2	LinStatic	5,67E-07	0	-0,011051	0	0,000356	0
34	STSW2	LinStatic	0,039479	0	-0,011665	0	0,003041	0
34	FRENSW2	LinStatic	0,021722	0	-0,012902	0	0,003384	0
34	SERP	LinStatic	0	0	0	0	0	0
34	INCRTER	LinStatic	0,147292	0	-0,043519	0	0,011345	0
34	LM71SISO	LinStatic	0,007581	0	-0,004503	0	0,001181	0
34	SW2SISO	LinStatic	0,00642	0	-0,003814	0	0,001	0
34	SISMAO	LinStatic	0,049083	0	-0,021055	0	0,00554	0
34	LM71SVA	LinStatic	-2,081E-08	0	0,000406	0	-1,3E-05	0
34	SW2SVA	LinStatic	-1,757E-08	0	0,000343	0	-1,1E-05	0
34	SISMAVA	LinStatic	3,22E-07	0	0,002874	0	-8,2E-05	0
34	LM71SVB	LinStatic	2,081E-08	0	-0,000406	0	1,3E-05	0
34	SW2SVB	LinStatic	1,757E-08	0	-0,000343	0	1,1E-05	0
34	SISMAVB	LinStatic	-3,22E-07	0	-0,002874	0	8,2E-05	0
35	PP	LinStatic	-2,382E-06	0	-0,020099	0	0,000406	0
35	REINTSUP	LinStatic	2,733E-08	0	-0,000508	0	1,6E-05	0
35	BALLAST	LinStatic	1,64E-07	0	-0,003049	0	9,6E-05	0
35	STERRASX	LinStatic	0,114809	0	-0,026347	0	0,006503	0
35	STERRADX	LinStatic	-0,114851	0	0,026904	0	-0,006925	0
35	TERMP	LinStatic	2,203E-07	0	-1,8E-05	0	1,4E-05	0
35	TERMN	LinStatic	-6,609E-07	0	5,4E-05	0	-4,1E-05	0
35	GRADTP	LinStatic	-1,108E-06	0	3,3E-05	0	-2,5E-05	0
35	GRADTN	LinStatic	1,108E-06	0	-3,3E-05	0	2,5E-05	0
35	LM71C	LinStatic	9,615E-07	0	-0,011316	0	0,000365	0
35	LM71SX	LinStatic	7,882E-07	0	-0,007696	0	-0,000506	0
35	LM71DX	LinStatic	7,882E-07	0	-0,014925	0	0,001228	0
35	STLM71	LinStatic	0,023158	0	-0,007245	0	0,001795	0
35	AVVLM71	LinStatic	0,020482	0	-0,012886	0	0,00321	0
35	SW2	LinStatic	5,989E-07	0	-0,011135	0	0,000351	0
35	STSW2	LinStatic	0,03948	0	-0,012351	0	0,00306	0
35	FRENSW2	LinStatic	0,021722	0	-0,013667	0	0,003405	0
35	SERP	LinStatic	0	0	0	0	0	0
35	INCRTER	LinStatic	0,147293	0	-0,04608	0	0,011415	0
35	LM71SISO	LinStatic	0,007581	0	-0,004769	0	0,001188	0
35	SW2SISO	LinStatic	0,006421	0	-0,00404	0	0,001006	0
35	SISMAO	LinStatic	0,049084	0	-0,022306	0	0,005576	0
35	LM71SVA	LinStatic	-2,198E-08	0	0,000409	0	-1,3E-05	0
35	SW2SVA	LinStatic	-1,856E-08	0	0,000345	0	-1,1E-05	0
35	SISMAVA	LinStatic	3,401E-07	0	0,002893	0	-8E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
35	LM71SVB	LinStatic	2,198E-08	0	-0,000409	0	1,3E-05	0
35	SW2SVB	LinStatic	1,856E-08	0	-0,000345	0	1,1E-05	0
35	SISMAVB	LinStatic	-3,401E-07	0	-0,002893	0	8E-05	0
36	PP	LinStatic	-2,508E-06	0	-0,020195	0	0,000391	0
36	REINTSUP	LinStatic	2,879E-08	0	-0,000512	0	1,6E-05	0
36	BALLAST	LinStatic	1,727E-07	0	-0,003072	0	9,4E-05	0
36	STERRASX	LinStatic	0,11481	0	-0,027815	0	0,006542	0
36	STERRADX	LinStatic	-0,114854	0	0,02847	0	-0,006987	0
36	TERMP	LinStatic	2,32E-07	0	-2,1E-05	0	1,4E-05	0
36	TERMN	LinStatic	-6,961E-07	0	6,3E-05	0	-4,3E-05	0
36	GRADTP	LinStatic	-1,167E-06	0	3,9E-05	0	-2,7E-05	0
36	GRADTN	LinStatic	1,167E-06	0	-3,9E-05	0	2,7E-05	0
36	LM71C	LinStatic	1,013E-06	0	-0,011401	0	0,000357	0
36	LM71SX	LinStatic	8,302E-07	0	-0,007585	0	-0,000514	0
36	LM71DX	LinStatic	8,302E-07	0	-0,015205	0	0,001219	0
36	STLM71	LinStatic	0,023158	0	-0,00765	0	0,001806	0
36	AVVLM71	LinStatic	0,020482	0	-0,013612	0	0,003229	0
36	SW2	LinStatic	6,308E-07	0	-0,011217	0	0,000343	0
36	STSW2	LinStatic	0,03948	0	-0,013042	0	0,003078	0
36	FRENSW2	LinStatic	0,021722	0	-0,014436	0	0,003424	0
36	SERP	LinStatic	0	0	0	0	0	0
36	INCRTER	LinStatic	0,147294	0	-0,048659	0	0,011484	0
36	LM71SISO	LinStatic	0,007581	0	-0,005038	0	0,001195	0
36	SW2SISO	LinStatic	0,006421	0	-0,004267	0	0,001012	0
36	SISMAO	LinStatic	0,049085	0	-0,023566	0	0,005611	0
36	LM71SVA	LinStatic	-2,315E-08	0	0,000412	0	-1,3E-05	0
36	SW2SVA	LinStatic	-1,955E-08	0	0,000348	0	-1,1E-05	0
36	SISMAVA	LinStatic	3,582E-07	0	0,002912	0	-7,8E-05	0
36	LM71SVB	LinStatic	2,315E-08	0	-0,000412	0	1,3E-05	0
36	SW2SVB	LinStatic	1,955E-08	0	-0,000348	0	1,1E-05	0
36	SISMAVB	LinStatic	-3,582E-07	0	-0,002912	0	7,8E-05	0
37	PP	LinStatic	-9,1E-05	0	-0,020198	0	-0,000364	0
37	REINTSUP	LinStatic	-3,859E-06	0	-0,000512	0	-1,5E-05	0
37	BALLAST	LinStatic	-2,3E-05	0	-0,003072	0	-9E-05	0
37	STERRASX	LinStatic	0,116622	0	0,028471	0	0,007074	0
37	STERRADX	LinStatic	-0,116455	0	-0,027816	0	-0,0066	0
37	TERMP	LinStatic	-3,994E-06	0	-2,1E-05	0	-1,5E-05	0
37	TERMN	LinStatic	1,2E-05	0	6,3E-05	0	4,6E-05	0
37	GRADTP	LinStatic	8,287E-06	0	3,9E-05	0	2,9E-05	0
37	GRADTN	LinStatic	-8,287E-06	0	-3,9E-05	0	-2,9E-05	0
37	LM71C	LinStatic	-8,8E-05	0	-0,011403	0	-0,000341	0
37	LM71SX	LinStatic	-0,000304	0	-0,015208	0	-0,001203	0
37	LM71DX	LinStatic	0,000129	0	-0,007587	0	0,000529	0
37	STLM71	LinStatic	0,023642	0	0,007773	0	0,00191	0
37	AVVLM71	LinStatic	0,021294	0	0,013612	0	0,003255	0
37	SW2	LinStatic	-8,5E-05	0	-0,011219	0	-0,000327	0
37	STSW2	LinStatic	0,040305	0	0,013252	0	0,003257	0
37	FRENSW2	LinStatic	0,022583	0	0,014436	0	0,003453	0
37	SERP	LinStatic	0	0	0	0	0	0
37	INCRTER	LinStatic	0,150371	0	0,04944	0	0,012151	0
37	LM71SISO	LinStatic	0,007881	0	0,005038	0	0,001205	0
37	SW2SISO	LinStatic	0,006675	0	0,004267	0	0,00102	0
37	SISMAO	LinStatic	0,050497	0	0,023567	0	0,005662	0
37	LM71SVA	LinStatic	3,103E-06	0	0,000412	0	1,2E-05	0
37	SW2SVA	LinStatic	2,621E-06	0	0,000348	0	1E-05	0
37	SISMAVA	LinStatic	1,8E-05	0	0,002913	0	7,3E-05	0
37	LM71SVB	LinStatic	-3,103E-06	0	-0,000412	0	-1,2E-05	0
37	SW2SVB	LinStatic	-2,621E-06	0	-0,000348	0	-1E-05	0
37	SISMAVB	LinStatic	-1,8E-05	0	-0,002913	0	-7,3E-05	0
38	PP	LinStatic	9,1E-05	0	-0,020198	0	0,000364	0
38	REINTSUP	LinStatic	3,859E-06	0	-0,000512	0	1,5E-05	0
38	BALLAST	LinStatic	2,3E-05	0	-0,003072	0	9E-05	0
38	STERRASX	LinStatic	0,116455	0	-0,027816	0	0,0066	0
38	STERRADX	LinStatic	-0,116622	0	0,028471	0	-0,007074	0
38	TERMP	LinStatic	3,994E-06	0	-2,1E-05	0	1,5E-05	0
38	TERMN	LinStatic	-1,2E-05	0	6,3E-05	0	-4,6E-05	0
38	GRADTP	LinStatic	-8,287E-06	0	3,9E-05	0	-2,9E-05	0
38	GRADTN	LinStatic	8,287E-06	0	-3,9E-05	0	2,9E-05	0
38	LM71C	LinStatic	8,8E-05	0	-0,011403	0	0,000341	0
38	LM71SX	LinStatic	-0,000129	0	-0,007587	0	-0,000529	0
38	LM71DX	LinStatic	0,000304	0	-0,015208	0	0,001203	0
38	STLM71	LinStatic	0,023612	0	-0,00765	0	0,001821	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
38	AVVLM71	LinStatic	0,021294	0	-0,013612	0	0,003255	0
38	SW2	LinStatic	8,5E-05	0	-0,011219	0	0,000327	0
38	STSW2	LinStatic	0,040254	0	-0,013042	0	0,003105	0
38	FRENSW2	LinStatic	0,022583	0	-0,014436	0	0,003453	0
38	SERP	LinStatic	0	0	0	0	0	0
38	INCRTER	LinStatic	0,150182	0	-0,04866	0	0,011585	0
38	LM71SISO	LinStatic	0,007881	0	-0,005038	0	0,001205	0
38	SW2SISO	LinStatic	0,006675	0	-0,004267	0	0,00102	0
38	SISMAO	LinStatic	0,050497	0	-0,023567	0	0,005662	0
38	LM71SVA	LinStatic	-3,103E-06	0	0,000412	0	-1,2E-05	0
38	SW2SVA	LinStatic	-2,621E-06	0	0,000348	0	-1E-05	0
38	SISMAVA	LinStatic	-1,8E-05	0	0,002913	0	-7,3E-05	0
38	LM71SVB	LinStatic	3,103E-06	0	-0,000412	0	1,2E-05	0
38	SW2SVB	LinStatic	2,621E-06	0	-0,000348	0	1E-05	0
38	SISMAVB	LinStatic	1,8E-05	0	-0,002913	0	7,3E-05	0
39	PP	LinStatic	-0,000179	0	-0,0202	0	-0,000337	0
39	REINTSUP	LinStatic	-7,508E-06	0	-0,000512	0	-1,4E-05	0
39	BALLAST	LinStatic	-4,5E-05	0	-0,003073	0	-8,5E-05	0
39	STERRASX	LinStatic	0,118409	0	0,028472	0	0,00715	0
39	STERRADX	LinStatic	-0,118114	0	-0,027816	0	-0,006655	0
39	TERMP	LinStatic	-8,024E-06	0	-2,1E-05	0	-1,6E-05	0
39	TERMN	LinStatic	2,4E-05	0	6,3E-05	0	4,9E-05	0
39	GRADTP	LinStatic	1,6E-05	0	3,9E-05	0	3E-05	0
39	GRADTN	LinStatic	-1,6E-05	0	-3,9E-05	0	-3E-05	0
39	LM71C	LinStatic	-0,000172	0	-0,011405	0	-0,000326	0
39	LM71SX	LinStatic	-0,000603	0	-0,01521	0	-0,001187	0
39	LM71DX	LinStatic	0,000263	0	-0,007589	0	0,000545	0
39	STLM71	LinStatic	0,024123	0	0,007773	0	0,00193	0
39	AVVLM71	LinStatic	0,022112	0	0,013612	0	0,003281	0
39	SW2	LinStatic	-0,000165	0	-0,011221	0	-0,000311	0
39	STSW2	LinStatic	0,041126	0	0,013252	0	0,00329	0
39	FRENSW2	LinStatic	0,023451	0	0,014437	0	0,003479	0
39	SERP	LinStatic	0	0	0	0	0	0
39	INCRTER	LinStatic	0,153436	0	0,049441	0	0,012274	0
39	LM71SISO	LinStatic	0,008184	0	0,005038	0	0,001214	0
39	SW2SISO	LinStatic	0,006932	0	0,004267	0	0,001028	0
39	SISMAO	LinStatic	0,051921	0	0,023567	0	0,005709	0
39	LM71SVA	LinStatic	6,037E-06	0	0,000412	0	1,1E-05	0
39	SW2SVA	LinStatic	5,099E-06	0	0,000348	0	9,651E-06	0
39	SISMAVA	LinStatic	3,6E-05	0	0,002913	0	6,8E-05	0
39	LM71SVB	LinStatic	-6,037E-06	0	-0,000412	0	-1,1E-05	0
39	SW2SVB	LinStatic	-5,099E-06	0	-0,000348	0	-9,651E-06	0
39	SISMAVB	LinStatic	-3,6E-05	0	-0,002913	0	-6,8E-05	0
40	PP	LinStatic	0,000179	0	-0,0202	0	0,000337	0
40	REINTSUP	LinStatic	7,508E-06	0	-0,000512	0	1,4E-05	0
40	BALLAST	LinStatic	4,5E-05	0	-0,003073	0	8,5E-05	0
40	STERRASX	LinStatic	0,118114	0	-0,027816	0	0,006655	0
40	STERRADX	LinStatic	-0,118409	0	0,028472	0	-0,00715	0
40	TERMP	LinStatic	8,024E-06	0	-2,1E-05	0	1,6E-05	0
40	TERMN	LinStatic	-2,4E-05	0	6,3E-05	0	-4,9E-05	0
40	GRADTP	LinStatic	-1,6E-05	0	3,9E-05	0	-3E-05	0
40	GRADTN	LinStatic	1,6E-05	0	-3,9E-05	0	3E-05	0
40	LM71C	LinStatic	0,000172	0	-0,011405	0	0,000326	0
40	LM71SX	LinStatic	-0,000263	0	-0,007589	0	-0,000545	0
40	LM71DX	LinStatic	0,000603	0	-0,01521	0	0,001187	0
40	STLM71	LinStatic	0,02407	0	-0,007651	0	0,001837	0
40	AVVLM71	LinStatic	0,022112	0	-0,013612	0	0,003281	0
40	SW2	LinStatic	0,000165	0	-0,011221	0	0,000311	0
40	STSW2	LinStatic	0,041035	0	-0,013043	0	0,003131	0
40	FRENSW2	LinStatic	0,023451	0	-0,014437	0	0,003479	0
40	SERP	LinStatic	0	0	0	0	0	0
40	INCRTER	LinStatic	0,153094	0	-0,048661	0	0,011682	0
40	LM71SISO	LinStatic	0,008184	0	-0,005038	0	0,001214	0
40	SW2SISO	LinStatic	0,006932	0	-0,004267	0	0,001028	0
40	SISMAO	LinStatic	0,051921	0	-0,023567	0	0,005709	0
40	LM71SVA	LinStatic	-6,037E-06	0	0,000412	0	-1,1E-05	0
40	SW2SVA	LinStatic	-5,099E-06	0	0,000348	0	-9,651E-06	0
40	SISMAVA	LinStatic	-3,6E-05	0	0,002913	0	-6,8E-05	0
40	LM71SVB	LinStatic	6,037E-06	0	-0,000412	0	1,1E-05	0
40	SW2SVB	LinStatic	5,099E-06	0	-0,000348	0	9,651E-06	0
40	SISMAVB	LinStatic	3,6E-05	0	-0,002913	0	6,8E-05	0
41	PP	LinStatic	-0,000679	0	-0,020221	0	-0,000128	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
41	REINTSUP	LinStatic	-3,2E-05	0	-0,000513	0	-7,518E-06	0
41	BALLAST	LinStatic	-0,000189	0	-0,003077	0	-4,5E-05	0
41	STERRASX	LinStatic	0,134583	0	0,028476	0	0,007387	0
41	STERRADX	LinStatic	-0,133217	0	-0,027821	0	-0,007022	0
41	TERMP	LinStatic	-5,3E-05	0	-2,1E-05	0	-2,3E-05	0
41	TERMN	LinStatic	0,000159	0	6,3E-05	0	7E-05	0
41	GRADTP	LinStatic	9,2E-05	0	3,9E-05	0	3,3E-05	0
41	GRADTN	LinStatic	-9,2E-05	0	-3,9E-05	0	-3,3E-05	0
41	LM71C	LinStatic	-0,000731	0	-0,011423	0	-0,000178	0
41	LM71SX	LinStatic	-0,003048	0	-0,015229	0	-0,001033	0
41	LM71DX	LinStatic	0,001615	0	-0,007604	0	0,000688	0
41	STLM71	LinStatic	0,028499	0	0,007775	0	0,002012	0
41	AVVLM71	LinStatic	0,029538	0	0,013616	0	0,003443	0
41	SW2	LinStatic	-0,000691	0	-0,011239	0	-0,000165	0
41	STSW2	LinStatic	0,048586	0	0,013255	0	0,003431	0
41	FRENSW2	LinStatic	0,031326	0	0,01444	0	0,003652	0
41	SERP	LinStatic	0	0	0	0	0	0
41	INCRTER	LinStatic	0,181267	0	0,049451	0	0,012799	0
41	LM71SISO	LinStatic	0,010932	0	0,00504	0	0,001274	0
41	SW2SISO	LinStatic	0,009259	0	0,004268	0	0,001079	0
41	SISMAO	LinStatic	0,064853	0	0,023573	0	0,005989	0
41	LM71SVA	LinStatic	2,5E-05	0	0,000412	0	6,046E-06	0
41	SW2SVA	LinStatic	2,1E-05	0	0,000348	0	5,106E-06	0
41	SISMAVA	LinStatic	0,00014	0	0,002917	0	2,8E-05	0
41	LM71SVB	LinStatic	-2,5E-05	0	-0,000412	0	-6,046E-06	0
41	SW2SVB	LinStatic	-2,1E-05	0	-0,000348	0	-5,106E-06	0
41	SISMAVB	LinStatic	-0,00014	0	-0,002917	0	-2,8E-05	0
42	PP	LinStatic	0,000679	0	-0,020221	0	0,000128	0
42	REINTSUP	LinStatic	3,2E-05	0	-0,000513	0	7,518E-06	0
42	BALLAST	LinStatic	0,000189	0	-0,003077	0	4,5E-05	0
42	STERRASX	LinStatic	0,133217	0	-0,027821	0	0,007022	0
42	STERRADX	LinStatic	-0,134583	0	0,028476	0	-0,007387	0
42	TERMP	LinStatic	5,3E-05	0	-2,1E-05	0	2,3E-05	0
42	TERMN	LinStatic	-0,000159	0	6,3E-05	0	-7E-05	0
42	GRADTP	LinStatic	-9,2E-05	0	3,9E-05	0	-3,3E-05	0
42	GRADTN	LinStatic	9,2E-05	0	-3,9E-05	0	3,3E-05	0
42	LM71C	LinStatic	0,000731	0	-0,011423	0	0,000178	0
42	LM71SX	LinStatic	-0,001615	0	-0,007604	0	-0,000688	0
42	LM71DX	LinStatic	0,003048	0	-0,015229	0	0,001033	0
42	STLM71	LinStatic	0,028236	0	-0,007652	0	0,001936	0
42	AVVLM71	LinStatic	0,029538	0	-0,013616	0	0,003443	0
42	SW2	LinStatic	0,000691	0	-0,011239	0	0,000165	0
42	STSW2	LinStatic	0,048138	0	-0,013045	0	0,003301	0
42	FRENSW2	LinStatic	0,031326	0	-0,01444	0	0,003652	0
42	SERP	LinStatic	0	0	0	0	0	0
42	INCRTER	LinStatic	0,179595	0	-0,04867	0	0,012316	0
42	LM71SISO	LinStatic	0,010932	0	-0,00504	0	0,001274	0
42	SW2SISO	LinStatic	0,009259	0	-0,004268	0	0,001079	0
42	SISMAO	LinStatic	0,064853	0	-0,023573	0	0,005989	0
42	LM71SVA	LinStatic	-2,5E-05	0	0,000412	0	-6,046E-06	0
42	SW2SVA	LinStatic	-2,1E-05	0	0,000348	0	-5,106E-06	0
42	SISMAVA	LinStatic	-0,00014	0	0,002917	0	-2,8E-05	0
42	LM71SVB	LinStatic	2,5E-05	0	-0,000412	0	6,046E-06	0
42	SW2SVB	LinStatic	2,1E-05	0	-0,000348	0	5,106E-06	0
42	SISMAVB	LinStatic	0,00014	0	-0,002917	0	2,8E-05	0
43	PP	LinStatic	-0,000768	0	-0,020238	0	3,6E-05	0
43	REINTSUP	LinStatic	-4E-05	0	-0,000514	0	-3,101E-07	0
43	BALLAST	LinStatic	-0,000242	0	-0,003082	0	-1,86E-06	0
43	STERRASX	LinStatic	0,150646	0	0,028481	0	0,00714	0
43	STERRADX	LinStatic	-0,148892	0	-0,027826	0	-0,007175	0
43	TERMP	LinStatic	-0,000108	0	-2,1E-05	0	-2,6E-05	0
43	TERMN	LinStatic	0,000325	0	6,3E-05	0	7,8E-05	0
43	GRADTP	LinStatic	0,000151	0	3,9E-05	0	1,6E-05	0
43	GRADTN	LinStatic	-0,000151	0	-3,9E-05	0	-1,6E-05	0
43	LM71C	LinStatic	-0,000945	0	-0,01144	0	-1,2E-05	0
43	LM71SX	LinStatic	-0,00514	0	-0,015249	0	-0,000864	0
43	LM71DX	LinStatic	0,003297	0	-0,007619	0	0,000846	0
43	STLM71	LinStatic	0,032912	0	0,007776	0	0,001977	0
43	AVVLM71	LinStatic	0,037201	0	0,01362	0	0,003496	0
43	SW2	LinStatic	-0,000883	0	-0,011256	0	-6,795E-06	0
43	STSW2	LinStatic	0,056109	0	0,013257	0	0,003371	0
43	FRENSW2	LinStatic	0,039453	0	0,014444	0	0,003708	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
43	SERP	LinStatic	0	0	0	0	0	0
43	INCRTER	LinStatic	0,209334	0	0,04946	0	0,012575	0
43	LM71SISO	LinStatic	0,013769	0	0,005041	0	0,001294	0
43	SW2SISO	LinStatic	0,011662	0	0,004269	0	0,001096	0
43	SISMAO	LinStatic	0,078149	0	0,023579	0	0,006048	0
43	LM71SVA	LinStatic	3,2E-05	0	0,000413	0	2,494E-07	0
43	SW2SVA	LinStatic	2,7E-05	0	0,000349	0	2,106E-07	0
43	SISMAVA	LinStatic	0,000163	0	0,002921	0	-5,256E-06	0
43	LM71SVB	LinStatic	-3,2E-05	0	-0,000413	0	-2,494E-07	0
43	SW2SVB	LinStatic	-2,7E-05	0	-0,000349	0	-2,106E-07	0
43	SISMAVB	LinStatic	-0,000163	0	-0,002921	0	5,256E-06	0
44	PP	LinStatic	0,000768	0	-0,020238	0	-3,6E-05	0
44	REINTSUP	LinStatic	4E-05	0	-0,000514	0	3,101E-07	0
44	BALLAST	LinStatic	0,000242	0	-0,003082	0	1,86E-06	0
44	STERRASX	LinStatic	0,148892	0	-0,027826	0	0,007175	0
44	STERRADX	LinStatic	-0,150646	0	0,028481	0	-0,00714	0
44	TERMP	LinStatic	0,000108	0	-2,1E-05	0	2,6E-05	0
44	TERMN	LinStatic	-0,000325	0	6,3E-05	0	-7,8E-05	0
44	GRADTP	LinStatic	-0,000151	0	3,9E-05	0	-1,6E-05	0
44	GRADTN	LinStatic	0,000151	0	-3,9E-05	0	1,6E-05	0
44	LM71C	LinStatic	0,000945	0	-0,01144	0	1,2E-05	0
44	LM71SX	LinStatic	-0,003297	0	-0,007619	0	-0,000846	0
44	LM71DX	LinStatic	0,00514	0	-0,015249	0	0,000864	0
44	STLM71	LinStatic	0,032556	0	-0,007654	0	0,001976	0
44	AVVLM71	LinStatic	0,037201	0	-0,01362	0	0,003496	0
44	SW2	LinStatic	0,000883	0	-0,011256	0	6,795E-06	0
44	STSW2	LinStatic	0,055502	0	-0,013048	0	0,003369	0
44	FRENSW2	LinStatic	0,039453	0	-0,014444	0	0,003708	0
44	SERP	LinStatic	0	0	0	0	0	0
44	INCRTER	LinStatic	0,207072	0	-0,04868	0	0,012568	0
44	LM71SISO	LinStatic	0,013769	0	-0,005041	0	0,001294	0
44	SW2SISO	LinStatic	0,011662	0	-0,004269	0	0,001096	0
44	SISMAO	LinStatic	0,078149	0	-0,023579	0	0,006048	0
44	LM71SVA	LinStatic	-3,2E-05	0	0,000413	0	-2,494E-07	0
44	SW2SVA	LinStatic	-2,7E-05	0	0,000349	0	-2,106E-07	0
44	SISMAVA	LinStatic	-0,000163	0	0,002921	0	5,256E-06	0
44	LM71SVB	LinStatic	3,2E-05	0	-0,000413	0	2,494E-07	0
44	SW2SVB	LinStatic	2,7E-05	0	-0,000349	0	2,106E-07	0
44	SISMAVB	LinStatic	0,000163	0	-0,002921	0	-5,256E-06	0
45	PP	LinStatic	-0,000545	0	-0,020252	0	0,000155	0
45	REINTSUP	LinStatic	-3,3E-05	0	-0,000514	0	7,413E-06	0
45	BALLAST	LinStatic	-0,000196	0	-0,003087	0	4,4E-05	0
45	STERRASX	LinStatic	0,165914	0	0,028486	0	0,006733	0
45	STERRADX	LinStatic	-0,164669	0	-0,027831	0	-0,007115	0
45	TERMP	LinStatic	-0,000165	0	-2,1E-05	0	-2,5E-05	0
45	TERMN	LinStatic	0,000495	0	6,3E-05	0	7,4E-05	0
45	GRADTP	LinStatic	0,000149	0	3,9E-05	0	-2,3E-05	0
45	GRADTN	LinStatic	-0,000149	0	-3,9E-05	0	2,3E-05	0
45	LM71C	LinStatic	-0,000773	0	-0,011458	0	0,000172	0
45	LM71SX	LinStatic	-0,006844	0	-0,015268	0	-0,000681	0
45	LM71DX	LinStatic	0,005344	0	-0,007635	0	0,001018	0
45	STLM71	LinStatic	0,037163	0	0,007778	0	0,00188	0
45	AVVLM71	LinStatic	0,044861	0	0,013623	0	0,003441	0
45	SW2	LinStatic	-0,000715	0	-0,011273	0	0,000162	0
45	STSW2	LinStatic	0,063357	0	0,01326	0	0,003204	0
45	FRENSW2	LinStatic	0,047578	0	0,014448	0	0,003649	0
45	SERP	LinStatic	0	0	0	0	0	0
45	INCRTER	LinStatic	0,236376	0	0,04947	0	0,011955	0
45	LM71SISO	LinStatic	0,016604	0	0,005042	0	0,001274	0
45	SW2SISO	LinStatic	0,014063	0	0,004271	0	0,001079	0
45	SISMAO	LinStatic	0,09136	0	0,023584	0	0,00592	0
45	LM71SVA	LinStatic	2,6E-05	0	0,000414	0	-5,961E-06	0
45	SW2SVA	LinStatic	2,2E-05	0	0,000349	0	-5,035E-06	0
45	SISMAVA	LinStatic	0,00012	0	0,002924	0	-3,2E-05	0
45	LM71SVB	LinStatic	-2,6E-05	0	-0,000414	0	5,961E-06	0
45	SW2SVB	LinStatic	-2,2E-05	0	-0,000349	0	5,035E-06	0
45	SISMAVB	LinStatic	-0,00012	0	-0,002924	0	3,2E-05	0
46	PP	LinStatic	0,000545	0	-0,020252	0	-0,000155	0
46	REINTSUP	LinStatic	3,3E-05	0	-0,000514	0	-7,413E-06	0
46	BALLAST	LinStatic	0,000196	0	-0,003087	0	-4,4E-05	0
46	STERRASX	LinStatic	0,164669	0	-0,027831	0	0,007115	0
46	STERRADX	LinStatic	-0,165914	0	0,028486	0	-0,006733	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
46	TERMP	LinStatic	0,000165	0	-2,1E-05	0	2,5E-05	0
46	TERMN	LinStatic	-0,000495	0	6,3E-05	0	-7,4E-05	0
46	GRADTP	LinStatic	-0,000149	0	3,9E-05	0	2,3E-05	0
46	GRADTN	LinStatic	0,000149	0	-3,9E-05	0	-2,3E-05	0
46	LM71C	LinStatic	0,000773	0	-0,011458	0	-0,000172	0
46	LM71SX	LinStatic	-0,005344	0	-0,007635	0	-0,001018	0
46	LM71DX	LinStatic	0,006844	0	-0,015268	0	0,000681	0
46	STLM71	LinStatic	0,036897	0	-0,007655	0	0,001955	0
46	AVVLM71	LinStatic	0,044861	0	-0,013623	0	0,003441	0
46	SW2	LinStatic	0,000715	0	-0,011273	0	-0,000162	0
46	STSW2	LinStatic	0,062902	0	-0,013051	0	0,003333	0
46	FRENSW2	LinStatic	0,047578	0	-0,014448	0	0,003649	0
46	SERP	LinStatic	0	0	0	0	0	0
46	INCRTER	LinStatic	0,234679	0	-0,04869	0	0,012436	0
46	LM71SISO	LinStatic	0,016604	0	-0,005042	0	0,001274	0
46	SW2SISO	LinStatic	0,014063	0	-0,004271	0	0,001079	0
46	SISMAO	LinStatic	0,09136	0	-0,023584	0	0,00592	0
46	LM71SVA	LinStatic	-2,6E-05	0	0,000414	0	5,961E-06	0
46	SW2SVA	LinStatic	-2,2E-05	0	0,000349	0	5,035E-06	0
46	SISMAVA	LinStatic	-0,00012	0	0,002924	0	3,2E-05	0
46	LM71SVB	LinStatic	2,6E-05	0	-0,000414	0	-5,961E-06	0
46	SW2SVB	LinStatic	2,2E-05	0	-0,000349	0	-5,035E-06	0
46	SISMAVB	LinStatic	0,00012	0	-0,002924	0	-3,2E-05	0
47	PP	LinStatic	-0,000109	0	-0,020261	0	0,00023	0
47	REINTSUP	LinStatic	-7,395E-06	0	-0,000515	0	1,6E-05	0
47	BALLAST	LinStatic	-4,4E-05	0	-0,003091	0	9,4E-05	0
47	STERRASX	LinStatic	0,180311	0	0,028491	0	0,006391	0
47	STERRADX	LinStatic	-0,180081	0	-0,027836	0	-0,006842	0
47	TERMP	LinStatic	-0,000214	0	-2,1E-05	0	-1,9E-05	0
47	TERMN	LinStatic	0,000642	0	6,3E-05	0	5,7E-05	0
47	GRADTP	LinStatic	3,9E-05	0	3,9E-05	0	-8,2E-05	0
47	GRADTN	LinStatic	-3,9E-05	0	-3,9E-05	0	8,2E-05	0
47	LM71C	LinStatic	-0,000177	0	-0,011475	0	0,000375	0
47	LM71SX	LinStatic	-0,008128	0	-0,015288	0	-0,000483	0
47	LM71DX	LinStatic	0,007787	0	-0,00765	0	0,001206	0
47	STLM71	LinStatic	0,041178	0	0,007779	0	0,001775	0
47	AVVLM71	LinStatic	0,052281	0	0,013627	0	0,003277	0
47	SW2	LinStatic	-0,000162	0	-0,01129	0	0,000343	0
47	STSW2	LinStatic	0,070201	0	0,013262	0	0,003027	0
47	FRENSW2	LinStatic	0,055446	0	0,014452	0	0,003475	0
47	SERP	LinStatic	0	0	0	0	0	0
47	INCRTER	LinStatic	0,261911	0	0,04948	0	0,011292	0
47	LM71SISO	LinStatic	0,01935	0	0,005044	0	0,001213	0
47	SW2SISO	LinStatic	0,016389	0	0,004272	0	0,001027	0
47	SISMAO	LinStatic	0,104109	0	0,02359	0	0,005636	0
47	LM71SVA	LinStatic	5,947E-06	0	0,000414	0	-1,3E-05	0
47	SW2SVA	LinStatic	5,022E-06	0	0,00035	0	-1,1E-05	0
47	SISMAVA	LinStatic	2,5E-05	0	0,002926	0	-5,3E-05	0
47	LM71SVB	LinStatic	-5,947E-06	0	-0,000414	0	1,3E-05	0
47	SW2SVB	LinStatic	-5,022E-06	0	-0,00035	0	1,1E-05	0
47	SISMAVB	LinStatic	-2,5E-05	0	-0,002926	0	5,3E-05	0
48	PP	LinStatic	0,000109	0	-0,020261	0	-0,00023	0
48	REINTSUP	LinStatic	7,395E-06	0	-0,000515	0	-1,6E-05	0
48	BALLAST	LinStatic	4,4E-05	0	-0,003091	0	-9,4E-05	0
48	STERRASX	LinStatic	0,180081	0	-0,027836	0	0,006842	0
48	STERRADX	LinStatic	-0,180311	0	0,028491	0	-0,006391	0
48	TERMP	LinStatic	0,000214	0	-2,1E-05	0	1,9E-05	0
48	TERMN	LinStatic	-0,000642	0	6,3E-05	0	-5,7E-05	0
48	GRADTP	LinStatic	-3,9E-05	0	3,9E-05	0	8,2E-05	0
48	GRADTN	LinStatic	3,9E-05	0	-3,9E-05	0	-8,2E-05	0
48	LM71C	LinStatic	0,000177	0	-0,011475	0	-0,000375	0
48	LM71SX	LinStatic	-0,007787	0	-0,00765	0	-0,001206	0
48	LM71DX	LinStatic	0,008128	0	-0,015288	0	0,000483	0
48	STLM71	LinStatic	0,041125	0	-0,007657	0	0,001874	0
48	AVVLM71	LinStatic	0,052281	0	-0,013627	0	0,003277	0
48	SW2	LinStatic	0,000162	0	-0,01129	0	-0,000343	0
48	STSW2	LinStatic	0,070112	0	-0,013053	0	0,003195	0
48	FRENSW2	LinStatic	0,055446	0	-0,014452	0	0,003475	0
48	SERP	LinStatic	0	0	0	0	0	0
48	INCRTER	LinStatic	0,261576	0	-0,0487	0	0,011921	0
48	LM71SISO	LinStatic	0,01935	0	-0,005044	0	0,001213	0
48	SW2SISO	LinStatic	0,016389	0	-0,004272	0	0,001027	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
48	SISMAO	LinStatic	0,104109	0	-0,02359	0	0,005636	0
48	LM71SVA	LinStatic	-5,947E-06	0	0,000414	0	1,3E-05	0
48	SW2SVA	LinStatic	-5,022E-06	0	0,00035	0	1,1E-05	0
48	SISMAVA	LinStatic	-2,5E-05	0	0,002926	0	5,3E-05	0
48	LM71SVB	LinStatic	5,947E-06	0	-0,000414	0	-1,3E-05	0
48	SW2SVB	LinStatic	5,022E-06	0	-0,00035	0	-1,1E-05	0
48	SISMAVB	LinStatic	2,5E-05	0	-0,002926	0	-5,3E-05	0
49	PP	LinStatic	-5,7E-05	0	-0,020262	0	0,000235	0
49	REINTSUP	LinStatic	-3,78E-06	0	-0,000515	0	1,7E-05	0
49	BALLAST	LinStatic	-2,3E-05	0	-0,003092	0	9,9E-05	0
49	STERRASX	LinStatic	0,181744	0	0,028491	0	0,006366	0
49	STERRADX	LinStatic	-0,181618	0	-0,027836	0	-0,006802	0
49	TERMP	LinStatic	-0,000218	0	-2,1E-05	0	-1,8E-05	0
49	TERMN	LinStatic	0,000655	0	6,3E-05	0	5,4E-05	0
49	GRADTP	LinStatic	2E-05	0	3,9E-05	0	-9E-05	0
49	GRADTN	LinStatic	-2E-05	0	-3,9E-05	0	9E-05	0
49	LM71C	LinStatic	-9E-05	0	-0,011477	0	0,000396	0
49	LM71SX	LinStatic	-0,008235	0	-0,01529	0	-0,000462	0
49	LM71DX	LinStatic	0,00806	0	-0,007651	0	0,001226	0
49	STLM71	LinStatic	0,041576	0	0,007779	0	0,001767	0
49	AVVLM71	LinStatic	0,053016	0	0,013627	0	0,003254	0
49	SW2	LinStatic	-8,3E-05	0	-0,011292	0	0,000362	0
49	STSW2	LinStatic	0,07088	0	0,013263	0	0,003012	0
49	FRENSW2	LinStatic	0,056226	0	0,014452	0	0,003451	0
49	SERP	LinStatic	0	0	0	0	0	0
49	INCRTER	LinStatic	0,264443	0	0,049481	0	0,011236	0
49	LM71SISO	LinStatic	0,019622	0	0,005044	0	0,001204	0
49	SW2SISO	LinStatic	0,016619	0	0,004272	0	0,00102	0
49	SISMAO	LinStatic	0,105374	0	0,023591	0	0,005599	0
49	LM71SVA	LinStatic	3,04E-06	0	0,000414	0	-1,3E-05	0
49	SW2SVA	LinStatic	2,567E-06	0	0,00035	0	-1,1E-05	0
49	SISMAVA	LinStatic	1,3E-05	0	0,002927	0	-5,4E-05	0
49	LM71SVB	LinStatic	-3,04E-06	0	-0,000414	0	1,3E-05	0
49	SW2SVB	LinStatic	-2,567E-06	0	-0,00035	0	1,1E-05	0
49	SISMAVB	LinStatic	-1,3E-05	0	-0,002927	0	5,4E-05	0
50	PP	LinStatic	5,7E-05	0	-0,020262	0	-0,000235	0
50	REINTSUP	LinStatic	3,78E-06	0	-0,000515	0	-1,7E-05	0
50	BALLAST	LinStatic	2,3E-05	0	-0,003092	0	-9,9E-05	0
50	STERRASX	LinStatic	0,181618	0	-0,027836	0	0,006802	0
50	STERRADX	LinStatic	-0,181744	0	0,028491	0	-0,006366	0
50	TERMP	LinStatic	0,000218	0	-2,1E-05	0	1,8E-05	0
50	TERMN	LinStatic	-0,000655	0	6,3E-05	0	-5,4E-05	0
50	GRADTP	LinStatic	-2E-05	0	3,9E-05	0	9E-05	0
50	GRADTN	LinStatic	2E-05	0	-3,9E-05	0	-9E-05	0
50	LM71C	LinStatic	9E-05	0	-0,011477	0	-0,000396	0
50	LM71SX	LinStatic	-0,00806	0	-0,007651	0	-0,001226	0
50	LM71DX	LinStatic	0,008235	0	-0,01529	0	0,000462	0
50	STLM71	LinStatic	0,041546	0	-0,007657	0	0,001863	0
50	AVVLM71	LinStatic	0,053016	0	-0,013627	0	0,003254	0
50	SW2	LinStatic	8,3E-05	0	-0,011292	0	-0,000362	0
50	STSW2	LinStatic	0,070829	0	-0,013053	0	0,003175	0
50	FRENSW2	LinStatic	0,056226	0	-0,014452	0	0,003451	0
50	SERP	LinStatic	0	0	0	0	0	0
50	INCRTER	LinStatic	0,264254	0	-0,048701	0	0,011847	0
50	LM71SISO	LinStatic	0,019622	0	-0,005044	0	0,001204	0
50	SW2SISO	LinStatic	0,016619	0	-0,004272	0	0,00102	0
50	SISMAO	LinStatic	0,105374	0	-0,023591	0	0,005599	0
50	LM71SVA	LinStatic	-3,04E-06	0	0,000414	0	1,3E-05	0
50	SW2SVA	LinStatic	-2,567E-06	0	0,00035	0	1,1E-05	0
50	SISMAVA	LinStatic	-1,3E-05	0	0,002927	0	5,4E-05	0
50	LM71SVB	LinStatic	3,04E-06	0	-0,000414	0	-1,3E-05	0
50	SW2SVB	LinStatic	2,567E-06	0	-0,00035	0	-1,1E-05	0
50	SISMAVB	LinStatic	1,3E-05	0	-0,002927	0	-5,4E-05	0
51	PP	LinStatic	-2,787E-06	0	-0,020263	0	0,00024	0
51	REINTSUP	LinStatic	3,199E-08	0	-0,000515	0	1,7E-05	0
51	BALLAST	LinStatic	1,919E-07	0	-0,003092	0	0,000104	0
51	STERRASX	LinStatic	0,183172	0	0,028492	0	0,006342	0
51	STERRADX	LinStatic	-0,183146	0	-0,027837	0	-0,00676	0
51	TERMP	LinStatic	-0,000222	0	-2,1E-05	0	-1,7E-05	0
51	TERMN	LinStatic	0,000667	0	6,3E-05	0	5,2E-05	0
51	GRADTP	LinStatic	-1,297E-06	0	3,9E-05	0	-9,7E-05	0
51	GRADTN	LinStatic	1,297E-06	0	-3,9E-05	0	9,7E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
51	LM71C	LinStatic	1,125E-06	0	-0,011479	0	0,000418	0
51	LM71SX	LinStatic	-0,008336	0	-0,015292	0	-0,00044	0
51	LM71DX	LinStatic	0,008338	0	-0,007653	0	0,001246	0
51	STLM71	LinStatic	0,041972	0	0,00778	0	0,001758	0
51	AVVLM71	LinStatic	0,053747	0	0,013628	0	0,00323	0
51	SW2	LinStatic	7,009E-07	0	-0,011294	0	0,000381	0
51	STSW2	LinStatic	0,071555	0	0,013263	0	0,002998	0
51	FRENSW2	LinStatic	0,057001	0	0,014453	0	0,003425	0
51	SERP	LinStatic	0	0	0	0	0	0
51	INCRTER	LinStatic	0,266961	0	0,049482	0	0,011183	0
51	LM71SISO	LinStatic	0,019893	0	0,005044	0	0,001195	0
51	SW2SISO	LinStatic	0,016848	0	0,004272	0	0,001012	0
51	SISMAO	LinStatic	0,106631	0	0,023591	0	0,005562	0
51	LM71SVA	LinStatic	-2,572E-08	0	0,000414	0	-1,4E-05	0
51	SW2SVA	LinStatic	-2,173E-08	0	0,00035	0	-1,2E-05	0
51	SISMAVA	LinStatic	3,98E-07	0	0,002927	0	-5,6E-05	0
51	LM71SVB	LinStatic	2,572E-08	0	-0,000414	0	1,4E-05	0
51	SW2SVB	LinStatic	2,173E-08	0	-0,00035	0	1,2E-05	0
51	SISMAVB	LinStatic	-3,98E-07	0	-0,002927	0	5,6E-05	0
52	PP	LinStatic	-2,647E-06	0	-0,020319	0	0,000243	0
52	REINTSUP	LinStatic	3,037E-08	0	-0,00052	0	1,8E-05	0
52	BALLAST	LinStatic	1,822E-07	0	-0,003118	0	0,000109	0
52	STERRASX	LinStatic	0,183171	0	0,027069	0	0,006321	0
52	STERRADX	LinStatic	-0,183146	0	-0,026322	0	-0,006718	0
52	TERMP	LinStatic	-0,000211	0	-1,7E-05	0	-1,6E-05	0
52	TERMN	LinStatic	0,000633	0	5,2E-05	0	4,9E-05	0
52	GRADTP	LinStatic	-1,231E-06	0	6,1E-05	0	-9,2E-05	0
52	GRADTN	LinStatic	1,231E-06	0	-6,1E-05	0	9,2E-05	0
52	LM71C	LinStatic	1,068E-06	0	-0,01158	0	0,000437	0
52	LM71SX	LinStatic	-0,008336	0	-0,015201	0	-0,000422	0
52	LM71DX	LinStatic	0,008338	0	-0,00794	0	0,001264	0
52	STLM71	LinStatic	0,041972	0	0,007385	0	0,001751	0
52	AVVLM71	LinStatic	0,053747	0	0,012905	0	0,003206	0
52	SW2	LinStatic	6,655E-07	0	-0,011386	0	0,000398	0
52	STSW2	LinStatic	0,071555	0	0,012591	0	0,002984	0
52	FRENSW2	LinStatic	0,057001	0	0,013686	0	0,0034	0
52	SERP	LinStatic	0	0	0	0	0	0
52	INCRTER	LinStatic	0,26696	0	0,046974	0	0,011134	0
52	LM71SISO	LinStatic	0,019893	0	0,004776	0	0,001186	0
52	SW2SISO	LinStatic	0,016848	0	0,004045	0	0,001005	0
52	SISMAO	LinStatic	0,106631	0	0,022346	0	0,005524	0
52	LM71SVA	LinStatic	-2,442E-08	0	0,000418	0	-1,5E-05	0
52	SW2SVA	LinStatic	-2,063E-08	0	0,000353	0	-1,2E-05	0
52	SISMAVA	LinStatic	3,779E-07	0	0,00294	0	-5,7E-05	0
52	LM71SVB	LinStatic	2,442E-08	0	-0,000418	0	1,5E-05	0
52	SW2SVB	LinStatic	2,063E-08	0	-0,000353	0	1,2E-05	0
52	SISMAVB	LinStatic	-3,779E-07	0	-0,00294	0	5,7E-05	0
53	PP	LinStatic	-2,506E-06	0	-0,020376	0	0,000243	0
53	REINTSUP	LinStatic	2,875E-08	0	-0,000524	0	1,9E-05	0
53	BALLAST	LinStatic	1,725E-07	0	-0,003144	0	0,000112	0
53	STERRASX	LinStatic	0,183171	0	0,02565	0	0,006301	0
53	STERRADX	LinStatic	-0,183147	0	-0,024816	0	-0,006677	0
53	TERMP	LinStatic	-0,0002	0	-1,4E-05	0	-1,6E-05	0
53	TERMN	LinStatic	0,000599	0	4,1E-05	0	4,7E-05	0
53	GRADTP	LinStatic	-1,166E-06	0	8,1E-05	0	-8,7E-05	0
53	GRADTN	LinStatic	1,166E-06	0	-8,1E-05	0	8,7E-05	0
53	LM71C	LinStatic	1,012E-06	0	-0,011685	0	0,00045	0
53	LM71SX	LinStatic	-0,008336	0	-0,015112	0	-0,000411	0
53	LM71DX	LinStatic	0,008338	0	-0,00823	0	0,001277	0
53	STLM71	LinStatic	0,041972	0	0,006993	0	0,001743	0
53	AVVLM71	LinStatic	0,053747	0	0,012187	0	0,003183	0
53	SW2	LinStatic	6,301E-07	0	-0,011482	0	0,000409	0
53	STSW2	LinStatic	0,071554	0	0,011921	0	0,002972	0
53	FRENSW2	LinStatic	0,057002	0	0,012925	0	0,003376	0
53	SERP	LinStatic	0	0	0	0	0	0
53	INCRTER	LinStatic	0,266959	0	0,044477	0	0,011089	0
53	LM71SISO	LinStatic	0,019893	0	0,004511	0	0,001178	0
53	SW2SISO	LinStatic	0,016849	0	0,00382	0	0,000998	0
53	SISMAO	LinStatic	0,106632	0	0,021108	0	0,005489	0
53	LM71SVA	LinStatic	-2,312E-08	0	0,000421	0	-1,5E-05	0
53	SW2SVA	LinStatic	-1,953E-08	0	0,000356	0	-1,3E-05	0
53	SISMAVA	LinStatic	3,578E-07	0	0,002954	0	-5,8E-05	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
53	LM71SVB	LinStatic	2,312E-08	0	-0,000421	0	1,5E-05	0
53	SW2SVB	LinStatic	1,953E-08	0	-0,000356	0	1,3E-05	0
53	SISMAVB	LinStatic	-3,578E-07	0	-0,002954	0	5,8E-05	0
54	PP	LinStatic	-2,004E-06	0	-0,020573	0	0,000229	0
54	REINTSUP	LinStatic	2,3E-08	0	-0,00054	0	1,9E-05	0
54	BALLAST	LinStatic	1,38E-07	0	-0,003238	0	0,000111	0
54	STERRASX	LinStatic	0,183168	0	0,020638	0	0,006245	0
54	STERRADX	LinStatic	-0,183149	0	-0,019534	0	-0,006545	0
54	TERMP	LinStatic	-0,00016	0	-2,57E-06	0	-1,2E-05	0
54	TERMN	LinStatic	0,000479	0	7,71E-06	0	3,7E-05	0
54	GRADTP	LinStatic	-9,325E-07	0	0,000144	0	-7E-05	0
54	GRADTN	LinStatic	9,325E-07	0	-0,000144	0	7E-05	0
54	LM71C	LinStatic	8,092E-07	0	-0,012067	0	0,000454	0
54	LM71SX	LinStatic	-0,008337	0	-0,014803	0	-0,000415	0
54	LM71DX	LinStatic	0,008338	0	-0,009272	0	0,001284	0
54	STLM71	LinStatic	0,041971	0	0,005609	0	0,001722	0
54	AVVLM71	LinStatic	0,053748	0	0,009674	0	0,003112	0
54	SW2	LinStatic	5,041E-07	0	-0,011826	0	0,000407	0
54	STSW2	LinStatic	0,071553	0	0,009562	0	0,002936	0
54	FRENSW2	LinStatic	0,057003	0	0,01026	0	0,0033	0
54	SERP	LinStatic	0	0	0	0	0	0
54	INCRTER	LinStatic	0,266955	0	0,035673	0	0,010953	0
54	LM71SISO	LinStatic	0,019893	0	0,003581	0	0,001152	0
54	SW2SISO	LinStatic	0,016849	0	0,003033	0	0,000976	0
54	SISMAO	LinStatic	0,106633	0	0,016769	0	0,005379	0
54	LM71SVA	LinStatic	-1,85E-08	0	0,000434	0	-1,5E-05	0
54	SW2SVA	LinStatic	-1,562E-08	0	0,000367	0	-1,3E-05	0
54	SISMAVA	LinStatic	2,862E-07	0	0,003001	0	-5,6E-05	0
54	LM71SVB	LinStatic	1,85E-08	0	-0,000434	0	1,5E-05	0
54	SW2SVB	LinStatic	1,562E-08	0	-0,000367	0	1,3E-05	0
54	SISMAVB	LinStatic	-2,862E-07	0	-0,003001	0	5,6E-05	0
55	PP	LinStatic	-1,221E-06	0	-0,020829	0	0,000163	0
55	REINTSUP	LinStatic	1,402E-08	0	-0,000561	0	1,4E-05	0
55	BALLAST	LinStatic	8,41E-08	0	-0,003367	0	8,3E-05	0
55	STERRASX	LinStatic	0,183165	0	0,012875	0	0,006198	0
55	STERRADX	LinStatic	-0,183153	0	-0,011468	0	-0,006381	0
55	TERMP	LinStatic	-9,7E-05	0	9,927E-06	0	-7,571E-06	0
55	TERMN	LinStatic	0,000292	0	-3E-05	0	2,3E-05	0
55	GRADTP	LinStatic	-5,683E-07	0	0,000214	0	-4,3E-05	0
55	GRADTN	LinStatic	5,683E-07	0	-0,000214	0	4,3E-05	0
55	LM71C	LinStatic	4,931E-07	0	-0,012596	0	0,000341	0
55	LM71SX	LinStatic	-0,008337	0	-0,01424	0	-0,000535	0
55	LM71DX	LinStatic	0,008338	0	-0,010848	0	0,00119	0
55	STLM71	LinStatic	0,04197	0	0,003473	0	0,001702	0
55	AVVLM71	LinStatic	0,053749	0	0,005844	0	0,003033	0
55	SW2	LinStatic	3,072E-07	0	-0,012296	0	0,000302	0
55	STSW2	LinStatic	0,071551	0	0,00592	0	0,002901	0
55	FRENSW2	LinStatic	0,057004	0	0,006198	0	0,003216	0
55	SERP	LinStatic	0	0	0	0	0	0
55	INCRTER	LinStatic	0,266948	0	0,022089	0	0,010825	0
55	LM71SISO	LinStatic	0,019894	0	0,002163	0	0,001122	0
55	SW2SISO	LinStatic	0,016849	0	0,001832	0	0,000951	0
55	SISMAO	LinStatic	0,106634	0	0,010139	0	0,005255	0
55	LM71SVA	LinStatic	-1,127E-08	0	0,000451	0	-1,1E-05	0
55	SW2SVA	LinStatic	-9,52E-09	0	0,000381	0	-9,363E-06	0
55	SISMAVA	LinStatic	1,744E-07	0	0,003064	0	-4E-05	0
55	LM71SVB	LinStatic	1,127E-08	0	-0,000451	0	1,1E-05	0
55	SW2SVB	LinStatic	9,52E-09	0	-0,000381	0	9,363E-06	0
55	SISMAVB	LinStatic	-1,744E-07	0	-0,003064	0	4E-05	0
56	PP	LinStatic	1,221E-06	0	-0,020829	0	-0,000163	0
56	REINTSUP	LinStatic	-1,402E-08	0	-0,000561	0	-1,4E-05	0
56	BALLAST	LinStatic	-8,41E-08	0	-0,003367	0	-8,3E-05	0
56	STERRASX	LinStatic	0,183153	0	-0,011468	0	0,006381	0
56	STERRADX	LinStatic	-0,183165	0	0,012875	0	-0,006198	0
56	TERMP	LinStatic	9,7E-05	0	9,927E-06	0	7,571E-06	0
56	TERMN	LinStatic	-0,000292	0	-3E-05	0	-2,3E-05	0
56	GRADTP	LinStatic	5,683E-07	0	0,000214	0	4,3E-05	0
56	GRADTN	LinStatic	-5,683E-07	0	-0,000214	0	-4,3E-05	0
56	LM71C	LinStatic	-4,931E-07	0	-0,012596	0	-0,000341	0
56	LM71SX	LinStatic	-0,008338	0	-0,010848	0	-0,00119	0
56	LM71DX	LinStatic	0,008337	0	-0,01424	0	0,000535	0
56	STLM71	LinStatic	0,041967	0	-0,003185	0	0,001742	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
56	AVVLM71	LinStatic	0,053749	0	-0,005844	0	0,003033	0
56	SW2	LinStatic	-3,072E-07	0	-0,012296	0	-0,000302	0
56	STSW2	LinStatic	0,071546	0	-0,005429	0	0,00297	0
56	FRENSW2	LinStatic	0,057004	0	-0,006198	0	0,003216	0
56	SERP	LinStatic	0	0	0	0	0	0
56	INCRTER	LinStatic	0,266927	0	-0,020256	0	0,011081	0
56	LM71SISO	LinStatic	0,019894	0	-0,002163	0	0,001122	0
56	SW2SISO	LinStatic	0,016849	0	-0,001832	0	0,000951	0
56	SISMAO	LinStatic	0,106634	0	-0,010139	0	0,005255	0
56	LM71SVA	LinStatic	1,127E-08	0	0,000451	0	1,1E-05	0
56	SW2SVA	LinStatic	9,52E-09	0	0,000381	0	9,363E-06	0
56	SISMAVA	LinStatic	-1,744E-07	0	0,003064	0	4E-05	0
56	LM71SVB	LinStatic	-1,127E-08	0	-0,000451	0	-1,1E-05	0
56	SW2SVB	LinStatic	-9,52E-09	0	-0,000381	0	-9,363E-06	0
56	SISMAVB	LinStatic	1,744E-07	0	-0,003064	0	-4E-05	0
57	PP	LinStatic	2,004E-06	0	-0,020573	0	-0,000229	0
57	REINTSUP	LinStatic	-2,3E-08	0	-0,00054	0	-1,9E-05	0
57	BALLAST	LinStatic	-1,38E-07	0	-0,003238	0	-0,000111	0
57	STERRASX	LinStatic	0,183149	0	-0,019534	0	0,006545	0
57	STERRADX	LinStatic	-0,183168	0	0,020638	0	-0,006245	0
57	TERMP	LinStatic	0,00016	0	-2,57E-06	0	1,2E-05	0
57	TERMN	LinStatic	-0,000479	0	7,71E-06	0	-3,7E-05	0
57	GRADTP	LinStatic	9,325E-07	0	0,000144	0	7E-05	0
57	GRADTN	LinStatic	-9,325E-07	0	-0,000144	0	-7E-05	0
57	LM71C	LinStatic	-8,092E-07	0	-0,012067	0	-0,000454	0
57	LM71SX	LinStatic	-0,008338	0	-0,009272	0	-0,001284	0
57	LM71DX	LinStatic	0,008337	0	-0,014803	0	0,000415	0
57	STLM71	LinStatic	0,041966	0	-0,005387	0	0,001788	0
57	AVVLM71	LinStatic	0,053748	0	-0,009674	0	0,003112	0
57	SW2	LinStatic	-5,041E-07	0	-0,011826	0	-0,000407	0
57	STSW2	LinStatic	0,071544	0	-0,009184	0	0,003049	0
57	FRENSW2	LinStatic	0,057003	0	-0,01026	0	0,0033	0
57	SERP	LinStatic	0	0	0	0	0	0
57	INCRTER	LinStatic	0,266921	0	-0,034264	0	0,011374	0
57	LM71SISO	LinStatic	0,019893	0	-0,003581	0	0,001152	0
57	SW2SISO	LinStatic	0,016849	0	-0,003033	0	0,000976	0
57	SISMAO	LinStatic	0,106633	0	-0,016769	0	0,005379	0
57	LM71SVA	LinStatic	1,85E-08	0	0,000434	0	1,5E-05	0
57	SW2SVA	LinStatic	1,562E-08	0	0,000367	0	1,3E-05	0
57	SISMAVA	LinStatic	-2,862E-07	0	0,003001	0	5,6E-05	0
57	LM71SVB	LinStatic	-1,85E-08	0	-0,000434	0	-1,5E-05	0
57	SW2SVB	LinStatic	-1,562E-08	0	-0,000367	0	-1,3E-05	0
57	SISMAVB	LinStatic	2,862E-07	0	-0,003001	0	-5,6E-05	0
58	PP	LinStatic	2,506E-06	0	-0,020376	0	-0,000243	0
58	REINTSUP	LinStatic	-2,875E-08	0	-0,000524	0	-1,9E-05	0
58	BALLAST	LinStatic	-1,725E-07	0	-0,003144	0	-0,000112	0
58	STERRASX	LinStatic	0,183147	0	-0,024816	0	0,006677	0
58	STERRADX	LinStatic	-0,183171	0	0,02565	0	-0,006301	0
58	TERMP	LinStatic	0,0002	0	-1,4E-05	0	1,6E-05	0
58	TERMN	LinStatic	-0,000599	0	4,1E-05	0	-4,7E-05	0
58	GRADTP	LinStatic	1,166E-06	0	8,1E-05	0	8,7E-05	0
58	GRADTN	LinStatic	-1,166E-06	0	-8,1E-05	0	-8,7E-05	0
58	LM71C	LinStatic	-1,012E-06	0	-0,011685	0	-0,00045	0
58	LM71SX	LinStatic	-0,008338	0	-0,00823	0	-0,001277	0
58	LM71DX	LinStatic	0,008336	0	-0,015112	0	0,000411	0
58	STLM71	LinStatic	0,041965	0	-0,006831	0	0,001826	0
58	AVVLM71	LinStatic	0,053747	0	-0,012187	0	0,003183	0
58	SW2	LinStatic	-6,301E-07	0	-0,011482	0	-0,000409	0
58	STSW2	LinStatic	0,071543	0	-0,011645	0	0,003113	0
58	FRENSW2	LinStatic	0,057002	0	-0,012925	0	0,003376	0
58	SERP	LinStatic	0	0	0	0	0	0
58	INCRTER	LinStatic	0,266916	0	-0,043446	0	0,011615	0
58	LM71SISO	LinStatic	0,019893	0	-0,004511	0	0,001178	0
58	SW2SISO	LinStatic	0,016849	0	-0,00382	0	0,000998	0
58	SISMAO	LinStatic	0,106632	0	-0,021108	0	0,005489	0
58	LM71SVA	LinStatic	2,312E-08	0	0,000421	0	1,5E-05	0
58	SW2SVA	LinStatic	1,953E-08	0	0,000356	0	1,3E-05	0
58	SISMAVA	LinStatic	-3,578E-07	0	0,002954	0	5,8E-05	0
58	LM71SVB	LinStatic	-2,312E-08	0	-0,000421	0	-1,5E-05	0
58	SW2SVB	LinStatic	-1,953E-08	0	-0,000356	0	-1,3E-05	0
58	SISMAVB	LinStatic	3,578E-07	0	-0,002954	0	-5,8E-05	0
59	PP	LinStatic	2,647E-06	0	-0,020319	0	-0,000243	0

Table: Joint Displacements

Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
			m	m	m	Radians	Radians	Radians
59	REINTSUP	LinStatic	-3,037E-08	0	-0,00052	0	-1,8E-05	0
59	BALLAST	LinStatic	-1,822E-07	0	-0,003118	0	-0,000109	0
59	STERRASX	LinStatic	0,183146	0	-0,026322	0	0,006718	0
59	STERRADX	LinStatic	-0,183171	0	0,027069	0	-0,006321	0
59	TERMP	LinStatic	0,000211	0	-1,7E-05	0	1,6E-05	0
59	TERMN	LinStatic	-0,000633	0	5,2E-05	0	-4,9E-05	0
59	GRADTP	LinStatic	1,231E-06	0	6,1E-05	0	9,2E-05	0
59	GRADTN	LinStatic	-1,231E-06	0	-6,1E-05	0	-9,2E-05	0
59	LM71C	LinStatic	-1,068E-06	0	-0,01158	0	-0,000437	0
59	LM71SX	LinStatic	-0,008338	0	-0,00794	0	-0,001264	0
59	LM71DX	LinStatic	0,008336	0	-0,015201	0	0,000422	0
59	STLM71	LinStatic	0,041965	0	-0,007242	0	0,001838	0
59	AVVLM71	LinStatic	0,053747	0	-0,012905	0	0,003206	0
59	SW2	LinStatic	-6,655E-07	0	-0,011386	0	-0,000398	0
59	STSW2	LinStatic	0,071543	0	-0,012347	0	0,003133	0
59	FRENSW2	LinStatic	0,057001	0	-0,013686	0	0,0034	0
59	SERP	LinStatic	0	0	0	0	0	0
59	INCRTER	LinStatic	0,266915	0	-0,046065	0	0,01169	0
59	LM71SISO	LinStatic	0,019893	0	-0,004776	0	0,001186	0
59	SW2SISO	LinStatic	0,016848	0	-0,004045	0	0,001005	0
59	SISMAO	LinStatic	0,106631	0	-0,022346	0	0,005524	0
59	LM71SVA	LinStatic	2,442E-08	0	0,000418	0	1,5E-05	0
59	SW2SVA	LinStatic	2,063E-08	0	0,000353	0	1,2E-05	0
59	SISMAVA	LinStatic	-3,779E-07	0	0,00294	0	5,7E-05	0
59	LM71SVB	LinStatic	-2,442E-08	0	-0,000418	0	-1,5E-05	0
59	SW2SVB	LinStatic	-2,063E-08	0	-0,000353	0	-1,2E-05	0
59	SISMAVB	LinStatic	3,779E-07	0	-0,00294	0	-5,7E-05	0
60	PP	LinStatic	2,787E-06	0	-0,020263	0	-0,00024	0
60	REINTSUP	LinStatic	-3,199E-08	0	-0,000515	0	-1,7E-05	0
60	BALLAST	LinStatic	-1,919E-07	0	-0,003092	0	-0,000104	0
60	STERRASX	LinStatic	0,183146	0	-0,027837	0	0,00676	0
60	STERRADX	LinStatic	-0,183172	0	0,028492	0	-0,006342	0
60	TERMP	LinStatic	0,000222	0	-2,1E-05	0	1,7E-05	0
60	TERMN	LinStatic	-0,000667	0	6,3E-05	0	-5,2E-05	0
60	GRADTP	LinStatic	1,297E-06	0	3,9E-05	0	9,7E-05	0
60	GRADTN	LinStatic	-1,297E-06	0	-3,9E-05	0	-9,7E-05	0
60	LM71C	LinStatic	-1,125E-06	0	-0,011479	0	-0,000418	0
60	LM71SX	LinStatic	-0,008338	0	-0,007653	0	-0,001246	0
60	LM71DX	LinStatic	0,008336	0	-0,015292	0	0,00044	0
60	STLM71	LinStatic	0,041965	0	-0,007657	0	0,00185	0
60	AVVLM71	LinStatic	0,053747	0	-0,013628	0	0,00323	0
60	SW2	LinStatic	-7,009E-07	0	-0,011294	0	-0,000381	0
60	STSW2	LinStatic	0,071542	0	-0,013054	0	0,003154	0
60	FRENSW2	LinStatic	0,057001	0	-0,014453	0	0,003425	0
60	SERP	LinStatic	0	0	0	0	0	0
60	INCRTER	LinStatic	0,266914	0	-0,048702	0	0,011769	0
60	LM71SISO	LinStatic	0,019893	0	-0,005044	0	0,001195	0
60	SW2SISO	LinStatic	0,016848	0	-0,004272	0	0,001012	0
60	SISMAO	LinStatic	0,106631	0	-0,023591	0	0,005562	0
60	LM71SVA	LinStatic	2,572E-08	0	0,000414	0	1,4E-05	0
60	SW2SVA	LinStatic	2,173E-08	0	0,00035	0	1,2E-05	0
60	SISMAVA	LinStatic	-3,98E-07	0	0,002927	0	5,6E-05	0
60	LM71SVB	LinStatic	-2,572E-08	0	-0,000414	0	-1,4E-05	0
60	SW2SVB	LinStatic	-2,173E-08	0	-0,00035	0	-1,2E-05	0
60	SISMAVB	LinStatic	3,98E-07	0	-0,002927	0	-5,6E-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	-0,0001411	0	11,36	0	0	0
1	REINTSUP	LinStatic	1,619E-06	0	0,288	0	0	0
1	BALLAST	LinStatic	9,716E-06	0	1,728	0	0	0
1	STERRASX	LinStatic	-6,461	0	-16,015	0	0	0
1	STERRADX	LinStatic	6,458	0	15,646	0	0	0
1	TERMP	LinStatic	1,305E-05	0	0,012	0	0	0
1	TERMN	LinStatic	-3,915E-05	0	-0,036	0	0	0
1	GRADTP	LinStatic	-6,564E-05	0	-0,022	0	0	0
1	GRADTN	LinStatic	6,564E-05	0	0,022	0	0	0
1	LM71C	LinStatic	5,696E-05	0	6,413	0	0	0
1	LM71SX	LinStatic	4,67E-05	0	8,553	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	LM71DX	LinStatic	4,67E-05	0	4,267	0	0	0
1	STLM71	LinStatic	-1,303	0	-4,372	0	0	0
1	AVVLM71	LinStatic	-1,152	0	-7,656	0	0	0
1	SW2	LinStatic	3,548E-05	0	6,31	0	0	0
1	STSW2	LinStatic	-2,221	0	-7,454	0	0	0
1	FRENSW2	LinStatic	-1,222	0	-8,12	0	0	0
1	SERP	LinStatic	0	0	0	0	0	0
1	INCRTER	LinStatic	-8,288	0	-27,809	0	0	0
1	LM71SISO	LinStatic	-0,426	0	-2,834	0	0	0
1	SW2SISO	LinStatic	-0,361	0	-2,4	0	0	0
1	SISMAO	LinStatic	-2,761	0	-13,256	0	0	0
1	LM71SVA	LinStatic	-1,302E-06	0	-0,232	0	0	0
1	SW2SVA	LinStatic	-1,1E-06	0	-0,196	0	0	0
1	SISMAVA	LinStatic	2,015E-05	0	-1,638	0	0	0
1	LM71SVB	LinStatic	1,302E-06	0	0,232	0	0	0
1	SW2SVB	LinStatic	1,1E-06	0	0,196	0	0	0
1	SISMAVB	LinStatic	-2,015E-05	0	1,638	0	0	0
2	PP	LinStatic	-0,0002679	0	22,611	0	0	0
2	REINTSUP	LinStatic	3,075E-06	0	0,572	0	0	0
2	BALLAST	LinStatic	1,845E-05	0	3,43	0	0	0
2	STERRASX	LinStatic	-12,921	0	-30,267	0	0	0
2	STERRADX	LinStatic	12,916	0	29,64	0	0	0
2	TERMP	LinStatic	2,478E-05	0	0,02	0	0	0
2	TERMN	LinStatic	-7,435E-05	0	-0,061	0	0	0
2	GRADTP	LinStatic	-0,0001246	0	-0,038	0	0	0
2	GRADTN	LinStatic	0,0001246	0	0,038	0	0	0
2	LM71C	LinStatic	0,0001082	0	12,73	0	0	0
2	LM71SX	LinStatic	8,868E-05	0	16,79	0	0	0
2	LM71DX	LinStatic	8,868E-05	0	8,658	0	0	0
2	STLM71	LinStatic	-2,606	0	-8,268	0	0	0
2	AVVLM71	LinStatic	-2,304	0	-14,497	0	0	0
2	SW2	LinStatic	6,738E-05	0	12,527	0	0	0
2	STSW2	LinStatic	-4,443	0	-14,095	0	0	0
2	FRENSW2	LinStatic	-2,444	0	-15,375	0	0	0
2	SERP	LinStatic	0	0	0	0	0	0
2	INCRTER	LinStatic	-16,575	0	-52,588	0	0	0
2	LM71SISO	LinStatic	-0,853	0	-5,366	0	0	0
2	SW2SISO	LinStatic	-0,722	0	-4,545	0	0	0
2	SISMAO	LinStatic	-5,522	0	-25,094	0	0	0
2	LM71SVA	LinStatic	-2,473E-06	0	-0,46	0	0	0
2	SW2SVA	LinStatic	-2,088E-06	0	-0,388	0	0	0
2	SISMAVA	LinStatic	3,826E-05	0	-3,255	0	0	0
2	LM71SVB	LinStatic	2,473E-06	0	0,46	0	0	0
2	SW2SVB	LinStatic	2,088E-06	0	0,388	0	0	0
2	SISMAVB	LinStatic	-3,826E-05	0	3,255	0	0	0
3	PP	LinStatic	-0,0002723	0	24,154	0	0	0
3	REINTSUP	LinStatic	3,125E-06	0	0,609	0	0	0
3	BALLAST	LinStatic	1,875E-05	0	3,654	0	0	0
3	STERRASX	LinStatic	-13,87	0	-30,618	0	0	0
3	STERRADX	LinStatic	13,865	0	30,056	0	0	0
3	TERMP	LinStatic	2,519E-05	0	0,018	0	0	0
3	TERMN	LinStatic	-7,556E-05	0	-0,054	0	0	0
3	GRADTP	LinStatic	-0,0001267	0	-0,034	0	0	0
3	GRADTN	LinStatic	0,0001267	0	0,034	0	0	0
3	LM71C	LinStatic	0,0001099	0	13,561	0	0	0
3	LM71SX	LinStatic	9,012E-05	0	17,684	0	0	0
3	LM71DX	LinStatic	9,012E-05	0	9,426	0	0	0
3	STLM71	LinStatic	-2,797	0	-8,368	0	0	0
3	AVVLM71	LinStatic	-2,473	0	-14,692	0	0	0
3	SW2	LinStatic	6,847E-05	0	13,346	0	0	0
3	STSW2	LinStatic	-4,769	0	-14,266	0	0	0
3	FRENSW2	LinStatic	-2,623	0	-15,581	0	0	0
3	SERP	LinStatic	0	0	0	0	0	0
3	INCRTER	LinStatic	-17,793	0	-53,226	0	0	0
3	LM71SISO	LinStatic	-0,915	0	-5,438	0	0	0
3	SW2SISO	LinStatic	-0,775	0	-4,606	0	0	0
3	SISMAO	LinStatic	-5,928	0	-25,427	0	0	0
3	LM71SVA	LinStatic	-2,513E-06	0	-0,49	0	0	0
3	SW2SVA	LinStatic	-2,122E-06	0	-0,414	0	0	0
3	SISMAVA	LinStatic	3,888E-05	0	-3,471	0	0	0
3	LM71SVB	LinStatic	2,513E-06	0	0,49	0	0	0
3	SW2SVB	LinStatic	2,122E-06	0	0,414	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
3	SISMAVB	LinStatic	-3,888E-05	0	3,471	0	0	0
4	PP	LinStatic	-0,0002722	0	25,66	0	0	0
4	REINTSUP	LinStatic	3,123E-06	0	0,645	0	0	0
4	BALLAST	LinStatic	1,874E-05	0	3,87	0	0	0
4	STERRASX	LinStatic	-14,819	0	-30,441	0	0	0
4	STERRADX	LinStatic	14,814	0	29,969	0	0	0
4	TERMP	LinStatic	2,517E-05	0	0,015	0	0	0
4	TERMN	LinStatic	-7,552E-05	0	-0,046	0	0	0
4	GRADTP	LinStatic	-0,0001266	0	-0,028	0	0	0
4	GRADTN	LinStatic	0,0001266	0	0,028	0	0	0
4	LM71C	LinStatic	0,0001099	0	14,36	0	0	0
4	LM71SX	LinStatic	9,008E-05	0	18,478	0	0	0
4	LM71DX	LinStatic	9,008E-05	0	10,233	0	0	0
4	STLM71	LinStatic	-2,989	0	-8,325	0	0	0
4	AVVLM71	LinStatic	-2,643	0	-14,638	0	0	0
4	SW2	LinStatic	6,844E-05	0	14,135	0	0	0
4	STSW2	LinStatic	-5,095	0	-14,193	0	0	0
4	FRENSW2	LinStatic	-2,803	0	-15,525	0	0	0
4	SERP	LinStatic	0	0	0	0	0	0
4	INCRTER	LinStatic	-19,01	0	-52,952	0	0	0
4	LM71SISO	LinStatic	-0,978	0	-5,418	0	0	0
4	SW2SISO	LinStatic	-0,828	0	-4,589	0	0	0
4	SISMAO	LinStatic	-6,333	0	-25,329	0	0	0
4	LM71SVA	LinStatic	-2,512E-06	0	-0,519	0	0	0
4	SW2SVA	LinStatic	-2,121E-06	0	-0,438	0	0	0
4	SISMAVA	LinStatic	3,886E-05	0	-3,679	0	0	0
4	LM71SVB	LinStatic	2,512E-06	0	0,519	0	0	0
4	SW2SVB	LinStatic	2,121E-06	0	0,438	0	0	0
4	SISMAVB	LinStatic	-3,886E-05	0	3,679	0	0	0
5	PP	LinStatic	-0,0002534	0	25,512	0	0	0
5	REINTSUP	LinStatic	2,908E-06	0	0,639	0	0	0
5	BALLAST	LinStatic	1,745E-05	0	3,837	0	0	0
5	STERRASX	LinStatic	-14,818	0	-28,193	0	0	0
5	STERRADX	LinStatic	14,814	0	27,841	0	0	0
5	TERMP	LinStatic	2,344E-05	0	0,011	0	0	0
5	TERMN	LinStatic	-7,032E-05	0	-0,034	0	0	0
5	GRADTP	LinStatic	-0,0001179	0	-0,021	0	0	0
5	GRADTN	LinStatic	0,0001179	0	0,021	0	0	0
5	LM71C	LinStatic	0,0001023	0	14,233	0	0	0
5	LM71SX	LinStatic	8,387E-05	0	18,063	0	0	0
5	LM71DX	LinStatic	8,387E-05	0	10,395	0	0	0
5	STLM71	LinStatic	-2,989	0	-7,715	0	0	0
5	AVVLM71	LinStatic	-2,643	0	-13,587	0	0	0
5	SW2	LinStatic	6,372E-05	0	14,012	0	0	0
5	STSW2	LinStatic	-5,095	0	-13,154	0	0	0
5	FRENSW2	LinStatic	-2,803	0	-14,409	0	0	0
5	SERP	LinStatic	0	0	0	0	0	0
5	INCRTER	LinStatic	-19,01	0	-49,074	0	0	0
5	LM71SISO	LinStatic	-0,978	0	-5,029	0	0	0
5	SW2SISO	LinStatic	-0,828	0	-4,259	0	0	0
5	SISMAO	LinStatic	-6,333	0	-23,505	0	0	0
5	LM71SVA	LinStatic	-2,338E-06	0	-0,514	0	0	0
5	SW2SVA	LinStatic	-1,975E-06	0	-0,434	0	0	0
5	SISMAVA	LinStatic	3,618E-05	0	-3,65	0	0	0
5	LM71SVB	LinStatic	2,338E-06	0	0,514	0	0	0
5	SW2SVB	LinStatic	1,975E-06	0	0,434	0	0	0
5	SISMAVB	LinStatic	-3,618E-05	0	3,65	0	0	0
6	PP	LinStatic	-0,0002346	0	25,367	0	0	0
6	REINTSUP	LinStatic	2,693E-06	0	0,634	0	0	0
6	BALLAST	LinStatic	1,616E-05	0	3,804	0	0	0
6	STERRASX	LinStatic	-14,818	0	-25,97	0	0	0
6	STERRADX	LinStatic	14,814	0	25,728	0	0	0
6	TERMP	LinStatic	2,17E-05	0	0,007796	0	0	0
6	TERMN	LinStatic	-6,511E-05	0	-0,023	0	0	0
6	GRADTP	LinStatic	-0,0001092	0	-0,014	0	0	0
6	GRADTN	LinStatic	0,0001092	0	0,014	0	0	0
6	LM71C	LinStatic	9,472E-05	0	14,108	0	0	0
6	LM71SX	LinStatic	7,765E-05	0	17,652	0	0	0
6	LM71DX	LinStatic	7,765E-05	0	10,56	0	0	0
6	STLM71	LinStatic	-2,989	0	-7,112	0	0	0
6	AVVLM71	LinStatic	-2,643	0	-12,543	0	0	0
6	SW2	LinStatic	5,9E-05	0	13,891	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
6	STSW2	LinStatic	-5,095	0	-12,124	0	0	0
6	FRENSW2	LinStatic	-2,803	0	-13,303	0	0	0
6	SERP	LinStatic	0	0	0	0	0	0
6	INCRTER	LinStatic	-19,009	0	-45,234	0	0	0
6	LM71SISO	LinStatic	-0,978	0	-4,642	0	0	0
6	SW2SISO	LinStatic	-0,828	0	-3,932	0	0	0
6	SISMAO	LinStatic	-6,333	0	-21,696	0	0	0
6	LM71SVA	LinStatic	-2,165E-06	0	-0,51	0	0	0
6	SW2SVA	LinStatic	-1,829E-06	0	-0,431	0	0	0
6	SISMAVA	LinStatic	3,35E-05	0	-3,622	0	0	0
6	LM71SVB	LinStatic	2,165E-06	0	0,51	0	0	0
6	SW2SVB	LinStatic	1,829E-06	0	0,431	0	0	0
6	SISMAVB	LinStatic	-3,35E-05	0	3,622	0	0	0
7	PP	LinStatic	-0,0002159	0	25,226	0	0	0
7	REINTSUP	LinStatic	2,477E-06	0	0,629	0	0	0
7	BALLAST	LinStatic	1,486E-05	0	3,772	0	0	0
7	STERRASX	LinStatic	-14,818	0	-23,771	0	0	0
7	STERRADX	LinStatic	14,814	0	23,631	0	0	0
7	TERMP	LinStatic	1,997E-05	0	0,004497	0	0	0
7	TERMN	LinStatic	-5,99E-05	0	-0,013	0	0	0
7	GRADTP	LinStatic	-0,0001004	0	-0,00836	0	0	0
7	GRADTN	LinStatic	0,0001004	0	0,00836	0	0	0
7	LM71C	LinStatic	8,714E-05	0	13,988	0	0	0
7	LM71SX	LinStatic	7,144E-05	0	17,245	0	0	0
7	LM71DX	LinStatic	7,144E-05	0	10,728	0	0	0
7	STLM71	LinStatic	-2,989	0	-6,514	0	0	0
7	AVVLM71	LinStatic	-2,643	0	-11,507	0	0	0
7	SW2	LinStatic	5,428E-05	0	13,775	0	0	0
7	STSW2	LinStatic	-5,095	0	-11,105	0	0	0
7	FRENSW2	LinStatic	-2,803	0	-12,204	0	0	0
7	SERP	LinStatic	0	0	0	0	0	0
7	INCRTER	LinStatic	-19,009	0	-41,432	0	0	0
7	LM71SISO	LinStatic	-0,978	0	-4,259	0	0	0
7	SW2SISO	LinStatic	-0,828	0	-3,607	0	0	0
7	SISMAO	LinStatic	-6,333	0	-19,901	0	0	0
7	LM71SVA	LinStatic	-1,992E-06	0	-0,506	0	0	0
7	SW2SVA	LinStatic	-1,682E-06	0	-0,427	0	0	0
7	SISMAVA	LinStatic	3,082E-05	0	-3,594	0	0	0
7	LM71SVB	LinStatic	1,992E-06	0	0,506	0	0	0
7	SW2SVB	LinStatic	1,682E-06	0	0,427	0	0	0
7	SISMAVB	LinStatic	-3,082E-05	0	3,594	0	0	0
8	PP	LinStatic	-0,0001971	0	25,09	0	0	0
8	REINTSUP	LinStatic	2,262E-06	0	0,624	0	0	0
8	BALLAST	LinStatic	1,357E-05	0	3,741	0	0	0
8	STERRASX	LinStatic	-14,817	0	-21,594	0	0	0
8	STERRADX	LinStatic	14,814	0	21,548	0	0	0
8	TERMP	LinStatic	1,823E-05	0	0,001475	0	0	0
8	TERMN	LinStatic	-5,469E-05	0	-0,004426	0	0	0
8	GRADTP	LinStatic	-9,169E-05	0	-0,002743	0	0	0
8	GRADTN	LinStatic	9,169E-05	0	0,002743	0	0	0
8	LM71C	LinStatic	7,956E-05	0	13,873	0	0	0
8	LM71SX	LinStatic	6,523E-05	0	16,845	0	0	0
8	LM71DX	LinStatic	6,523E-05	0	10,9	0	0	0
8	STLM71	LinStatic	-2,989	0	-5,922	0	0	0
8	AVVLM71	LinStatic	-2,643	0	-10,479	0	0	0
8	SW2	LinStatic	4,956E-05	0	13,663	0	0	0
8	STSW2	LinStatic	-5,095	0	-10,096	0	0	0
8	FRENSW2	LinStatic	-2,803	0	-11,113	0	0	0
8	SERP	LinStatic	0	0	0	0	0	0
8	INCRTER	LinStatic	-19,009	0	-37,666	0	0	0
8	LM71SISO	LinStatic	-0,978	0	-3,878	0	0	0
8	SW2SISO	LinStatic	-0,828	0	-3,285	0	0	0
8	SISMAO	LinStatic	-6,333	0	-18,12	0	0	0
8	LM71SVA	LinStatic	-1,819E-06	0	-0,501	0	0	0
8	SW2SVA	LinStatic	-1,536E-06	0	-0,423	0	0	0
8	SISMAVA	LinStatic	2,814E-05	0	-3,568	0	0	0
8	LM71SVB	LinStatic	1,819E-06	0	0,501	0	0	0
8	SW2SVB	LinStatic	1,536E-06	0	0,423	0	0	0
8	SISMAVB	LinStatic	-2,814E-05	0	3,568	0	0	0
9	PP	LinStatic	-0,0001783	0	24,962	0	0	0
9	REINTSUP	LinStatic	2,046E-06	0	0,619	0	0	0
9	BALLAST	LinStatic	1,228E-05	0	3,713	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	STERRASX	LinStatic	-14,817	0	-19,44	0	0	0
9	STERRADX	LinStatic	14,814	0	19,479	0	0	0
9	TERMP	LinStatic	1,649E-05	0	-0,001268	0	0	0
9	TERMN	LinStatic	-4,948E-05	0	0,003804	0	0	0
9	GRADTP	LinStatic	-8,295E-05	0	0,002357	0	0	0
9	GRADTN	LinStatic	8,295E-05	0	-0,002357	0	0	0
9	LM71C	LinStatic	7,199E-05	0	13,765	0	0	0
9	LM71SX	LinStatic	5,902E-05	0	16,452	0	0	0
9	LM71DX	LinStatic	5,902E-05	0	11,079	0	0	0
9	STLM71	LinStatic	-2,988	0	-5,335	0	0	0
9	AVVLM71	LinStatic	-2,643	0	-9,457	0	0	0
9	SW2	LinStatic	4,484E-05	0	13,558	0	0	0
9	STSW2	LinStatic	-5,095	0	-9,096	0	0	0
9	FRENSW2	LinStatic	-2,803	0	-10,03	0	0	0
9	SERP	LinStatic	0	0	0	0	0	0
9	INCRTER	LinStatic	-19,008	0	-33,934	0	0	0
9	LM71SISO	LinStatic	-0,978	0	-3,5	0	0	0
9	SW2SISO	LinStatic	-0,828	0	-2,965	0	0	0
9	SISMAO	LinStatic	-6,333	0	-16,351	0	0	0
9	LM71SVA	LinStatic	-1,646E-06	0	-0,498	0	0	0
9	SW2SVA	LinStatic	-1,39E-06	0	-0,42	0	0	0
9	SISMAVA	LinStatic	2,546E-05	0	-3,543	0	0	0
9	LM71SVB	LinStatic	1,646E-06	0	0,498	0	0	0
9	SW2SVB	LinStatic	1,39E-06	0	0,42	0	0	0
9	SISMAVB	LinStatic	-2,546E-05	0	3,543	0	0	0
10	PP	LinStatic	-0,0001595	0	24,842	0	0	0
10	REINTSUP	LinStatic	1,831E-06	0	0,614	0	0	0
10	BALLAST	LinStatic	1,099E-05	0	3,686	0	0	0
10	STERRASX	LinStatic	-14,817	0	-17,306	0	0	0
10	STERRADX	LinStatic	14,814	0	17,422	0	0	0
10	TERMP	LinStatic	1,476E-05	0	-0,003734	0	0	0
10	TERMN	LinStatic	-4,427E-05	0	0,011	0	0	0
10	GRADTP	LinStatic	-7,422E-05	0	0,006942	0	0	0
10	GRADTN	LinStatic	7,422E-05	0	-0,006942	0	0	0
10	LM71C	LinStatic	6,441E-05	0	13,665	0	0	0
10	LM71SX	LinStatic	5,28E-05	0	16,067	0	0	0
10	LM71DX	LinStatic	5,28E-05	0	11,265	0	0	0
10	STLM71	LinStatic	-2,988	0	-4,754	0	0	0
10	AVVLM71	LinStatic	-2,643	0	-8,442	0	0	0
10	SW2	LinStatic	4,012E-05	0	13,461	0	0	0
10	STSW2	LinStatic	-5,095	0	-8,104	0	0	0
10	FRENSW2	LinStatic	-2,803	0	-8,954	0	0	0
10	SERP	LinStatic	0	0	0	0	0	0
10	INCRTER	LinStatic	-19,008	0	-30,236	0	0	0
10	LM71SISO	LinStatic	-0,978	0	-3,125	0	0	0
10	SW2SISO	LinStatic	-0,828	0	-2,647	0	0	0
10	SISMAO	LinStatic	-6,333	0	-14,595	0	0	0
10	LM71SVA	LinStatic	-1,472E-06	0	-0,494	0	0	0
10	SW2SVA	LinStatic	-1,243E-06	0	-0,417	0	0	0
10	SISMAVA	LinStatic	2,278E-05	0	-3,519	0	0	0
10	LM71SVB	LinStatic	1,472E-06	0	0,494	0	0	0
10	SW2SVB	LinStatic	1,243E-06	0	0,417	0	0	0
10	SISMAVB	LinStatic	-2,278E-05	0	3,519	0	0	0
11	PP	LinStatic	-0,0001408	0	24,732	0	0	0
11	REINTSUP	LinStatic	1,615E-06	0	0,61	0	0	0
11	BALLAST	LinStatic	9,693E-06	0	3,662	0	0	0
11	STERRASX	LinStatic	-14,816	0	-15,192	0	0	0
11	STERRADX	LinStatic	14,814	0	15,375	0	0	0
11	TERMP	LinStatic	1,302E-05	0	-0,005924	0	0	0
11	TERMN	LinStatic	-3,906E-05	0	0,018	0	0	0
11	GRADTP	LinStatic	-6,549E-05	0	0,011	0	0	0
11	GRADTN	LinStatic	6,549E-05	0	-0,011	0	0	0
11	LM71C	LinStatic	5,683E-05	0	13,573	0	0	0
11	LM71SX	LinStatic	4,659E-05	0	15,692	0	0	0
11	LM71DX	LinStatic	4,659E-05	0	11,458	0	0	0
11	STLM71	LinStatic	-2,988	0	-4,177	0	0	0
11	AVVLM71	LinStatic	-2,643	0	-7,434	0	0	0
11	SW2	LinStatic	3,54E-05	0	13,372	0	0	0
11	STSW2	LinStatic	-5,095	0	-7,121	0	0	0
11	FRENSW2	LinStatic	-2,803	0	-7,884	0	0	0
11	SERP	LinStatic	0	0	0	0	0	0
11	INCRTER	LinStatic	-19,008	0	-26,567	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
11	LM71SISO	LinStatic	-0,978	0	-2,751	0	0	0
11	SW2SISO	LinStatic	-0,828	0	-2,33	0	0	0
11	SISMAO	LinStatic	-6,333	0	-12,85	0	0	0
11	LM71SVA	LinStatic	-1,299E-06	0	-0,491	0	0	0
11	SW2SVA	LinStatic	-1,097E-06	0	-0,414	0	0	0
11	SISMAVA	LinStatic	2,01E-05	0	-3,498	0	0	0
11	LM71SVB	LinStatic	1,299E-06	0	0,491	0	0	0
11	SW2SVB	LinStatic	1,097E-06	0	0,414	0	0	0
11	SISMAVB	LinStatic	-2,01E-05	0	3,498	0	0	0
12	PP	LinStatic	-0,000122	0	24,634	0	0	0
12	REINTSUP	LinStatic	1,4E-06	0	0,607	0	0	0
12	BALLAST	LinStatic	8,401E-06	0	3,64	0	0	0
12	STERRASX	LinStatic	-14,816	0	-13,095	0	0	0
12	STERRADX	LinStatic	14,814	0	13,338	0	0	0
12	TERMP	LinStatic	1,128E-05	0	-0,007838	0	0	0
12	TERMN	LinStatic	-3,385E-05	0	0,024	0	0	0
12	GRADTP	LinStatic	-5,676E-05	0	0,015	0	0	0
12	GRADTN	LinStatic	5,676E-05	0	-0,015	0	0	0
12	LM71C	LinStatic	4,925E-05	0	13,491	0	0	0
12	LM71SX	LinStatic	4,038E-05	0	15,326	0	0	0
12	LM71DX	LinStatic	4,038E-05	0	11,66	0	0	0
12	STLM71	LinStatic	-2,988	0	-3,605	0	0	0
12	AVVLM71	LinStatic	-2,643	0	-6,431	0	0	0
12	SW2	LinStatic	3,068E-05	0	13,293	0	0	0
12	STSW2	LinStatic	-5,095	0	-6,145	0	0	0
12	FRENSW2	LinStatic	-2,803	0	-6,82	0	0	0
12	SERP	LinStatic	0	0	0	0	0	0
12	INCRTER	LinStatic	-19,007	0	-22,927	0	0	0
12	LM71SISO	LinStatic	-0,978	0	-2,38	0	0	0
12	SW2SISO	LinStatic	-0,828	0	-2,016	0	0	0
12	SISMAO	LinStatic	-6,333	0	-11,115	0	0	0
12	LM71SVA	LinStatic	-1,126E-06	0	-0,488	0	0	0
12	SW2SVA	LinStatic	-9,509E-07	0	-0,412	0	0	0
12	SISMAVA	LinStatic	1,742E-05	0	-3,479	0	0	0
12	LM71SVB	LinStatic	1,126E-06	0	0,488	0	0	0
12	SW2SVB	LinStatic	9,509E-07	0	0,412	0	0	0
12	SISMAVB	LinStatic	-1,742E-05	0	3,479	0	0	0
13	PP	LinStatic	-0,0001032	0	24,548	0	0	0
13	REINTSUP	LinStatic	1,185E-06	0	0,603	0	0	0
13	BALLAST	LinStatic	7,108E-06	0	3,621	0	0	0
13	STERRASX	LinStatic	-14,816	0	-11,015	0	0	0
13	STERRADX	LinStatic	14,814	0	11,309	0	0	0
13	TERMP	LinStatic	9,549E-06	0	-0,009478	0	0	0
13	TERMN	LinStatic	-2,865E-05	0	0,028	0	0	0
13	GRADTP	LinStatic	-4,803E-05	0	0,018	0	0	0
13	GRADTN	LinStatic	4,803E-05	0	-0,018	0	0	0
13	LM71C	LinStatic	4,168E-05	0	13,419	0	0	0
13	LM71SX	LinStatic	3,417E-05	0	14,972	0	0	0
13	LM71DX	LinStatic	3,417E-05	0	11,872	0	0	0
13	STLM71	LinStatic	-2,988	0	-3,036	0	0	0
13	AVVLM71	LinStatic	-2,642	0	-5,433	0	0	0
13	SW2	LinStatic	2,596E-05	0	13,223	0	0	0
13	STSW2	LinStatic	-5,095	0	-5,176	0	0	0
13	FRENSW2	LinStatic	-2,802	0	-5,762	0	0	0
13	SERP	LinStatic	0	0	0	0	0	0
13	INCRTER	LinStatic	-19,007	0	-19,311	0	0	0
13	LM71SISO	LinStatic	-0,978	0	-2,011	0	0	0
13	SW2SISO	LinStatic	-0,828	0	-1,703	0	0	0
13	SISMAO	LinStatic	-6,333	0	-9,389	0	0	0
13	LM71SVA	LinStatic	-9,527E-07	0	-0,485	0	0	0
13	SW2SVA	LinStatic	-8,046E-07	0	-0,41	0	0	0
13	SISMAVA	LinStatic	1,474E-05	0	-3,462	0	0	0
13	LM71SVB	LinStatic	9,527E-07	0	0,485	0	0	0
13	SW2SVB	LinStatic	8,046E-07	0	0,41	0	0	0
13	SISMAVB	LinStatic	-1,474E-05	0	3,462	0	0	0
14	PP	LinStatic	-8,446E-05	0	24,475	0	0	0
14	REINTSUP	LinStatic	9,693E-07	0	0,601	0	0	0
14	BALLAST	LinStatic	5,816E-06	0	3,605	0	0	0
14	STERRASX	LinStatic	-14,816	0	-8,95	0	0	0
14	STERRADX	LinStatic	14,814	0	9,286	0	0	0
14	TERMP	LinStatic	7,813E-06	0	-0,011	0	0	0
14	TERMN	LinStatic	-2,344E-05	0	0,033	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
14	GRADTP	LinStatic	-3,929E-05	0	0,02	0	0	0
14	GRADTN	LinStatic	3,929E-05	0	-0,02	0	0	0
14	LM71C	LinStatic	3,41E-05	0	13,359	0	0	0
14	LM71SX	LinStatic	2,795E-05	0	14,629	0	0	0
14	LM71DX	LinStatic	2,795E-05	0	12,095	0	0	0
14	STLM71	LinStatic	-2,988	0	-2,471	0	0	0
14	AVVLM71	LinStatic	-2,642	0	-4,439	0	0	0
14	SW2	LinStatic	2,124E-05	0	13,164	0	0	0
14	STSW2	LinStatic	-5,094	0	-4,213	0	0	0
14	FRENSW2	LinStatic	-2,802	0	-4,708	0	0	0
14	SERP	LinStatic	0	0	0	0	0	0
14	INCRTER	LinStatic	-19,007	0	-15,719	0	0	0
14	LM71SISO	LinStatic	-0,978	0	-1,643	0	0	0
14	SW2SISO	LinStatic	-0,828	0	-1,392	0	0	0
14	SISMAO	LinStatic	-6,333	0	-7,671	0	0	0
14	LM71SVA	LinStatic	-7,795E-07	0	-0,483	0	0	0
14	SW2SVA	LinStatic	-6,583E-07	0	-0,408	0	0	0
14	SISMAVA	LinStatic	1,206E-05	0	-3,448	0	0	0
14	LM71SVB	LinStatic	7,795E-07	0	0,483	0	0	0
14	SW2SVB	LinStatic	6,583E-07	0	0,408	0	0	0
14	SISMAVB	LinStatic	-1,206E-05	0	3,448	0	0	0
15	PP	LinStatic	-6,569E-05	0	24,415	0	0	0
15	REINTSUP	LinStatic	7,539E-07	0	0,599	0	0	0
15	BALLAST	LinStatic	4,523E-06	0	3,591	0	0	0
15	STERRASX	LinStatic	-14,815	0	-6,898	0	0	0
15	STERRADX	LinStatic	14,814	0	7,268	0	0	0
15	TERMP	LinStatic	6,076E-06	0	-0,012	0	0	0
15	TERMN	LinStatic	-1,823E-05	0	0,036	0	0	0
15	GRADTP	LinStatic	-3,056E-05	0	0,022	0	0	0
15	GRADTN	LinStatic	3,056E-05	0	-0,022	0	0	0
15	LM71C	LinStatic	2,652E-05	0	13,31	0	0	0
15	LM71SX	LinStatic	2,174E-05	0	14,298	0	0	0
15	LM71DX	LinStatic	2,174E-05	0	12,328	0	0	0
15	STLM71	LinStatic	-2,988	0	-1,91	0	0	0
15	AVVLM71	LinStatic	-2,642	0	-3,449	0	0	0
15	SW2	LinStatic	1,652E-05	0	13,116	0	0	0
15	STSW2	LinStatic	-5,094	0	-3,256	0	0	0
15	FRENSW2	LinStatic	-2,802	0	-3,658	0	0	0
15	SERP	LinStatic	0	0	0	0	0	0
15	INCRTER	LinStatic	-19,006	0	-12,146	0	0	0
15	LM71SISO	LinStatic	-0,978	0	-1,276	0	0	0
15	SW2SISO	LinStatic	-0,828	0	-1,081	0	0	0
15	SISMAO	LinStatic	-6,333	0	-5,96	0	0	0
15	LM71SVA	LinStatic	-6,063E-07	0	-0,481	0	0	0
15	SW2SVA	LinStatic	-5,12E-07	0	-0,407	0	0	0
15	SISMAVA	LinStatic	9,381E-06	0	-3,436	0	0	0
15	LM71SVB	LinStatic	6,063E-07	0	0,481	0	0	0
15	SW2SVB	LinStatic	5,12E-07	0	0,407	0	0	0
15	SISMAVB	LinStatic	-9,381E-06	0	3,436	0	0	0
16	PP	LinStatic	-4,692E-05	0	24,37	0	0	0
16	REINTSUP	LinStatic	5,385E-07	0	0,597	0	0	0
16	BALLAST	LinStatic	3,231E-06	0	3,582	0	0	0
16	STERRASX	LinStatic	-14,815	0	-4,856	0	0	0
16	STERRADX	LinStatic	14,814	0	5,252	0	0	0
16	TERMP	LinStatic	4,34E-06	0	-0,013	0	0	0
16	TERMN	LinStatic	-1,302E-05	0	0,038	0	0	0
16	GRADTP	LinStatic	-2,183E-05	0	0,024	0	0	0
16	GRADTN	LinStatic	2,183E-05	0	-0,024	0	0	0
16	LM71C	LinStatic	1,894E-05	0	13,272	0	0	0
16	LM71SX	LinStatic	1,553E-05	0	13,98	0	0	0
16	LM71DX	LinStatic	1,553E-05	0	12,573	0	0	0
16	STLM71	LinStatic	-2,988	0	-1,35	0	0	0
16	AVVLM71	LinStatic	-2,642	0	-2,461	0	0	0
16	SW2	LinStatic	1,18E-05	0	13,08	0	0	0
16	STSW2	LinStatic	-5,094	0	-2,302	0	0	0
16	FRENSW2	LinStatic	-2,802	0	-2,61	0	0	0
16	SERP	LinStatic	0	0	0	0	0	0
16	INCRTER	LinStatic	-19,006	0	-8,589	0	0	0
16	LM71SISO	LinStatic	-0,978	0	-0,911	0	0	0
16	SW2SISO	LinStatic	-0,828	0	-0,772	0	0	0
16	SISMAO	LinStatic	-6,333	0	-4,253	0	0	0
16	LM71SVA	LinStatic	-4,33E-07	0	-0,48	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
16	SW2SVA	LinStatic	-3,657E-07	0	-0,405	0	0	0
16	SISMAVA	LinStatic	6,701E-06	0	-3,427	0	0	0
16	LM71SVB	LinStatic	4,33E-07	0	0,48	0	0	0
16	SW2SVB	LinStatic	3,657E-07	0	0,405	0	0	0
16	SISMAVB	LinStatic	-6,701E-06	0	3,427	0	0	0
17	PP	LinStatic	-2,815E-05	0	24,34	0	0	0
17	REINTSUP	LinStatic	3,231E-07	0	0,596	0	0	0
17	BALLAST	LinStatic	1,939E-06	0	3,575	0	0	0
17	STERRASX	LinStatic	-14,815	0	-2,824	0	0	0
17	STERRADX	LinStatic	14,815	0	3,237	0	0	0
17	TERMP	LinStatic	2,604E-06	0	-0,013	0	0	0
17	TERMN	LinStatic	-7,813E-06	0	0,04	0	0	0
17	GRADTP	LinStatic	-1,31E-05	0	0,025	0	0	0
17	GRADTN	LinStatic	1,31E-05	0	-0,025	0	0	0
17	LM71C	LinStatic	1,137E-05	0	13,247	0	0	0
17	LM71SX	LinStatic	9,318E-06	0	13,673	0	0	0
17	LM71DX	LinStatic	9,318E-06	0	12,829	0	0	0
17	STLM71	LinStatic	-2,988	0	-0,793	0	0	0
17	AVVLM71	LinStatic	-2,642	0	-1,476	0	0	0
17	SW2	LinStatic	7,08E-06	0	13,056	0	0	0
17	STSW2	LinStatic	-5,094	0	-1,353	0	0	0
17	FRENSW2	LinStatic	-2,802	0	-1,565	0	0	0
17	SERP	LinStatic	0	0	0	0	0	0
17	INCRTER	LinStatic	-19,006	0	-5,046	0	0	0
17	LM71SISO	LinStatic	-0,978	0	-0,546	0	0	0
17	SW2SISO	LinStatic	-0,828	0	-0,463	0	0	0
17	SISMAO	LinStatic	-6,333	0	-2,55	0	0	0
17	LM71SVA	LinStatic	-2,598E-07	0	-0,479	0	0	0
17	SW2SVA	LinStatic	-2,194E-07	0	-0,405	0	0	0
17	SISMAVA	LinStatic	4,02E-06	0	-3,421	0	0	0
17	LM71SVB	LinStatic	2,598E-07	0	0,479	0	0	0
17	SW2SVB	LinStatic	2,194E-07	0	0,405	0	0	0
17	SISMAVB	LinStatic	-4,02E-06	0	3,421	0	0	0
18	PP	LinStatic	-9,385E-06	0	24,325	0	0	0
18	REINTSUP	LinStatic	1,077E-07	0	0,595	0	0	0
18	BALLAST	LinStatic	6,462E-07	0	3,572	0	0	0
18	STERRASX	LinStatic	-14,815	0	-0,799	0	0	0
18	STERRADX	LinStatic	14,815	0	1,22	0	0	0
18	TERMP	LinStatic	8,681E-07	0	-0,014	0	0	0
18	TERMN	LinStatic	-2,604E-06	0	0,041	0	0	0
18	GRADTP	LinStatic	-4,366E-06	0	0,025	0	0	0
18	GRADTN	LinStatic	4,366E-06	0	-0,025	0	0	0
18	LM71C	LinStatic	3,789E-06	0	13,235	0	0	0
18	LM71SX	LinStatic	3,106E-06	0	13,379	0	0	0
18	LM71DX	LinStatic	3,106E-06	0	13,098	0	0	0
18	STLM71	LinStatic	-2,988	0	-0,238	0	0	0
18	AVVLM71	LinStatic	-2,642	0	-0,492	0	0	0
18	SW2	LinStatic	2,36E-06	0	13,044	0	0	0
18	STSW2	LinStatic	-5,094	0	-0,405	0	0	0
18	FRENSW2	LinStatic	-2,802	0	-0,522	0	0	0
18	SERP	LinStatic	0	0	0	0	0	0
18	INCRTER	LinStatic	-19,006	0	-1,513	0	0	0
18	LM71SISO	LinStatic	-0,978	0	-0,182	0	0	0
18	SW2SISO	LinStatic	-0,828	0	-0,154	0	0	0
18	SISMAO	LinStatic	-6,333	0	-0,85	0	0	0
18	LM71SVA	LinStatic	-8,661E-08	0	-0,479	0	0	0
18	SW2SVA	LinStatic	-7,314E-08	0	-0,404	0	0	0
18	SISMAVA	LinStatic	1,34E-06	0	-3,418	0	0	0
18	LM71SVB	LinStatic	8,661E-08	0	0,479	0	0	0
18	SW2SVB	LinStatic	7,314E-08	0	0,404	0	0	0
18	SISMAVB	LinStatic	-1,34E-06	0	3,418	0	0	0
19	PP	LinStatic	9,385E-06	0	24,325	0	0	0
19	REINTSUP	LinStatic	-1,077E-07	0	0,595	0	0	0
19	BALLAST	LinStatic	-6,462E-07	0	3,572	0	0	0
19	STERRASX	LinStatic	-14,815	0	1,22	0	0	0
19	STERRADX	LinStatic	14,815	0	-0,799	0	0	0
19	TERMP	LinStatic	-8,681E-07	0	-0,014	0	0	0
19	TERMN	LinStatic	2,604E-06	0	0,041	0	0	0
19	GRADTP	LinStatic	4,366E-06	0	0,025	0	0	0
19	GRADTN	LinStatic	-4,366E-06	0	-0,025	0	0	0
19	LM71C	LinStatic	-3,789E-06	0	13,235	0	0	0
19	LM71SX	LinStatic	-3,106E-06	0	13,098	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
19	LM71DX	LinStatic	-3,106E-06	0	13,379	0	0	0
19	STLM71	LinStatic	-2,988	0	0,317	0	0	0
19	AVVLM71	LinStatic	-2,642	0	0,492	0	0	0
19	SW2	LinStatic	-2,36E-06	0	13,044	0	0	0
19	STSW2	LinStatic	-5,094	0	0,54	0	0	0
19	FRENSW2	LinStatic	-2,802	0	0,522	0	0	0
19	SERP	LinStatic	0	0	0	0	0	0
19	INCRTER	LinStatic	-19,006	0	2,014	0	0	0
19	LM71SISO	LinStatic	-0,978	0	0,182	0	0	0
19	SW2SISO	LinStatic	-0,828	0	0,154	0	0	0
19	SISMAO	LinStatic	-6,333	0	0,85	0	0	0
19	LM71SVA	LinStatic	8,661E-08	0	-0,479	0	0	0
19	SW2SVA	LinStatic	7,314E-08	0	-0,404	0	0	0
19	SISMAVA	LinStatic	-1,34E-06	0	-3,418	0	0	0
19	LM71SVB	LinStatic	-8,661E-08	0	0,479	0	0	0
19	SW2SVB	LinStatic	-7,314E-08	0	0,404	0	0	0
19	SISMAVB	LinStatic	1,34E-06	0	3,418	0	0	0
20	PP	LinStatic	2,815E-05	0	24,34	0	0	0
20	REINTSUP	LinStatic	-3,231E-07	0	0,596	0	0	0
20	BALLAST	LinStatic	-1,939E-06	0	3,575	0	0	0
20	STERRASX	LinStatic	-14,815	0	3,237	0	0	0
20	STERRADX	LinStatic	14,815	0	-2,824	0	0	0
20	TERMP	LinStatic	-2,604E-06	0	-0,013	0	0	0
20	TERMN	LinStatic	7,813E-06	0	0,04	0	0	0
20	GRADTP	LinStatic	1,31E-05	0	0,025	0	0	0
20	GRADTN	LinStatic	-1,31E-05	0	-0,025	0	0	0
20	LM71C	LinStatic	-1,137E-05	0	13,247	0	0	0
20	LM71SX	LinStatic	-9,318E-06	0	12,829	0	0	0
20	LM71DX	LinStatic	-9,318E-06	0	13,673	0	0	0
20	STLM71	LinStatic	-2,988	0	0,871	0	0	0
20	AVVLM71	LinStatic	-2,642	0	1,476	0	0	0
20	SW2	LinStatic	-7,08E-06	0	13,056	0	0	0
20	STSW2	LinStatic	-5,094	0	1,484	0	0	0
20	FRENSW2	LinStatic	-2,802	0	1,565	0	0	0
20	SERP	LinStatic	0	0	0	0	0	0
20	INCRTER	LinStatic	-19,005	0	5,537	0	0	0
20	LM71SISO	LinStatic	-0,978	0	0,546	0	0	0
20	SW2SISO	LinStatic	-0,828	0	0,463	0	0	0
20	SISMAO	LinStatic	-6,333	0	2,55	0	0	0
20	LM71SVA	LinStatic	2,598E-07	0	-0,479	0	0	0
20	SW2SVA	LinStatic	2,194E-07	0	-0,405	0	0	0
20	SISMAVA	LinStatic	-4,02E-06	0	-3,421	0	0	0
20	LM71SVB	LinStatic	-2,598E-07	0	0,479	0	0	0
20	SW2SVB	LinStatic	-2,194E-07	0	0,405	0	0	0
20	SISMAVB	LinStatic	4,02E-06	0	3,421	0	0	0
21	PP	LinStatic	4,692E-05	0	24,37	0	0	0
21	REINTSUP	LinStatic	-5,385E-07	0	0,597	0	0	0
21	BALLAST	LinStatic	-3,231E-06	0	3,582	0	0	0
21	STERRASX	LinStatic	-14,814	0	5,252	0	0	0
21	STERRADX	LinStatic	14,815	0	-4,856	0	0	0
21	TERMP	LinStatic	-4,34E-06	0	-0,013	0	0	0
21	TERMN	LinStatic	1,302E-05	0	0,038	0	0	0
21	GRADTP	LinStatic	2,183E-05	0	0,024	0	0	0
21	GRADTN	LinStatic	-2,183E-05	0	-0,024	0	0	0
21	LM71C	LinStatic	-1,894E-05	0	13,272	0	0	0
21	LM71SX	LinStatic	-1,553E-05	0	12,573	0	0	0
21	LM71DX	LinStatic	-1,553E-05	0	13,98	0	0	0
21	STLM71	LinStatic	-2,988	0	1,424	0	0	0
21	AVVLM71	LinStatic	-2,642	0	2,461	0	0	0
21	SW2	LinStatic	-1,18E-05	0	13,08	0	0	0
21	STSW2	LinStatic	-5,094	0	2,428	0	0	0
21	FRENSW2	LinStatic	-2,802	0	2,61	0	0	0
21	SERP	LinStatic	0	0	0	0	0	0
21	INCRTER	LinStatic	-19,005	0	9,06	0	0	0
21	LM71SISO	LinStatic	-0,978	0	0,911	0	0	0
21	SW2SISO	LinStatic	-0,828	0	0,772	0	0	0
21	SISMAO	LinStatic	-6,333	0	4,253	0	0	0
21	LM71SVA	LinStatic	4,33E-07	0	-0,48	0	0	0
21	SW2SVA	LinStatic	3,657E-07	0	-0,405	0	0	0
21	SISMAVA	LinStatic	-6,701E-06	0	-3,427	0	0	0
21	LM71SVB	LinStatic	-4,33E-07	0	0,48	0	0	0
21	SW2SVB	LinStatic	-3,657E-07	0	0,405	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
21	SISMAVB	LinStatic	6,701E-06	0	3,427	0	0	0
22	PP	LinStatic	6,569E-05	0	24,415	0	0	0
22	REINTSUP	LinStatic	-7,539E-07	0	0,599	0	0	0
22	BALLAST	LinStatic	-4,523E-06	0	3,591	0	0	0
22	STERRASX	LinStatic	-14,814	0	7,268	0	0	0
22	STERRADX	LinStatic	14,815	0	-6,898	0	0	0
22	TERMP	LinStatic	-6,076E-06	0	-0,012	0	0	0
22	TERMN	LinStatic	1,823E-05	0	0,036	0	0	0
22	GRADTP	LinStatic	3,056E-05	0	0,022	0	0	0
22	GRADTN	LinStatic	-3,056E-05	0	-0,022	0	0	0
22	LM71C	LinStatic	-2,652E-05	0	13,31	0	0	0
22	LM71SX	LinStatic	-2,174E-05	0	12,328	0	0	0
22	LM71DX	LinStatic	-2,174E-05	0	14,298	0	0	0
22	STLM71	LinStatic	-2,988	0	1,979	0	0	0
22	AVVLM71	LinStatic	-2,642	0	3,449	0	0	0
22	SW2	LinStatic	-1,652E-05	0	13,116	0	0	0
22	STSW2	LinStatic	-5,094	0	3,374	0	0	0
22	FRENSW2	LinStatic	-2,802	0	3,658	0	0	0
22	SERP	LinStatic	0	0	0	0	0	0
22	INCRTER	LinStatic	-19,005	0	12,587	0	0	0
22	LM71SISO	LinStatic	-0,978	0	1,276	0	0	0
22	SW2SISO	LinStatic	-0,828	0	1,081	0	0	0
22	SISMAO	LinStatic	-6,333	0	5,96	0	0	0
22	LM71SVA	LinStatic	6,063E-07	0	-0,481	0	0	0
22	SW2SVA	LinStatic	5,12E-07	0	-0,407	0	0	0
22	SISMAVA	LinStatic	-9,381E-06	0	-3,436	0	0	0
22	LM71SVB	LinStatic	-6,063E-07	0	0,481	0	0	0
22	SW2SVB	LinStatic	-5,12E-07	0	0,407	0	0	0
22	SISMAVB	LinStatic	9,381E-06	0	3,436	0	0	0
23	PP	LinStatic	8,446E-05	0	24,475	0	0	0
23	REINTSUP	LinStatic	-9,693E-07	0	0,601	0	0	0
23	BALLAST	LinStatic	-5,816E-06	0	3,605	0	0	0
23	STERRASX	LinStatic	-14,814	0	9,286	0	0	0
23	STERRADX	LinStatic	14,816	0	-8,95	0	0	0
23	TERMP	LinStatic	-7,813E-06	0	-0,011	0	0	0
23	TERMN	LinStatic	2,344E-05	0	0,033	0	0	0
23	GRADTP	LinStatic	3,929E-05	0	0,02	0	0	0
23	GRADTN	LinStatic	-3,929E-05	0	-0,02	0	0	0
23	LM71C	LinStatic	-3,41E-05	0	13,359	0	0	0
23	LM71SX	LinStatic	-2,795E-05	0	12,095	0	0	0
23	LM71DX	LinStatic	-2,795E-05	0	14,629	0	0	0
23	STLM71	LinStatic	-2,988	0	2,534	0	0	0
23	AVVLM71	LinStatic	-2,642	0	4,439	0	0	0
23	SW2	LinStatic	-2,124E-05	0	13,164	0	0	0
23	STSW2	LinStatic	-5,094	0	4,321	0	0	0
23	FRENSW2	LinStatic	-2,802	0	4,708	0	0	0
23	SERP	LinStatic	0	0	0	0	0	0
23	INCRTER	LinStatic	-19,005	0	16,119	0	0	0
23	LM71SISO	LinStatic	-0,978	0	1,643	0	0	0
23	SW2SISO	LinStatic	-0,828	0	1,392	0	0	0
23	SISMAO	LinStatic	-6,333	0	7,671	0	0	0
23	LM71SVA	LinStatic	7,795E-07	0	-0,483	0	0	0
23	SW2SVA	LinStatic	6,583E-07	0	-0,408	0	0	0
23	SISMAVA	LinStatic	-1,206E-05	0	-3,448	0	0	0
23	LM71SVB	LinStatic	-7,795E-07	0	0,483	0	0	0
23	SW2SVB	LinStatic	-6,583E-07	0	0,408	0	0	0
23	SISMAVB	LinStatic	1,206E-05	0	3,448	0	0	0
24	PP	LinStatic	0,0001032	0	24,548	0	0	0
24	REINTSUP	LinStatic	-1,185E-06	0	0,603	0	0	0
24	BALLAST	LinStatic	-7,108E-06	0	3,621	0	0	0
24	STERRASX	LinStatic	-14,814	0	11,309	0	0	0
24	STERRADX	LinStatic	14,816	0	-11,015	0	0	0
24	TERMP	LinStatic	-9,549E-06	0	-0,009478	0	0	0
24	TERMN	LinStatic	2,865E-05	0	0,028	0	0	0
24	GRADTP	LinStatic	4,803E-05	0	0,018	0	0	0
24	GRADTN	LinStatic	-4,803E-05	0	-0,018	0	0	0
24	LM71C	LinStatic	-4,168E-05	0	13,419	0	0	0
24	LM71SX	LinStatic	-3,417E-05	0	11,872	0	0	0
24	LM71DX	LinStatic	-3,417E-05	0	14,972	0	0	0
24	STLM71	LinStatic	-2,988	0	3,091	0	0	0
24	AVVLM71	LinStatic	-2,642	0	5,433	0	0	0
24	SW2	LinStatic	-2,596E-05	0	13,223	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
24	STSW2	LinStatic	-5,094	0	5,27	0	0	0
24	FRENSW2	LinStatic	-2,802	0	5,762	0	0	0
24	SERP	LinStatic	0	0	0	0	0	0
24	INCRTER	LinStatic	-19,005	0	19,661	0	0	0
24	LM71SISO	LinStatic	-0,978	0	2,011	0	0	0
24	SW2SISO	LinStatic	-0,828	0	1,703	0	0	0
24	SISMAO	LinStatic	-6,333	0	9,389	0	0	0
24	LM71SVA	LinStatic	9,527E-07	0	-0,485	0	0	0
24	SW2SVA	LinStatic	8,046E-07	0	-0,41	0	0	0
24	SISMAVA	LinStatic	-1,474E-05	0	-3,462	0	0	0
24	LM71SVB	LinStatic	-9,527E-07	0	0,485	0	0	0
24	SW2SVB	LinStatic	-8,046E-07	0	0,41	0	0	0
24	SISMAVB	LinStatic	1,474E-05	0	3,462	0	0	0
25	PP	LinStatic	0,000122	0	24,634	0	0	0
25	REINTSUP	LinStatic	-1,4E-06	0	0,607	0	0	0
25	BALLAST	LinStatic	-8,401E-06	0	3,64	0	0	0
25	STERRASX	LinStatic	-14,814	0	13,338	0	0	0
25	STERRADX	LinStatic	14,816	0	-13,095	0	0	0
25	TERMP	LinStatic	-1,128E-05	0	-0,007838	0	0	0
25	TERMN	LinStatic	3,385E-05	0	0,024	0	0	0
25	GRADTP	LinStatic	5,676E-05	0	0,015	0	0	0
25	GRADTN	LinStatic	-5,676E-05	0	-0,015	0	0	0
25	LM71C	LinStatic	-4,925E-05	0	13,491	0	0	0
25	LM71SX	LinStatic	-4,038E-05	0	11,66	0	0	0
25	LM71DX	LinStatic	-4,038E-05	0	15,326	0	0	0
25	STLM71	LinStatic	-2,988	0	3,65	0	0	0
25	AVVLM71	LinStatic	-2,643	0	6,431	0	0	0
25	SW2	LinStatic	-3,068E-05	0	13,293	0	0	0
25	STSW2	LinStatic	-5,094	0	6,223	0	0	0
25	FRENSW2	LinStatic	-2,803	0	6,82	0	0	0
25	SERP	LinStatic	0	0	0	0	0	0
25	INCRTER	LinStatic	-19,005	0	23,216	0	0	0
25	LM71SISO	LinStatic	-0,978	0	2,38	0	0	0
25	SW2SISO	LinStatic	-0,828	0	2,016	0	0	0
25	SISMAO	LinStatic	-6,333	0	11,115	0	0	0
25	LM71SVA	LinStatic	1,126E-06	0	-0,488	0	0	0
25	SW2SVA	LinStatic	9,509E-07	0	-0,412	0	0	0
25	SISMAVA	LinStatic	-1,742E-05	0	-3,479	0	0	0
25	LM71SVB	LinStatic	-1,126E-06	0	0,488	0	0	0
25	SW2SVB	LinStatic	-9,509E-07	0	0,412	0	0	0
25	SISMAVB	LinStatic	1,742E-05	0	3,479	0	0	0
26	PP	LinStatic	0,0001408	0	24,732	0	0	0
26	REINTSUP	LinStatic	-1,615E-06	0	0,61	0	0	0
26	BALLAST	LinStatic	-9,693E-06	0	3,662	0	0	0
26	STERRASX	LinStatic	-14,814	0	15,375	0	0	0
26	STERRADX	LinStatic	14,816	0	-15,192	0	0	0
26	TERMP	LinStatic	-1,302E-05	0	-0,005924	0	0	0
26	TERMN	LinStatic	3,906E-05	0	0,018	0	0	0
26	GRADTP	LinStatic	6,549E-05	0	0,011	0	0	0
26	GRADTN	LinStatic	-6,549E-05	0	-0,011	0	0	0
26	LM71C	LinStatic	-5,683E-05	0	13,573	0	0	0
26	LM71SX	LinStatic	-4,659E-05	0	11,458	0	0	0
26	LM71DX	LinStatic	-4,659E-05	0	15,692	0	0	0
26	STLM71	LinStatic	-2,988	0	4,211	0	0	0
26	AVVLM71	LinStatic	-2,643	0	7,434	0	0	0
26	SW2	LinStatic	-3,54E-05	0	13,372	0	0	0
26	STSW2	LinStatic	-5,094	0	7,18	0	0	0
26	FRENSW2	LinStatic	-2,803	0	7,884	0	0	0
26	SERP	LinStatic	0	0	0	0	0	0
26	INCRTER	LinStatic	-19,005	0	26,786	0	0	0
26	LM71SISO	LinStatic	-0,978	0	2,751	0	0	0
26	SW2SISO	LinStatic	-0,828	0	2,33	0	0	0
26	SISMAO	LinStatic	-6,333	0	12,85	0	0	0
26	LM71SVA	LinStatic	1,299E-06	0	-0,491	0	0	0
26	SW2SVA	LinStatic	1,097E-06	0	-0,414	0	0	0
26	SISMAVA	LinStatic	-2,01E-05	0	-3,498	0	0	0
26	LM71SVB	LinStatic	-1,299E-06	0	0,491	0	0	0
26	SW2SVB	LinStatic	-1,097E-06	0	0,414	0	0	0
26	SISMAVB	LinStatic	2,01E-05	0	3,498	0	0	0
27	PP	LinStatic	0,0001595	0	24,842	0	0	0
27	REINTSUP	LinStatic	-1,831E-06	0	0,614	0	0	0
27	BALLAST	LinStatic	-1,099E-05	0	3,686	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
27	STERRASX	LinStatic	-14,814	0	17,422	0	0	0
27	STERRADX	LinStatic	14,817	0	-17,306	0	0	0
27	TERMP	LinStatic	-1,476E-05	0	-0,003734	0	0	0
27	TERMN	LinStatic	4,427E-05	0	0,011	0	0	0
27	GRADTP	LinStatic	7,422E-05	0	0,006942	0	0	0
27	GRADTN	LinStatic	-7,422E-05	0	-0,006942	0	0	0
27	LM71C	LinStatic	-6,441E-05	0	13,665	0	0	0
27	LM71SX	LinStatic	-5,28E-05	0	11,265	0	0	0
27	LM71DX	LinStatic	-5,28E-05	0	16,067	0	0	0
27	STLM71	LinStatic	-2,988	0	4,775	0	0	0
27	AVVLM71	LinStatic	-2,643	0	8,442	0	0	0
27	SW2	LinStatic	-4,012E-05	0	13,461	0	0	0
27	STSW2	LinStatic	-5,094	0	8,141	0	0	0
27	FRENSW2	LinStatic	-2,803	0	8,954	0	0	0
27	SERP	LinStatic	0	0	0	0	0	0
27	INCRTER	LinStatic	-19,005	0	30,373	0	0	0
27	LM71SISO	LinStatic	-0,978	0	3,125	0	0	0
27	SW2SISO	LinStatic	-0,828	0	2,647	0	0	0
27	SISMAO	LinStatic	-6,333	0	14,595	0	0	0
27	LM71SVA	LinStatic	1,472E-06	0	-0,494	0	0	0
27	SW2SVA	LinStatic	1,243E-06	0	-0,417	0	0	0
27	SISMAVA	LinStatic	-2,278E-05	0	-3,519	0	0	0
27	LM71SVB	LinStatic	-1,472E-06	0	0,494	0	0	0
27	SW2SVB	LinStatic	-1,243E-06	0	0,417	0	0	0
27	SISMAVB	LinStatic	2,278E-05	0	3,519	0	0	0
28	PP	LinStatic	0,0001783	0	24,962	0	0	0
28	REINTSUP	LinStatic	-2,046E-06	0	0,619	0	0	0
28	BALLAST	LinStatic	-1,228E-05	0	3,713	0	0	0
28	STERRASX	LinStatic	-14,814	0	19,479	0	0	0
28	STERRADX	LinStatic	14,817	0	-19,44	0	0	0
28	TERMP	LinStatic	-1,649E-05	0	-0,001268	0	0	0
28	TERMN	LinStatic	4,948E-05	0	0,003804	0	0	0
28	GRADTP	LinStatic	8,295E-05	0	0,002357	0	0	0
28	GRADTN	LinStatic	-8,295E-05	0	-0,002357	0	0	0
28	LM71C	LinStatic	-7,199E-05	0	13,765	0	0	0
28	LM71SX	LinStatic	-5,902E-05	0	11,079	0	0	0
28	LM71DX	LinStatic	-5,902E-05	0	16,452	0	0	0
28	STLM71	LinStatic	-2,988	0	5,343	0	0	0
28	AVVLM71	LinStatic	-2,643	0	9,457	0	0	0
28	SW2	LinStatic	-4,484E-05	0	13,558	0	0	0
28	STSW2	LinStatic	-5,094	0	9,108	0	0	0
28	FRENSW2	LinStatic	-2,803	0	10,03	0	0	0
28	SERP	LinStatic	0	0	0	0	0	0
28	INCRTER	LinStatic	-19,005	0	33,981	0	0	0
28	LM71SISO	LinStatic	-0,978	0	3,5	0	0	0
28	SW2SISO	LinStatic	-0,828	0	2,965	0	0	0
28	SISMAO	LinStatic	-6,333	0	16,351	0	0	0
28	LM71SVA	LinStatic	1,646E-06	0	-0,498	0	0	0
28	SW2SVA	LinStatic	1,39E-06	0	-0,42	0	0	0
28	SISMAVA	LinStatic	-2,546E-05	0	-3,543	0	0	0
28	LM71SVB	LinStatic	-1,646E-06	0	0,498	0	0	0
28	SW2SVB	LinStatic	-1,39E-06	0	0,42	0	0	0
28	SISMAVB	LinStatic	2,546E-05	0	3,543	0	0	0
29	PP	LinStatic	0,0001971	0	25,09	0	0	0
29	REINTSUP	LinStatic	-2,262E-06	0	0,624	0	0	0
29	BALLAST	LinStatic	-1,357E-05	0	3,741	0	0	0
29	STERRASX	LinStatic	-14,814	0	21,548	0	0	0
29	STERRADX	LinStatic	14,817	0	-21,594	0	0	0
29	TERMP	LinStatic	-1,823E-05	0	0,001475	0	0	0
29	TERMN	LinStatic	5,469E-05	0	-0,004426	0	0	0
29	GRADTP	LinStatic	9,169E-05	0	-0,002743	0	0	0
29	GRADTN	LinStatic	-9,169E-05	0	0,002743	0	0	0
29	LM71C	LinStatic	-7,956E-05	0	13,873	0	0	0
29	LM71SX	LinStatic	-6,523E-05	0	10,9	0	0	0
29	LM71DX	LinStatic	-6,523E-05	0	16,845	0	0	0
29	STLM71	LinStatic	-2,988	0	5,913	0	0	0
29	AVVLM71	LinStatic	-2,643	0	10,479	0	0	0
29	SW2	LinStatic	-4,956E-05	0	13,663	0	0	0
29	STSW2	LinStatic	-5,094	0	10,081	0	0	0
29	FRENSW2	LinStatic	-2,803	0	11,113	0	0	0
29	SERP	LinStatic	0	0	0	0	0	0
29	INCRTER	LinStatic	-19,005	0	37,611	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
29	LM71SISO	LinStatic	-0,978	0	3,878	0	0	0
29	SW2SISO	LinStatic	-0,828	0	3,285	0	0	0
29	SISMAO	LinStatic	-6,333	0	18,12	0	0	0
29	LM71SVA	LinStatic	1,819E-06	0	-0,501	0	0	0
29	SW2SVA	LinStatic	1,536E-06	0	-0,423	0	0	0
29	SISMAVA	LinStatic	-2,814E-05	0	-3,568	0	0	0
29	LM71SVB	LinStatic	-1,819E-06	0	0,501	0	0	0
29	SW2SVB	LinStatic	-1,536E-06	0	0,423	0	0	0
29	SISMAVB	LinStatic	2,814E-05	0	3,568	0	0	0
30	PP	LinStatic	0,0002159	0	25,226	0	0	0
30	REINTSUP	LinStatic	-2,477E-06	0	0,629	0	0	0
30	BALLAST	LinStatic	-1,486E-05	0	3,772	0	0	0
30	STERRASX	LinStatic	-14,814	0	23,631	0	0	0
30	STERRADX	LinStatic	14,818	0	-23,771	0	0	0
30	TERMP	LinStatic	-1,997E-05	0	0,004497	0	0	0
30	TERMN	LinStatic	5,99E-05	0	-0,013	0	0	0
30	GRADTP	LinStatic	0,0001004	0	-0,00836	0	0	0
30	GRADTN	LinStatic	-0,0001004	0	0,00836	0	0	0
30	LM71C	LinStatic	-8,714E-05	0	13,988	0	0	0
30	LM71SX	LinStatic	-7,144E-05	0	10,728	0	0	0
30	LM71DX	LinStatic	-7,144E-05	0	17,245	0	0	0
30	STLM71	LinStatic	-2,988	0	6,488	0	0	0
30	AVVLM71	LinStatic	-2,643	0	11,507	0	0	0
30	SW2	LinStatic	-5,428E-05	0	13,775	0	0	0
30	STSW2	LinStatic	-5,094	0	11,061	0	0	0
30	FRENSW2	LinStatic	-2,803	0	12,204	0	0	0
30	SERP	LinStatic	0	0	0	0	0	0
30	INCRTER	LinStatic	-19,005	0	41,266	0	0	0
30	LM71SISO	LinStatic	-0,978	0	4,259	0	0	0
30	SW2SISO	LinStatic	-0,828	0	3,607	0	0	0
30	SISMAO	LinStatic	-6,333	0	19,901	0	0	0
30	LM71SVA	LinStatic	1,992E-06	0	-0,506	0	0	0
30	SW2SVA	LinStatic	1,682E-06	0	-0,427	0	0	0
30	SISMAVA	LinStatic	-3,082E-05	0	-3,594	0	0	0
30	LM71SVB	LinStatic	-1,992E-06	0	0,506	0	0	0
30	SW2SVB	LinStatic	-1,682E-06	0	0,427	0	0	0
30	SISMAVB	LinStatic	3,082E-05	0	3,594	0	0	0
31	PP	LinStatic	0,0002346	0	25,367	0	0	0
31	REINTSUP	LinStatic	-2,693E-06	0	0,634	0	0	0
31	BALLAST	LinStatic	-1,616E-05	0	3,804	0	0	0
31	STERRASX	LinStatic	-14,814	0	25,728	0	0	0
31	STERRADX	LinStatic	14,818	0	-25,97	0	0	0
31	TERMP	LinStatic	-2,17E-05	0	0,007796	0	0	0
31	TERMN	LinStatic	6,511E-05	0	-0,023	0	0	0
31	GRADTP	LinStatic	0,0001092	0	-0,014	0	0	0
31	GRADTN	LinStatic	-0,0001092	0	0,014	0	0	0
31	LM71C	LinStatic	-9,472E-05	0	14,108	0	0	0
31	LM71SX	LinStatic	-7,765E-05	0	10,56	0	0	0
31	LM71DX	LinStatic	-7,765E-05	0	17,652	0	0	0
31	STLM71	LinStatic	-2,988	0	7,067	0	0	0
31	AVVLM71	LinStatic	-2,643	0	12,543	0	0	0
31	SW2	LinStatic	-5,9E-05	0	13,891	0	0	0
31	STSW2	LinStatic	-5,094	0	12,047	0	0	0
31	FRENSW2	LinStatic	-2,803	0	13,303	0	0	0
31	SERP	LinStatic	0	0	0	0	0	0
31	INCRTER	LinStatic	-19,005	0	44,946	0	0	0
31	LM71SISO	LinStatic	-0,978	0	4,642	0	0	0
31	SW2SISO	LinStatic	-0,828	0	3,932	0	0	0
31	SISMAO	LinStatic	-6,333	0	21,696	0	0	0
31	LM71SVA	LinStatic	2,165E-06	0	-0,51	0	0	0
31	SW2SVA	LinStatic	1,829E-06	0	-0,431	0	0	0
31	SISMAVA	LinStatic	-3,35E-05	0	-3,622	0	0	0
31	LM71SVB	LinStatic	-2,165E-06	0	0,51	0	0	0
31	SW2SVB	LinStatic	-1,829E-06	0	0,431	0	0	0
31	SISMAVB	LinStatic	3,35E-05	0	3,622	0	0	0
32	PP	LinStatic	0,0002534	0	25,512	0	0	0
32	REINTSUP	LinStatic	-2,908E-06	0	0,639	0	0	0
32	BALLAST	LinStatic	-1,745E-05	0	3,837	0	0	0
32	STERRASX	LinStatic	-14,814	0	27,841	0	0	0
32	STERRADX	LinStatic	14,818	0	-28,193	0	0	0
32	TERMP	LinStatic	-2,344E-05	0	0,011	0	0	0
32	TERMN	LinStatic	7,032E-05	0	-0,034	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
32	GRADTP	LinStatic	0,0001179	0	-0,021	0	0	0
32	GRADTN	LinStatic	-0,0001179	0	0,021	0	0	0
32	LM71C	LinStatic	-0,0001023	0	14,233	0	0	0
32	LM71SX	LinStatic	-8,387E-05	0	10,395	0	0	0
32	LM71DX	LinStatic	-8,387E-05	0	18,063	0	0	0
32	STLM71	LinStatic	-2,988	0	7,649	0	0	0
32	AVVLM71	LinStatic	-2,643	0	13,587	0	0	0
32	SW2	LinStatic	-6,372E-05	0	14,012	0	0	0
32	STSW2	LinStatic	-5,094	0	13,041	0	0	0
32	FRENSW2	LinStatic	-2,803	0	14,409	0	0	0
32	SERP	LinStatic	0	0	0	0	0	0
32	INCRTER	LinStatic	-19,005	0	48,654	0	0	0
32	LM71SISO	LinStatic	-0,978	0	5,029	0	0	0
32	SW2SISO	LinStatic	-0,828	0	4,259	0	0	0
32	SISMAO	LinStatic	-6,333	0	23,505	0	0	0
32	LM71SVA	LinStatic	2,338E-06	0	-0,514	0	0	0
32	SW2SVA	LinStatic	1,975E-06	0	-0,434	0	0	0
32	SISMAVA	LinStatic	-3,618E-05	0	-3,65	0	0	0
32	LM71SVB	LinStatic	-2,338E-06	0	0,514	0	0	0
32	SW2SVB	LinStatic	-1,975E-06	0	0,434	0	0	0
32	SISMAVB	LinStatic	3,618E-05	0	3,65	0	0	0
33	PP	LinStatic	0,0002722	0	25,66	0	0	0
33	REINTSUP	LinStatic	-3,123E-06	0	0,645	0	0	0
33	BALLAST	LinStatic	-1,874E-05	0	3,87	0	0	0
33	STERRASX	LinStatic	-14,814	0	29,969	0	0	0
33	STERRADX	LinStatic	14,819	0	-30,441	0	0	0
33	TERMP	LinStatic	-2,517E-05	0	0,015	0	0	0
33	TERMN	LinStatic	7,552E-05	0	-0,046	0	0	0
33	GRADTP	LinStatic	0,0001266	0	-0,028	0	0	0
33	GRADTN	LinStatic	-0,0001266	0	0,028	0	0	0
33	LM71C	LinStatic	-0,0001099	0	14,36	0	0	0
33	LM71SX	LinStatic	-9,008E-05	0	10,233	0	0	0
33	LM71DX	LinStatic	-9,008E-05	0	18,478	0	0	0
33	STLM71	LinStatic	-2,988	0	8,237	0	0	0
33	AVVLM71	LinStatic	-2,643	0	14,638	0	0	0
33	SW2	LinStatic	-6,844E-05	0	14,135	0	0	0
33	STSW2	LinStatic	-5,094	0	14,042	0	0	0
33	FRENSW2	LinStatic	-2,803	0	15,525	0	0	0
33	SERP	LinStatic	0	0	0	0	0	0
33	INCRTER	LinStatic	-19,005	0	52,389	0	0	0
33	LM71SISO	LinStatic	-0,978	0	5,418	0	0	0
33	SW2SISO	LinStatic	-0,828	0	4,589	0	0	0
33	SISMAO	LinStatic	-6,333	0	25,329	0	0	0
33	LM71SVA	LinStatic	2,512E-06	0	-0,519	0	0	0
33	SW2SVA	LinStatic	2,121E-06	0	-0,438	0	0	0
33	SISMAVA	LinStatic	-3,886E-05	0	-3,679	0	0	0
33	LM71SVB	LinStatic	-2,512E-06	0	0,519	0	0	0
33	SW2SVB	LinStatic	-2,121E-06	0	0,438	0	0	0
33	SISMAVB	LinStatic	3,886E-05	0	3,679	0	0	0
34	PP	LinStatic	0,0002723	0	24,154	0	0	0
34	REINTSUP	LinStatic	-3,125E-06	0	0,609	0	0	0
34	BALLAST	LinStatic	-1,875E-05	0	3,654	0	0	0
34	STERRASX	LinStatic	-13,865	0	30,056	0	0	0
34	STERRADX	LinStatic	13,87	0	-30,618	0	0	0
34	TERMP	LinStatic	-2,519E-05	0	0,018	0	0	0
34	TERMN	LinStatic	7,556E-05	0	-0,054	0	0	0
34	GRADTP	LinStatic	0,0001267	0	-0,034	0	0	0
34	GRADTN	LinStatic	-0,0001267	0	0,034	0	0	0
34	LM71C	LinStatic	-0,0001099	0	13,561	0	0	0
34	LM71SX	LinStatic	-9,012E-05	0	9,426	0	0	0
34	LM71DX	LinStatic	-9,012E-05	0	17,684	0	0	0
34	STLM71	LinStatic	-2,797	0	8,263	0	0	0
34	AVVLM71	LinStatic	-2,473	0	14,692	0	0	0
34	SW2	LinStatic	-6,847E-05	0	13,346	0	0	0
34	STSW2	LinStatic	-4,768	0	14,087	0	0	0
34	FRENSW2	LinStatic	-2,623	0	15,581	0	0	0
34	SERP	LinStatic	0	0	0	0	0	0
34	INCRTER	LinStatic	-17,788	0	52,556	0	0	0
34	LM71SISO	LinStatic	-0,915	0	5,438	0	0	0
34	SW2SISO	LinStatic	-0,775	0	4,606	0	0	0
34	SISMAO	LinStatic	-5,928	0	25,427	0	0	0
34	LM71SVA	LinStatic	2,513E-06	0	-0,49	0	0	0

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
34	SW2SVA	LinStatic	2,122E-06	0	-0,414	0	0	0
34	SISMAVA	LinStatic	-3,888E-05	0	-3,471	0	0	0
34	LM71SVB	LinStatic	-2,513E-06	0	0,49	0	0	0
34	SW2SVB	LinStatic	-2,122E-06	0	0,414	0	0	0
34	SISMAVB	LinStatic	3,888E-05	0	3,471	0	0	0
35	PP	LinStatic	0,0002679	0	22,611	0	0	0
35	REINTSUP	LinStatic	-3,075E-06	0	0,572	0	0	0
35	BALLAST	LinStatic	-1,845E-05	0	3,43	0	0	0
35	STERRASX	LinStatic	-12,916	0	29,64	0	0	0
35	STERRADX	LinStatic	12,921	0	-30,267	0	0	0
35	TERMP	LinStatic	-2,478E-05	0	0,02	0	0	0
35	TERMN	LinStatic	7,435E-05	0	-0,061	0	0	0
35	GRADTP	LinStatic	0,0001246	0	-0,038	0	0	0
35	GRADTN	LinStatic	-0,0001246	0	0,038	0	0	0
35	LM71C	LinStatic	-0,0001082	0	12,73	0	0	0
35	LM71SX	LinStatic	-8,868E-05	0	8,658	0	0	0
35	LM71DX	LinStatic	-8,868E-05	0	16,79	0	0	0
35	STLM71	LinStatic	-2,605	0	8,15	0	0	0
35	AVVLM71	LinStatic	-2,304	0	14,497	0	0	0
35	SW2	LinStatic	-6,738E-05	0	12,527	0	0	0
35	STSW2	LinStatic	-4,441	0	13,895	0	0	0
35	FRENSW2	LinStatic	-2,444	0	15,375	0	0	0
35	SERP	LinStatic	0	0	0	0	0	0
35	INCRTER	LinStatic	-16,57	0	51,84	0	0	0
35	LM71SISO	LinStatic	-0,853	0	5,366	0	0	0
35	SW2SISO	LinStatic	-0,722	0	4,545	0	0	0
35	SISMAO	LinStatic	-5,522	0	25,094	0	0	0
35	LM71SVA	LinStatic	2,473E-06	0	-0,46	0	0	0
35	SW2SVA	LinStatic	2,088E-06	0	-0,388	0	0	0
35	SISMAVA	LinStatic	-3,826E-05	0	-3,255	0	0	0
35	LM71SVB	LinStatic	-2,473E-06	0	0,46	0	0	0
35	SW2SVB	LinStatic	-2,088E-06	0	0,388	0	0	0
35	SISMAVB	LinStatic	3,826E-05	0	3,255	0	0	0
36	PP	LinStatic	0,0001411	0	11,36	0	0	0
36	REINTSUP	LinStatic	-1,619E-06	0	0,288	0	0	0
36	BALLAST	LinStatic	-9,716E-06	0	1,728	0	0	0
36	STERRASX	LinStatic	-6,458	0	15,646	0	0	0
36	STERRADX	LinStatic	6,461	0	-16,015	0	0	0
36	TERMP	LinStatic	-1,305E-05	0	0,012	0	0	0
36	TERMN	LinStatic	3,915E-05	0	-0,036	0	0	0
36	GRADTP	LinStatic	6,564E-05	0	-0,022	0	0	0
36	GRADTN	LinStatic	-6,564E-05	0	0,022	0	0	0
36	LM71C	LinStatic	-5,696E-05	0	6,413	0	0	0
36	LM71SX	LinStatic	-4,67E-05	0	4,267	0	0	0
36	LM71DX	LinStatic	-4,67E-05	0	8,553	0	0	0
36	STLM71	LinStatic	-1,303	0	4,303	0	0	0
36	AVVLM71	LinStatic	-1,152	0	7,656	0	0	0
36	SW2	LinStatic	-3,548E-05	0	6,31	0	0	0
36	STSW2	LinStatic	-2,221	0	7,336	0	0	0
36	FRENSW2	LinStatic	-1,222	0	8,12	0	0	0
36	SERP	LinStatic	0	0	0	0	0	0
36	INCRTER	LinStatic	-8,285	0	27,37	0	0	0
36	LM71SISO	LinStatic	-0,426	0	2,834	0	0	0
36	SW2SISO	LinStatic	-0,361	0	2,4	0	0	0
36	SISMAO	LinStatic	-2,761	0	13,256	0	0	0
36	LM71SVA	LinStatic	1,302E-06	0	-0,232	0	0	0
36	SW2SVA	LinStatic	1,1E-06	0	-0,196	0	0	0
36	SISMAVA	LinStatic	-2,015E-05	0	-1,638	0	0	0
36	LM71SVB	LinStatic	-1,302E-06	0	0,232	0	0	0
36	SW2SVB	LinStatic	-1,1E-06	0	0,196	0	0	0
36	SISMAVB	LinStatic	2,015E-05	0	1,638	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	56,25	56,25	562,5	0	0	0
2	Local	112,5	112,5	1125	0	0	0
3	Local	120,77	120,77	1207,66	0	0	0
4	Local	129,03	129,03	1290,32	0	0	0
5	Local	129,03	129,03	1290,32	0	0	0

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
6	Local	129,03	129,03	1290,32	0	0	0
7	Local	129,03	129,03	1290,32	0	0	0
8	Local	129,03	129,03	1290,32	0	0	0
9	Local	129,03	129,03	1290,32	0	0	0
10	Local	129,03	129,03	1290,32	0	0	0
11	Local	129,03	129,03	1290,32	0	0	0
12	Local	129,03	129,03	1290,32	0	0	0
13	Local	129,03	129,03	1290,32	0	0	0
14	Local	129,03	129,03	1290,32	0	0	0
15	Local	129,03	129,03	1290,32	0	0	0
16	Local	129,03	129,03	1290,32	0	0	0
17	Local	129,03	129,03	1290,32	0	0	0
18	Local	129,03	129,03	1290,32	0	0	0
19	Local	129,03	129,03	1290,32	0	0	0
20	Local	129,03	129,03	1290,32	0	0	0
21	Local	129,03	129,03	1290,32	0	0	0
22	Local	129,03	129,03	1290,32	0	0	0
23	Local	129,03	129,03	1290,32	0	0	0
24	Local	129,03	129,03	1290,32	0	0	0
25	Local	129,03	129,03	1290,32	0	0	0
26	Local	129,03	129,03	1290,32	0	0	0
27	Local	129,03	129,03	1290,32	0	0	0
28	Local	129,03	129,03	1290,32	0	0	0
29	Local	129,03	129,03	1290,32	0	0	0
30	Local	129,03	129,03	1290,32	0	0	0
31	Local	129,03	129,03	1290,32	0	0	0
32	Local	129,03	129,03	1290,32	0	0	0
33	Local	129,03	129,03	1290,32	0	0	0
34	Local	120,77	120,77	1207,66	0	0	0
35	Local	112,5	112,5	1125	0	0	0
36	Local	56,25	56,25	562,5	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
LM71SX	LinStatic	Zero				Prog Det	Live
LM71DX	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	

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
REINTSUP	Prog Det	Short-Term Composite	None	Yes	Finished	
BALLAST	Prog Det	Short-Term Composite	None	Yes	Finished	
STERRASX	Prog Det	Short-Term Composite	None	Yes	Finished	
STERRADX	Prog Det	Short-Term Composite	None	Yes	Finished	
TERMP	Prog Det	Short-Term Composite	None	Yes	Finished	
TERMN	Prog Det	Short-Term Composite	None	Yes	Finished	
GRADTP	Prog Det	Short-Term Composite	None	Yes	Finished	
GRADTN	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71C	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71SX	Prog Det	Short-Term Composite	None	Yes	Finished	
LM71DX	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	
LM71SX	
LM71DX	
STLM71	
AVVLM71	
SW2	
STSW2	
FRENSW2	
SERP	

Table: Load Case Definitions, Part 3 of 3

Case	Notes
INCRTER	
LM71SISO	
SW2SISO	
SISMAO	
LM71SVA	
SW2SVA	
SISMAVA	
LM71SVB	
SW2SVB	
SISMAVB	

Table: Load Pattern Definitions

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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	
LM71SX	Live	0		296fb894-8cf5-4bb7-adee-beae2a1b0c17	
LM71DX	Live	0		27afe103-2a6f-46fc-92e2-1021a1066778	
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	