

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



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

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

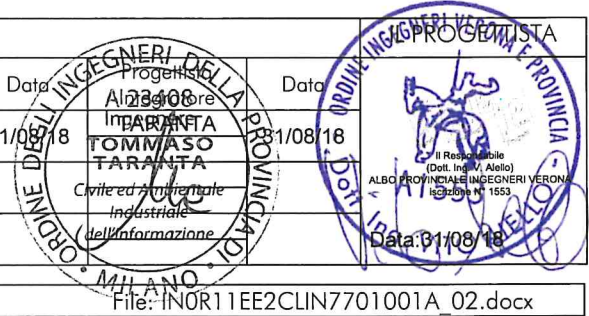
### PROGETTO ESECUTIVO

IN77 - PONTE SCAT. CANALE DI SOMMACAMPAGNA PK 148+839,037  
RELAZIONE DI CALCOLO SPINTA MONOLITE E ROSTRO

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

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## 1. INTRODUZIONE

La presente relazione è relativa alla fase di spinta del monolite al di sotto dei binari esistenti della linea ferroviaria storica Milano – Verona facente 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.

La struttura viene realizzata in adiacenza alla linea storica esistente e successivamente spinta al di sotto della stessa. Per l'esecuzione della spinta del monolite si prevede la realizzazione di una fossa di varo lato sud, di una platea di varo e di un muro reggispinta in c.a. di spessore 1.20m ed altezza totale 7.00m che fornisce il contrasto al gruppo di martinetti oleodinamici. Il monolite è dotato di un rostro in c.a. contrastato da tre puntoni in c.a., che viene solo parzialmente demolito una volta ultimata la spinta.

Nella presente relazione si riporta il dimensionamento della spinta oleodinamica ed il calcolo e la verifica di platea di varo, muro reggispinta, rostro e puntoni.

Per quanto riguarda l'analisi della struttura scatolare e della sezione ad U del monolite si rimanda rispettivamente al documento **Errore. L'origine riferimento non è stata trovata.** e **Errore. L'origine riferimento non è stata trovata.**

Le azioni considerate nel calcolo sono quelle tipiche di una struttura interrata con le aggiunte delle azioni di tipo stradale e applicazione della Normativa sui ponti stradali 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, e 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'azione sismica viene considerata al fine del dimensionamento e della verifica strutturale solo per il rostro poiché non sarà completamente demolito dopo la di spinta.

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 di cui trattasi, nel rispetto del punto § 7.9.2., rientrando tra le opere che si muovono con il terreno (§ 7.9.2.1), si può ritenere che la struttura debba mantenere sotto l'azione sismica un comportamento elastico; queste categorie di opere che si muovono con il terreno non subiscono le amplificazioni dell'accelerazione del suolo.

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

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

La classe d'uso assunta è la III.

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

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

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

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

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

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

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

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

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

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

S → coefficiente che comprende l'effetto dell'amplificazione stratigrafica (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 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  $h_{tot}$ .

### 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 interrato si riferiscono allo sviluppo di meccanismi di collasso, determinati dalla mobilitazione della resistenza del terreno, e al raggiungimento della resistenza degli elementi strutturali che compongono l'opera.

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

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

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

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

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

Per quanto riguarda i coefficienti parziali per i parametri geotecnici del terreno ( $\gamma_M$ ), 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 ( $\gamma_R$ ) si fa riferimento alla tabella 6.5.I delle N.T.C..

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

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

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

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



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

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

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

### 3.2.2. Combinazioni per la verifica allo SLE

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

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

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

#### 4. CARATTERISTICHE DEI MATERIALI

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

##### 4.1. Calcestruzzo per magrone

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

##### 4.1.1. Calcestruzzo

Per la realizzazione di platea di varo e muro reggispinta, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C25/30 (Rck  $\geq 30$  N/mm<sup>2</sup>) che presenta le seguenti caratteristiche:

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

Per la realizzazione di rostro e puntoni, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C32/40 (Rck  $\geq 40$  N/mm<sup>2</sup>) che presenta le seguenti caratteristiche:

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

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

- 1) Tensione di snervamento caratteristica  $\rightarrow f_{yk} \geq 450$  N/mm<sup>2</sup>
- 2) Tensione caratteristica a rottura  $\rightarrow f_{tk} \geq 540$  N/mm<sup>2</sup>
- 3) Tensione in condizione di esercizio (comb. Rara)  $\rightarrow \sigma_s = 0.80 * f_{yk} = 360.00$  N/mm<sup>2</sup>
- 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<sup>2</sup>

#### 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:

- Platea di varo e muro reggispinta      CLASSE DI ESPOSIZIONE      XC2
- Rostro      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 platea di varo e il muro reggispinta e pari a  $c_{nom} = 50$  mm per il rostro.

**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:

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

## 6. PARAMETRI GEOTECNICI

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

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

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

- $\Phi'_k = 30^\circ$
- $\gamma_m = 20 \text{ kN/m}^3$
- $\gamma' = 10 \text{ kN/m}^3$
- $\gamma_w = 10 \text{ kN/m}^3$

## 7. FASE DI SPINTA

### 7.1. Dimensionamento spinta martinetti idraulici

La spinta necessaria per varare il manufatto viene calcolata in due fasi di esecuzione:

- *Al momento della spinta iniziale (fase1 - distacco)*

configurazione che si ha all'inizio delle operazioni di spinta in cui i martinetti di spinta devono vincere l'attrito tra l'intradosso fondazione e la platea di varo; il coefficiente di attrito di primo distacco si assume pari all'unità, e non è invece presente alcun attrito del terreno sulle pareti laterali; questa configurazione risulta significativa per il dimensionamento dell'armatura della platea di varo, soggetta a prevalenti azioni di sforzo normale di trazione; è generato dalle azioni di attrito con la fondazione del monolite ed è parzialmente limitato dalle azioni di attrito tra la soletta ed il terreno sottostante.

$P_1$ peso monolite [kN]	25366
coefficiente d'attrito platea-monolite	1.00
Resistenza totale in fase di distacco [kN]	25366

- *Fine corsa dell'infissione (fase2)*

fase in cui il monolite è totalmente immerso nel terreno e la spinta è nelle fasi finali; oltre alla resistenza dovuta al peso del monolite, si hanno quindi anche le resistenze dovute all'attrito laterale tra lo scatolare ed il terreno.

$\gamma$ rilevato [kN/mc]	19.00
$\phi$ rilevato [°]	35.00
$\delta = 2/3 \phi$ [°]	23.33
$S_L$ superficie laterale [mq]	$337.80 \times 2 = 675.60$
pressione media laterale a riposo [kN/mq]	53.50
$R_1$ attrito laterale [kN]	15591
$P_1$ peso monolite [kN]	25366
Coefficiente d'attrito platea-monolite	1.00 (cautelativo)
$R_2$ attrito sul fondo	25366
<b>Resistenza massima in fase di spinta [kN]</b>	<b>40957</b>

## 8. PLATEA DI VARO

Si analizza la condizione in cui il monolite si trova per tutta la lunghezza sulla platea. In questa condizione, la forza di trazione sulla platea viene calcolata come differenza tra la resistenza offerta dallo scatolare all'infissione, calcolata con un coefficiente di attrito tra la platea e il monolite pari a 1, e la resistenza a livello del terreno offerta dal peso del monolite e della platea, assumendo una lunghezza della platea collaborante pari a 31.50m, calcolata con un coefficiente di attrito tra platea e terreno, in favore di sicurezza, pari a  $\text{tg}(\delta) = 0.431$ , dove  $\delta$  è pari a  $2/3$  dell'angolo d'attrito del terreno di fondazione, costituito da sabbia limosa, pari a  $35^\circ$ .

Essendo:

$P_m$ peso monolite [kN]	25366
$P_p$ peso platea [kN]	2340
$P_t$ peso totale [kN]	27706
$R_m$ resistenza monolite-platea [kN]	25366
$R_t$ resistenza terreno [kN]	11951
<b>Trazione platea [kN]</b>	<b>13415</b>

L'armatura longitudinale prevista sulla platea di varo e ancorata al muro reggisplinta è pari a  $(104+104)\phi 18$ , corrispondente ad un'area complessiva  $A_s = 208 \times 2.54 = 529.30 \text{ cm}^2$ , con cui si ha:

$$T_{Rd} = (208 \times 2.54 \times 10^2) \times (450 / 1.15 / 1000) = 20673 \text{ kN} > T_{Ed} = 13415 \times 1.5 = 20123 \text{ kN}$$

Tale armatura sarà dimezzata ad una distanza dal muro reggisplinta pari a  $1/2$  della lunghezza della platea.

## 9. MURO REGGISPINTA

### 9.1. Verifiche globali

La spinta dei martinetti, da utilizzare per la verifica del muro di controspinta, è data dalla resistenza offerta all'infissione del monolite meno la resistenza d'attrito offerta al contatto platea terreno. In dettaglio:

Spinta martinetti [kN]	42000
Resistenza peso platea [kN]	1009.38
Spinta su muro di controspinta [kN]	40990.62

Il coefficiente di spinta passiva determinato utilizzando il metodo di Caquot-Kerisel e assumendo un angolo d'attrito interno del riempimento a tergo muro pari a  $35^\circ$ , è pari a:

$$k_p = 10.20$$

Si determina di seguito la spinta passiva esercitata dal terreno a tergo del muro reggispinta:

Larghezza	$B = 12.40 \text{ m}$
Altezza	$H = 7.00 \text{ m}$

$$\text{Spinta passiva totale} / \text{Spinta su muro controspinta} = 1.44 > 1.40$$

### 9.2. Verifiche strutturali – direzione verticale

Per il calcolo dell'armatura verticale del muro reggispinta si considera la sezione orizzontale distante 4.00 dall'estremità superiore del muro stesso valutando le sollecitazioni flessionali e taglianti a partire dalla spinta passiva del terreno moltiplicata successivamente per il coefficiente correttivo  $\rho = S_B/S_P$  per tener conto dell'effettivo stato di sollecitazione del muro, dove  $S_B$  è l'azione applicata al muro reggispinta e  $S_P$  è la spinta passiva del terreno.

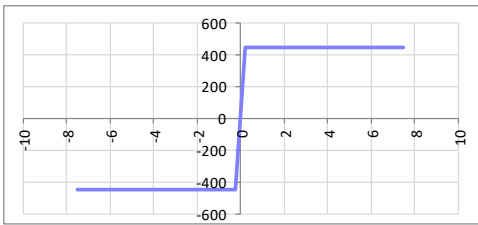
Le sollecitazioni taglianti e flettenti vengono calcolate per una striscia unitaria di muro e risultano pari a:

$$V = 1153.85 \text{ kN/m}$$

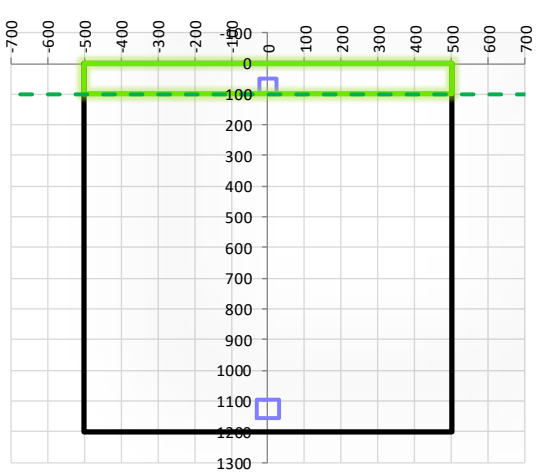
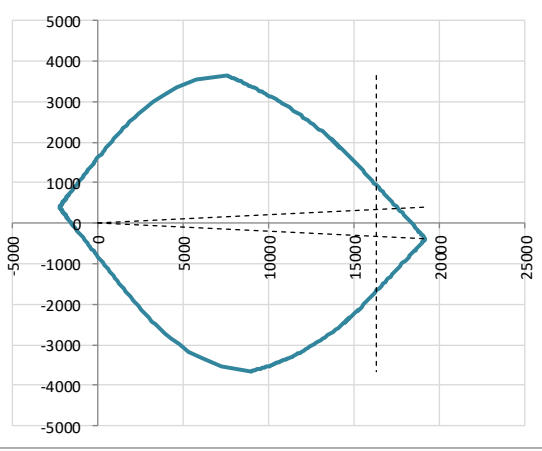
$$M = 1538.47 \text{ kNm/m}$$



**9.2.1. Caratteristiche della sezione**

<b>CARATTERISTICHE MATERIALI</b>				
<b>Calcestruzzo:</b>				
Classe	C25/30			
$R_{ck}$	30,00 N/mm <sup>2</sup>			
$f_{ck}$	24,90 N/mm <sup>2</sup>			
$f_{cm}$	32,90 N/mm <sup>2</sup>			
$f_{ctm}$	2,56 N/mm <sup>2</sup>			
$f_{ctk,0.05}$	1,79 N/mm <sup>2</sup>			
$f_{ctk,0.95}$	3,33 N/mm <sup>2</sup>			
$f_{ctm}$	3,07 N/mm <sup>2</sup>			
$E_{cm}$	31447,16 N/mm <sup>2</sup>			
$\epsilon_{c2}$	0,200 %			
$\epsilon_{c3}$	0,175 %			
$\epsilon_{c4}$	0,070 %			
$\epsilon_{cu}$	0,350 %			
n	2,000			
tipo cemento	N			
				
<b>Acciaio:</b>				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_t/f_y)_k$	1			
$f_{yk}$	450 N/mm <sup>2</sup>			
$f_{tk}$	540 N/mm <sup>2</sup>			
$E_s$	200000 N/mm <sup>2</sup>			
$\epsilon_{su}$	7,500 %			
				
<b>Coefficiente di omogenizzazione:</b>				
n, breve termine	6,06 = $E_s/E_c$			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	2,09			
n, lungo termine =	12,69 = $E_s/E_{cm}$			
n, verifiche QP	15,0 = $E_s/E_{cm}$ lungo termine			
n, verifiche CAR	15,0 = $E_s/E_{cm}$ breve termine			
<b>CARATTERISTICHE SEZIONE</b>				
<b>Sezione:</b>				
B=	1000 mm			
H=	1200 mm			
<b>Armature:</b>				
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	As mm <sup>2</sup>
1	5	22	73	1900,6636
2	10	22	1127	3801,3271
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
				
<b>Armatura di ripartizione:</b>				
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	As mm <sup>2</sup>
superiore	5	22	51	1900,6636
inferiore	5	22	1149	1900,6636

9.2.2. Verifica allo stato limite ultimo per flessione

CRITERI DI VERIFICA																																																						
<u>Coefficienti di sicurezza allo SLU</u>																																																						
<b>Calcestruzzo</b>																																																						
$\alpha_{cc}$	0,85																																																					
$\gamma_c$	1,50																																																					
$f_{cd}$	16,60 N/mm <sup>2</sup>																																																					
$f_{ct,eff}$	2,13 N/mm <sup>2</sup>	= $f_{ctm} / 1,2$																																																				
<b>Acciaio</b>																																																						
$\gamma_s$	1,15																																																					
$f_{yd}$	391,30 N/mm <sup>2</sup>																																																					
$E_{yd}$	0,196 %																																																					
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																						
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																														
			1538,5	19163,21	-2231,21	1603,74	-819,17	96%																																														
<u>Sezione:</u>																																																						
			<b>Fibre compresse Superiori</b>																																																			
			$\sigma_{c,max}$	14,11	N/mm <sup>2</sup>																																																	
			$\sigma_{s,min}$	-391,30	N/mm <sup>2</sup>																																																	
			$\epsilon_{c,max}$	0,35	%																																																	
			$\epsilon_{s,min}$	-3,62	%																																																	
			d	1127,00	mm																																																	
			x	99,34	mm																																																	
			x/d	0,09																																																		
<u>Dominio M-N</u>																																																						
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #90ee90;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr style="background-color: #90ee90;"> <td>0,0</td> <td>0</td> <td>0,0</td> <td>1538,5</td> </tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #90ee90;"><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	0,0	0	0,0	1538,5																																								
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																			
0,0	0	0,0	1538,5																																																			

### 9.2.3. Verifica allo stato limite ultimo per taglio

CALCESTRUZZO		
Classe calcestruzzo		C25/30
Resistenza cubica caratteristica	$R_{ck}$	30,00 Mpa
Resistenza cilindrica caratteristica	$f_{ck}$	24,9 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	$\gamma_c$	1,50
Coefficiente riduttivo per resistenze di lunga durata	$\alpha_{cc}$	0,85
Coefficiente di sicurezza per l'acciaio	$\gamma_s$	1,15

GEOMETRIA SEZIONE C.A.				
Base	b	1000 mm		
Altezza	h	1200 mm		
Barre tese		numero barre	diametro barre [mm]	copriferro in asse barra [mm]
strato1		10	22	73
strato2		0	0	0
strato3		0	0	0
strato4		0	0	0
strato5		0	0	0
Area barre tese	$A_s$	3801 mm <sup>2</sup>		
Posizione della barra equivalente	$c^*$	73 mm		

SOLLECITAZIONI		
Load Case		
Frame		
Azione assiale (+ di compressione)	$N_{Ed}$	kN
Taglio	$V_{Ed}$	1153,85 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	1127 mm
Coefficiente	k	1,42
Rapporto di armatura longitudinale	$\rho_l$	0,34%
Tensione assiale media	$\sigma_{cp}$	0,00 N/mm <sup>2</sup>
	$0.2 \times f_{cd}$	2,82 N/mm <sup>2</sup>
	$v_{min}$	0,30 N/mm <sup>2</sup>
Resistenza al taglio minima	$V_{rd,min}$	333,51 kN
Resistenza al taglio senza armatura	$V_{rd}$	390,71 kN
Verifica		2,95 <i>E' necessario prevedere armatura a taglio</i>

ARMATURA A TAGLIO		
Diametro staffe	$\phi$	14 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	$\alpha$	90 °
Inclinazione del puntone in calcestruzzo	$\theta$	45 °
Valore minimo di inclinazione del puntone in calcestruzzo	$\theta_{min}$	27,52 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	$v_1$	0,5
Resistenza cilindrica di progetto	$f_{cd}$	14,11 N/mm <sup>2</sup>
Area armatura a taglio	$A_{st}$	769,69 mm <sup>2</sup>
	$\sigma_{cp}/f_{cd}$	0
Coefficiente di interazione	$\alpha_{cw}$	1
Resistenza a taglio per rottura delle armature	$V_{rds}$	1527,45 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	$V_{rct}$	3577,94 kN
Resistenza al taglio	$V_{rd}$	1527,45 kN
Verifica		0,76 <i>Verifica soddisfatta</i>

**9.3. Verifiche strutturali – direzione orizzontale**

Per il calcolo dell'armatura orizzontale si verifica la sezione a cui corrisponde il massimo momento flettente considerando il muro soggetto all'azione applicata al muro reggispinta  $S_B$ :

$$q_t = S_B / B = 40990 / 12.40 = 3305.70 \text{ kN/m}$$

$$b = 12.40 / 10.40 / 2 = 1.00 \text{ m}$$

da cui:

$$M = 3305.70 \times 1.00^2 / 2 = 1652.85 \text{ kNm}$$

$$V = 3305.70 \times 1.00 = 3305.70 \text{ kN}$$

Le sollecitazioni per unità di lunghezza sull'altezza della parete, risultano pari a

Il momento per unità di lunghezza sull'altezza della parete, risulta pari a:

$$M^* = M / H = 1652.85 / 7.00 = 236.12 \text{ kNm}$$

$$V^* = V / H = 3305.70 / 7.00 = 472.24 \text{ kN/m.}$$



### 9.3.2. Verifica allo stato limite ultimo per taglio

CALCESTRUZZO		
Classe calcestruzzo		C25/30
Resistenza cubica caratteristica	$R_{ck}$	30,00 Mpa
Resistenza cilindrica caratteristica	$f_{ck}$	24,9 Mpa

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	$\gamma_c$	1,50
Coefficiente riduttivo per resistenze di lunga durata	$\alpha_{cc}$	0,85
Coefficiente di sicurezza per l'acciaio	$\gamma_s$	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1000 mm			
Altezza	h	1200 mm			
Barre tese		numero barre	diámetro barre [mm]	copriferro in asse barra [mm]	Area barre [mm <sup>2</sup> ]
strato1		5	22	51	1901
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	$A_s$	1901 mm <sup>2</sup>			
Posizione della barra equivalente	$c^*$	51 mm			

SOLLECITAZIONI		
Load Case		
Frame		
Azione assiale (+ di compressione)	$N_{Ed}$	kN
Taglio	$V_{Ed}$	472,24 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	1149 mm
Coefficiente	k	1,42
Rapporto di armatura longitudinale	$\rho_l$	0,17%
Tensione assiale media	$\sigma_{cp}$	0,00 N/mm <sup>2</sup>
	$0.2 \times f_{cd}$	2,82 N/mm <sup>2</sup>
	$v_{min}$	0,29 N/mm <sup>2</sup>
Resistenza al taglio minima	$V_{rd,min}$	338,56 kN
Resistenza al taglio senza armatura	$V_{rd}$	338,56 kN
Verifica		1,39 <b>E' necessario prevedere armatura a taglio</b>

ARMATURA A TAGLIO		
Diametro staffe	$\phi$	14 mm
Numero braccia	n	5
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	$\alpha$	90 °
Inclinazione del puntone in calcestruzzo	$\theta$	45 °
Valore minimo di inclinazione del puntone in calcestruzzo	$\theta_{min}$	27,52 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	$v_1$	0,5
Resistenza cilindrica di progetto	$f_{cd}$	14,11 N/mm <sup>2</sup>
Area armatura a taglio	$A_{st}$	769,69 mm <sup>2</sup>
	$\sigma_{cp}/f_{cd}$	0
Coefficiente di interazione	$\alpha_{cw}$	1
Resistenza a taglio per rottura delle armature	$V_{rds}$	1557,27 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	$V_{rcd}$	3647,79 kN
Resistenza al taglio	$V_{rd}$	1557,27 kN
Verifica		0,30 <b>Verifica soddisfatta</b>

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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## 10. SOLETTA MONOLITE

Nel primo metro di soletta inferiore si prevede la disposizione di 40  $\phi$  26 disposti trasversalmente.

Si dispongono inoltre una serie di doppie staffe, pari a 1 $\phi$ 12/20.

Si effettua una verifica locale nella zona di contatto tra i martinetti e la controsoletta. La forza concentrata dovuta ai martinetti provoca una forza di trazione trasversale alla direzione della medesima che può porsi pari a  $1/3 \times F$ .

$$N_{Rd} = (40 \times 5.31 \times 10^2) \times (450 / 1.15 / 1000) = 8310.19 \text{ kN} > N_{Frett} = 42000 / 8 \times 1.5 = 7875 \text{ kN}.$$

## 11. ANALISI E VERIFICA DEI ROSTRI – FASE DI SPINTA

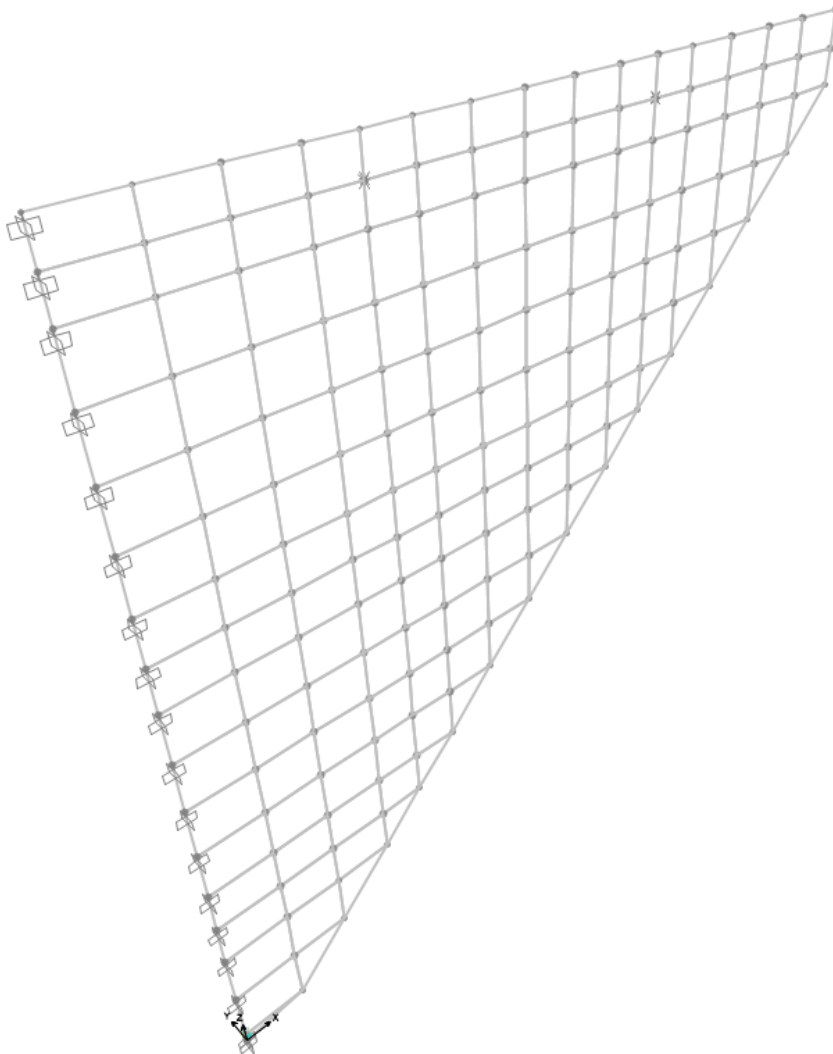
L'analisi dei rostri del monolite è stata condotta con un programma agli elementi finiti (SAP2000), schematizzando una parete verticale con elementi shell mutuamente incastrati, e schematizzando i due puntoni di contrasto tra i rostri mediante vincoli fissi.

La parete modellata ha un'altezza massima pari a 10.60m in corrispondenza dell'attacco al monolite, un'altezza minima di 0.90m in corrispondenza dell'estremità libera, ed uno sviluppo di 10.45m; lo spessore attribuito agli elementi shell è pari allo spessore della parete (0.90m).

Tale modello viene vincolato mediante l'applicazione di incastri lungo i lati corrispondenti all'attacco della parete ai piedritti dello scatolare e alla fondazione.

La mesh è composta da 150 shell e da 168 nodi.

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



*Schema statico*



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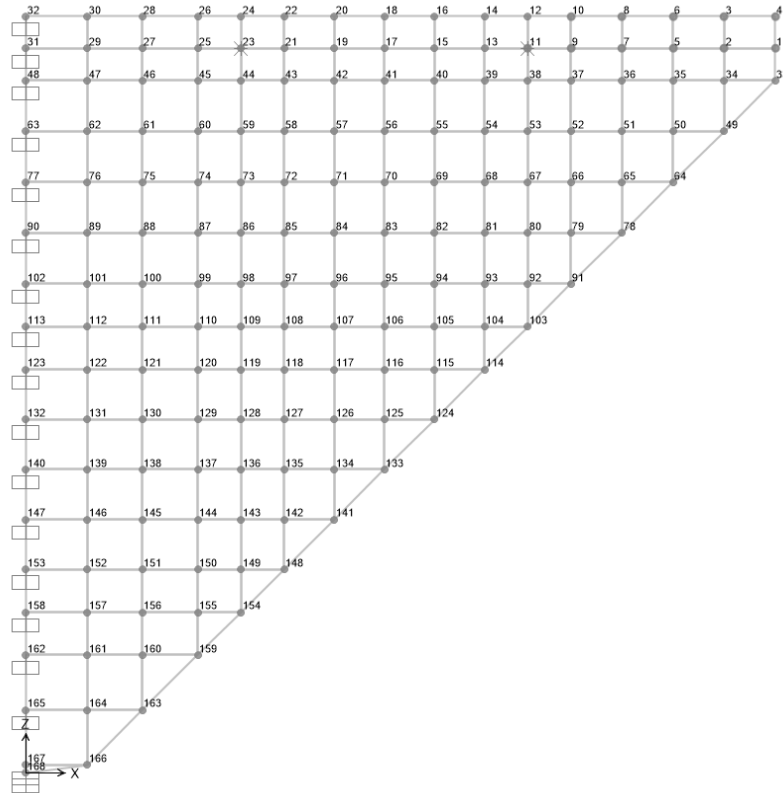
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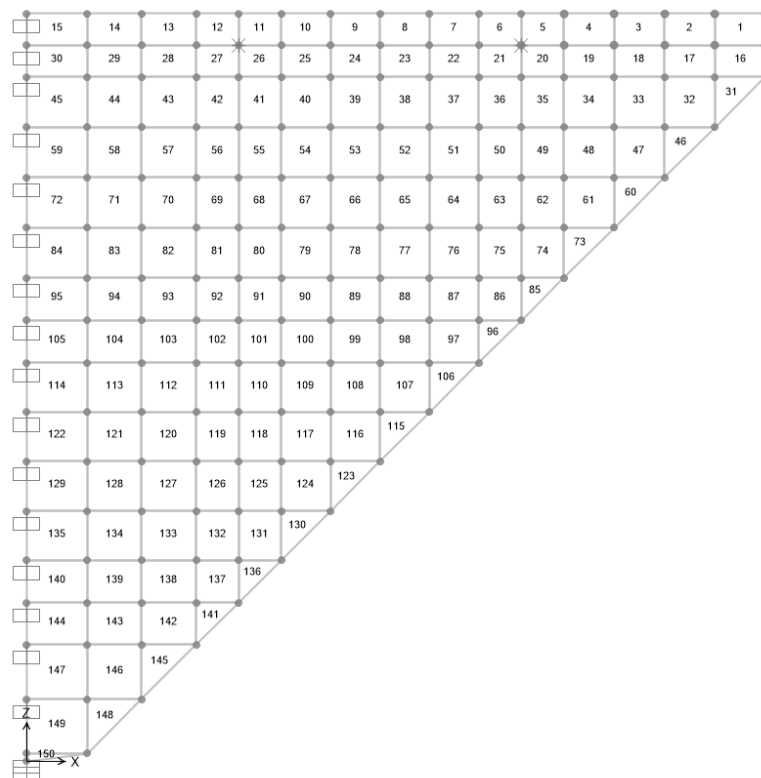
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*Numerazione nodi*



*Numerazione elementi shell*

### 11.1. Analisi dei carichi

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

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

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

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato:  $\gamma_{c.a.} = 25 \text{ kN/m}^3$
- rilevato:  $\gamma_{ril} = 20 \text{ kN/m}^3$

#### 11.1.1. Peso proprio strutture (Load 1)

- parete rostro  $S_s \times \gamma_{c.a.} = 0.90 \times 25.00 = \mathbf{22.50 \text{ kN/m}^2}$
- puntone  $b \times h \times \gamma_{c.a.} = 1.2 \times 0.90 \times 25.00 = \mathbf{27.00 \text{ kN/m}}$

#### 11.1.2. Spinta del terreno durante le fasi di spinta (Load 2)

Durante la fase di varo la condizione di carico più sfavorevole si ha quando il rostro è posto al di sotto del binario esistente, ed in tale situazione la spinta delle terre viene calcolata a partire dalla quota di p.f..

Si riporta di seguito il calcolo delle pressioni agenti sulla struttura:

- Pressione al filo superiore:  
 $P_1 (h_1 = 0.90\text{m}) = k_0 \times (H_{ric} \times \gamma_t) = 0.50 \times (0.90 \times 20.0) = \mathbf{9.00 \text{ kN/m}^2}$
- Pressione al filo inferiore:  
 $P_2 (h_2 = 11.50\text{m}) = k_0 \times (H_{ric} + H_{scat}) \times \gamma_t = 0.50 \times (11.50 \times 20.0) = \mathbf{115.00 \text{ kN/m}^2}$

#### 11.1.3. Spinta del sovraccarico a tergo parete durante la fase di spinta (Load 3)

Si considera a tergo della parete un sovraccarico accidentale di  $40 \text{ kN/m}^2$ ; la pressione orizzontale sulla parete dovuta a tale carico è pari a:

$$p = q \times k_0 = 40.00 \times 0.50 = \mathbf{20.00 \text{ kN/m}^2}$$

## 11.2. 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	Spinta del terreno in fase di spinta
3	Qk	Spinta sovraccarico a tergo parete in condizioni di spinta

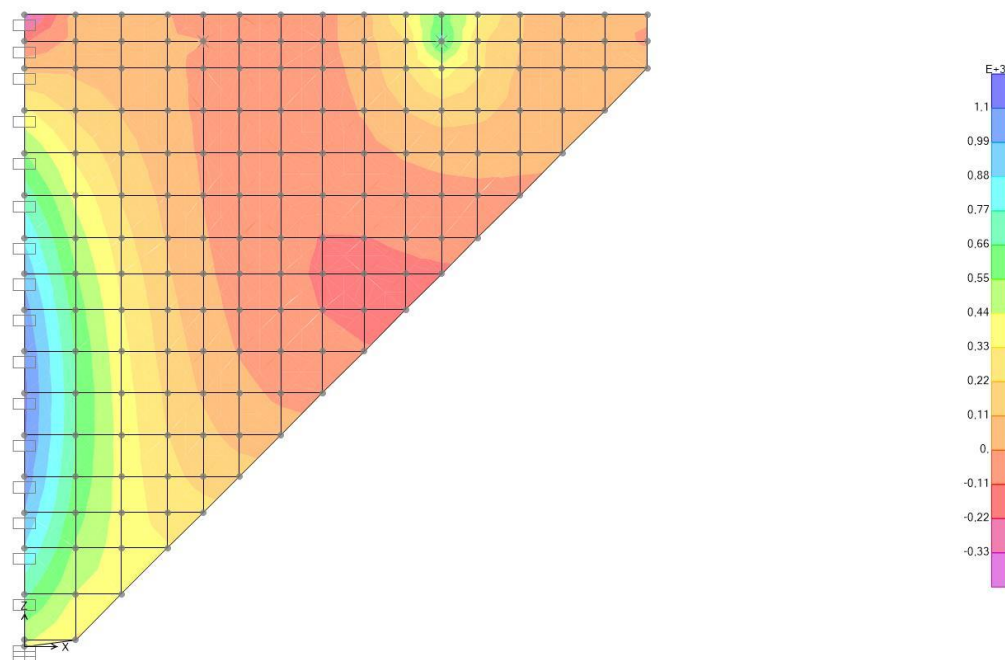
I carichi caratteristici sopra elencati, al fine di ottenere le sollecitazioni di progetto per effettuare le successive verifiche, sono opportunamente combinati fra loro come da tabella riportata.

n° CC		P.P.	Spinta terreno (spinta)	Spinta sovr. (spinta)
		1	2	3
1	<i>Fase di spinta</i>	1	1	1

### 11.3. Diagrammi di inviluppo rostro

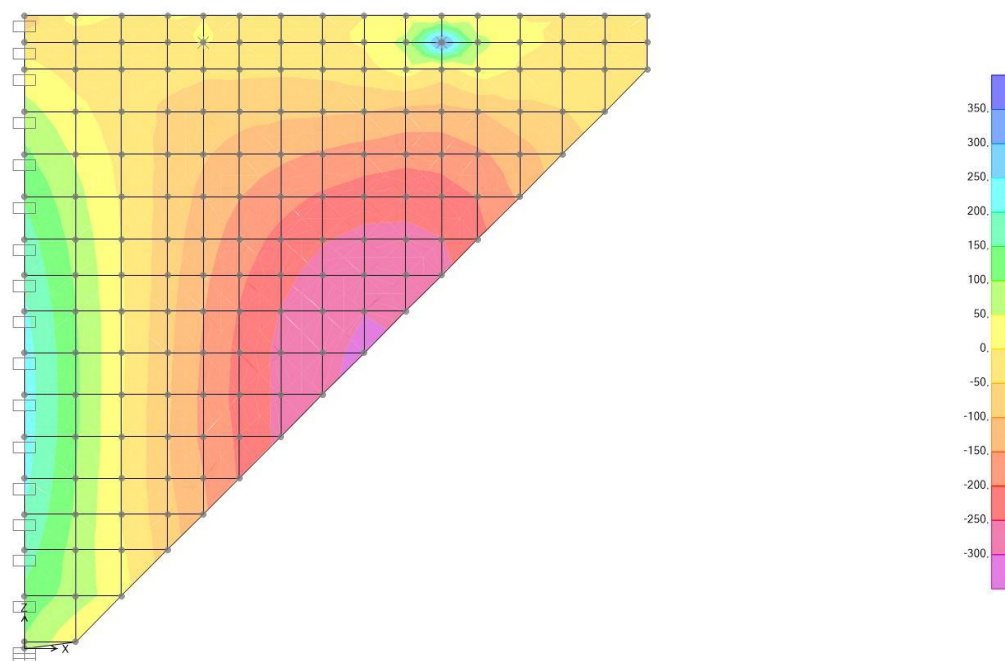
#### 11.3.1. Inviluppo momento flettente $m_{11}$

Resultant M11 Diagram (SLU)



#### 11.3.2. Inviluppo momento flettente $m_{22}$

Resultant M22 Diagram (SLU)



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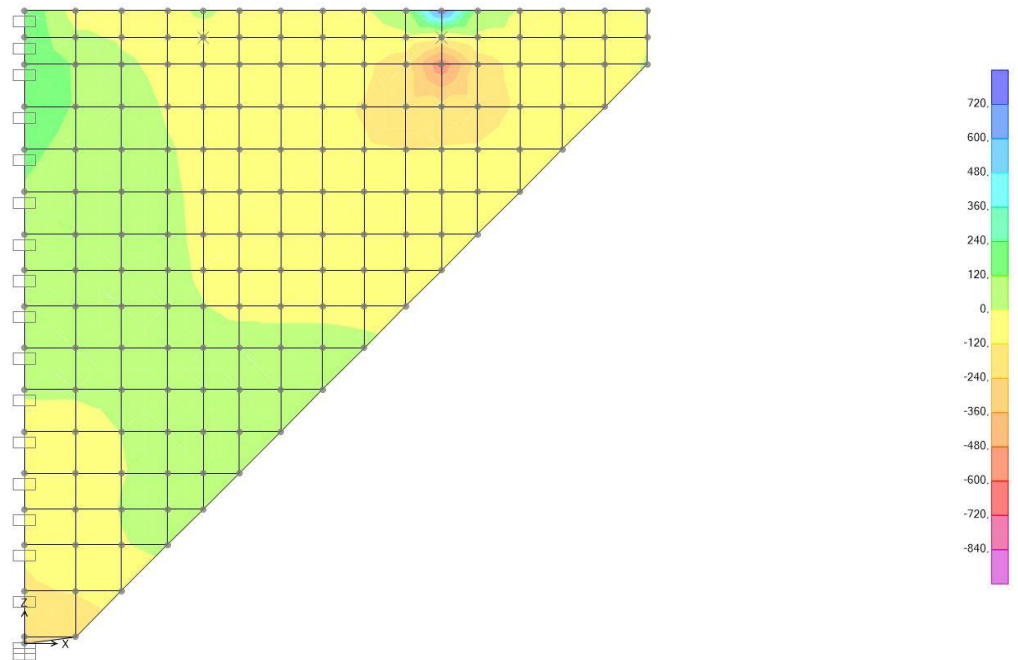
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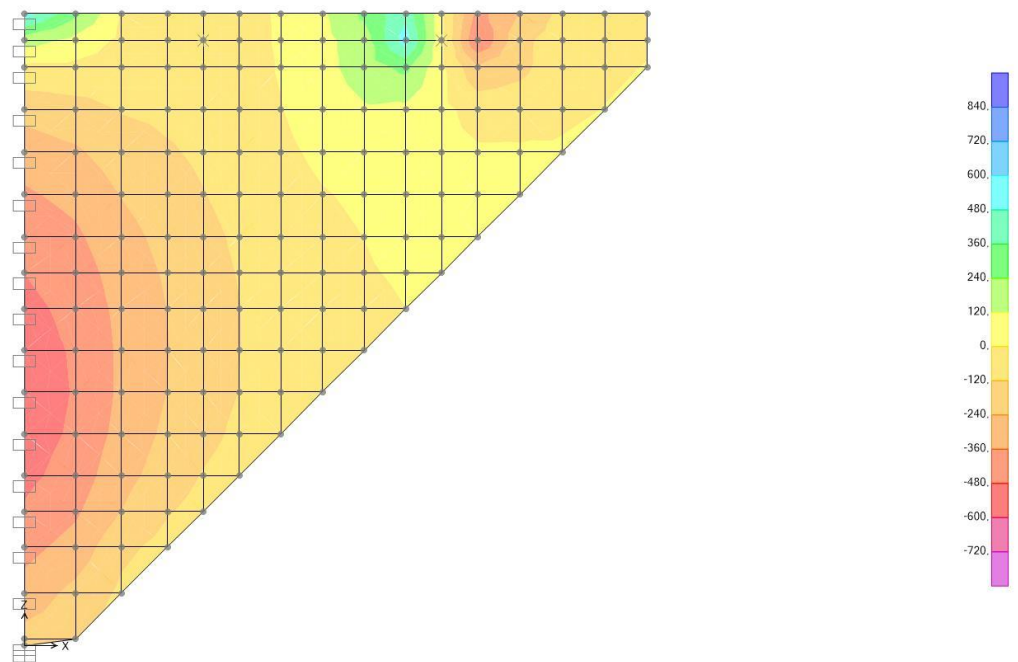
### 11.3.3. Inviluppo taglio v13

Resultant V23 Diagram (SLU)



### 11.3.4. Inviluppo taglio v23

Resultant V13 Diagram (SLU)



GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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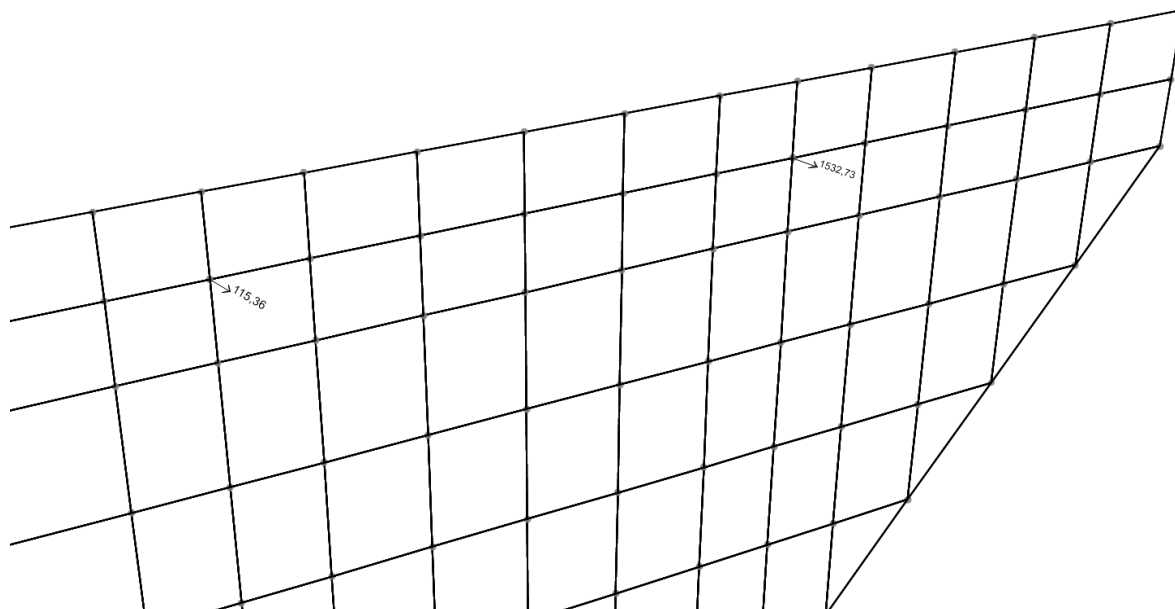
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### *11.3.5. Reazione puntoni*



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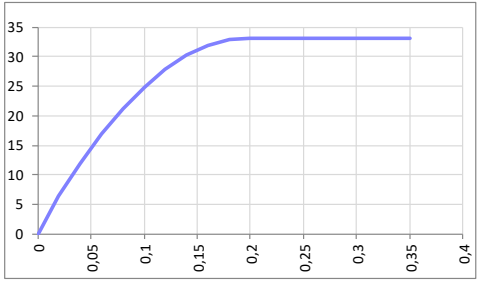
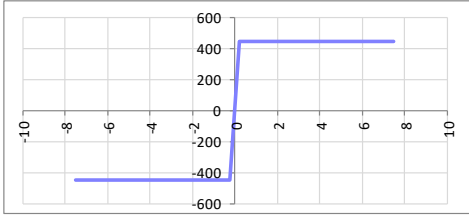
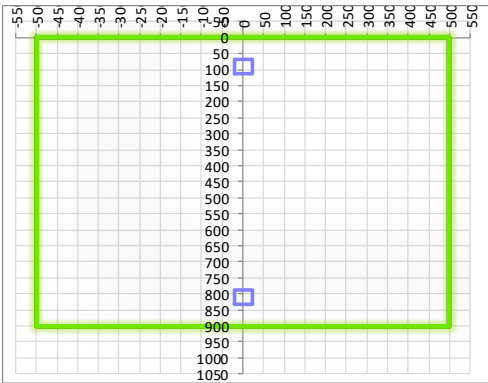
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### 11.4. Verifiche di resistenza ultima

Di seguito si riportano le verifiche delle sezioni più significative. 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).

#### 11.4.1. Caratteristiche della sezione

CARATTERISTICHE MATERIALI				
<b>Calcestruzzo:</b>				
Classe	C32/40			
$R_{ck}$	40,00 N/mm <sup>2</sup>			
$f_{ck}$	33,20 N/mm <sup>2</sup>			
$f_{cm}$	41,20 N/mm <sup>2</sup>			
$f_{ctm}$	3,10 N/mm <sup>2</sup>			
$f_{ctk,0.05}$	2,17 N/mm <sup>2</sup>			
$f_{ctk,0.95}$	4,03 N/mm <sup>2</sup>			
$f_{ctm}$	3,72 N/mm <sup>2</sup>			
$E_{cm}$	33642,78 N/mm <sup>2</sup>			
$\epsilon_{c2}$	0,200 %			
$\epsilon_{c3}$	0,175 %			
$\epsilon_{c4}$	0,070 %			
$\epsilon_{cu}$	0,350 %			
n	2,000			
tipo cemento	N			
				
<b>Acciaio:</b>				
Classe	B450C			
Tipologia comportamentale	EL-PL			
$k = (f_y/f_{yk})_k$	1			
$f_{yk}$	450 N/mm <sup>2</sup>			
$f_{tk}$	540 N/mm <sup>2</sup>			
$E_s$	200000 N/mm <sup>2</sup>			
$\epsilon_{su}$	7,500 %			
				
<b>Coefficiente di omogenizzazione:</b>				
n, breve termine	5,66 = $E_s/E_c$			
umidità relativa	75 %			
giorno app. carico	15 giorni			
periodo lungo termine	50 anni			
coefficiente di viscosità	1,93			
n, lungo termine =	10,94 = $E_s/E_{cm}$			
n, verifiche QP	15,0 = $E_s/E_{cm}$	lungo termine		
n, verifiche CAR	15,0 = $E_s/E_{cm}$	breve termine		
CARATTERISTICHE SEZIONE				
<b>Sezione:</b>				
B=	1000 mm			
H=	900 mm			
<b>Armature:</b>				
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	As mm <sup>2</sup>
1	5	22	91	1900,6636
2	5	22	809	1900,6636
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0
<b>Armatura di ripartizione:</b>				
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	As mm <sup>2</sup>
interno	5	22	69	1900,6636
esterno	10	22	831	3801,3271
				

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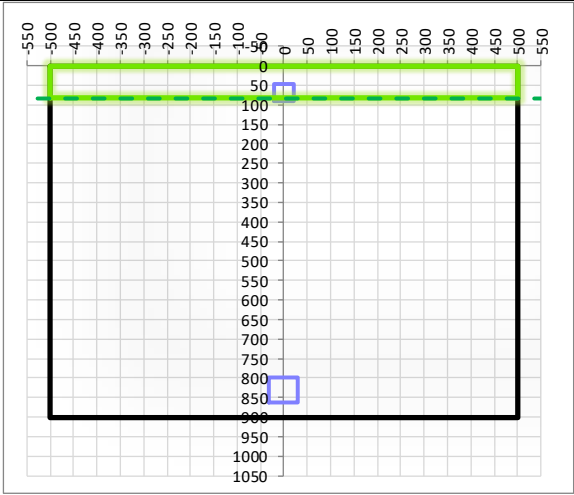
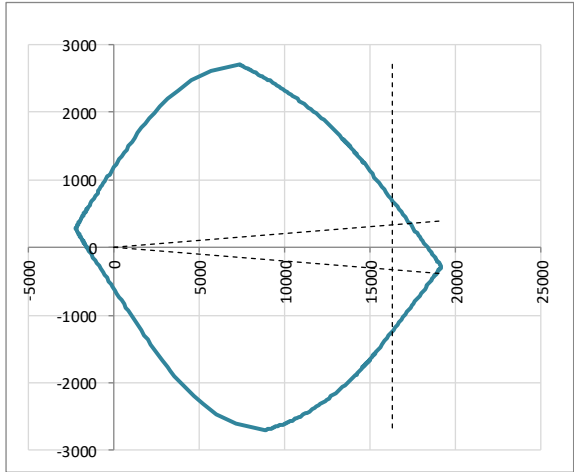
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**11.4.2. Verifiche allo stato limite ultimo per flessione m11**

CRITERI DI VERIFICA																																																																																													
<u>Coefficienti di sicurezza allo SLU</u>																																																																																													
<b>Calcestruzzo</b>																																																																																													
$\alpha_{cc}$	0,85																																																																																												
$\gamma_c$	1,50																																																																																												
$f_{cd}$	22,13 N/mm <sup>2</sup>																																																																																												
$f_{ct,eff}$	2,58 N/mm <sup>2</sup>	= $f_{ctm} / 1,2$																																																																																											
<b>Acciaio</b>																																																																																													
$\gamma_s$	1,15																																																																																												
$f_{yd}$	391,30 N/mm <sup>2</sup>																																																																																												
$\epsilon_{yd}$	0,196 %																																																																																												
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																																																													
Combinazione	area/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																																																																					
SLU	122/140		1126,6	19163,21	-2231,21	1177,04	-607,94	96%																																																																																					
<u>Sezione:</u>																																																																																													
		<b>Fibre compresse Superiori</b> $\sigma_{c,max} = 18,81$ N/mm <sup>2</sup> $\sigma_{s,min} = -391,30$ N/mm <sup>2</sup> $\epsilon_{c,max} = 0,35$ % $\epsilon_{s,min} = -3,16$ % $d = 831,00$ mm $x = 82,97$ mm $x/d = 0,10$																																																																																											
<u>Dominio M-N</u>																																																																																													
		<table border="1"> <thead> <tr> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr> <td>SLU</td> <td>122/140</td> <td>0,0</td> <td>1126,6</td> </tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLU	122/140	0,0	1126,6																																																																																
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SLU	122/140	0,0	1126,6																																																																																										





#### 11.4.4. Verifiche allo stato limite ultimo taglio

CALCESTRUZZO		
Classe calcestruzzo		C32/40
Resistenza cubica caratteristica	R <sub>ck</sub>	40,00 Mpa
Resistenza cilindrica caratteristica	f <sub>ck</sub>	33,2 Mpa

ACCIAIO		
Tipologia		B450C
Resistenza caratteristica allo snervamento		450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ <sub>c</sub>	1,50
Coefficiente riduttivo per resistenze di lunga durata	α <sub>cc</sub>	0,85
Coefficiente di sicurezza per l'acciaio	γ <sub>s</sub>	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 [mm <sup>2</sup> ]
strato1		5	22	69	1901
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A <sub>s</sub>				1901 mm <sup>2</sup>
Posizione della barra equivalente	c*				69 mm

SOLLECITAZIONI		
Load Case		SLU
Aea		20/38
Azione assiale (+ di compressione)	N <sub>Ed</sub>	kN
Taglio	V <sub>Ed</sub>	938,77 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	831 mm
Coefficiente	k	1,49
Rapporto di armatura longitudinale	ρ <sub>l</sub>	0,23%
Tensione assiale media	σ <sub>cp</sub>	0,00 N/mm <sup>2</sup>
	0.2 x f <sub>cd</sub>	3,76 N/mm <sup>2</sup>
	v <sub>min</sub>	0,37 N/mm <sup>2</sup>
Resistenza al taglio minima	V <sub>rd,min</sub>	304,98 kN
Resistenza al taglio senza armatura	V <sub>rd</sub>	304,98 kN
Verifica		3,08 <b>E' necessario prevedere armatura a taglio</b>

ARMATURA A TAGLIO		
Diametro staffe	φ	12 mm
Numero braccia	n	3,33
Passo staffe	s	200 mm
Inclinazione staffe (rispetto all'orizzontale)	α	90 °
Inclinazione del puntone in calcestruzzo	θ	30 °
Valore minimo di inclinazione del puntone in calcestruzzo	θ <sub>min</sub>	21,80 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v <sub>1</sub>	0,5
Resistenza cilindrica di progetto	f <sub>cd</sub>	18,81333333 N/mm <sup>2</sup>
Area armatura a taglio	A <sub>st</sub>	376,61 mm <sup>2</sup>
	σ <sub>cp</sub> /f <sub>cd</sub>	0
Coefficiente di interazione	α <sub>cw</sub>	1
Resistenza a taglio per rottura delle armature	V <sub>rd,s</sub>	954,52 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V <sub>rd,c</sub>	3046,35 kN
Resistenza al taglio	V <sub>rd</sub>	954,52 kN
Verifica		0,98 <b>Verifica soddisfatta</b>

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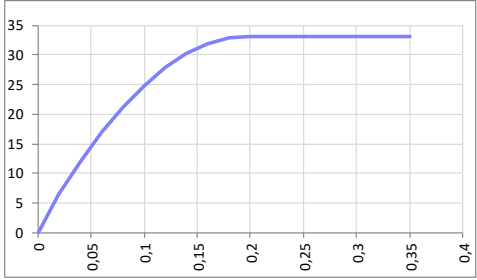
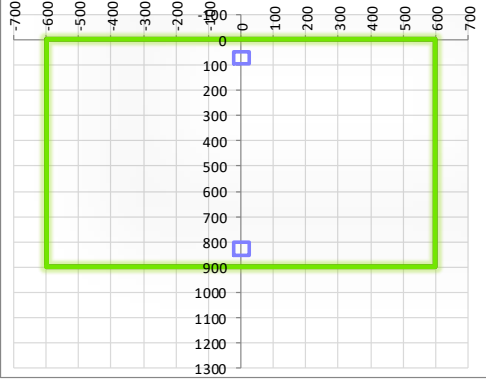
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### 11.5. Verifiche di resistenza puntoni

Di seguito si riportano le verifiche di resistenza del puntone. 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).

#### 11.5.1. Caratteristiche della sezione

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giorno app. carico	15 giorni																																																							
periodo lungo termine	50 anni																																																							
coefficiente di viscosità	1,92																																																							
n, lungo termine =	10,86 = $E_s/E_{cm}$																																																							
n, verifiche QP	15,0 = $E_s/E_{cm}$ lungo termine																																																							
n, verifiche CAR	15,0 = $E_s/E_{cm}$ breve termine																																																							
CARATTERISTICHE SEZIONE																																																								
<b>Sezione:</b>																																																								
B=	1200 mm																																																							
H=	900 mm																																																							
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<table border="1"> <thead> <tr> <th>Pos.</th> <th>n° barre</th> <th>∅ mm</th> <th>y<sub>i</sub> mm</th> <th>A<sub>s</sub> mm<sup>2</sup></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6</td> <td>22</td> <td>73</td> <td>2280,7963</td> </tr> <tr> <td>2</td> <td>6</td> <td>22</td> <td>827</td> <td>2280,7963</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> <td>0</td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> <td>0</td> </tr> </tbody> </table>	Pos.	n° barre	∅ mm	y <sub>i</sub> mm	A <sub>s</sub> mm <sup>2</sup>	1	6	22	73	2280,7963	2	6	22	827	2280,7963	3				0	4				0	5				0	6				0	7				0	8				0	9				0	10				0	
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	A <sub>s</sub> mm <sup>2</sup>																																																				
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### 11.5.3. Verifiche allo stato limite ultimo taglio

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

ACCIAIO	
Tipologia	B450C
Resistenza caratteristica allo snervamento	450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	$\gamma_c$	1,50
Coefficiente riduttivo per resistenze di lunga durata	$\alpha_{cc}$	0,85
Coefficiente di sicurezza per l'acciaio	$\gamma_s$	1,15

GEOMETRIA SEZIONE C.A.					
Base	b	1200 mm			
Altezza	h	900 mm			
<i>Barre tese</i>		<i>numero barre</i>	<i>diametro barre [mm]</i>	<i>copriferro in asse barra [mm]</i>	<i>Area barre [mm<sup>2</sup>]</i>
strato1		6	22	73	2281
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	$A_s$	2281 mm <sup>2</sup>			
Posizione della barra equivalente	$c^*$	73 mm			

SOLLECITAZIONI		
Load Case		
Frame		
Azione assiale (+ di compressione)	$N_{Ed}$	kN
Taglio	$V_{Ed}$	140,4 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	827 mm
Coefficiente	k	1,49
Rapporto di armatura longitudinale	$\rho_l$	0,23%
Tensione assiale media	$\sigma_{cp}$	0,00 N/mm <sup>2</sup>
	$0.2 \times f_{cd}$	3,76 N/mm <sup>2</sup>
	$v_{min}$	0,37 N/mm <sup>2</sup>
Resistenza al taglio minima	$V_{rd,min}$	364,65 kN
<b>Resistenza al taglio senza armatura</b>	<b><math>V_{rd}</math></b>	<b>364,65 kN</b>
Verifica		<b>0,39</b> <i>Verifica soddisfatta</i>

Si predispongono staffe  $\phi 12/15$ .

## 12. ANALISI E VERIFICA DEI ROSTRI – FASE FINALE

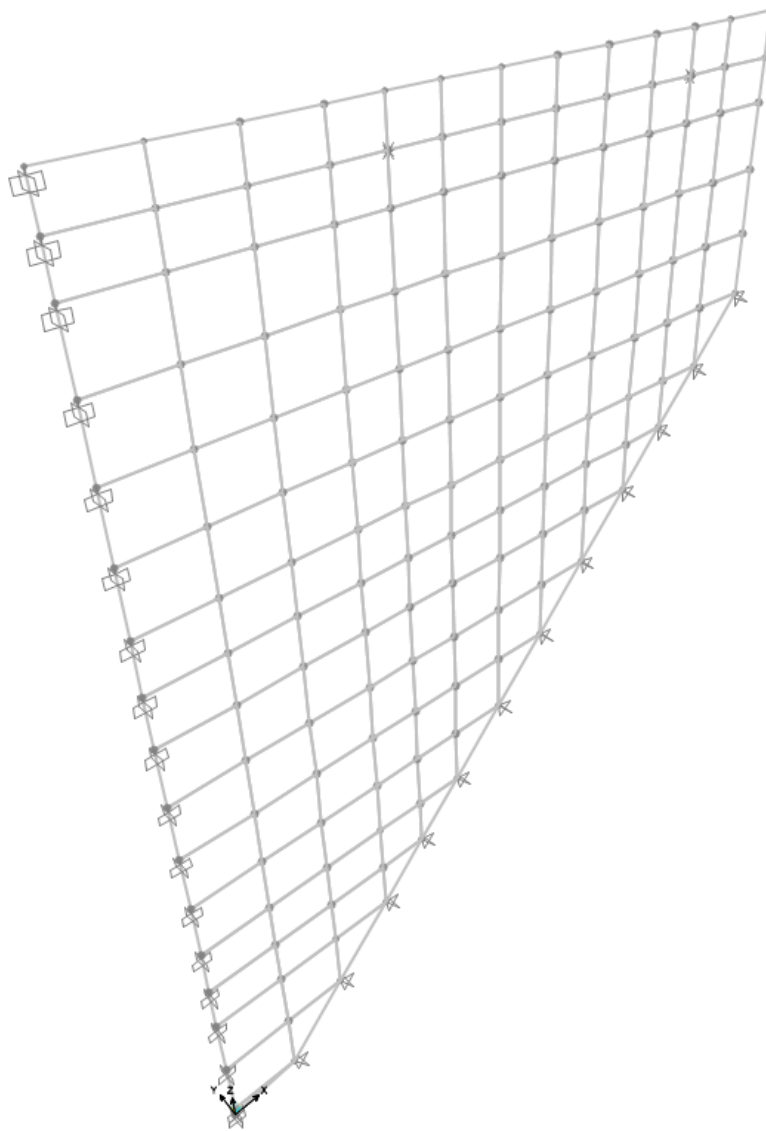
L'analisi dei rostri del monolite è stata condotta con un programma agli elementi finiti (SAP2000), schematizzando una parete verticale con elementi shell mutuamente incastrati, e schematizzando la sottomurazione mediante vincoli fissi.

La parete modellata ha un'altezza massima pari a 10.60m in corrispondenza dell'attacco al monolite, ed uno sviluppo di 8.30m; lo spessore attribuito agli elementi shell è pari allo spessore della parete (0.90m).

Tale modello viene vincolato mediante l'applicazione di incastri lungo i lati corrispondenti all'attacco della parete ai piedritti dello scatolare e alla fondazione.

La mesh è composta da 138 shell e da 156 nodi.

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



*Schema statico*

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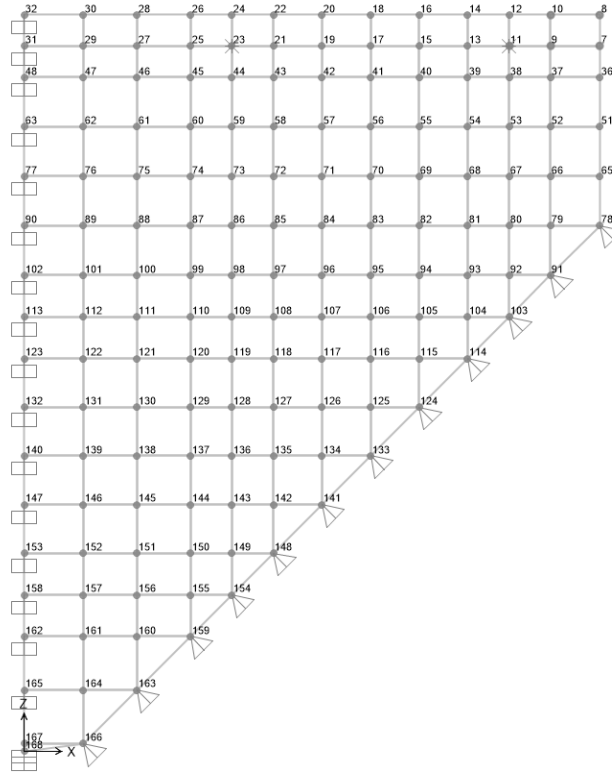
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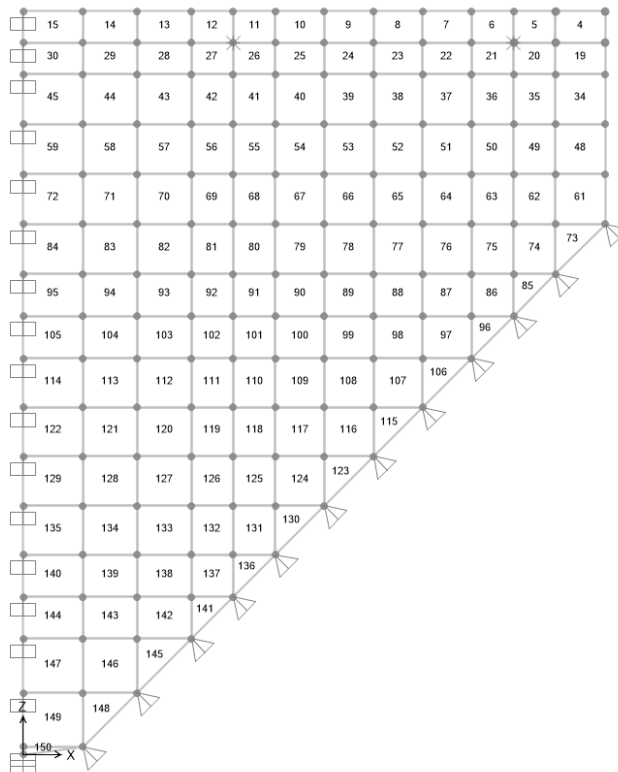
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*Numerazione nodi*



*Numerazione elementi shell*

## 12.1. Analisi dei carichi

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

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

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

Per i materiali si assumono i seguenti pesi specifici:

- calcestruzzo armato:  $\gamma_{c.a.} = 25 \text{ kN/m}^3$
- rilevato:  $\gamma_{ril} = 20 \text{ kN/m}^3$

### 12.1.1. Peso proprio strutture (Load 1)

- parete rostro  $S_s \times \gamma_{c.a.} = 0.9 \times 25.00 = \mathbf{22.50 \text{ kN/m}^2}$

### 12.1.2. Spinta del terreno durante le fasi di spinta (Load 2)

Durante la fase finale la spinta delle terre viene calcolata, cautelativamente, a partire dal filo superiore del rostro. Si riporta di seguito il calcolo delle pressioni agenti sulla struttura:

- Pressione al filo inferiore:

$$P_1 (h_1 = 10.60\text{m}) = k_0 \times (H_{ric} \times \gamma_t) = 0.50 \times (10.60 \times 20.0) = \mathbf{106.00 \text{ kN/m}^2}$$

### 12.1.3. Spinta del sovraccarico a tergo parete durante la fase di spinta (Load 3)

Si considera a tergo della parete un sovraccarico accidentale di  $20 \text{ kN/m}^2$ ; la pressione orizzontale sulla parete dovuta a tale carico è pari a:

$$p = q \times k_0 = 20.00 \times 0.50 = \mathbf{10.00 \text{ kN/m}^2}$$

### 12.1.4. Azione sismica (Load 4 – Load 5)

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

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

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

P = peso proprio;

$a_g$  = accelerazioni sismiche al suolo.

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

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



Per tener conto dell'incremento di spinta del terreno dovuta al sisma si fa riferimento all'EC8-5, appendice E – “Analisi semplificata per le strutture di contenimento”, punto 9 – “Forze causate dalla spinta del terreno per strutture rigide”, in cui l'incremento di spinta sismica  $\Delta P$  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 4) viene considerata uniformemente distribuita su tutta l'altezza della sezione verticale rigida di riferimento  $h_{tot}$ .

- $\Delta p_d = S \cdot a_g / g \cdot \gamma \cdot h_{tot} = 0.277 \times 20.0 \times 10.60 = 58.72 \text{ kN/m}^2$

Per il calcolo delle azioni sismiche dovute all'inerzia degli elementi strutturali si considera solo il contributo in direzione orizzontale (Load 5):

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

## 12.2. 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	Spinta del terreno
3	Qk	Spinta sovraccarico a tergo parete
4	Qk	Incremento dinamico terreno
5	Qk	Azioni sismiche inerziali orizzontali

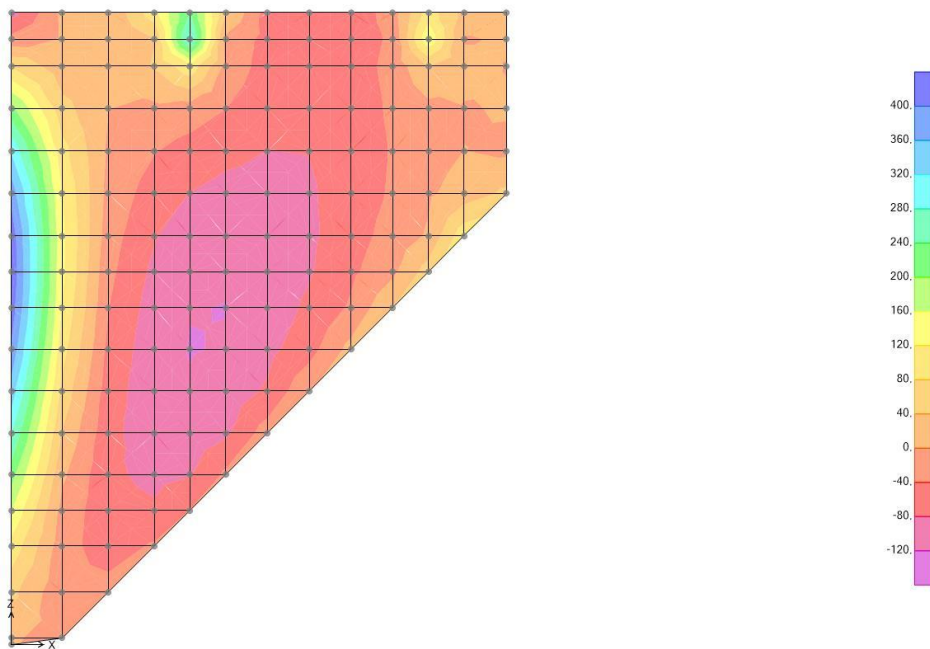
I carichi caratteristici sopra elencati, al fine di ottenere le sollecitazioni di progetto per effettuare le successive verifiche, sono opportunamente combinati fra loro come da tabella riportata.

		P.P	Spinta terreno	Spinta sovr.	Incr. dinamico terreno	Inerzia sismica
		1	2	3	4	5
1	SLU	1.3	1.3	1.5	0	0
2	SLV	1	1	0.2	1	1
3	QP	1	1	0	0	0
4	CAR	1	1	1	0	0

### 12.3. Diagrammi di involuppo rostro

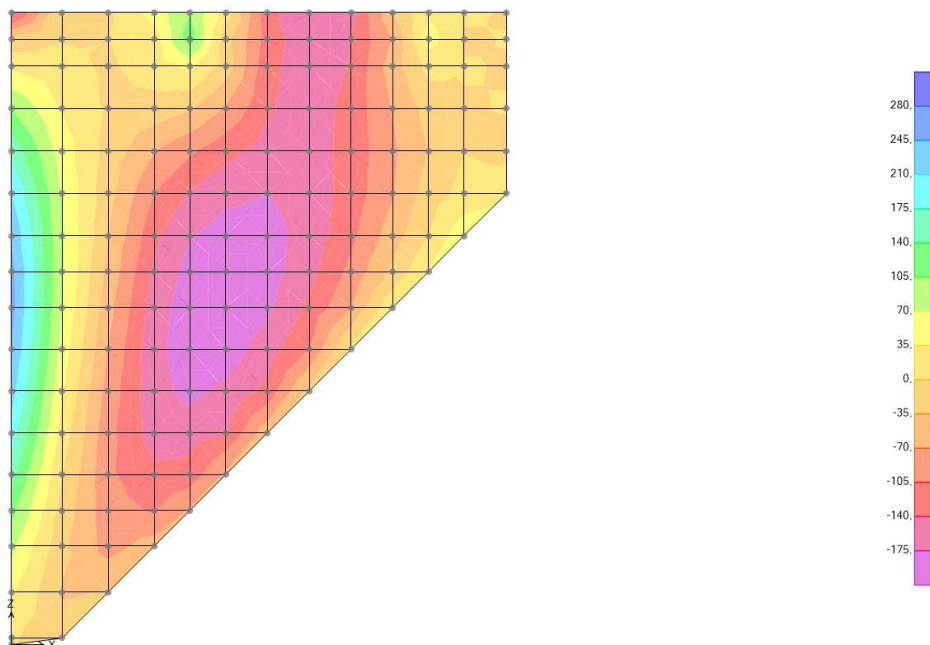
#### 12.3.1. Inviluppo SLU/SLV momento flettente $m_{11}$ - max

Resultant M11 Diagram (ENV\_STR - Max)



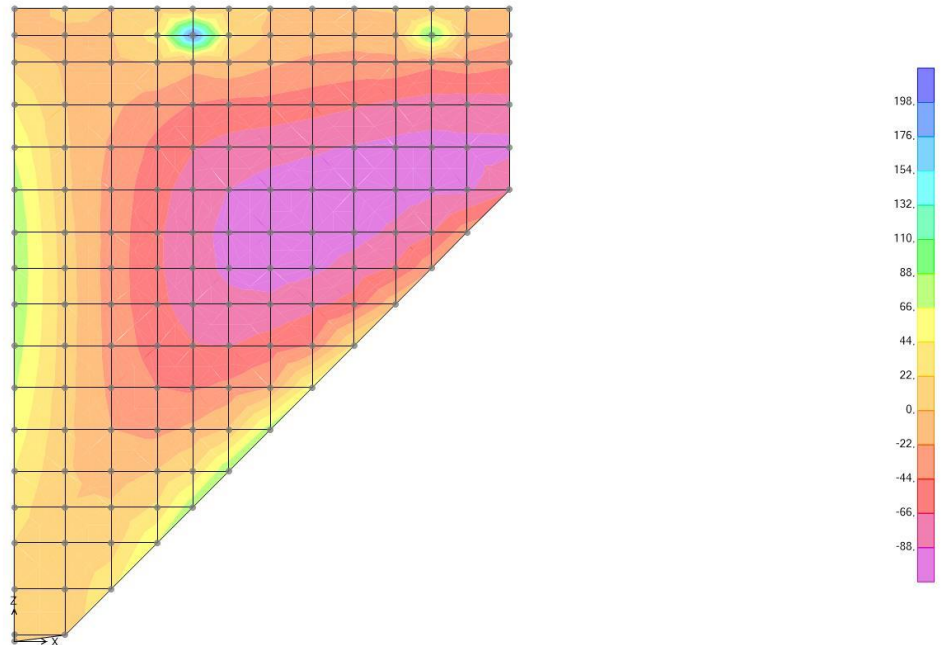
#### 12.3.2. Inviluppo SLU/SLV momento flettente $m_{11}$ - min

Resultant M11 Diagram (ENV\_STR - Min)



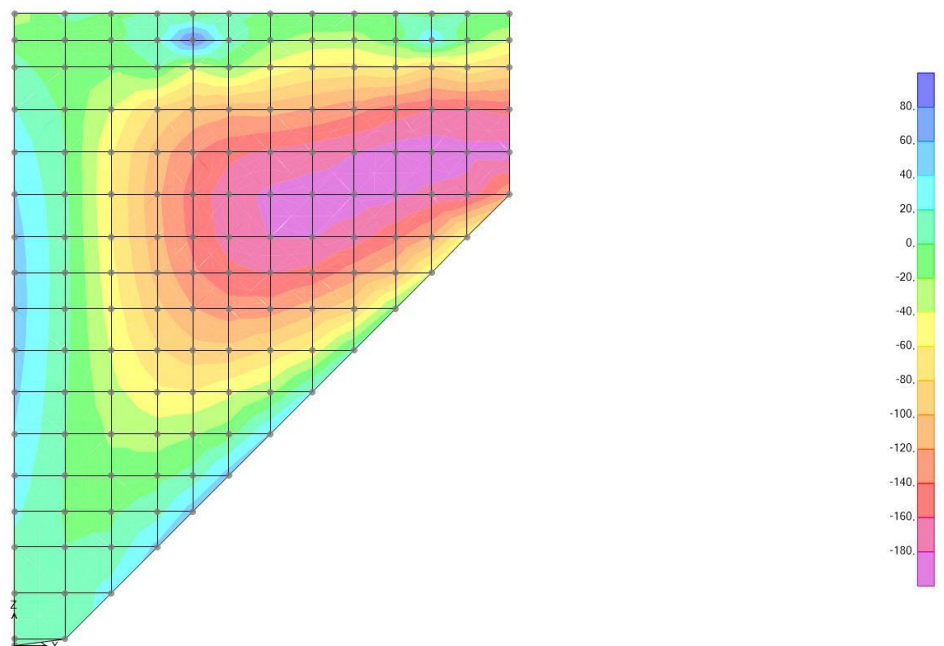
**12.3.3. Inviluppo SLU/SLV momento flettente m22 – max**

Resultant M22 Diagram (ENV\_STR - Max)



**12.3.4. Inviluppo SLU/SLV momento flettente m22 - min**

Resultant M22 Diagram (ENV\_STR - Min)



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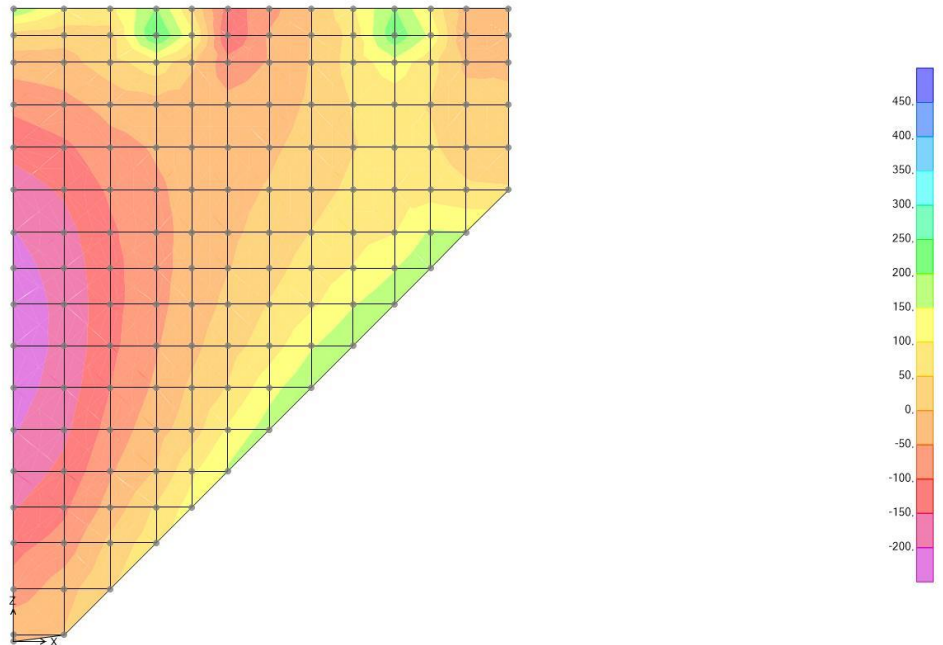
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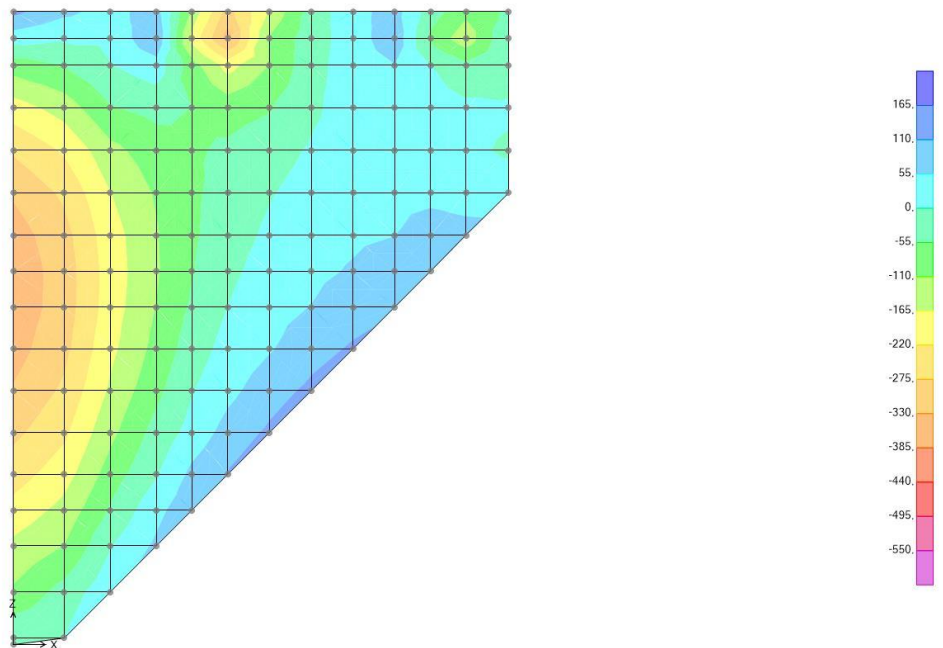
### 12.3.5. Inviluppo SLU/SLV taglio v13 - max

Resultant V13 Diagram (ENV\_STR - Max)



### 12.3.6. Inviluppo SLU/SLV taglio v13 - min

Resultant V13 Diagram (ENV\_STR - Min)



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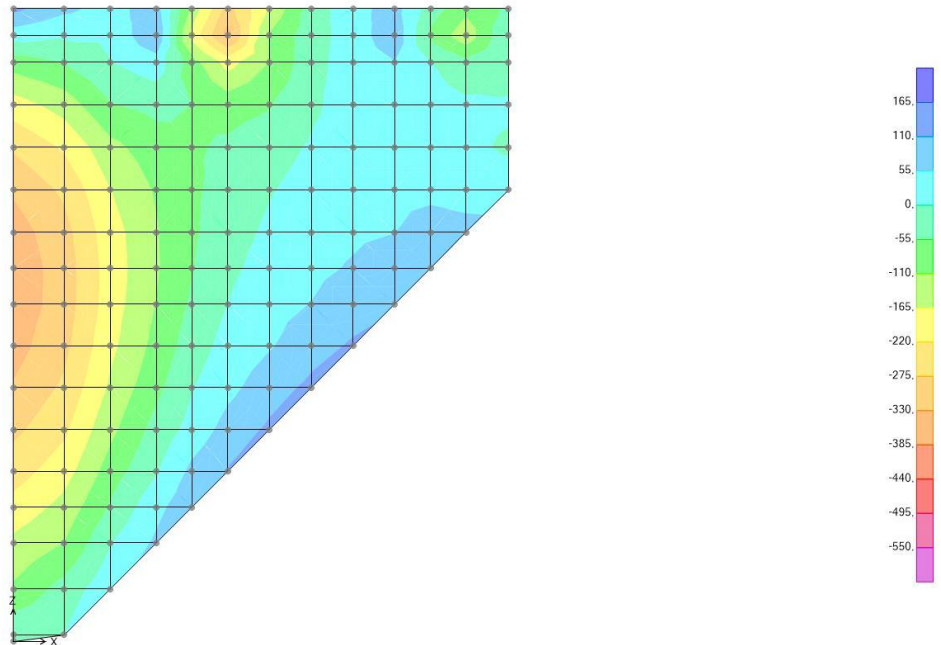
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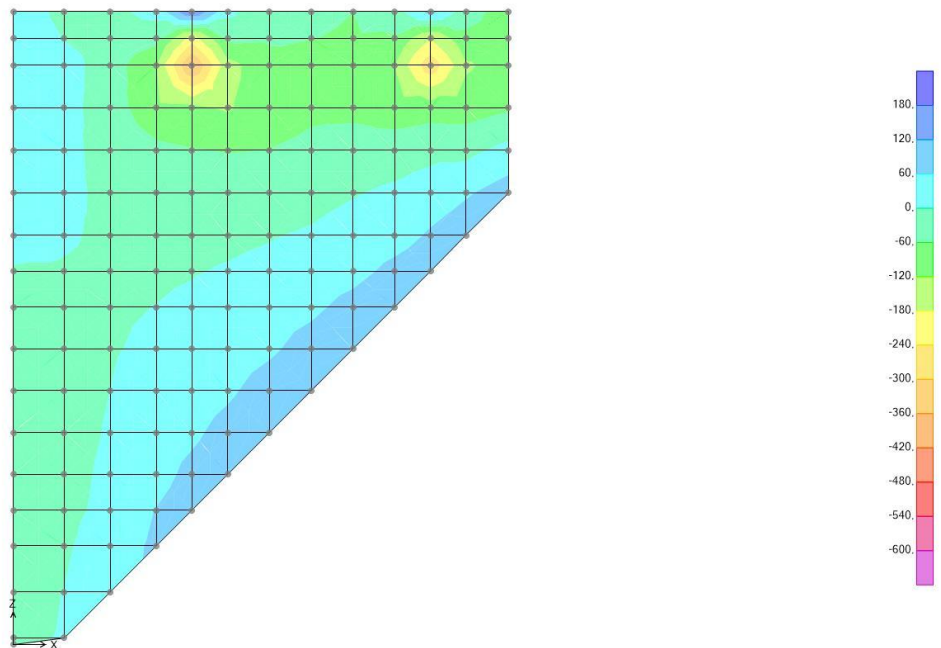
### 12.3.7. Inviluppo SLU/SLV taglio v23 - max

Resultant V13 Diagram (ENV\_STR - Min)



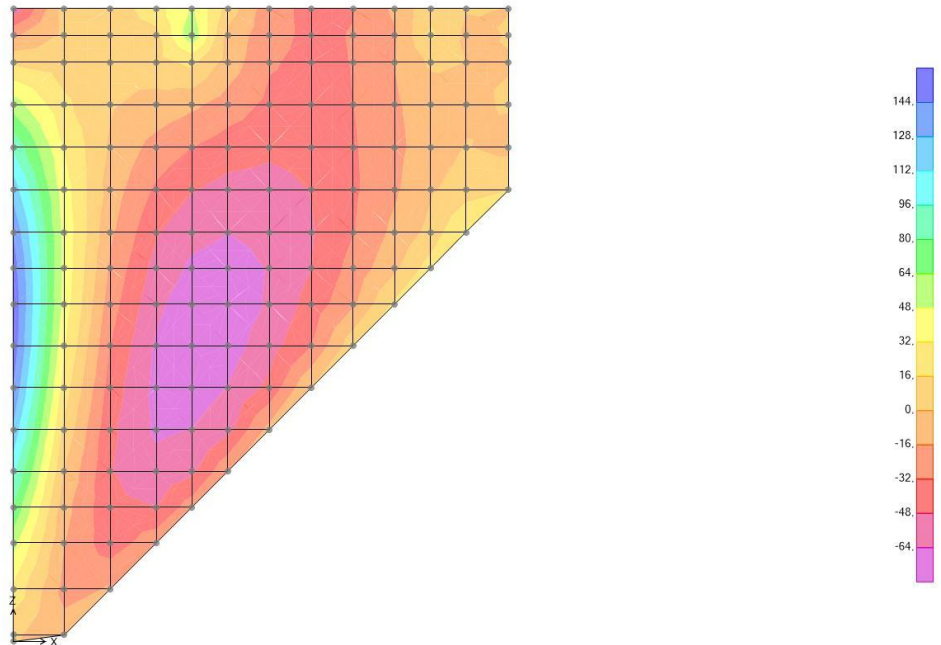
### 12.3.8. Inviluppo SLU/SLV taglio v23 - min

Resultant V23 Diagram (ENV\_STR - Min)

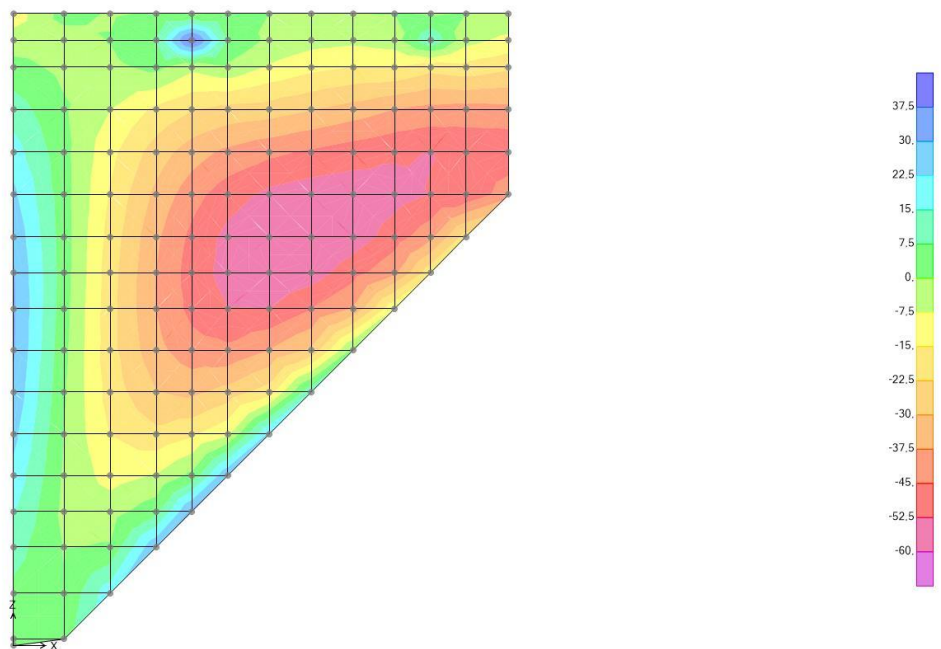


**12.3.9. Inviluppo QP momento flettente m11**

Resultant M11 Diagram (QP)

**12.3.10. Inviluppo QP momento flettente m22**

Resultant M22 Diagram (QP)



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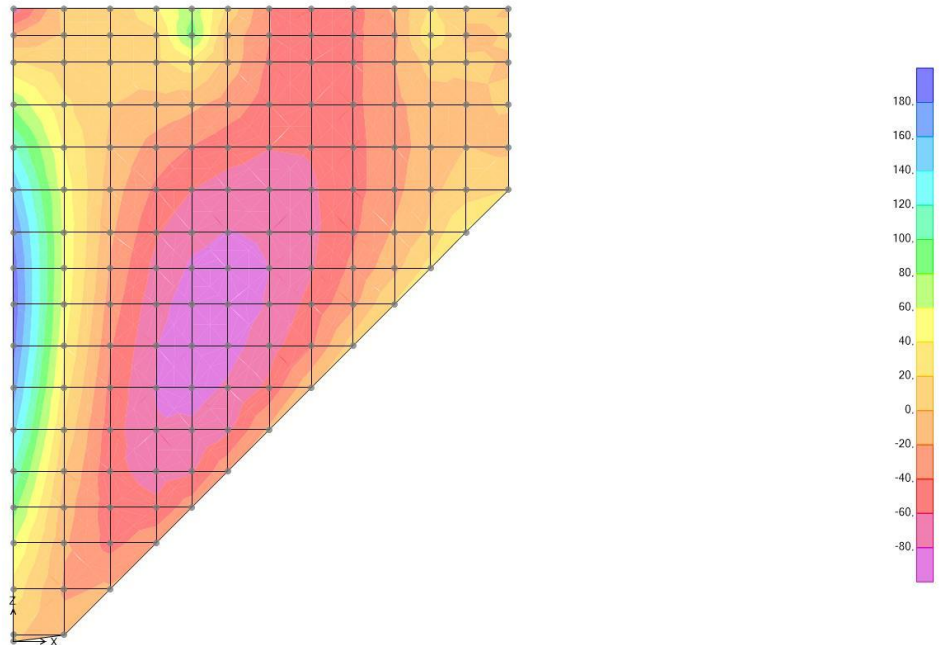
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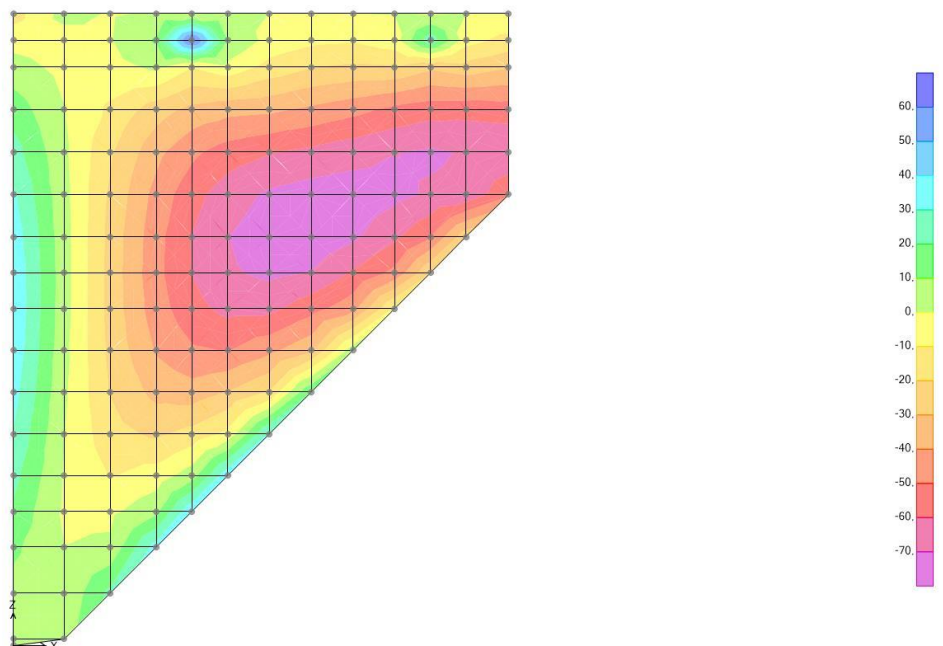
**12.3.11. Inviluppo CAR momento flettente m11**

Resultant M11 Diagram (CAR)



**12.3.12. Inviluppo CAR momento flettente m22**

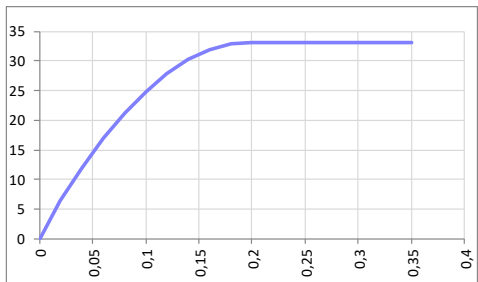
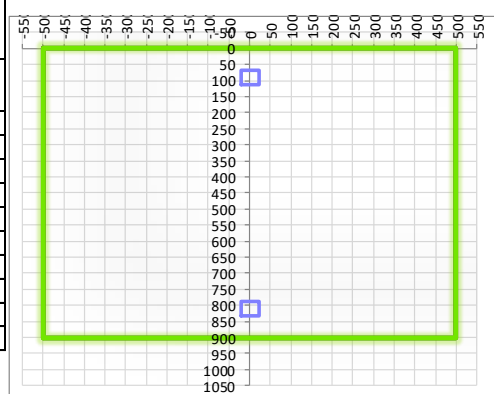
Resultant M22 Diagram (CAR)



## 12.4. Verifiche di resistenza ultima

Di seguito si riportano le verifiche delle sezioni più significative. 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).

### 12.4.1. Caratteristiche della sezione

CARATTERISTICHE MATERIALI					
<b>Calcestruzzo:</b>					
Classe	C32/40				
$R_{ck}$	40,00 N/mm <sup>2</sup>				
$f_{ck}$	33,20 N/mm <sup>2</sup>				
$f_{cm}$	41,20 N/mm <sup>2</sup>				
$f_{ctm}$	3,10 N/mm <sup>2</sup>				
$f_{ctk,0.05}$	2,17 N/mm <sup>2</sup>				
$f_{ctk,0.95}$	4,03 N/mm <sup>2</sup>				
$f_{ctm}$	3,72 N/mm <sup>2</sup>				
$E_{cm}$	33642,78 N/mm <sup>2</sup>				
$\epsilon_{c2}$	0,200 %				
$\epsilon_{c3}$	0,175 %				
$\epsilon_{c4}$	0,070 %				
$\epsilon_{cu}$	0,350 %				
n	2,000				
tipo cemento	N				
<b>Acciaio:</b>					
Classe	B450C				
Tipologia comportamento	EL-PL				
$k = (f_y/f_{yk})_k$	1				
$f_{yk}$	450 N/mm <sup>2</sup>				
$f_{tk}$	540 N/mm <sup>2</sup>				
$E_s$	200000 N/mm <sup>2</sup>				
$\epsilon_{su}$	7,500 %				
<b>Coefficiente di omogenizzazione:</b>					
n, breve termine	5,66 = $E_s/E_c$				
umidità relativa	75 %				
giorno app. carico	15 giorni				
periodo lungo termine	50 anni				
coefficiente di viscosità	1,93				
n, lungo termine =	10,94 = $E_s/E_{cm}$				
n, verifiche QP	15,0 = $E_s/E_{cm}$	lungo termine			
n, verifiche CAR	15,0 = $E_s/E_{cm}$	breve termine			
CARATTERISTICHE SEZIONE					
<b>Sezione:</b>					
B=	1000 mm				
H=	900 mm				
<b>Armature:</b>					
Pos.	n° barre	∅ mm	y <sub>i</sub> mm		As mm <sup>2</sup>
1	5	22	91		1900,6636
2	5	22	809		1900,6636
3					0
4					0
5					0
6					0
7				0	
8				0	
9				0	
10				0	
<b>Armatura di ripartizione:</b>					
Pos.	n° barre	∅ mm	y <sub>i</sub> mm	As mm <sup>2</sup>	
interno	5	22	69	1900,6636	
esterno	10	22	831	3801,3271	





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12.4.2. Verifiche allo stato limite ultimo per flessione m11

CRITERI DI VERIFICA																																																			
<u>Coefficienti di sicurezza allo SLU</u>																																																			
<b>Calcestruzzo</b>																																																			
$\alpha_{cc}$	0,85																																																		
$\gamma_c$	1,50																																																		
$f_{cd}$		22,13 N/mm <sup>2</sup>																																																	
$f_{ct,eff}$		2,58 N/mm <sup>2</sup>	= $f_{ctm} / 1,2$																																																
<b>Acciaio</b>																																																			
$\gamma_s$	1,15																																																		
$f_{yd}$		391,30 N/mm <sup>2</sup>																																																	
$\epsilon_{yd}$		0,196 %																																																	
STATO LIMITE ULTIMO - PRESSOFLESSIONE																																																			
Combinazione	area/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd																																											
SLV	95/113		436,1	18419,48	-1487,48	607,18	-607,18	72%																																											
<u>Sezione:</u>																																																			
	<b>Fibre compresse</b>		<b>Superiori</b>																																																
	$\sigma_{c,max}$	=	18,81	N/mm <sup>2</sup>																																															
	$\sigma_{s,min}$	=	-391,30	N/mm <sup>2</sup>																																															
	$\epsilon_{c,max}$	=	0,35	%																																															
	$\epsilon_{s,min}$	=	-4,44	%																																															
	d	=	831,00	mm																																															
	x/d	=	0,07																																																
<u>Dominio M-N</u>																																																			
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #c8e6c9;"> <th>Combinazione</th> <th>fram/nodo</th> <th>NSd [kN]</th> <th>MSd [kNm]</th> </tr> </thead> <tbody> <tr style="background-color: #c8e6c9;"> <td>SLV</td> <td>95/113</td> <td>0,0</td> <td>436,1</td> </tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> <tr style="background-color: #c8e6c9;"><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				Combinazione	fram/nodo	NSd [kN]	MSd [kNm]	SLV	95/113	0,0	436,1																																				
Combinazione	fram/nodo	NSd [kN]	MSd [kNm]																																																
SLV	95/113	0,0	436,1																																																



#### 12.4.4. Verifiche allo stato limite ultimo taglio

CALCESTRUZZO		
Calsse calcestruzzo		C32/40
Resistenza cubica caratteristica	R <sub>ck</sub>	40,00 Mpa
Resistenza cilindrica caratteristica	f <sub>ck</sub>	33,2 Mpa

ACCIAIO		
Tipologia		B450C
Resistenza caratteristica allo snervamento		450 Mpa

COEFFICIENTI MATERIALE		
Coefficiente di sicurezza per il calcestruzzo	γ <sub>c</sub>	1,50
Coefficiente riduttivo per resistenze di lunga durata	α <sub>cc</sub>	0,85
Coefficiente di sicurezza per l'acciaio	γ <sub>s</sub>	1,15

GEOMETRIA SEZIONE C.A.					
Base	b			1000 mm	
Altezza	h			900 mm	
Barre tese		numero barre	diámetro barre [mm]	copriferro in asse barra [mm]	Area barre [mm <sup>2</sup> ]
strato1		5	22	91	1901
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A <sub>s</sub>				1901 mm <sup>2</sup>
Posizione della barra equivalente	c*				91 mm

SOLLECITAZIONI		
Load Case		SLV
Area/nodo		
Azione assiale (+ di compressione)	N <sub>Ed</sub>	kN
Taglio	V <sub>Ed</sub>	610,98 kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO		
Altezza utile della sezione	d	809 mm
Coefficiente	k	1,50
Rapporto di armatura longitudinale	ρ <sub>l</sub>	0,23%
Tensione assiale media	σ <sub>cp</sub>	0,00 N/mm <sup>2</sup>
	0.2 x f <sub>cd</sub>	3,76 N/mm <sup>2</sup>
	v <sub>min</sub>	0,37 N/mm <sup>2</sup>
Resistenza al taglio minima	V <sub>rd,min</sub>	298,89 kN
Resistenza al taglio senza armatura	V <sub>rd</sub>	298,89 kN
Verifica		2,04 <b>E' necessario prevedere armatura a taglio</b>

ARMATURA A TAGLIO		
Diametro staffe	φ	12 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 <sub>min</sub>	21,80 °

VERIFICA RESISTENZA SEZIONE CON ARMATURA A TAGLIO		
Coefficiente di riduzione per fessurazione	v <sub>1</sub>	0,5
Resistenza cilindrica di progetto	f <sub>cd</sub>	18,81333333 N/mm <sup>2</sup>
Area armatura a taglio	A <sub>st</sub>	376,61 mm <sup>2</sup>
	σ <sub>cp</sub> /f <sub>cd</sub>	0
Coefficiente di interazione	α <sub>ew</sub>	1
Resistenza a taglio per rottura delle armature	V <sub>rd,s</sub>	639,38 kN
Resistenza a taglio per rottura del puntone in calcestruzzo	V <sub>rd,c</sub>	3372,47 kN
Resistenza al taglio	V <sub>rd</sub>	639,38 kN
Verifica		0,96 <b>Verifica soddisfatta</b>

### 12.4.5. Verifiche allo stato limite di esercizio m11

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO								
PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k <sub>1</sub> =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k <sub>3</sub> =	3,40	(valore raccomandato)						
k <sub>4</sub> =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	<b>Aggressive</b>							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	<b>Poco sensibile</b>							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
<b>Combinazione</b>	$\sigma_c / f_{ck}$	$\sigma_s / f_{yk}$	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)								
<u>Fessurazione</u>								
<b>Combinazione</b>	n. combinazione	area/nodo	N	M	w <sub>d</sub>	w <sub>lim</sub>	MO - Mf	
			[kN]	[kNm]	[mm]	[mm]	[kNm]	
Caratteristica	CAR	105/123		193,7	Msd<Mf	0,200	396,13	-
<u>Tensioni in esercizio</u>								
<b>Combinazione</b>	n. combinazione	area/nodo	N	M	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$	
			[kN]	[kNm]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	
Quasi permanente	QP	105/123		158,0	-1,94	107,90	-17,74	Sezione parzializzata
Caratteristica	CAR	105/123		193,7	-2,38	132,29	-21,75	Sezione parzializzata

### 12.4.6. Verifiche allo stato limite di esercizio m22

SEZIONE RETTANGOLARE - VERIFICHE IN ESERCIZIO								
PARAMETRI VERIFICA FESSURAZIONE								
kt=	0,40	(0,6 = azioni di breve durata; 0,4 = azioni di lunga durata)						
k <sub>1</sub> =	0,80	(0,8=barre ad aderenza migliorata; 1,6= barre lisce e trefoli)						
k <sub>3</sub> =	3,40	(valore raccomandato)						
k <sub>4</sub> =	0,425	(valore raccomandato)						
CRITERI DI VERIFICA								
<u>Fessurazione</u>								
Condiz. Ambientali:	2	1- Ordinarie; 2- Aggressive; 3- Molto aggressive						
	<b>Aggressive</b>							
Armature:	2	1-Sensibili; 2-Poco sensibili						
	<b>Poco sensibile</b>							
<u>Tensioni in esercizio</u>								
	Limite	Limite	$\sigma_{c,max}$	$\sigma_{s,max}$				
<b>Combinazione</b>	$\sigma_c / f_{ck}$	$\sigma_s / f_{yk}$	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]				
Quasi Permanente	0,40	0,75	13,28	337,50				
Caratteristica	0,55	0,75	18,26	337,50				
SOLLECITAZIONI SLE (N+ di compressione -- M+ tende le fibre inferiori)								
<u>Fessurazione</u>								
<b>Combinazione</b>	n. combinazione	area/nodo	N	M	w <sub>d</sub>	w <sub>lim</sub>	MO - Mf	
			[kN]	[kNm]	[mm]	[mm]	[kNm]	
Caratteristica	CAR	78/95		76,2	Msd<Mf	0,200	390,80	-
<u>Tensioni in esercizio</u>								
<b>Combinazione</b>	n. combinazione	area/nodo	N	M	$\sigma_{c,min}$	$\sigma_{s,max}$	$\sigma_{s,min}$	
			[kN]	[kNm]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	[N/mm <sup>2</sup> ]	
Quasi permanente	QP	78/95		60,0	-0,79	42,36	-5,73	Sezione parzializzata
Caratteristica	CAR	78/95		76,2	-1,00	53,74	-7,27	Sezione parzializzata

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### 13. RIFERIMENTI

#### 13.1. Documenti referenziati

- Rif. [1] Cepav due, documento n° INOR 11 E E2 RB IN77 00 001, intitolato “RELAZIONE GEOTECNICA IN77 - Ponte scatolare Canale di Sommacampagna - pk 148+839.037”.
- Rif. [2] Cepav due, documento n° INOR 11 E E2 CL IN77 00 001, intitolato “RELAZIONE DI CALCOLO SCATOLARI AV/AC E LINEA STORICA IN77 - Ponte scatolare Canale di Sommacampagna - pk 148+839.037”.
- Rif. [3] Cepav due, documento n° INOR 11 E E2 CL IN77 00 003, intitolato “RELAZIONE DI CALCOLO MURI IN77 - Ponte scatolare Canale di Sommacampagna - pk 148+839.037”.

#### 13.2. Documenti correlati

Non sono presenti documenti correlati.

#### 13.3. Documenti superati

Non sono presenti documenti superati.

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#### 14. ALLEGATI

- All. [1] Documento intitolato "Tabulati di calcolo – Rostro – fase di spinta"
- All. [2] Documento intitolato "Tabulati di calcolo – Rostro – fase finale"

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## ALLEGATO 1

<b>TITOLO</b>	Tabulati di calcolo – Rostro – fase di spinta
<b>TIPO DI DOCUMENTO:</b>	Documento – Formato A4
<b>CODIFICA:</b>	-
<b>PAGINE:</b>	315
<b>DATA:</b>	31/08/18
<b>SORGENTE:</b>	Cepav due
<b>NOTE:</b>	



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Table: Area Loads - Surface Pressure

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
1	SSOVR	Top	-20	None
1	STER	Top	-1	STER
2	SSOVR	Top	-20	None
2	STER	Top	-1	STER
3	SSOVR	Top	-20	None
3	STER	Top	-1	STER
4	SSOVR	Top	-20	None
4	STER	Top	-1	STER
5	SSOVR	Top	-20	None
5	STER	Top	-1	STER
6	SSOVR	Top	-20	None
6	STER	Top	-1	STER
7	SSOVR	Top	-20	None
7	STER	Top	-1	STER
8	SSOVR	Top	-20	None
8	STER	Top	-1	STER
9	SSOVR	Top	-20	None
9	STER	Top	-1	STER
10	SSOVR	Top	-20	None
10	STER	Top	-1	STER
11	SSOVR	Top	-20	None
11	STER	Top	-1	STER
12	SSOVR	Top	-20	None
12	STER	Top	-1	STER
13	SSOVR	Top	-20	None
13	STER	Top	-1	STER
14	SSOVR	Top	-20	None
14	STER	Top	-1	STER
15	SSOVR	Top	-20	None
15	STER	Top	-1	STER
16	SSOVR	Top	-20	None
16	STER	Top	-1	STER
17	SSOVR	Top	-20	None
17	STER	Top	-1	STER
18	SSOVR	Top	-20	None
18	STER	Top	-1	STER
19	SSOVR	Top	-20	None
19	STER	Top	-1	STER
20	SSOVR	Top	-20	None
20	STER	Top	-1	STER
21	SSOVR	Top	-20	None
21	STER	Top	-1	STER
22	SSOVR	Top	-20	None
22	STER	Top	-1	STER
23	SSOVR	Top	-20	None
23	STER	Top	-1	STER
24	SSOVR	Top	-20	None
24	STER	Top	-1	STER
25	SSOVR	Top	-20	None
25	STER	Top	-1	STER
26	SSOVR	Top	-20	None
26	STER	Top	-1	STER
27	SSOVR	Top	-20	None
27	STER	Top	-1	STER
28	SSOVR	Top	-20	None
28	STER	Top	-1	STER
29	SSOVR	Top	-20	None
29	STER	Top	-1	STER
30	SSOVR	Top	-20	None
30	STER	Top	-1	STER
31	SSOVR	Top	-20	None
31	STER	Top	-1	STER
32	SSOVR	Top	-20	None
32	STER	Top	-1	STER
33	SSOVR	Top	-20	None

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Area	LoadPat	Face	Pressura KN/m2	JtPattern
33	STER	Top	-1	STER
34	SSOVR	Top	-20	None
34	STER	Top	-1	STER
35	SSOVR	Top	-20	None
35	STER	Top	-1	STER
36	SSOVR	Top	-20	None
36	STER	Top	-1	STER
37	SSOVR	Top	-20	None
37	STER	Top	-1	STER
38	SSOVR	Top	-20	None
38	STER	Top	-1	STER
39	SSOVR	Top	-20	None
39	STER	Top	-1	STER
40	SSOVR	Top	-20	None
40	STER	Top	-1	STER
41	SSOVR	Top	-20	None
41	STER	Top	-1	STER
42	SSOVR	Top	-20	None
42	STER	Top	-1	STER
43	SSOVR	Top	-20	None
43	STER	Top	-1	STER
44	SSOVR	Top	-20	None
44	STER	Top	-1	STER
45	SSOVR	Top	-20	None
45	STER	Top	-1	STER
46	SSOVR	Top	-20	None
46	STER	Top	-1	STER
47	SSOVR	Top	-20	None
47	STER	Top	-1	STER
48	SSOVR	Top	-20	None
48	STER	Top	-1	STER
49	SSOVR	Top	-20	None
49	STER	Top	-1	STER
50	SSOVR	Top	-20	None
50	STER	Top	-1	STER
51	SSOVR	Top	-20	None
51	STER	Top	-1	STER
52	SSOVR	Top	-20	None
52	STER	Top	-1	STER
53	SSOVR	Top	-20	None
53	STER	Top	-1	STER
54	SSOVR	Top	-20	None
54	STER	Top	-1	STER
55	SSOVR	Top	-20	None
55	STER	Top	-1	STER
56	SSOVR	Top	-20	None
56	STER	Top	-1	STER
57	SSOVR	Top	-20	None
57	STER	Top	-1	STER
58	SSOVR	Top	-20	None
58	STER	Top	-1	STER
59	SSOVR	Top	-20	None
59	STER	Top	-1	STER
60	SSOVR	Top	-20	None
60	STER	Top	-1	STER
61	SSOVR	Top	-20	None
61	STER	Top	-1	STER
62	SSOVR	Top	-20	None
62	STER	Top	-1	STER
63	SSOVR	Top	-20	None
63	STER	Top	-1	STER
64	SSOVR	Top	-20	None
64	STER	Top	-1	STER
65	SSOVR	Top	-20	None
65	STER	Top	-1	STER
66	SSOVR	Top	-20	None
66	STER	Top	-1	STER
67	SSOVR	Top	-20	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
67	STER	Top	-1	STER
68	SSOVR	Top	-20	None
68	STER	Top	-1	STER
69	SSOVR	Top	-20	None
69	STER	Top	-1	STER
70	SSOVR	Top	-20	None
70	STER	Top	-1	STER
71	SSOVR	Top	-20	None
71	STER	Top	-1	STER
72	SSOVR	Top	-20	None
72	STER	Top	-1	STER
73	SSOVR	Top	-20	None
73	STER	Top	-1	STER
74	SSOVR	Top	-20	None
74	STER	Top	-1	STER
75	SSOVR	Top	-20	None
75	STER	Top	-1	STER
76	SSOVR	Top	-20	None
76	STER	Top	-1	STER
77	SSOVR	Top	-20	None
77	STER	Top	-1	STER
78	SSOVR	Top	-20	None
78	STER	Top	-1	STER
79	SSOVR	Top	-20	None
79	STER	Top	-1	STER
80	SSOVR	Top	-20	None
80	STER	Top	-1	STER
81	SSOVR	Top	-20	None
81	STER	Top	-1	STER
82	SSOVR	Top	-20	None
82	STER	Top	-1	STER
83	SSOVR	Top	-20	None
83	STER	Top	-1	STER
84	SSOVR	Top	-20	None
84	STER	Top	-1	STER
85	SSOVR	Top	-20	None
85	STER	Top	-1	STER
86	SSOVR	Top	-20	None
86	STER	Top	-1	STER
87	SSOVR	Top	-20	None
87	STER	Top	-1	STER
88	SSOVR	Top	-20	None
88	STER	Top	-1	STER
89	SSOVR	Top	-20	None
89	STER	Top	-1	STER
90	SSOVR	Top	-20	None
90	STER	Top	-1	STER
91	SSOVR	Top	-20	None
91	STER	Top	-1	STER
92	SSOVR	Top	-20	None
92	STER	Top	-1	STER
93	SSOVR	Top	-20	None
93	STER	Top	-1	STER
94	SSOVR	Top	-20	None
94	STER	Top	-1	STER
95	SSOVR	Top	-20	None
95	STER	Top	-1	STER
96	SSOVR	Top	-20	None
96	STER	Top	-1	STER
97	SSOVR	Top	-20	None
97	STER	Top	-1	STER
98	SSOVR	Top	-20	None
98	STER	Top	-1	STER
99	SSOVR	Top	-20	None
99	STER	Top	-1	STER
100	SSOVR	Top	-20	None
100	STER	Top	-1	STER
101	SSOVR	Top	-20	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
101	STER	Top	-1	STER
102	SSOVR	Top	-20	None
102	STER	Top	-1	STER
103	SSOVR	Top	-20	None
103	STER	Top	-1	STER
104	SSOVR	Top	-20	None
104	STER	Top	-1	STER
105	SSOVR	Top	-20	None
105	STER	Top	-1	STER
106	SSOVR	Top	-20	None
106	STER	Top	-1	STER
107	SSOVR	Top	-20	None
107	STER	Top	-1	STER
108	SSOVR	Top	-20	None
108	STER	Top	-1	STER
109	SSOVR	Top	-20	None
109	STER	Top	-1	STER
110	SSOVR	Top	-20	None
110	STER	Top	-1	STER
111	SSOVR	Top	-20	None
111	STER	Top	-1	STER
112	SSOVR	Top	-20	None
112	STER	Top	-1	STER
113	SSOVR	Top	-20	None
113	STER	Top	-1	STER
114	SSOVR	Top	-20	None
114	STER	Top	-1	STER
115	SSOVR	Top	-20	None
115	STER	Top	-1	STER
116	SSOVR	Top	-20	None
116	STER	Top	-1	STER
117	SSOVR	Top	-20	None
117	STER	Top	-1	STER
118	SSOVR	Top	-20	None
118	STER	Top	-1	STER
119	SSOVR	Top	-20	None
119	STER	Top	-1	STER
120	SSOVR	Top	-20	None
120	STER	Top	-1	STER
121	SSOVR	Top	-20	None
121	STER	Top	-1	STER
122	SSOVR	Top	-20	None
122	STER	Top	-1	STER
123	SSOVR	Top	-20	None
123	STER	Top	-1	STER
124	SSOVR	Top	-20	None
124	STER	Top	-1	STER
125	SSOVR	Top	-20	None
125	STER	Top	-1	STER
126	SSOVR	Top	-20	None
126	STER	Top	-1	STER
127	SSOVR	Top	-20	None
127	STER	Top	-1	STER
128	SSOVR	Top	-20	None
128	STER	Top	-1	STER
129	SSOVR	Top	-20	None
129	STER	Top	-1	STER
130	SSOVR	Top	-20	None
130	STER	Top	-1	STER
131	SSOVR	Top	-20	None
131	STER	Top	-1	STER
132	SSOVR	Top	-20	None
132	STER	Top	-1	STER
133	SSOVR	Top	-20	None
133	STER	Top	-1	STER
134	SSOVR	Top	-20	None
134	STER	Top	-1	STER
135	SSOVR	Top	-20	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
135	STER	Top	-1	STER
136	SSOVR	Top	-20	None
136	STER	Top	-1	STER
137	SSOVR	Top	-20	None
137	STER	Top	-1	STER
138	SSOVR	Top	-20	None
138	STER	Top	-1	STER
139	SSOVR	Top	-20	None
139	STER	Top	-1	STER
140	SSOVR	Top	-20	None
140	STER	Top	-1	STER
141	SSOVR	Top	-20	None
141	STER	Top	-1	STER
142	SSOVR	Top	-20	None
142	STER	Top	-1	STER
143	SSOVR	Top	-20	None
143	STER	Top	-1	STER
144	SSOVR	Top	-20	None
144	STER	Top	-1	STER
145	SSOVR	Top	-20	None
145	STER	Top	-1	STER
146	SSOVR	Top	-20	None
146	STER	Top	-1	STER
147	SSOVR	Top	-20	None
147	STER	Top	-1	STER
148	SSOVR	Top	-20	None
148	STER	Top	-1	STER
149	SSOVR	Top	-20	None
149	STER	Top	-1	STER
150	SSOVR	Top	-20	None
150	STER	Top	-1	STER

Table: Area Section Assignments

Table: Area Section Assignments

Area	Section	MatProp
1	rostro	Default
2	rostro	Default
3	rostro	Default
4	rostro	Default
5	rostro	Default
6	rostro	Default
7	rostro	Default
8	rostro	Default
9	rostro	Default
10	rostro	Default
11	rostro	Default
12	rostro	Default
13	rostro	Default
14	rostro	Default
15	rostro	Default
16	rostro	Default
17	rostro	Default
18	rostro	Default
19	rostro	Default
20	rostro	Default
21	rostro	Default
22	rostro	Default
23	rostro	Default
24	rostro	Default
25	rostro	Default
26	rostro	Default
27	rostro	Default
28	rostro	Default
29	rostro	Default
30	rostro	Default
31	rostro	Default

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Table: Area Section Assignments

Area	Section	MatProp
32	rostro	Default
33	rostro	Default
34	rostro	Default
35	rostro	Default
36	rostro	Default
37	rostro	Default
38	rostro	Default
39	rostro	Default
40	rostro	Default
41	rostro	Default
42	rostro	Default
43	rostro	Default
44	rostro	Default
45	rostro	Default
46	rostro	Default
47	rostro	Default
48	rostro	Default
49	rostro	Default
50	rostro	Default
51	rostro	Default
52	rostro	Default
53	rostro	Default
54	rostro	Default
55	rostro	Default
56	rostro	Default
57	rostro	Default
58	rostro	Default
59	rostro	Default
60	rostro	Default
61	rostro	Default
62	rostro	Default
63	rostro	Default
64	rostro	Default
65	rostro	Default
66	rostro	Default
67	rostro	Default
68	rostro	Default
69	rostro	Default
70	rostro	Default
71	rostro	Default
72	rostro	Default
73	rostro	Default
74	rostro	Default
75	rostro	Default
76	rostro	Default
77	rostro	Default
78	rostro	Default
79	rostro	Default
80	rostro	Default
81	rostro	Default
82	rostro	Default
83	rostro	Default
84	rostro	Default
85	rostro	Default
86	rostro	Default
87	rostro	Default
88	rostro	Default
89	rostro	Default
90	rostro	Default
91	rostro	Default
92	rostro	Default
93	rostro	Default
94	rostro	Default
95	rostro	Default
96	rostro	Default
97	rostro	Default
98	rostro	Default
99	rostro	Default

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Table: Area Section Assignments

Area	Section	MatProp
100	rostro	Default
101	rostro	Default
102	rostro	Default
103	rostro	Default
104	rostro	Default
105	rostro	Default
106	rostro	Default
107	rostro	Default
108	rostro	Default
109	rostro	Default
110	rostro	Default
111	rostro	Default
112	rostro	Default
113	rostro	Default
114	rostro	Default
115	rostro	Default
116	rostro	Default
117	rostro	Default
118	rostro	Default
119	rostro	Default
120	rostro	Default
121	rostro	Default
122	rostro	Default
123	rostro	Default
124	rostro	Default
125	rostro	Default
126	rostro	Default
127	rostro	Default
128	rostro	Default
129	rostro	Default
130	rostro	Default
131	rostro	Default
132	rostro	Default
133	rostro	Default
134	rostro	Default
135	rostro	Default
136	rostro	Default
137	rostro	Default
138	rostro	Default
139	rostro	Default
140	rostro	Default
141	rostro	Default
142	rostro	Default
143	rostro	Default
144	rostro	Default
145	rostro	Default
146	rostro	Default
147	rostro	Default
148	rostro	Default
149	rostro	Default
150	rostro	Default

Table: Area Section Properties, Part 1 of 4

Table: Area Section Properties, Part 1 of 4

Section	Material	MatAngle Degrees	AreaType	Type	DrillDOF	Thickness m	BendThick m	Arc Degrees
rostro	C32/40	0	Shell	Shell-Thin	Yes	0,9	0,9	

Table: Area Section Properties, Part 2 of 4

Table: Area Section Properties, Part 2 of 4

Section	InComp	CoordSys	Color	TotalWt KN	TotalMass KN-s2/m	F11Mod	F22Mod
rostro			Magenta	1432,485	146,07	1	1

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Table: Area Section Properties, Part 3 of 4

Table: Area Section Properties, Part 3 of 4

Section	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod	MMod	WMod
rostro	1	1	1	1	1	1	1	1

Table: Area Section Properties, Part 4 of 4

Table: Area Section Properties, Part 4 of 4

Section	GUID	Notes
rostro		Added 03/07/2018 09:42:07

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
PP	Load pattern	PP	1
STER	Load pattern	STER	1
SSOVR	Load pattern	SSOVR	1

Table: Connectivity - Area, Part 1 of 2

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
1	4	1	2	3	4	2,325	0,320625
2	4	2	5	6	3	2,325	0,320625
3	4	5	7	8	6	2,325	0,320625
4	4	7	9	10	8	2,325	0,320625
5	4	9	11	12	10	2,1	0,27
6	4	11	13	14	12	2,1	0,27
7	4	13	15	16	14	2,3	0,315
8	4	15	17	18	16	2,3	0,315
9	4	17	19	20	18	2,3	0,315
10	4	19	21	22	20	2,3	0,315
11	4	21	23	24	22	2,1	0,27
12	4	23	25	26	24	2,1	0,27
13	4	25	27	28	26	2,44286	0,347143
14	4	27	29	30	28	2,44286	0,347143
15	4	29	31	32	30	2,61428	0,385713
16	4	33	34	2	1	2,325	0,320625
17	4	34	35	5	2	2,325	0,320625
18	4	35	36	7	5	2,325	0,320625
19	4	36	37	9	7	2,325	0,320625
20	4	37	38	11	9	2,1	0,27
21	4	38	39	13	11	2,1	0,27
22	4	39	40	15	13	2,3	0,315
23	4	40	41	17	15	2,3	0,315
24	4	41	42	19	17	2,3	0,315
25	4	42	43	21	19	2,3	0,315
26	4	43	44	23	21	2,1	0,27
27	4	44	45	25	23	2,1	0,27
28	4	45	46	27	25	2,44286	0,347144
29	4	46	47	29	27	2,44286	0,347144
30	4	47	48	31	29	2,61428	0,385713
31	3	49	34	33		2,432627	0,253828
32	4	49	50	35	34	2,85	0,507656
33	4	50	51	36	35	2,85	0,507656
34	4	51	52	37	36	2,85	0,507656
35	4	52	53	38	37	2,625	0,4275
36	4	53	54	39	38	2,625	0,4275
37	4	54	55	40	39	2,825	0,49875
38	4	55	56	41	40	2,825	0,49875
39	4	56	57	42	41	2,825	0,49875
40	4	57	58	43	42	2,825	0,49875
41	4	58	59	44	43	2,625	0,4275
42	4	59	60	45	44	2,625	0,4275
43	4	60	61	46	45	2,96786	0,549644
44	4	61	62	47	46	2,96786	0,549644



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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
45	4	62	63	48	47	3,13928	0,610712
46	3	64	50	49		2,432627	0,253828
47	4	64	65	51	50	2,85	0,507656
48	4	65	66	52	51	2,85	0,507656
49	4	66	67	53	52	2,625	0,4275
50	4	67	68	54	53	2,625	0,4275
51	4	68	69	55	54	2,825	0,49875
52	4	69	70	56	55	2,825	0,49875
53	4	70	71	57	56	2,825	0,49875
54	4	71	72	58	57	2,825	0,49875
55	4	72	73	59	58	2,625	0,4275
56	4	73	74	60	59	2,625	0,4275
57	4	74	75	61	60	2,96786	0,549644
58	4	75	76	62	61	2,96786	0,549644
59	4	76	77	63	62	3,13928	0,610712
60	3	78	65	64		2,432627	0,253828
61	4	78	79	66	65	2,85	0,507656
62	4	79	80	67	66	2,625	0,4275
63	4	80	81	68	67	2,625	0,4275
64	4	81	82	69	68	2,825	0,49875
65	4	82	83	70	69	2,825	0,49875
66	4	83	84	71	70	2,825	0,49875
67	4	84	85	72	71	2,825	0,49875
68	4	85	86	73	72	2,625	0,4275
69	4	86	87	74	73	2,625	0,4275
70	4	87	88	75	74	2,96786	0,549644
71	4	88	89	76	75	2,96786	0,549644
72	4	89	90	77	76	3,13928	0,610712
73	3	91	79	78		2,432627	0,253828
74	4	91	92	80	79	2,625	0,4275
75	4	92	93	81	80	2,625	0,4275
76	4	93	94	82	81	2,825	0,49875
77	4	94	95	83	82	2,825	0,49875
78	4	95	96	84	83	2,825	0,49875
79	4	96	97	85	84	2,825	0,49875
80	4	97	98	86	85	2,625	0,4275
81	4	98	99	87	86	2,625	0,4275
82	4	99	100	88	87	2,96786	0,549644
83	4	100	101	89	88	2,96786	0,549644
84	4	101	102	90	89	3,13928	0,610712
85	3	103	92	91		2,048528	0,18
86	4	103	104	93	92	2,4	0,36
87	4	104	105	94	93	2,6	0,42
88	4	105	106	95	94	2,6	0,42
89	4	106	107	96	95	2,6	0,42
90	4	107	108	97	96	2,6	0,42
91	4	108	109	98	97	2,4	0,36
92	4	109	110	99	98	2,4	0,36
93	4	110	111	100	99	2,74286	0,462858
94	4	111	112	101	100	2,74286	0,462858
95	4	112	113	102	101	2,91428	0,514284
96	3	114	104	103		2,048528	0,18
97	4	114	115	105	104	2,6	0,42
98	4	115	116	106	105	2,6	0,42
99	4	116	117	107	106	2,6	0,42
100	4	117	118	108	107	2,6	0,42
101	4	118	119	109	108	2,4	0,36
102	4	119	120	110	109	2,4	0,36
103	4	120	121	111	110	2,74286	0,462858
104	4	121	122	112	111	2,74286	0,462858
105	4	122	123	113	112	2,91428	0,514284
106	3	124	115	114		2,389949	0,245
107	4	124	125	116	115	2,8	0,49
108	4	125	126	117	116	2,8	0,49
109	4	126	127	118	117	2,8	0,49
110	4	127	128	119	118	2,6	0,42
111	4	128	129	120	119	2,6	0,42
112	4	129	130	121	120	2,94286	0,540001

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
113	4	130	131	122	121	2,94286	0,540001
114	4	131	132	123	122	3,11428	0,599998
115	3	133	125	124		2,389949	0,245
116	4	133	134	126	125	2,8	0,49
117	4	134	135	127	126	2,8	0,49
118	4	135	136	128	127	2,6	0,42
119	4	136	137	129	128	2,6	0,42
120	4	137	138	130	129	2,94286	0,540001
121	4	138	139	131	130	2,94286	0,540001
122	4	139	140	132	131	3,11428	0,599998
123	3	141	134	133		2,389949	0,245
124	4	141	142	135	134	2,8	0,49
125	4	142	143	136	135	2,6	0,42
126	4	143	144	137	136	2,6	0,42
127	4	144	145	138	137	2,94286	0,540001
128	4	145	146	139	138	2,94286	0,540001
129	4	146	147	140	139	3,11428	0,599998
130	3	148	142	141		2,389949	0,245
131	4	148	149	143	142	2,6	0,42
132	4	149	150	144	143	2,6	0,42
133	4	150	151	145	144	2,94286	0,540001
134	4	151	152	146	145	2,94286	0,540001
135	4	152	153	147	146	3,11428	0,599998
136	3	154	149	148		2,048528	0,18
137	4	154	155	150	149	2,4	0,36
138	4	155	156	151	150	2,74286	0,462858
139	4	156	157	152	151	2,74286	0,462858
140	4	157	158	153	152	2,91428	0,514284
141	3	159	155	154		2,048528	0,18
142	4	159	160	156	155	2,74286	0,462858
143	4	160	161	157	156	2,74286	0,462858
144	4	161	162	158	157	2,91428	0,514284
145	3	163	160	159		2,633827	0,297552
146	4	163	164	161	160	3,08572	0,595104
147	4	164	165	162	161	3,25714	0,661224
148	3	166	164	163		2,633827	0,297552
149	4	166	167	165	164	3,25714	0,661224
150	3	168	167	166		1,82809	0,045917

Table: Connectivity - Area, Part 2 of 2

Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
1	0,288562	10,09375		0	10,375 0ec6d71b-4a14-4cdb-9a9a-66e560d06805
2	0,288563	9,38125		0	10,375 07a9b333-cd4a-44b5-a100-cf8f0798725a
3	0,288563	8,66875		0	10,375 7f6f00b9-da75-4839-b10c-bac39bf8d221
4	0,288563	7,95625		0	10,375 9538b7f4-8fc2-49b2-b12c-b4ed0ed2bc24
5	0,243	7,3		0	10,375 1f8cd21d-7ef4-416d-8730-c449bf61caa0
6	0,243	6,7		0	10,375 cc635d4d-986a-4549-bde0-c539f1dfe9d1
7	0,2835	6,05		0	10,375 c27d69ab-dd3e-4f2e-b033-bf783fc1709a
8	0,2835	5,35		0	10,375 fd2c31e3-8b45-4b5f-821e-77c5b0dc548d
9	0,2835	4,65		0	10,375 9abf9916-d310-4d1f-b568-9fe1951ce5aa
10	0,2835	3,95		0	10,375 565ce547-b1c7-4fd5-8f9e-855b772f0de7
11	0,243	3,3		0	10,375 c8ad27c1-73d7-463b-af81-49ddb12132bc
12	0,243	2,7		0	10,375 9e006942-7bf5-4fec-aab4-96e4eaa43a13
13	0,312429	2,01429		0	10,375 24393dbc-71ba-4c52-899b-b11473d26597

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
14	0,312429	1,24286	0	10,375	f5090be2-c302-41bf-8ee8-8af9f67982f5
15	0,347142	0,42857	0	10,375	6a6dae4c-8007-4808-9637-0db08ef54eec
16	0,288563	10,09375	0	9,925	acf505c0-3f48-415e-ade2-6a55b57ab1c3
17	0,288563	9,38125	0	9,925	b5db419d-a0cd-41b3-bdf1-1dae5c4e1301
18	0,288563	8,66875	0	9,925	a0b8a91d-da9f-42f4-bd38-da2127286327
19	0,288563	7,95625	0	9,925	94191027-6c82-48d5-ac35-1cb21899328f
20	0,243	7,3	0	9,925	e9bc1718-1f26-4f4e-95d6-97230e291de3
21	0,243	6,7	0	9,925	f15a0f01-72c9-465b-b1f7-844d368513de
22	0,2835	6,05	0	9,925	c3ebee06-6f57-4f93-ae45-5ae172d5d21d
23	0,2835	5,35	0	9,925	5d1041b5-d0e9-4018-a1eb-3f9f6baaa845
24	0,2835	4,65	0	9,925	99f19405-f3d3-4380-83c3-3c7cf89d32e0
25	0,2835	3,95	0	9,925	2efb818a-4cc4-4cd4-81c9-017741180ddb
26	0,243	3,3	0	9,925	09c16638-0ce8-47a5-b633-4089f0803957
27	0,243	2,7	0	9,925	0e46e0da-87db-4a08-8773-e38512ee8672
28	0,312429	2,01429	0	9,925	c22856b5-4316-4144-8538-efa79068a5dd
29	0,312429	1,24286	0	9,925	17622ca9-90a0-4aea-a069-6abce76cac4b
30	0,347142	0,42857	0	9,925	50297e02-8839-4ea8-a96b-cdb1693456f9
31	0,228445	9,975	0	9,4625	4f2deb63-fc57-4fa8-be10-89f5ed7fae2c
32	0,456891	9,38125	0	9,34375	bf213828-59ab-47e7-af8c-4eaa15759d5f
33	0,456891	8,66875	0	9,34375	0cf30080-5d6d-4a94-ad24-630acad37247
34	0,456891	7,95625	0	9,34375	06c948fe-febc-43e2-aef8-c55001414e82
35	0,38475	7,3	0	9,34375	d921c0a1-d386-4177-a2ed-dcd5210ce900
36	0,38475	6,7	0	9,34375	b866fdb6-0d20-49a6-ad8f-e74764a0274a
37	0,448875	6,05	0	9,34375	44a2f5e1-17cc-4f06-bfc1-c557a3d67e0f
38	0,448875	5,35	0	9,34375	ff9a6890-a485-4625-bc59-3d7e4741c17e
39	0,448875	4,65	0	9,34375	e905036b-bd68-47a6-8966-434e1c6fa18f
40	0,448875	3,95	0	9,34375	3a4c36ef-70f6-4446-8774-7909821deaa5
41	0,38475	3,3	0	9,34375	f923c569-0692-4b6f-a6a4-a634588621d7
42	0,38475	2,7	0	9,34375	31610a50-98c3-4411-9672-e4aad0c78191
43	0,494679	2,01429	0	9,34375	4999d4c0-fdb2-46bf-b628-da8046d0467f
44	0,494679	1,24286	0	9,34375	9b9b0614-271d-41d0-a9c0-b3896b2746e0
45	0,549641	0,42857	0	9,34375	3e1d83ea-fd44-4800-b3b8-8deb83129916
46	0,228445	9,2625	0	8,75	356119df-90b2-4be9-8617-602fef7de867
47	0,456891	8,66875	0	8,63125	959f6bf8-f2fa-4555-b758-1115ff21037c
48	0,456891	7,95625	0	8,63125	ea901f8f-023f-4fd1-a365-f41acef049c8
49	0,38475	7,3	0	8,63125	863d7c58-e5fa-4648-8b7b-cc5b60e054e2
50	0,38475	6,7	0	8,63125	878fddfe-981b-4b59-9be9-0b02951b4372
51	0,448875	6,05	0	8,63125	e8c353be-e945-4d67-b76c-4a8dff0f4239

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
52	0,448875	5,35	0	8,63125	a7760cdb-f16f-4fae-a839-1ac7ce3100de
53	0,448875	4,65	0	8,63125	9395bdc3-cfa1-4746-b4f9-15e818b11e9a
54	0,448875	3,95	0	8,63125	7150ee53-21ec-41ef-b301-373a3546ba46
55	0,38475	3,3	0	8,63125	86d475e9-6a1e-4bfb-8163-ffe62b350fd3
56	0,38475	2,7	0	8,63125	c822809c-82c3-4687-bbd9-6aa60007f4bc
57	0,494679	2,01429	0	8,63125	6bb012ad-4f29-4cf2-af47-7ad854919c4f
58	0,494679	1,24286	0	8,63125	cc7fd982-8085-48a7-8208-4abdb763f70d
59	0,549641	0,42857	0	8,63125	3352e4cf-1b8d-48b6-be75-3ff81f28edb8
60	0,228445	8,55	0	8,0375	f195fa4e-0858-4d99-828f-30df711837e3
61	0,456891	7,95625	0	7,91875	d25fd67b-624b-45bd-8581-d286fbc552b2
62	0,38475	7,3	0	7,91875	52eb8188-258c-43e2-bdce-df6a9d28f137
63	0,38475	6,7	0	7,91875	4c735274-0e60-40db-b86a-e5021f8fa63f
64	0,448875	6,05	0	7,91875	1ac9da76-2ea4-4d40-86bb-90f7cc99ea09
65	0,448875	5,35	0	7,91875	ba81e77f-e67f-4e8f-97ca-2c0215eeb885
66	0,448875	4,65	0	7,91875	edacffb6-57af-43ca-9b88-b3948cbac2eb
67	0,448875	3,95	0	7,91875	d8e36ab7-4f1e-4c2f-8a59-a502247f153f
68	0,38475	3,3	0	7,91875	e7bc9773-aedf-40c4-96c7-638888685261
69	0,38475	2,7	0	7,91875	ca6add65-2c59-4cb7-9c78-29443c46b47f
70	0,494679	2,01429	0	7,91875	85a93675-f260-4c63-9037-38b5c76a1d41
71	0,494679	1,24286	0	7,91875	e6881722-d024-4d2e-9012-6af59b2758dd
72	0,549641	0,42857	0	7,91875	452d4b22-21ec-4311-a608-65d1c04a8dd7
73	0,228445	7,8375	0	7,325	f80a16e6-b3cf-449c-afae-434dedfa830c
74	0,38475	7,3	0	7,20625	26619b12-c8d9-41da-b129-7e226a2f7a30
75	0,38475	6,7	0	7,20625	f43737b4-0d2e-49df-99ed-39009a9ac7a4
76	0,448875	6,05	0	7,20625	f87db583-515f-4e97-8527-0ed0004b63e9
77	0,448875	5,35	0	7,20625	0d0fa29b-f0ef-43ff-8b14-85d986b618b3
78	0,448875	4,65	0	7,20625	2993d593-80c2-4c75-8fef-141a4203a789
79	0,448875	3,95	0	7,20625	00024476-5b67-459d-8f73-c0bd41ad1f3a
80	0,38475	3,3	0	7,20625	55376a82-bdc1-4177-9cec-c9d2d89c9efd
81	0,38475	2,7	0	7,20625	08a8e617-61b3-438b-916e-52cfffcafa6e4
82	0,494679	2,01429	0	7,20625	df91c156-b4fc-4eff-8e71-4dea48675166
83	0,494679	1,24286	0	7,20625	ecb6f788-6573-4f09-b0f7-232beac5a481
84	0,549641	0,42857	0	7,20625	23907a67-086b-409e-afa7-5965de419b3e
85	0,162	7,2	0	6,65	95562f1e-f77b-4bd3-a830-5af1c405e4cd
86	0,324	6,7	0	6,55	e1ad3882-4023-4623-8ed8-8c2e6686cb84
87	0,378	6,05	0	6,55	fbcbecda-78cf-42dd-8cf4-8c8b426ee05f
88	0,378	5,35	0	6,55	a5ad5d11-1d65-43d3-91a3-4cccc653bcf2
89	0,378	4,65	0	6,55	0d6eb96a-4c50-40aa-8ca2-4d5492788d8b

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
90	0,378	3,95	0	6,55	983684cd-2887-45a7-81c2-97e4f0266938
91	0,324	3,3	0	6,55	30845507-02be-48c8-82e2-eeb6182cd8a3
92	0,324	2,7	0	6,55	67897039-3b84-4f65-8dba-df9b5f60eddd
93	0,416572	2,01429	0	6,55	6249c2c1-61bb-4dad-a23f-1559b5f11061
94	0,416572	1,24286	0	6,55	69ccab17-87b6-422f-a902-38f2e723544b
95	0,462856	0,42857	0	6,55	c63d57e7-5069-420b-bafb-e5694d00e50f
96	0,162	6,6	0	6,05	586c625d-5471-4f02-b04a-e30235d6f50a
97	0,378	6,05	0	5,95	73eb7db9-a331-4b5a-9a5f-a1c9124ef726
98	0,378	5,35	0	5,95	b79827dc-9ce3-4a29-a637-b99715db5188
99	0,378	4,65	0	5,95	9cb4129a-63e0-4f4a-bb2d-4c4a4343430c
100	0,378	3,95	0	5,95	83ac8bd9-0cce-4181-a750-c60919c887fc
101	0,324	3,3	0	5,95	d9346517-8b52-40d7-a619-4180250d185f
102	0,324	2,7	0	5,95	37039081-c95e-4831-ae9b-2ece805f936a
103	0,416572	2,01429	0	5,95	ef46b28e-3837-4dcf-82c9-ab0dbc185559
104	0,416572	1,24286	0	5,95	4616a786-bd15-47fd-bdf2-1324d3cd07bf
105	0,462856	0,42857	0	5,95	2be811d6-7864-4225-87c1-54a80b4d10ed
106	0,2205	5,93333	0	5,41667	7e5131f0-92c8-4012-863b-8c3f8bfa5146
107	0,441	5,35	0	5,3	8d72e70e-eece-84de-2b8e-4e1a537e38fa
108	0,441	4,65	0	5,3	47061503-31ab-4f73-8466-95cd13fc06a9
109	0,441	3,95	0	5,3	ccbddc00-e08b-4bb6-9bfe-7bbb0c3ea5e
110	0,378	3,3	0	5,3	97c5b946-d63a-4cb7-903b-0a4b91d3cfe4
111	0,378	2,7	0	5,3	609c50eb-b89a-4fdf-aef2-b47a96d1bd23
112	0,486001	2,01429	0	5,3	e8047cf9-6bd8-407b-b943-7899a321c833
113	0,486001	1,24286	0	5,3	7c1563fd-07b7-405d-a908-5e98e1177ae9
114	0,539998	0,42857	0	5,3	172467ff-098c-473f-b879-0ab6b4bb18b0
115	0,2205	5,23333	0	4,71667	cf6779b8-b57e-4a35-911d-1e664c857092
116	0,441	4,65	0	4,6	1020938f-5322-421d-bd90-40bb06a3a73a
117	0,441	3,95	0	4,6	c48ebef6-899b-40f4-9a43-1008d67bd5d8
118	0,378	3,3	0	4,6	249afbf6-2544-451b-9ff0-395c44b00184
119	0,378	2,7	0	4,6	2a658ab4-082e-40b1-bef2-1aa5e56f0f82
120	0,486001	2,01429	0	4,6	a94c0c75-fd03-474b-9102-351cde4e1a79
121	0,486001	1,24286	0	4,6	2b53c8bd-e5c3-474d-a812-38337782f977
122	0,539998	0,42857	0	4,6	3acbc10a-44e3-42bf-baa4-c4df25fb5394
123	0,2205	4,53333	0	4,01667	d6278179-420b-4c79-a9cb-18ba7ef91202
124	0,441	3,95	0	3,9	ad43cd6d-d538-48a3-b134-1bc6b896a78a
125	0,378	3,3	0	3,9	152a96bb-d70e-4b2a-a7ca-8b08742e7555
126	0,378	2,7	0	3,9	e4f14d3e-faab-4722-964f-b98476995e71
127	0,486001	2,01429	0	3,9	dc7e55da-dea3-4bd7-b44c-09ca476515e1

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
128	0,486001	1,24286	0	3,9	ea1494e3-5667-46ff-a51f-3605a26fe373
129	0,539998	0,42857	0	3,9	b59f79dc-077d-455e-8ae0-c4b7059c8aef
130	0,2205	3,83333	0	3,31667	59da2424-2dec-4a2d-9b47-8b4d9377fc78
131	0,378	3,3	0	3,2	bd28ef89-f44a-482b-8661-6abfe2c7e05a
132	0,378	2,7	0	3,2	1de7e37f-818e-4fde-91e3-851d6ea022b0
133	0,486001	2,01429	0	3,2	04cc3c1a-e57d-441d-b18d-8ac394646f7c
134	0,486001	1,24286	0	3,2	d2f81f8f-edad-4192-95b7-4a2f887adb9e
135	0,539998	0,42857	0	3,2	0299c580-4c6e-43ab-82f7-d8775826def8
136	0,162	3,2	0	2,65	b841e2bb-dc5b-421c-8662-91718f9a5de6
137	0,324	2,7	0	2,55	02838de6-589d-4780-b928-9caa63fa499f
138	0,416572	2,01429	0	2,55	cc264f1d-5e8c-4b9a-bf32-1a38bf66e4c4
139	0,416572	1,24286	0	2,55	e3a69630-f8c0-4686-99fe-f68ef5562a21
140	0,462856	0,42857	0	2,55	e2ce7132-a3e9-4fa2-8092-3c8673c29cd2
141	0,162	2,6	0	2,05	244032e3-0a09-4ca5-971d-30768d4c7b0b
142	0,416572	2,01429	0	1,95	a3413d19-0a43-4d7f-bbb8-5d21cd1c1c54
143	0,416572	1,24286	0	1,95	345d30e3-a5cb-4da1-9905-0f9b5356ba0d
144	0,462856	0,42857	0	1,95	8f299fa7-5a4d-48ac-a16b-4dba3c564e20
145	0,267797	1,88571	0	1,39286	49cf095f-563c-444d-95ee-5a3dc7c58a90
146	0,535594	1,24286	0	1,26429	98da0011-d31d-404b-a661-83596b0f6d94
147	0,595101	0,42857	0	1,26429	044c59d6-b7aa-41c5-bfb4-82daba9c7055
148	0,267797	1,11428	0	0,62143	dab55496-4cc0-4f8d-a7aa-51b482dd02c9
149	0,595101	0,42857	0	0,49286	2eac1d19-bf2c-4977-983e-9522a17f64a7
150	0,041325	0,28571	0	0,07143	401dbdc1-6eb8-4efa-9e1b-cb515fed11e9

Table: Element Forces - Area Shells, Part 1 of 4

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
1	1	Shell-Thin	1	PP	LinStatic	6,65	-1,76	3,22
1	1	Shell-Thin	2	PP	LinStatic	5,93	-5,34	3,42
1	1	Shell-Thin	3	PP	LinStatic	3,3	-5,86	2,6
1	1	Shell-Thin	4	PP	LinStatic	4,02	-2,29	2,4
1	1	Shell-Thin	1	STER	LinStatic	0	0	0
1	1	Shell-Thin	2	STER	LinStatic	0	0	0
1	1	Shell-Thin	3	STER	LinStatic	0	0	0
1	1	Shell-Thin	4	STER	LinStatic	0	0	0
1	1	Shell-Thin	1	SSOVR	LinStatic	0	0	0
1	1	Shell-Thin	2	SSOVR	LinStatic	0	0	0
1	1	Shell-Thin	3	SSOVR	LinStatic	0	0	0
1	1	Shell-Thin	4	SSOVR	LinStatic	0	0	0
2	2	Shell-Thin	2	PP	LinStatic	15,25	-3,47	6,38
2	2	Shell-Thin	5	PP	LinStatic	14,58	-6,83	7,04
2	2	Shell-Thin	6	PP	LinStatic	17,96	-6,16	3,98
2	2	Shell-Thin	3	PP	LinStatic	18,63	-2,8	3,32
2	2	Shell-Thin	2	STER	LinStatic	0	0	0
2	2	Shell-Thin	5	STER	LinStatic	0	0	0
2	2	Shell-Thin	6	STER	LinStatic	0	0	0
2	2	Shell-Thin	3	STER	LinStatic	0	0	0
2	2	Shell-Thin	2	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
2	2	Shell-Thin	5	SSOVR	LinStatic	0	0	0
2	2	Shell-Thin	6	SSOVR	LinStatic	0	0	0
2	2	Shell-Thin	3	SSOVR	LinStatic	0	0	0
3	3	Shell-Thin	5	PP	LinStatic	29,66	-3,82	6,92
3	3	Shell-Thin	7	PP	LinStatic	28,87	-7,77	6,92
3	3	Shell-Thin	8	PP	LinStatic	36,34	-6,28	4,52
3	3	Shell-Thin	6	PP	LinStatic	37,13	-2,32	4,52
3	3	Shell-Thin	5	STER	LinStatic	0	0	0
3	3	Shell-Thin	7	STER	LinStatic	0	0	0
3	3	Shell-Thin	8	STER	LinStatic	0	0	0
3	3	Shell-Thin	6	STER	LinStatic	0	0	0
3	3	Shell-Thin	5	SSOVR	LinStatic	0	0	0
3	3	Shell-Thin	7	SSOVR	LinStatic	0	0	0
3	3	Shell-Thin	8	SSOVR	LinStatic	0	0	0
3	3	Shell-Thin	6	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	7	PP	LinStatic	44,62	-4,62	7,31
4	4	Shell-Thin	9	PP	LinStatic	43,98	-7,83	7,23
4	4	Shell-Thin	10	PP	LinStatic	55,27	-5,57	3,8
4	4	Shell-Thin	8	PP	LinStatic	55,91	-2,36	3,89
4	4	Shell-Thin	7	STER	LinStatic	0	0	0
4	4	Shell-Thin	9	STER	LinStatic	0	0	0
4	4	Shell-Thin	10	STER	LinStatic	0	0	0
4	4	Shell-Thin	8	STER	LinStatic	0	0	0
4	4	Shell-Thin	7	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	9	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	10	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	8	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	9	PP	LinStatic	59,39	-4,75	6,55
5	5	Shell-Thin	11	PP	LinStatic	58,76	-7,9	6,38
5	5	Shell-Thin	12	PP	LinStatic	71,32	-5,38	4,14
5	5	Shell-Thin	10	PP	LinStatic	71,95	-2,23	4,32
5	5	Shell-Thin	9	STER	LinStatic	0	0	0
5	5	Shell-Thin	11	STER	LinStatic	0	0	0
5	5	Shell-Thin	12	STER	LinStatic	0	0	0
5	5	Shell-Thin	10	STER	LinStatic	0	0	0
5	5	Shell-Thin	9	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	11	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	12	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	10	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	11	PP	LinStatic	72,84	-5,08	6,85
6	6	Shell-Thin	13	PP	LinStatic	72,3	-7,79	6,89
6	6	Shell-Thin	14	PP	LinStatic	85,24	-5,2	3,58
6	6	Shell-Thin	12	PP	LinStatic	85,78	-2,49	3,53
6	6	Shell-Thin	11	STER	LinStatic	0	0	0
6	6	Shell-Thin	13	STER	LinStatic	0	0	0
6	6	Shell-Thin	14	STER	LinStatic	0	0	0
6	6	Shell-Thin	12	STER	LinStatic	0	0	0
6	6	Shell-Thin	11	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	13	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	14	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	12	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	13	PP	LinStatic	87,84	-4,68	6,34
7	7	Shell-Thin	15	PP	LinStatic	87,18	-7,98	6,45
7	7	Shell-Thin	16	PP	LinStatic	99,92	-5,43	4,16
7	7	Shell-Thin	14	PP	LinStatic	100,57	-2,14	4,06
7	7	Shell-Thin	13	STER	LinStatic	0	0	0
7	7	Shell-Thin	15	STER	LinStatic	0	0	0
7	7	Shell-Thin	16	STER	LinStatic	0	0	0
7	7	Shell-Thin	14	STER	LinStatic	0	0	0
7	7	Shell-Thin	13	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	15	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	16	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	14	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	15	PP	LinStatic	104,8	-4,45	7,24
8	8	Shell-Thin	17	PP	LinStatic	104,14	-7,77	7,47
8	8	Shell-Thin	18	PP	LinStatic	116,13	-5,37	3,87
8	8	Shell-Thin	16	PP	LinStatic	116,79	-2,06	3,65
8	8	Shell-Thin	15	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
8	8	Shell-Thin	17	STER	LinStatic	0	0	0
8	8	Shell-Thin	18	STER	LinStatic	0	0	0
8	8	Shell-Thin	16	STER	LinStatic	0	0	0
8	8	Shell-Thin	15	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	17	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	18	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	16	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	17	PP	LinStatic	123,52	-3,89	7,5
9	9	Shell-Thin	19	PP	LinStatic	122,7	-7,98	7,85
9	9	Shell-Thin	20	PP	LinStatic	133,83	-5,75	5,1
9	9	Shell-Thin	18	PP	LinStatic	134,65	-1,66	4,75
9	9	Shell-Thin	17	STER	LinStatic	0	0	0
9	9	Shell-Thin	19	STER	LinStatic	0	0	0
9	9	Shell-Thin	20	STER	LinStatic	0	0	0
9	9	Shell-Thin	18	STER	LinStatic	0	0	0
9	9	Shell-Thin	17	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	19	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	20	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	18	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	19	PP	LinStatic	145,43	-3,43	9,82
10	10	Shell-Thin	21	PP	LinStatic	144,6	-7,58	10,5
10	10	Shell-Thin	22	PP	LinStatic	154,63	-5,57	5,43
10	10	Shell-Thin	20	PP	LinStatic	155,46	-1,43	4,75
10	10	Shell-Thin	19	STER	LinStatic	0	0	0
10	10	Shell-Thin	21	STER	LinStatic	0	0	0
10	10	Shell-Thin	22	STER	LinStatic	0	0	0
10	10	Shell-Thin	20	STER	LinStatic	0	0	0
10	10	Shell-Thin	19	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	21	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	22	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	20	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	21	PP	LinStatic	169,38	-2,62	11,03
11	11	Shell-Thin	23	PP	LinStatic	168,27	-8,18	11,36
11	11	Shell-Thin	24	PP	LinStatic	178,66	-6,1	7,93
11	11	Shell-Thin	22	PP	LinStatic	179,78	-0,54	7,59
11	11	Shell-Thin	21	STER	LinStatic	0	0	0
11	11	Shell-Thin	23	STER	LinStatic	0	0	0
11	11	Shell-Thin	24	STER	LinStatic	0	0	0
11	11	Shell-Thin	22	STER	LinStatic	0	0	0
11	11	Shell-Thin	21	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	23	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	24	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	22	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	23	PP	LinStatic	198,8	-2,08	15,34
12	12	Shell-Thin	25	PP	LinStatic	197,58	-8,16	18
12	12	Shell-Thin	26	PP	LinStatic	205,27	-6,62	8,47
12	12	Shell-Thin	24	PP	LinStatic	206,48	-0,54	5,81
12	12	Shell-Thin	23	STER	LinStatic	0	0	0
12	12	Shell-Thin	25	STER	LinStatic	0	0	0
12	12	Shell-Thin	26	STER	LinStatic	0	0	0
12	12	Shell-Thin	24	STER	LinStatic	0	0	0
12	12	Shell-Thin	23	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	25	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	26	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	24	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	25	PP	LinStatic	236,21	-0,43	17,58
13	13	Shell-Thin	27	PP	LinStatic	234,51	-8,93	18,14
13	13	Shell-Thin	28	PP	LinStatic	253,64	-5,11	16,57
13	13	Shell-Thin	26	PP	LinStatic	255,34	3,39	16,01
13	13	Shell-Thin	25	STER	LinStatic	0	0	0
13	13	Shell-Thin	27	STER	LinStatic	0	0	0
13	13	Shell-Thin	28	STER	LinStatic	0	0	0
13	13	Shell-Thin	26	STER	LinStatic	0	0	0
13	13	Shell-Thin	25	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	27	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	28	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	26	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	27	PP	LinStatic	322,56	8,68	29,45



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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
14	14	Shell-Thin	29	PP	LinStatic	315,88	-24,72	44,64
14	14	Shell-Thin	30	PP	LinStatic	306,86	-26,52	16,42
14	14	Shell-Thin	28	PP	LinStatic	313,54	6,87	1,22
14	14	Shell-Thin	27	STER	LinStatic	0	0	0
14	14	Shell-Thin	29	STER	LinStatic	0	0	0
14	14	Shell-Thin	30	STER	LinStatic	0	0	0
14	14	Shell-Thin	28	STER	LinStatic	0	0	0
14	14	Shell-Thin	27	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	29	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	30	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	28	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	29	PP	LinStatic	356,71	-16,55	93,68
15	15	Shell-Thin	31	PP	LinStatic	375,02	75	71,5
15	15	Shell-Thin	32	PP	LinStatic	582,86	116,57	61,66
15	15	Shell-Thin	30	PP	LinStatic	564,55	25,02	83,84
15	15	Shell-Thin	29	STER	LinStatic	0	0	0
15	15	Shell-Thin	31	STER	LinStatic	0	0	0
15	15	Shell-Thin	32	STER	LinStatic	0	0	0
15	15	Shell-Thin	30	STER	LinStatic	0	0	0
15	15	Shell-Thin	29	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	31	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	32	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	30	SSOVR	LinStatic	0	0	0
16	16	Shell-Thin	33	PP	LinStatic	-4,12	-3,99	8
16	16	Shell-Thin	34	PP	LinStatic	-6,41	-15,47	10,33
16	16	Shell-Thin	2	PP	LinStatic	4,34	-13,32	7,19
16	16	Shell-Thin	1	PP	LinStatic	6,63	-1,84	4,86
16	16	Shell-Thin	33	STER	LinStatic	0	0	0
16	16	Shell-Thin	34	STER	LinStatic	0	0	0
16	16	Shell-Thin	2	STER	LinStatic	0	0	0
16	16	Shell-Thin	1	STER	LinStatic	0	0	0
16	16	Shell-Thin	33	SSOVR	LinStatic	0	0	0
16	16	Shell-Thin	34	SSOVR	LinStatic	0	0	0
16	16	Shell-Thin	2	SSOVR	LinStatic	0	0	0
16	16	Shell-Thin	1	SSOVR	LinStatic	0	0	0
17	17	Shell-Thin	34	PP	LinStatic	9,38	-12,31	15
17	17	Shell-Thin	35	PP	LinStatic	8,64	-16	16,61
17	17	Shell-Thin	5	PP	LinStatic	12,91	-15,15	11,75
17	17	Shell-Thin	2	PP	LinStatic	13,65	-11,45	10,14
17	17	Shell-Thin	34	STER	LinStatic	0	0	0
17	17	Shell-Thin	35	STER	LinStatic	0	0	0
17	17	Shell-Thin	5	STER	LinStatic	0	0	0
17	17	Shell-Thin	2	STER	LinStatic	0	0	0
17	17	Shell-Thin	34	SSOVR	LinStatic	0	0	0
17	17	Shell-Thin	35	SSOVR	LinStatic	0	0	0
17	17	Shell-Thin	5	SSOVR	LinStatic	0	0	0
17	17	Shell-Thin	2	SSOVR	LinStatic	0	0	0
18	18	Shell-Thin	35	PP	LinStatic	17,79	-14,17	18,04
18	18	Shell-Thin	36	PP	LinStatic	17,09	-17,68	18,61
18	18	Shell-Thin	7	PP	LinStatic	27,3	-15,64	12,21
18	18	Shell-Thin	5	PP	LinStatic	28	-12,13	11,63
18	18	Shell-Thin	35	STER	LinStatic	0	0	0
18	18	Shell-Thin	36	STER	LinStatic	0	0	0
18	18	Shell-Thin	7	STER	LinStatic	0	0	0
18	18	Shell-Thin	5	STER	LinStatic	0	0	0
18	18	Shell-Thin	35	SSOVR	LinStatic	0	0	0
18	18	Shell-Thin	36	SSOVR	LinStatic	0	0	0
18	18	Shell-Thin	7	SSOVR	LinStatic	0	0	0
18	18	Shell-Thin	5	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	36	PP	LinStatic	32,04	-14,69	18,86
19	19	Shell-Thin	37	PP	LinStatic	31,34	-18,19	18,68
19	19	Shell-Thin	9	PP	LinStatic	42,35	-15,99	12,42
19	19	Shell-Thin	7	PP	LinStatic	43,05	-12,49	12,6
19	19	Shell-Thin	36	STER	LinStatic	0	0	0
19	19	Shell-Thin	37	STER	LinStatic	0	0	0
19	19	Shell-Thin	9	STER	LinStatic	0	0	0
19	19	Shell-Thin	7	STER	LinStatic	0	0	0
19	19	Shell-Thin	36	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
19	19	Shell-Thin	37	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	9	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	7	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	37	PP	LinStatic	44,98	-15,46	19,13
20	20	Shell-Thin	38	PP	LinStatic	44,5	-17,84	19,01
20	20	Shell-Thin	11	PP	LinStatic	57,28	-15,29	11,62
20	20	Shell-Thin	9	PP	LinStatic	57,76	-12,9	11,74
20	20	Shell-Thin	37	STER	LinStatic	0	0	0
20	20	Shell-Thin	38	STER	LinStatic	0	0	0
20	20	Shell-Thin	11	STER	LinStatic	0	0	0
20	20	Shell-Thin	9	STER	LinStatic	0	0	0
20	20	Shell-Thin	37	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	38	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	11	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	9	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	38	PP	LinStatic	58,15	-15,11	18,66
21	21	Shell-Thin	39	PP	LinStatic	57,58	-17,97	18,66
21	21	Shell-Thin	13	PP	LinStatic	70,79	-15,33	12,09
21	21	Shell-Thin	11	PP	LinStatic	71,36	-12,47	12,09
21	21	Shell-Thin	38	STER	LinStatic	0	0	0
21	21	Shell-Thin	39	STER	LinStatic	0	0	0
21	21	Shell-Thin	13	STER	LinStatic	0	0	0
21	21	Shell-Thin	11	STER	LinStatic	0	0	0
21	21	Shell-Thin	38	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	39	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	13	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	11	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	39	PP	LinStatic	72,84	-14,92	19,42
22	22	Shell-Thin	40	PP	LinStatic	72,3	-17,64	19,78
22	22	Shell-Thin	15	PP	LinStatic	85,79	-14,95	11,9
22	22	Shell-Thin	13	PP	LinStatic	86,33	-12,22	11,54
22	22	Shell-Thin	39	STER	LinStatic	0	0	0
22	22	Shell-Thin	40	STER	LinStatic	0	0	0
22	22	Shell-Thin	15	STER	LinStatic	0	0	0
22	22	Shell-Thin	13	STER	LinStatic	0	0	0
22	22	Shell-Thin	39	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	40	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	15	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	13	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	40	PP	LinStatic	89,75	-14,15	20,19
23	23	Shell-Thin	41	PP	LinStatic	89,11	-17,34	20,87
23	23	Shell-Thin	17	PP	LinStatic	102,77	-14,61	13,37
23	23	Shell-Thin	15	PP	LinStatic	103,41	-11,42	12,7
23	23	Shell-Thin	40	STER	LinStatic	0	0	0
23	23	Shell-Thin	41	STER	LinStatic	0	0	0
23	23	Shell-Thin	17	STER	LinStatic	0	0	0
23	23	Shell-Thin	15	STER	LinStatic	0	0	0
23	23	Shell-Thin	40	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	41	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	17	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	15	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	41	PP	LinStatic	108,4	-13,49	22,92
24	24	Shell-Thin	42	PP	LinStatic	107,78	-16,59	24,5
24	24	Shell-Thin	19	PP	LinStatic	121,53	-13,84	14,98
24	24	Shell-Thin	17	PP	LinStatic	122,15	-10,74	13,4
24	24	Shell-Thin	41	STER	LinStatic	0	0	0
24	24	Shell-Thin	42	STER	LinStatic	0	0	0
24	24	Shell-Thin	19	STER	LinStatic	0	0	0
24	24	Shell-Thin	17	STER	LinStatic	0	0	0
24	24	Shell-Thin	41	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	42	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	19	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	17	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	42	PP	LinStatic	129,49	-12,25	26,75
25	25	Shell-Thin	43	PP	LinStatic	128,73	-16,01	28,37
25	25	Shell-Thin	21	PP	LinStatic	143,51	-13,05	18,57
25	25	Shell-Thin	19	PP	LinStatic	144,26	-9,29	16,95
25	25	Shell-Thin	42	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
25	25	Shell-Thin	43	STER	LinStatic	0	0	0
25	25	Shell-Thin	21	STER	LinStatic	0	0	0
25	25	Shell-Thin	19	STER	LinStatic	0	0	0
25	25	Shell-Thin	42	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	43	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	21	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	19	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	43	PP	LinStatic	152,65	-11,22	32,59
26	26	Shell-Thin	44	PP	LinStatic	151,85	-15,22	36,51
26	26	Shell-Thin	23	PP	LinStatic	167,49	-12,09	23,01
26	26	Shell-Thin	21	PP	LinStatic	168,29	-8,1	19,1
26	26	Shell-Thin	43	STER	LinStatic	0	0	0
26	26	Shell-Thin	44	STER	LinStatic	0	0	0
26	26	Shell-Thin	23	STER	LinStatic	0	0	0
26	26	Shell-Thin	21	STER	LinStatic	0	0	0
26	26	Shell-Thin	43	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	44	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	23	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	21	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	44	PP	LinStatic	176,41	-10,31	40,32
27	27	Shell-Thin	45	PP	LinStatic	175,93	-12,67	43,37
27	27	Shell-Thin	25	PP	LinStatic	197,54	-8,35	30,03
27	27	Shell-Thin	23	PP	LinStatic	198,02	-5,99	26,98
27	27	Shell-Thin	44	STER	LinStatic	0	0	0
27	27	Shell-Thin	45	STER	LinStatic	0	0	0
27	27	Shell-Thin	25	STER	LinStatic	0	0	0
27	27	Shell-Thin	23	STER	LinStatic	0	0	0
27	27	Shell-Thin	44	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	45	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	25	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	23	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	45	PP	LinStatic	216,02	-4,66	50,9
28	28	Shell-Thin	46	PP	LinStatic	213,38	-17,88	61,73
28	28	Shell-Thin	27	PP	LinStatic	233,52	-13,85	40,44
28	28	Shell-Thin	25	PP	LinStatic	236,17	-0,63	29,61
28	28	Shell-Thin	45	STER	LinStatic	0	0	0
28	28	Shell-Thin	46	STER	LinStatic	0	0	0
28	28	Shell-Thin	27	STER	LinStatic	0	0	0
28	28	Shell-Thin	25	STER	LinStatic	0	0	0
28	28	Shell-Thin	45	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	46	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	27	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	25	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	46	PP	LinStatic	248,7	-10,81	78,55
29	29	Shell-Thin	47	PP	LinStatic	253,87	15,02	104,86
29	29	Shell-Thin	29	PP	LinStatic	326,75	29,59	78,07
29	29	Shell-Thin	27	PP	LinStatic	321,58	3,76	51,75
29	29	Shell-Thin	46	STER	LinStatic	0	0	0
29	29	Shell-Thin	47	STER	LinStatic	0	0	0
29	29	Shell-Thin	29	STER	LinStatic	0	0	0
29	29	Shell-Thin	27	STER	LinStatic	0	0	0
29	29	Shell-Thin	46	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	47	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	29	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	27	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	47	PP	LinStatic	268,1	17,86	139,37
30	30	Shell-Thin	48	PP	LinStatic	275,55	55,11	83,76
30	30	Shell-Thin	31	PP	LinStatic	375,02	75	71,5
30	30	Shell-Thin	29	PP	LinStatic	367,57	37,76	127,11
30	30	Shell-Thin	47	STER	LinStatic	0	0	0
30	30	Shell-Thin	48	STER	LinStatic	0	0	0
30	30	Shell-Thin	31	STER	LinStatic	0	0	0
30	30	Shell-Thin	29	STER	LinStatic	0	0	0
30	30	Shell-Thin	47	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	48	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	31	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	29	SSOVR	LinStatic	0	0	0
31	31	Shell-Thin	49	PP	LinStatic	-5,34	-14,72	13,33

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
31	31	Shell-Thin	34	PP	LinStatic	-6,78	-15,01	12,6
31	31	Shell-Thin	33	PP	LinStatic	-7,15	-16,82	12,02
31	31	Shell-Thin	49	STER	LinStatic	0	0	0
31	31	Shell-Thin	34	STER	LinStatic	0	0	0
31	31	Shell-Thin	33	STER	LinStatic	0	0	0
31	31	Shell-Thin	49	SSOVR	LinStatic	0	0	0
31	31	Shell-Thin	34	SSOVR	LinStatic	0	0	0
31	31	Shell-Thin	33	SSOVR	LinStatic	0	0	0
32	32	Shell-Thin	49	PP	LinStatic	-19,47	-18,13	20,08
32	32	Shell-Thin	50	PP	LinStatic	-21,89	-30,25	24,58
32	32	Shell-Thin	35	PP	LinStatic	6,94	-24,48	21,68
32	32	Shell-Thin	34	PP	LinStatic	9,37	-12,36	17,17
32	32	Shell-Thin	49	STER	LinStatic	0	0	0
32	32	Shell-Thin	50	STER	LinStatic	0	0	0
32	32	Shell-Thin	35	STER	LinStatic	0	0	0
32	32	Shell-Thin	34	STER	LinStatic	0	0	0
32	32	Shell-Thin	49	SSOVR	LinStatic	0	0	0
32	32	Shell-Thin	50	SSOVR	LinStatic	0	0	0
32	32	Shell-Thin	35	SSOVR	LinStatic	0	0	0
32	32	Shell-Thin	34	SSOVR	LinStatic	0	0	0
33	33	Shell-Thin	50	PP	LinStatic	-0,96	-26,06	27,76
33	33	Shell-Thin	51	PP	LinStatic	-1,87	-30,59	28,24
33	33	Shell-Thin	36	PP	LinStatic	15,19	-27,18	23,58
33	33	Shell-Thin	35	PP	LinStatic	16,1	-22,65	23,1
33	33	Shell-Thin	50	STER	LinStatic	0	0	0
33	33	Shell-Thin	51	STER	LinStatic	0	0	0
33	33	Shell-Thin	36	STER	LinStatic	0	0	0
33	33	Shell-Thin	35	STER	LinStatic	0	0	0
33	33	Shell-Thin	50	SSOVR	LinStatic	0	0	0
33	33	Shell-Thin	51	SSOVR	LinStatic	0	0	0
33	33	Shell-Thin	36	SSOVR	LinStatic	0	0	0
33	33	Shell-Thin	35	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	51	PP	LinStatic	8,3	-28,56	29,35
34	34	Shell-Thin	52	PP	LinStatic	7,65	-31,81	30,16
34	34	Shell-Thin	37	PP	LinStatic	29,5	-27,44	24,65
34	34	Shell-Thin	36	PP	LinStatic	30,14	-24,19	23,83
34	34	Shell-Thin	51	STER	LinStatic	0	0	0
34	34	Shell-Thin	52	STER	LinStatic	0	0	0
34	34	Shell-Thin	37	STER	LinStatic	0	0	0
34	34	Shell-Thin	36	STER	LinStatic	0	0	0
34	34	Shell-Thin	51	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	52	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	37	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	36	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	52	PP	LinStatic	21,67	-29	30,45
35	35	Shell-Thin	53	PP	LinStatic	21,1	-31,85	30,44
35	35	Shell-Thin	38	PP	LinStatic	42,56	-27,55	25,09
35	35	Shell-Thin	37	PP	LinStatic	43,13	-24,71	25,1
35	35	Shell-Thin	52	STER	LinStatic	0	0	0
35	35	Shell-Thin	53	STER	LinStatic	0	0	0
35	35	Shell-Thin	38	STER	LinStatic	0	0	0
35	35	Shell-Thin	37	STER	LinStatic	0	0	0
35	35	Shell-Thin	52	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	53	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	38	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	37	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	53	PP	LinStatic	33,4	-29,39	31,16
36	36	Shell-Thin	54	PP	LinStatic	33,04	-31,16	31,49
36	36	Shell-Thin	39	PP	LinStatic	55,85	-26,6	25,07
36	36	Shell-Thin	38	PP	LinStatic	56,21	-24,82	24,73
36	36	Shell-Thin	53	STER	LinStatic	0	0	0
36	36	Shell-Thin	54	STER	LinStatic	0	0	0
36	36	Shell-Thin	39	STER	LinStatic	0	0	0
36	36	Shell-Thin	38	STER	LinStatic	0	0	0
36	36	Shell-Thin	53	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	54	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	39	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	38	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
37	37	Shell-Thin	54	PP	LinStatic	47,48	-28,27	31,74
37	37	Shell-Thin	55	PP	LinStatic	47,03	-30,52	32,41
37	37	Shell-Thin	40	PP	LinStatic	70,67	-25,79	26,5
37	37	Shell-Thin	39	PP	LinStatic	71,12	-23,54	25,83
37	37	Shell-Thin	54	STER	LinStatic	0	0	0
37	37	Shell-Thin	55	STER	LinStatic	0	0	0
37	37	Shell-Thin	40	STER	LinStatic	0	0	0
37	37	Shell-Thin	39	STER	LinStatic	0	0	0
37	37	Shell-Thin	54	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	55	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	40	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	39	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	55	PP	LinStatic	63,21	-27,28	34,03
38	38	Shell-Thin	56	PP	LinStatic	62,93	-28,71	35,54
38	38	Shell-Thin	41	PP	LinStatic	87,83	-23,73	28,42
38	38	Shell-Thin	40	PP	LinStatic	88,12	-22,3	26,92
38	38	Shell-Thin	55	STER	LinStatic	0	0	0
38	38	Shell-Thin	56	STER	LinStatic	0	0	0
38	38	Shell-Thin	41	STER	LinStatic	0	0	0
38	38	Shell-Thin	40	STER	LinStatic	0	0	0
38	38	Shell-Thin	55	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	56	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	41	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	40	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	56	PP	LinStatic	80,02	-25,29	37,42
39	39	Shell-Thin	57	PP	LinStatic	79,73	-26,76	39,69
39	39	Shell-Thin	42	PP	LinStatic	106,83	-21,34	32,75
39	39	Shell-Thin	41	PP	LinStatic	107,12	-19,87	30,48
39	39	Shell-Thin	56	STER	LinStatic	0	0	0
39	39	Shell-Thin	57	STER	LinStatic	0	0	0
39	39	Shell-Thin	42	STER	LinStatic	0	0	0
39	39	Shell-Thin	41	STER	LinStatic	0	0	0
39	39	Shell-Thin	56	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	57	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	42	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	41	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	57	PP	LinStatic	98,3	-23,05	43,6
40	40	Shell-Thin	58	PP	LinStatic	98,11	-24,02	47,34
40	40	Shell-Thin	43	PP	LinStatic	128,34	-17,97	38,73
40	40	Shell-Thin	42	PP	LinStatic	128,54	-17	34,99
40	40	Shell-Thin	57	STER	LinStatic	0	0	0
40	40	Shell-Thin	58	STER	LinStatic	0	0	0
40	40	Shell-Thin	43	STER	LinStatic	0	0	0
40	40	Shell-Thin	42	STER	LinStatic	0	0	0
40	40	Shell-Thin	57	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	58	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	43	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	42	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	58	PP	LinStatic	116,27	-20,39	51,91
41	41	Shell-Thin	59	PP	LinStatic	116,24	-20,49	56,01
41	41	Shell-Thin	44	PP	LinStatic	152,23	-13,3	47,06
41	41	Shell-Thin	43	PP	LinStatic	152,25	-13,19	42,96
41	41	Shell-Thin	58	STER	LinStatic	0	0	0
41	41	Shell-Thin	59	STER	LinStatic	0	0	0
41	41	Shell-Thin	44	STER	LinStatic	0	0	0
41	41	Shell-Thin	43	STER	LinStatic	0	0	0
41	41	Shell-Thin	58	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	59	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	44	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	43	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	59	PP	LinStatic	134,9	-16,76	61,03
42	42	Shell-Thin	60	PP	LinStatic	134,73	-17,63	69,08
42	42	Shell-Thin	45	PP	LinStatic	176,62	-9,25	58,93
42	42	Shell-Thin	44	PP	LinStatic	176,79	-8,38	50,88
42	42	Shell-Thin	59	STER	LinStatic	0	0	0
42	42	Shell-Thin	60	STER	LinStatic	0	0	0
42	42	Shell-Thin	45	STER	LinStatic	0	0	0
42	42	Shell-Thin	44	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
42	42	Shell-Thin	59	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	60	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	45	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	44	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	60	PP	LinStatic	152,15	-14,14	78,93
43	43	Shell-Thin	61	PP	LinStatic	153,72	-6,31	90,29
43	43	Shell-Thin	46	PP	LinStatic	218,27	6,6	77,82
43	43	Shell-Thin	45	PP	LinStatic	216,71	-1,23	66,46
43	43	Shell-Thin	60	STER	LinStatic	0	0	0
43	43	Shell-Thin	61	STER	LinStatic	0	0	0
43	43	Shell-Thin	46	STER	LinStatic	0	0	0
43	43	Shell-Thin	45	STER	LinStatic	0	0	0
43	43	Shell-Thin	60	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	61	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	46	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	45	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	61	PP	LinStatic	164,15	-4,22	99,14
44	44	Shell-Thin	62	PP	LinStatic	169,48	22,39	114,24
44	44	Shell-Thin	47	PP	LinStatic	258,92	40,28	109,72
44	44	Shell-Thin	46	PP	LinStatic	253,6	13,67	94,63
44	44	Shell-Thin	61	STER	LinStatic	0	0	0
44	44	Shell-Thin	62	STER	LinStatic	0	0	0
44	44	Shell-Thin	47	STER	LinStatic	0	0	0
44	44	Shell-Thin	46	STER	LinStatic	0	0	0
44	44	Shell-Thin	61	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	62	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	47	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	46	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	62	PP	LinStatic	174,77	23,45	143,74
45	45	Shell-Thin	63	PP	LinStatic	177,16	35,43	83,27
45	45	Shell-Thin	48	PP	LinStatic	275,55	55,11	83,76
45	45	Shell-Thin	47	PP	LinStatic	273,16	43,13	144,23
45	45	Shell-Thin	62	STER	LinStatic	0	0	0
45	45	Shell-Thin	63	STER	LinStatic	0	0	0
45	45	Shell-Thin	48	STER	LinStatic	0	0	0
45	45	Shell-Thin	47	STER	LinStatic	0	0	0
45	45	Shell-Thin	62	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	63	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	48	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	47	SSOVR	LinStatic	0	0	0
46	46	Shell-Thin	64	PP	LinStatic	-25,12	-31,86	33,83
46	46	Shell-Thin	50	PP	LinStatic	-20,58	-30,95	31,2
46	46	Shell-Thin	49	PP	LinStatic	-21,89	-37,53	33,01
46	46	Shell-Thin	64	STER	LinStatic	0	0	0
46	46	Shell-Thin	50	STER	LinStatic	0	0	0
46	46	Shell-Thin	49	STER	LinStatic	0	0	0
46	46	Shell-Thin	64	SSOVR	LinStatic	0	0	0
46	46	Shell-Thin	50	SSOVR	LinStatic	0	0	0
46	46	Shell-Thin	49	SSOVR	LinStatic	0	0	0
47	47	Shell-Thin	64	PP	LinStatic	-38,82	-36,7	36,75
47	47	Shell-Thin	65	PP	LinStatic	-40,91	-47,16	41,22
47	47	Shell-Thin	51	PP	LinStatic	-3,69	-39,71	35,87
47	47	Shell-Thin	50	PP	LinStatic	-1,6	-29,26	31,41
47	47	Shell-Thin	64	STER	LinStatic	0	0	0
47	47	Shell-Thin	65	STER	LinStatic	0	0	0
47	47	Shell-Thin	51	STER	LinStatic	0	0	0
47	47	Shell-Thin	50	STER	LinStatic	0	0	0
47	47	Shell-Thin	64	SSOVR	LinStatic	0	0	0
47	47	Shell-Thin	65	SSOVR	LinStatic	0	0	0
47	47	Shell-Thin	51	SSOVR	LinStatic	0	0	0
47	47	Shell-Thin	50	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	65	PP	LinStatic	-16,17	-42,21	43,79
48	48	Shell-Thin	66	PP	LinStatic	-17,17	-47,2	43,98
48	48	Shell-Thin	52	PP	LinStatic	5,47	-42,67	37,17
48	48	Shell-Thin	51	PP	LinStatic	6,47	-37,68	36,98
48	48	Shell-Thin	65	STER	LinStatic	0	0	0
48	48	Shell-Thin	66	STER	LinStatic	0	0	0
48	48	Shell-Thin	52	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
48	48	Shell-Thin	51	STER	LinStatic	0	0	0
48	48	Shell-Thin	65	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	66	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	52	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	51	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	66	PP	LinStatic	-6,89	-45,15	44,96
49	49	Shell-Thin	67	PP	LinStatic	-7,27	-47,07	45,99
49	49	Shell-Thin	53	PP	LinStatic	19,11	-41,8	38,49
49	49	Shell-Thin	52	PP	LinStatic	19,5	-39,87	37,46
49	49	Shell-Thin	66	STER	LinStatic	0	0	0
49	49	Shell-Thin	67	STER	LinStatic	0	0	0
49	49	Shell-Thin	53	STER	LinStatic	0	0	0
49	49	Shell-Thin	52	STER	LinStatic	0	0	0
49	49	Shell-Thin	66	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	67	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	53	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	52	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	67	PP	LinStatic	6,17	-44,38	46,39
50	50	Shell-Thin	68	PP	LinStatic	5,77	-46,39	46,93
50	50	Shell-Thin	54	PP	LinStatic	31,01	-41,34	39,74
50	50	Shell-Thin	53	PP	LinStatic	31,41	-39,34	39,2
50	50	Shell-Thin	67	STER	LinStatic	0	0	0
50	50	Shell-Thin	68	STER	LinStatic	0	0	0
50	50	Shell-Thin	54	STER	LinStatic	0	0	0
50	50	Shell-Thin	53	STER	LinStatic	0	0	0
50	50	Shell-Thin	67	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	68	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	54	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	53	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	68	PP	LinStatic	18,89	-43,76	48,05
51	51	Shell-Thin	69	PP	LinStatic	18,85	-43,96	49,32
51	51	Shell-Thin	55	PP	LinStatic	45,41	-38,65	41,27
51	51	Shell-Thin	54	PP	LinStatic	45,45	-38,45	39,99
51	51	Shell-Thin	68	STER	LinStatic	0	0	0
51	51	Shell-Thin	69	STER	LinStatic	0	0	0
51	51	Shell-Thin	55	STER	LinStatic	0	0	0
51	51	Shell-Thin	54	STER	LinStatic	0	0	0
51	51	Shell-Thin	68	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	69	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	55	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	54	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	69	PP	LinStatic	33,14	-41,1	50,64
52	52	Shell-Thin	70	PP	LinStatic	33,23	-40,62	52,57
52	52	Shell-Thin	56	PP	LinStatic	61,68	-34,93	44,81
52	52	Shell-Thin	55	PP	LinStatic	61,59	-35,41	42,88
52	52	Shell-Thin	69	STER	LinStatic	0	0	0
52	52	Shell-Thin	70	STER	LinStatic	0	0	0
52	52	Shell-Thin	56	STER	LinStatic	0	0	0
52	52	Shell-Thin	55	STER	LinStatic	0	0	0
52	52	Shell-Thin	69	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	70	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	56	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	55	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	70	PP	LinStatic	47,49	-37,77	55,5
53	53	Shell-Thin	71	PP	LinStatic	47,88	-35,81	58,94
53	53	Shell-Thin	57	PP	LinStatic	79,17	-29,55	50,13
53	53	Shell-Thin	56	PP	LinStatic	78,78	-31,51	46,69
53	53	Shell-Thin	70	STER	LinStatic	0	0	0
53	53	Shell-Thin	71	STER	LinStatic	0	0	0
53	53	Shell-Thin	57	STER	LinStatic	0	0	0
53	53	Shell-Thin	56	STER	LinStatic	0	0	0
53	53	Shell-Thin	70	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	71	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	57	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	56	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	71	PP	LinStatic	61,85	-33,01	62,81
54	54	Shell-Thin	72	PP	LinStatic	62,45	-30,01	67
54	54	Shell-Thin	58	PP	LinStatic	98,35	-22,83	58,23

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
54	54	Shell-Thin	57	PP	LinStatic	97,75	-25,83	54,04
54	54	Shell-Thin	71	STER	LinStatic	0	0	0
54	54	Shell-Thin	72	STER	LinStatic	0	0	0
54	54	Shell-Thin	58	STER	LinStatic	0	0	0
54	54	Shell-Thin	57	STER	LinStatic	0	0	0
54	54	Shell-Thin	71	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	72	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	58	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	57	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	72	PP	LinStatic	75,07	-27,48	72,13
55	55	Shell-Thin	73	PP	LinStatic	75,84	-23,65	77,99
55	55	Shell-Thin	59	PP	LinStatic	117,27	-15,36	68,66
55	55	Shell-Thin	58	PP	LinStatic	116,5	-19,2	62,8
55	55	Shell-Thin	72	STER	LinStatic	0	0	0
55	55	Shell-Thin	73	STER	LinStatic	0	0	0
55	55	Shell-Thin	59	STER	LinStatic	0	0	0
55	55	Shell-Thin	58	STER	LinStatic	0	0	0
55	55	Shell-Thin	72	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	73	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	59	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	58	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	73	PP	LinStatic	85,63	-21,69	83,42
56	56	Shell-Thin	74	PP	LinStatic	87,02	-14,73	91,64
56	56	Shell-Thin	60	PP	LinStatic	137,32	-4,67	81,9
56	56	Shell-Thin	59	PP	LinStatic	135,93	-11,63	73,68
56	56	Shell-Thin	73	STER	LinStatic	0	0	0
56	56	Shell-Thin	74	STER	LinStatic	0	0	0
56	56	Shell-Thin	60	STER	LinStatic	0	0	0
56	56	Shell-Thin	59	STER	LinStatic	0	0	0
56	56	Shell-Thin	73	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	74	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	60	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	59	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	74	PP	LinStatic	94,16	-13,3	99,22
57	57	Shell-Thin	75	PP	LinStatic	97,2	1,91	105,86
57	57	Shell-Thin	61	PP	LinStatic	157,79	14,03	98,39
57	57	Shell-Thin	60	PP	LinStatic	154,74	-1,18	91,75
57	57	Shell-Thin	74	STER	LinStatic	0	0	0
57	57	Shell-Thin	75	STER	LinStatic	0	0	0
57	57	Shell-Thin	61	STER	LinStatic	0	0	0
57	57	Shell-Thin	60	STER	LinStatic	0	0	0
57	57	Shell-Thin	74	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	75	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	61	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	60	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	75	PP	LinStatic	101,33	2,74	110,51
58	58	Shell-Thin	76	PP	LinStatic	104,74	19,78	123,39
58	58	Shell-Thin	62	PP	LinStatic	171,63	33,16	120,12
58	58	Shell-Thin	61	PP	LinStatic	168,22	16,12	107,24
58	58	Shell-Thin	75	STER	LinStatic	0	0	0
58	58	Shell-Thin	76	STER	LinStatic	0	0	0
58	58	Shell-Thin	62	STER	LinStatic	0	0	0
58	58	Shell-Thin	61	STER	LinStatic	0	0	0
58	58	Shell-Thin	75	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	76	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	62	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	61	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	76	PP	LinStatic	107,75	20,38	153,9
59	59	Shell-Thin	77	PP	LinStatic	108	21,6	87,54
59	59	Shell-Thin	63	PP	LinStatic	177,16	35,43	83,27
59	59	Shell-Thin	62	PP	LinStatic	176,92	34,21	149,63
59	59	Shell-Thin	76	STER	LinStatic	0	0	0
59	59	Shell-Thin	77	STER	LinStatic	0	0	0
59	59	Shell-Thin	63	STER	LinStatic	0	0	0
59	59	Shell-Thin	62	STER	LinStatic	0	0	0
59	59	Shell-Thin	76	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	77	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	63	SSOVR	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
59	59	Shell-Thin	62	SSOVR	LinStatic	0	0	0
60	60	Shell-Thin	78	PP	LinStatic	-46,53	-49,96	53,63
60	60	Shell-Thin	65	PP	LinStatic	-38,63	-48,38	49,89
60	60	Shell-Thin	64	PP	LinStatic	-40,5	-57,71	53,05
60	60	Shell-Thin	78	STER	LinStatic	0	0	0
60	60	Shell-Thin	65	STER	LinStatic	0	0	0
60	60	Shell-Thin	64	STER	LinStatic	0	0	0
60	60	Shell-Thin	78	SSOVR	LinStatic	0	0	0
60	60	Shell-Thin	65	SSOVR	LinStatic	0	0	0
60	60	Shell-Thin	64	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	78	PP	LinStatic	-57,73	-55,18	54,23
61	61	Shell-Thin	79	PP	LinStatic	-59,37	-63,39	58,23
61	61	Shell-Thin	66	PP	LinStatic	-18,78	-55,27	51,87
61	61	Shell-Thin	65	PP	LinStatic	-17,14	-47,07	47,87
61	61	Shell-Thin	78	STER	LinStatic	0	0	0
61	61	Shell-Thin	79	STER	LinStatic	0	0	0
61	61	Shell-Thin	66	STER	LinStatic	0	0	0
61	61	Shell-Thin	65	STER	LinStatic	0	0	0
61	61	Shell-Thin	78	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	79	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	66	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	65	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	79	PP	LinStatic	-33,67	-58,25	60,04
62	62	Shell-Thin	80	PP	LinStatic	-34,45	-62,1	59,98
62	62	Shell-Thin	67	PP	LinStatic	-9,27	-57,07	52,79
62	62	Shell-Thin	66	PP	LinStatic	-8,5	-53,21	52,85
62	62	Shell-Thin	79	STER	LinStatic	0	0	0
62	62	Shell-Thin	80	STER	LinStatic	0	0	0
62	62	Shell-Thin	67	STER	LinStatic	0	0	0
62	62	Shell-Thin	66	STER	LinStatic	0	0	0
62	62	Shell-Thin	79	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	80	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	67	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	66	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	80	PP	LinStatic	-24,86	-60,19	60,57
63	63	Shell-Thin	81	PP	LinStatic	-24,96	-60,67	61,64
63	63	Shell-Thin	68	PP	LinStatic	4,08	-54,86	54,26
63	63	Shell-Thin	67	PP	LinStatic	4,18	-54,38	53,19
63	63	Shell-Thin	80	STER	LinStatic	0	0	0
63	63	Shell-Thin	81	STER	LinStatic	0	0	0
63	63	Shell-Thin	68	STER	LinStatic	0	0	0
63	63	Shell-Thin	67	STER	LinStatic	0	0	0
63	63	Shell-Thin	80	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	81	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	68	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	67	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	81	PP	LinStatic	-11,67	-58,01	62,3
64	64	Shell-Thin	82	PP	LinStatic	-11,51	-57,21	63,4
64	64	Shell-Thin	69	PP	LinStatic	17,35	-51,44	56,48
64	64	Shell-Thin	68	PP	LinStatic	17,19	-52,24	55,38
64	64	Shell-Thin	81	STER	LinStatic	0	0	0
64	64	Shell-Thin	82	STER	LinStatic	0	0	0
64	64	Shell-Thin	69	STER	LinStatic	0	0	0
64	64	Shell-Thin	68	STER	LinStatic	0	0	0
64	64	Shell-Thin	81	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	82	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	69	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	68	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	82	PP	LinStatic	0,91	-54,73	65,19
65	65	Shell-Thin	83	PP	LinStatic	1,61	-51,2	67,52
65	65	Shell-Thin	70	PP	LinStatic	32,35	-45,05	60,13
65	65	Shell-Thin	69	PP	LinStatic	31,64	-48,58	57,8
65	65	Shell-Thin	82	STER	LinStatic	0	0	0
65	65	Shell-Thin	83	STER	LinStatic	0	0	0
65	65	Shell-Thin	70	STER	LinStatic	0	0	0
65	65	Shell-Thin	69	STER	LinStatic	0	0	0
65	65	Shell-Thin	82	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	83	SSOVR	LinStatic	0	0	0

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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
65	65	Shell-Thin	70	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	69	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	83	PP	LinStatic	13,13	-48,89	69,74
66	66	Shell-Thin	84	PP	LinStatic	14,12	-43,94	73,01
66	66	Shell-Thin	71	PP	LinStatic	47,59	-37,25	66,34
66	66	Shell-Thin	70	PP	LinStatic	46,6	-42,2	63,06
66	66	Shell-Thin	83	STER	LinStatic	0	0	0
66	66	Shell-Thin	84	STER	LinStatic	0	0	0
66	66	Shell-Thin	71	STER	LinStatic	0	0	0
66	66	Shell-Thin	70	STER	LinStatic	0	0	0
66	66	Shell-Thin	83	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	84	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	71	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	70	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	84	PP	LinStatic	24,18	-41,93	77,06
67	67	Shell-Thin	85	PP	LinStatic	25,6	-34,82	81,41
67	67	Shell-Thin	72	PP	LinStatic	62,98	-27,35	74,56
67	67	Shell-Thin	71	PP	LinStatic	61,56	-34,46	70,2
67	67	Shell-Thin	84	STER	LinStatic	0	0	0
67	67	Shell-Thin	85	STER	LinStatic	0	0	0
67	67	Shell-Thin	72	STER	LinStatic	0	0	0
67	67	Shell-Thin	71	STER	LinStatic	0	0	0
67	67	Shell-Thin	84	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	85	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	72	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	71	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	85	PP	LinStatic	33,29	-33,29	85,76
68	68	Shell-Thin	86	PP	LinStatic	34,87	-25,42	91,13
68	68	Shell-Thin	73	PP	LinStatic	77,18	-16,96	85,05
68	68	Shell-Thin	72	PP	LinStatic	75,61	-24,82	79,69
68	68	Shell-Thin	85	STER	LinStatic	0	0	0
68	68	Shell-Thin	86	STER	LinStatic	0	0	0
68	68	Shell-Thin	73	STER	LinStatic	0	0	0
68	68	Shell-Thin	72	STER	LinStatic	0	0	0
68	68	Shell-Thin	85	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	86	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	73	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	72	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	86	PP	LinStatic	39,73	-24,45	95,61
69	69	Shell-Thin	87	PP	LinStatic	41,77	-14,25	101,53
69	69	Shell-Thin	74	PP	LinStatic	89,01	-4,8	96,4
69	69	Shell-Thin	73	PP	LinStatic	86,97	-15	90,48
69	69	Shell-Thin	86	STER	LinStatic	0	0	0
69	69	Shell-Thin	87	STER	LinStatic	0	0	0
69	69	Shell-Thin	74	STER	LinStatic	0	0	0
69	69	Shell-Thin	73	STER	LinStatic	0	0	0
69	69	Shell-Thin	86	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	87	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	74	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	73	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	87	PP	LinStatic	44,9	-13,62	107,2
70	70	Shell-Thin	88	PP	LinStatic	47,8	0,89	112,41
70	70	Shell-Thin	75	PP	LinStatic	99,05	11,14	109,2
70	70	Shell-Thin	74	PP	LinStatic	96,14	-3,37	103,98
70	70	Shell-Thin	87	STER	LinStatic	0	0	0
70	70	Shell-Thin	88	STER	LinStatic	0	0	0
70	70	Shell-Thin	75	STER	LinStatic	0	0	0
70	70	Shell-Thin	74	STER	LinStatic	0	0	0
70	70	Shell-Thin	87	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	88	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	75	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	74	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	88	PP	LinStatic	49,31	1,19	115,51
71	71	Shell-Thin	89	PP	LinStatic	51,52	12,27	126,48
71	71	Shell-Thin	76	PP	LinStatic	105,39	23,04	124,82
71	71	Shell-Thin	75	PP	LinStatic	103,18	11,97	113,85
71	71	Shell-Thin	88	STER	LinStatic	0	0	0
71	71	Shell-Thin	89	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
71	71	Shell-Thin	76	STER	LinStatic	0	0	0
71	71	Shell-Thin	75	STER	LinStatic	0	0	0
71	71	Shell-Thin	88	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	89	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	76	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	75	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	89	PP	LinStatic	54,25	12,81	157,13
72	72	Shell-Thin	90	PP	LinStatic	53,84	10,77	89,34
72	72	Shell-Thin	77	PP	LinStatic	108	21,6	87,54
72	72	Shell-Thin	76	PP	LinStatic	108,4	23,64	155,33
72	72	Shell-Thin	89	STER	LinStatic	0	0	0
72	72	Shell-Thin	90	STER	LinStatic	0	0	0
72	72	Shell-Thin	77	STER	LinStatic	0	0	0
72	72	Shell-Thin	76	STER	LinStatic	0	0	0
72	72	Shell-Thin	89	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	90	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	77	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	76	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	91	PP	LinStatic	-66,55	-67,93	72,61
73	73	Shell-Thin	79	PP	LinStatic	-56,75	-65,97	68,74
73	73	Shell-Thin	78	PP	LinStatic	-58,68	-75,63	72,66
73	73	Shell-Thin	91	STER	LinStatic	0	0	0
73	73	Shell-Thin	79	STER	LinStatic	0	0	0
73	73	Shell-Thin	78	STER	LinStatic	0	0	0
73	73	Shell-Thin	91	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	79	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	78	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	91	PP	LinStatic	-77,21	-73,16	71,92
74	74	Shell-Thin	92	PP	LinStatic	-78,33	-78,73	74,75
74	74	Shell-Thin	80	PP	LinStatic	-36,08	-70,28	68,19
74	74	Shell-Thin	79	PP	LinStatic	-34,97	-64,71	65,36
74	74	Shell-Thin	91	STER	LinStatic	0	0	0
74	74	Shell-Thin	92	STER	LinStatic	0	0	0
74	74	Shell-Thin	80	STER	LinStatic	0	0	0
74	74	Shell-Thin	79	STER	LinStatic	0	0	0
74	74	Shell-Thin	91	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	92	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	80	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	79	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	92	PP	LinStatic	-55,05	-74,07	75,57
75	75	Shell-Thin	93	PP	LinStatic	-55,33	-75,46	75,32
75	75	Shell-Thin	81	PP	LinStatic	-26,77	-69,75	68,54
75	75	Shell-Thin	80	PP	LinStatic	-26,5	-68,36	68,78
75	75	Shell-Thin	92	STER	LinStatic	0	0	0
75	75	Shell-Thin	93	STER	LinStatic	0	0	0
75	75	Shell-Thin	81	STER	LinStatic	0	0	0
75	75	Shell-Thin	80	STER	LinStatic	0	0	0
75	75	Shell-Thin	92	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	93	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	81	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	80	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	93	PP	LinStatic	-44,71	-73,34	75,64
76	76	Shell-Thin	94	PP	LinStatic	-44,06	-70,11	77,09
76	76	Shell-Thin	82	PP	LinStatic	-12,84	-63,87	70,64
76	76	Shell-Thin	81	PP	LinStatic	-13,49	-67,09	69,19
76	76	Shell-Thin	93	STER	LinStatic	0	0	0
76	76	Shell-Thin	94	STER	LinStatic	0	0	0
76	76	Shell-Thin	82	STER	LinStatic	0	0	0
76	76	Shell-Thin	81	STER	LinStatic	0	0	0
76	76	Shell-Thin	93	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	94	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	82	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	81	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	94	PP	LinStatic	-31,61	-67,62	77,93
77	77	Shell-Thin	95	PP	LinStatic	-30,54	-62,29	79,54
77	77	Shell-Thin	83	PP	LinStatic	0,64	-56,05	74,04
77	77	Shell-Thin	82	PP	LinStatic	-0,42	-61,38	72,43
77	77	Shell-Thin	94	STER	LinStatic	0	0	0

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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
77	77	Shell-Thin	95	STER	LinStatic	0	0	0
77	77	Shell-Thin	83	STER	LinStatic	0	0	0
77	77	Shell-Thin	82	STER	LinStatic	0	0	0
77	77	Shell-Thin	94	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	95	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	83	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	82	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	95	PP	LinStatic	-21,29	-60,44	81,89
78	78	Shell-Thin	96	PP	LinStatic	-19,63	-52,11	84,84
78	78	Shell-Thin	84	PP	LinStatic	13,83	-45,42	79,21
78	78	Shell-Thin	83	PP	LinStatic	12,16	-53,75	76,26
78	78	Shell-Thin	95	STER	LinStatic	0	0	0
78	78	Shell-Thin	96	STER	LinStatic	0	0	0
78	78	Shell-Thin	84	STER	LinStatic	0	0	0
78	78	Shell-Thin	83	STER	LinStatic	0	0	0
78	78	Shell-Thin	95	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	96	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	84	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	83	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	96	PP	LinStatic	-12,12	-50,61	87,63
79	79	Shell-Thin	97	PP	LinStatic	-10,12	-40,59	91,27
79	79	Shell-Thin	85	PP	LinStatic	25,89	-33,39	86,91
79	79	Shell-Thin	84	PP	LinStatic	23,88	-43,4	83,26
79	79	Shell-Thin	96	STER	LinStatic	0	0	0
79	79	Shell-Thin	97	STER	LinStatic	0	0	0
79	79	Shell-Thin	85	STER	LinStatic	0	0	0
79	79	Shell-Thin	84	STER	LinStatic	0	0	0
79	79	Shell-Thin	96	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	97	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	85	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	84	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	97	PP	LinStatic	-5,59	-39,68	95,14
80	80	Shell-Thin	98	PP	LinStatic	-3,5	-29,25	99,16
80	80	Shell-Thin	86	PP	LinStatic	35,67	-21,42	95,27
80	80	Shell-Thin	85	PP	LinStatic	33,58	-31,85	91,25
80	80	Shell-Thin	97	STER	LinStatic	0	0	0
80	80	Shell-Thin	98	STER	LinStatic	0	0	0
80	80	Shell-Thin	86	STER	LinStatic	0	0	0
80	80	Shell-Thin	85	STER	LinStatic	0	0	0
80	80	Shell-Thin	97	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	98	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	86	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	85	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	98	PP	LinStatic	-0,93	-28,74	102,46
81	81	Shell-Thin	99	PP	LinStatic	1,28	-17,7	107,45
81	81	Shell-Thin	87	PP	LinStatic	42,73	-9,41	104,74
81	81	Shell-Thin	86	PP	LinStatic	40,53	-20,45	99,75
81	81	Shell-Thin	98	STER	LinStatic	0	0	0
81	81	Shell-Thin	99	STER	LinStatic	0	0	0
81	81	Shell-Thin	87	STER	LinStatic	0	0	0
81	81	Shell-Thin	86	STER	LinStatic	0	0	0
81	81	Shell-Thin	98	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	99	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	87	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	86	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	99	PP	LinStatic	2,1	-17,54	112,19
82	82	Shell-Thin	100	PP	LinStatic	4,78	-4,14	115,76
82	82	Shell-Thin	88	PP	LinStatic	48,55	4,61	113,99
82	82	Shell-Thin	87	PP	LinStatic	45,87	-8,79	110,41
82	82	Shell-Thin	99	STER	LinStatic	0	0	0
82	82	Shell-Thin	100	STER	LinStatic	0	0	0
82	82	Shell-Thin	88	STER	LinStatic	0	0	0
82	82	Shell-Thin	87	STER	LinStatic	0	0	0
82	82	Shell-Thin	99	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	100	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	88	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	87	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	100	PP	LinStatic	5,37	-4,02	117,99

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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
83	83	Shell-Thin	101	PP	LinStatic	6,95	3,87	129,11
83	83	Shell-Thin	89	PP	LinStatic	51,63	12,81	128,2
83	83	Shell-Thin	88	PP	LinStatic	50,05	4,91	117,08
83	83	Shell-Thin	100	STER	LinStatic	0	0	0
83	83	Shell-Thin	101	STER	LinStatic	0	0	0
83	83	Shell-Thin	89	STER	LinStatic	0	0	0
83	83	Shell-Thin	88	STER	LinStatic	0	0	0
83	83	Shell-Thin	100	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	101	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	89	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	88	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	101	PP	LinStatic	9,44	4,37	161,32
84	84	Shell-Thin	102	PP	LinStatic	8,92	1,78	91,81
84	84	Shell-Thin	90	PP	LinStatic	53,84	10,77	89,34
84	84	Shell-Thin	89	PP	LinStatic	54,36	13,35	158,85
84	84	Shell-Thin	101	STER	LinStatic	0	0	0
84	84	Shell-Thin	102	STER	LinStatic	0	0	0
84	84	Shell-Thin	90	STER	LinStatic	0	0	0
84	84	Shell-Thin	89	STER	LinStatic	0	0	0
84	84	Shell-Thin	101	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	102	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	90	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	89	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	103	PP	LinStatic	-85,5	-84,26	90,88
85	85	Shell-Thin	92	PP	LinStatic	-76,02	-82,37	86,07
85	85	Shell-Thin	91	PP	LinStatic	-78,42	-94,37	89,86
85	85	Shell-Thin	103	STER	LinStatic	0	0	0
85	85	Shell-Thin	92	STER	LinStatic	0	0	0
85	85	Shell-Thin	91	STER	LinStatic	0	0	0
85	85	Shell-Thin	103	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	92	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	91	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	103	PP	LinStatic	-92,19	-89,44	87,65
86	86	Shell-Thin	104	PP	LinStatic	-92,35	-90,29	89,4
86	86	Shell-Thin	93	PP	LinStatic	-56,87	-83,19	82,92
86	86	Shell-Thin	92	PP	LinStatic	-56,7	-82,34	81,17
86	86	Shell-Thin	103	STER	LinStatic	0	0	0
86	86	Shell-Thin	104	STER	LinStatic	0	0	0
86	86	Shell-Thin	93	STER	LinStatic	0	0	0
86	86	Shell-Thin	92	STER	LinStatic	0	0	0
86	86	Shell-Thin	103	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	104	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	93	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	92	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	104	PP	LinStatic	-69,65	-85,74	89,94
87	87	Shell-Thin	105	PP	LinStatic	-69,03	-82,64	89,36
87	87	Shell-Thin	94	PP	LinStatic	-45,63	-77,96	82,66
87	87	Shell-Thin	93	PP	LinStatic	-46,25	-81,07	83,24
87	87	Shell-Thin	104	STER	LinStatic	0	0	0
87	87	Shell-Thin	105	STER	LinStatic	0	0	0
87	87	Shell-Thin	94	STER	LinStatic	0	0	0
87	87	Shell-Thin	93	STER	LinStatic	0	0	0
87	87	Shell-Thin	104	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	105	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	94	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	93	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	105	PP	LinStatic	-59,94	-80,83	89,48
88	88	Shell-Thin	106	PP	LinStatic	-58,28	-72,48	91,02
88	88	Shell-Thin	95	PP	LinStatic	-31,51	-67,13	85,03
88	88	Shell-Thin	94	PP	LinStatic	-33,18	-75,47	83,49
88	88	Shell-Thin	105	STER	LinStatic	0	0	0
88	88	Shell-Thin	106	STER	LinStatic	0	0	0
88	88	Shell-Thin	95	STER	LinStatic	0	0	0
88	88	Shell-Thin	94	STER	LinStatic	0	0	0
88	88	Shell-Thin	105	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	106	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	95	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	94	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
89	89	Shell-Thin	106	PP	LinStatic	-48,23	-70,47	91,76
89	89	Shell-Thin	107	PP	LinStatic	-46,26	-60,63	93,73
89	89	Shell-Thin	96	PP	LinStatic	-20,29	-55,44	89,35
89	89	Shell-Thin	95	PP	LinStatic	-22,26	-65,28	87,38
89	89	Shell-Thin	106	STER	LinStatic	0	0	0
89	89	Shell-Thin	107	STER	LinStatic	0	0	0
89	89	Shell-Thin	96	STER	LinStatic	0	0	0
89	89	Shell-Thin	95	STER	LinStatic	0	0	0
89	89	Shell-Thin	106	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	107	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	96	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	95	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	107	PP	LinStatic	-40,97	-59,57	96,14
90	90	Shell-Thin	108	PP	LinStatic	-38,41	-46,78	98,68
90	90	Shell-Thin	97	PP	LinStatic	-10,23	-41,14	94,67
90	90	Shell-Thin	96	PP	LinStatic	-12,79	-53,94	92,13
90	90	Shell-Thin	107	STER	LinStatic	0	0	0
90	90	Shell-Thin	108	STER	LinStatic	0	0	0
90	90	Shell-Thin	97	STER	LinStatic	0	0	0
90	90	Shell-Thin	96	STER	LinStatic	0	0	0
90	90	Shell-Thin	107	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	108	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	97	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	96	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	108	PP	LinStatic	-34,85	-46,07	101,1
91	91	Shell-Thin	109	PP	LinStatic	-32,56	-34,61	104,55
91	91	Shell-Thin	98	PP	LinStatic	-3,41	-28,78	101,99
91	91	Shell-Thin	97	PP	LinStatic	-5,7	-40,23	98,54
91	91	Shell-Thin	108	STER	LinStatic	0	0	0
91	91	Shell-Thin	109	STER	LinStatic	0	0	0
91	91	Shell-Thin	98	STER	LinStatic	0	0	0
91	91	Shell-Thin	97	STER	LinStatic	0	0	0
91	91	Shell-Thin	108	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	109	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	98	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	97	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	109	PP	LinStatic	-31,59	-34,42	107,4
92	92	Shell-Thin	110	PP	LinStatic	-29,22	-22,59	110,97
92	92	Shell-Thin	99	PP	LinStatic	1,53	-16,44	108,86
92	92	Shell-Thin	98	PP	LinStatic	-0,83	-28,27	105,29
92	92	Shell-Thin	109	STER	LinStatic	0	0	0
92	92	Shell-Thin	110	STER	LinStatic	0	0	0
92	92	Shell-Thin	99	STER	LinStatic	0	0	0
92	92	Shell-Thin	98	STER	LinStatic	0	0	0
92	92	Shell-Thin	109	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	110	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	99	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	98	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	110	PP	LinStatic	-28,9	-22,53	114,55
93	93	Shell-Thin	111	PP	LinStatic	-26,36	-9,86	118,17
93	93	Shell-Thin	100	PP	LinStatic	4,88	-3,61	117,21
93	93	Shell-Thin	99	PP	LinStatic	2,35	-16,28	113,59
93	93	Shell-Thin	110	STER	LinStatic	0	0	0
93	93	Shell-Thin	111	STER	LinStatic	0	0	0
93	93	Shell-Thin	100	STER	LinStatic	0	0	0
93	93	Shell-Thin	99	STER	LinStatic	0	0	0
93	93	Shell-Thin	110	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	111	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	100	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	99	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	111	PP	LinStatic	-26,49	-9,89	120,6
94	94	Shell-Thin	112	PP	LinStatic	-25,08	-2,82	130,31
94	94	Shell-Thin	101	PP	LinStatic	6,89	3,57	129,16
94	94	Shell-Thin	100	PP	LinStatic	5,48	-3,5	119,44
94	94	Shell-Thin	111	STER	LinStatic	0	0	0
94	94	Shell-Thin	112	STER	LinStatic	0	0	0
94	94	Shell-Thin	101	STER	LinStatic	0	0	0
94	94	Shell-Thin	100	STER	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
94	94	Shell-Thin	111	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	112	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	101	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	100	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	112	PP	LinStatic	-23,4	-2,49	163,23
95	95	Shell-Thin	113	PP	LinStatic	-23,85	-4,77	93,67
95	95	Shell-Thin	102	PP	LinStatic	8,92	1,78	91,81
95	95	Shell-Thin	101	PP	LinStatic	9,38	4,07	161,36
95	95	Shell-Thin	112	STER	LinStatic	0	0	0
95	95	Shell-Thin	113	STER	LinStatic	0	0	0
95	95	Shell-Thin	102	STER	LinStatic	0	0	0
95	95	Shell-Thin	101	STER	LinStatic	0	0	0
95	95	Shell-Thin	112	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	113	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	102	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	101	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	114	PP	LinStatic	-101,08	-97,98	105,36
96	96	Shell-Thin	104	PP	LinStatic	-89,85	-95,73	99,95
96	96	Shell-Thin	103	PP	LinStatic	-92,56	-109,25	104,44
96	96	Shell-Thin	114	STER	LinStatic	0	0	0
96	96	Shell-Thin	104	STER	LinStatic	0	0	0
96	96	Shell-Thin	103	STER	LinStatic	0	0	0
96	96	Shell-Thin	114	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	104	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	103	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	114	PP	LinStatic	-104,92	-103,07	99,35
97	97	Shell-Thin	115	PP	LinStatic	-103,51	-96,01	101,16
97	97	Shell-Thin	105	PP	LinStatic	-70,38	-89,39	95,71
97	97	Shell-Thin	104	PP	LinStatic	-71,79	-96,45	93,89
97	97	Shell-Thin	114	STER	LinStatic	0	0	0
97	97	Shell-Thin	115	STER	LinStatic	0	0	0
97	97	Shell-Thin	105	STER	LinStatic	0	0	0
97	97	Shell-Thin	104	STER	LinStatic	0	0	0
97	97	Shell-Thin	114	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	115	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	105	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	104	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	115	PP	LinStatic	-81,54	-91,62	101,59
98	98	Shell-Thin	116	PP	LinStatic	-80,09	-84,38	100,78
98	98	Shell-Thin	106	PP	LinStatic	-59,85	-80,33	95,02
98	98	Shell-Thin	105	PP	LinStatic	-61,29	-87,57	95,83
98	98	Shell-Thin	115	STER	LinStatic	0	0	0
98	98	Shell-Thin	116	STER	LinStatic	0	0	0
98	98	Shell-Thin	106	STER	LinStatic	0	0	0
98	98	Shell-Thin	105	STER	LinStatic	0	0	0
98	98	Shell-Thin	115	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	116	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	106	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	105	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	116	PP	LinStatic	-75,09	-83,38	100,33
99	99	Shell-Thin	117	PP	LinStatic	-72,43	-70,05	101,49
99	99	Shell-Thin	107	PP	LinStatic	-47,13	-64,99	96,93
99	99	Shell-Thin	106	PP	LinStatic	-49,8	-78,32	95,76
99	99	Shell-Thin	116	STER	LinStatic	0	0	0
99	99	Shell-Thin	117	STER	LinStatic	0	0	0
99	99	Shell-Thin	107	STER	LinStatic	0	0	0
99	99	Shell-Thin	106	STER	LinStatic	0	0	0
99	99	Shell-Thin	116	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	117	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	107	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	106	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	117	PP	LinStatic	-66,04	-68,77	102,31
100	100	Shell-Thin	118	PP	LinStatic	-63,31	-55,1	104,32
100	100	Shell-Thin	108	PP	LinStatic	-39,1	-50,25	101,34
100	100	Shell-Thin	107	PP	LinStatic	-41,84	-63,93	99,33
100	100	Shell-Thin	117	STER	LinStatic	0	0	0
100	100	Shell-Thin	118	STER	LinStatic	0	0	0
100	100	Shell-Thin	108	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
100	100	Shell-Thin	107	STER	LinStatic	0	0	0
100	100	Shell-Thin	117	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	118	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	108	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	107	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	118	PP	LinStatic	-61,54	-54,74	106,13
101	101	Shell-Thin	119	PP	LinStatic	-58,92	-41,64	108,29
101	101	Shell-Thin	109	PP	LinStatic	-32,93	-36,44	105,93
101	101	Shell-Thin	108	PP	LinStatic	-35,55	-49,54	103,77
101	101	Shell-Thin	118	STER	LinStatic	0	0	0
101	101	Shell-Thin	119	STER	LinStatic	0	0	0
101	101	Shell-Thin	109	STER	LinStatic	0	0	0
101	101	Shell-Thin	108	STER	LinStatic	0	0	0
101	101	Shell-Thin	118	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	119	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	109	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	108	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	119	PP	LinStatic	-58,03	-41,46	110,12
102	102	Shell-Thin	120	PP	LinStatic	-55,6	-29,31	113,55
102	102	Shell-Thin	110	PP	LinStatic	-29,52	-24,1	112,21
102	102	Shell-Thin	109	PP	LinStatic	-31,95	-36,24	108,78
102	102	Shell-Thin	119	STER	LinStatic	0	0	0
102	102	Shell-Thin	120	STER	LinStatic	0	0	0
102	102	Shell-Thin	110	STER	LinStatic	0	0	0
102	102	Shell-Thin	109	STER	LinStatic	0	0	0
102	102	Shell-Thin	119	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	120	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	110	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	109	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	120	PP	LinStatic	-56,34	-29,46	116,76
103	103	Shell-Thin	121	PP	LinStatic	-53,72	-16,36	119,64
103	103	Shell-Thin	111	PP	LinStatic	-26,58	-10,93	118,67
103	103	Shell-Thin	110	PP	LinStatic	-29,2	-24,03	115,78
103	103	Shell-Thin	120	STER	LinStatic	0	0	0
103	103	Shell-Thin	121	STER	LinStatic	0	0	0
103	103	Shell-Thin	111	STER	LinStatic	0	0	0
103	103	Shell-Thin	110	STER	LinStatic	0	0	0
103	103	Shell-Thin	120	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	121	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	111	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	110	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	121	PP	LinStatic	-54,06	-16,42	121,36
104	104	Shell-Thin	122	PP	LinStatic	-52,6	-9,16	131,4
104	104	Shell-Thin	112	PP	LinStatic	-25,25	-3,69	131,13
104	104	Shell-Thin	111	PP	LinStatic	-26,7	-10,95	121,1
104	104	Shell-Thin	121	STER	LinStatic	0	0	0
104	104	Shell-Thin	122	STER	LinStatic	0	0	0
104	104	Shell-Thin	112	STER	LinStatic	0	0	0
104	104	Shell-Thin	111	STER	LinStatic	0	0	0
104	104	Shell-Thin	121	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	122	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	112	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	111	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	122	PP	LinStatic	-52,13	-9,07	164,81
105	105	Shell-Thin	123	PP	LinStatic	-52,41	-10,48	94,44
105	105	Shell-Thin	113	PP	LinStatic	-23,85	-4,77	93,67
105	105	Shell-Thin	112	PP	LinStatic	-23,57	-3,36	164,05
105	105	Shell-Thin	122	STER	LinStatic	0	0	0
105	105	Shell-Thin	123	STER	LinStatic	0	0	0
105	105	Shell-Thin	113	STER	LinStatic	0	0	0
105	105	Shell-Thin	112	STER	LinStatic	0	0	0
105	105	Shell-Thin	122	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	123	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	113	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	112	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	124	PP	LinStatic	-114,53	-108,28	117,79
106	106	Shell-Thin	115	PP	LinStatic	-101,14	-105,6	112,3
106	106	Shell-Thin	114	PP	LinStatic	-103,89	-119,33	117,65



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
106	106	Shell-Thin	124	STER	LinStatic	0	0	0
106	106	Shell-Thin	115	STER	LinStatic	0	0	0
106	106	Shell-Thin	114	STER	LinStatic	0	0	0
106	106	Shell-Thin	124	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	115	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	114	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	124	PP	LinStatic	-117,97	-113,36	109,7
107	107	Shell-Thin	125	PP	LinStatic	-115,16	-99,34	110,67
107	107	Shell-Thin	116	PP	LinStatic	-81,74	-92,65	106,46
107	107	Shell-Thin	115	PP	LinStatic	-84,55	-106,68	105,49
107	107	Shell-Thin	124	STER	LinStatic	0	0	0
107	107	Shell-Thin	125	STER	LinStatic	0	0	0
107	107	Shell-Thin	116	STER	LinStatic	0	0	0
107	107	Shell-Thin	115	STER	LinStatic	0	0	0
107	107	Shell-Thin	124	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	125	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	116	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	115	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	125	PP	LinStatic	-97,8	-95,87	110,7
108	108	Shell-Thin	126	PP	LinStatic	-95,33	-83,51	109,91
108	108	Shell-Thin	117	PP	LinStatic	-74,28	-79,3	105,22
108	108	Shell-Thin	116	PP	LinStatic	-76,75	-91,65	106,01
108	108	Shell-Thin	125	STER	LinStatic	0	0	0
108	108	Shell-Thin	126	STER	LinStatic	0	0	0
108	108	Shell-Thin	117	STER	LinStatic	0	0	0
108	108	Shell-Thin	116	STER	LinStatic	0	0	0
108	108	Shell-Thin	125	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	126	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	117	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	116	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	126	PP	LinStatic	-93,15	-83,08	109,02
109	109	Shell-Thin	127	PP	LinStatic	-89,72	-65,93	109,68
109	109	Shell-Thin	118	PP	LinStatic	-64,46	-60,88	106,69
109	109	Shell-Thin	117	PP	LinStatic	-67,89	-78,02	106,04
109	109	Shell-Thin	126	STER	LinStatic	0	0	0
109	109	Shell-Thin	127	STER	LinStatic	0	0	0
109	109	Shell-Thin	118	STER	LinStatic	0	0	0
109	109	Shell-Thin	117	STER	LinStatic	0	0	0
109	109	Shell-Thin	126	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	127	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	118	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	117	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	127	PP	LinStatic	-86,73	-65,33	110,39
110	110	Shell-Thin	128	PP	LinStatic	-83,98	-51,59	112,17
110	110	Shell-Thin	119	PP	LinStatic	-59,95	-46,79	110,28
110	110	Shell-Thin	118	PP	LinStatic	-62,69	-60,52	108,51
110	110	Shell-Thin	127	STER	LinStatic	0	0	0
110	110	Shell-Thin	128	STER	LinStatic	0	0	0
110	110	Shell-Thin	119	STER	LinStatic	0	0	0
110	110	Shell-Thin	118	STER	LinStatic	0	0	0
110	110	Shell-Thin	127	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	128	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	119	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	118	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	128	PP	LinStatic	-84,63	-51,72	113,29
111	111	Shell-Thin	129	PP	LinStatic	-81,91	-38,15	115,46
111	111	Shell-Thin	120	PP	LinStatic	-56,35	-33,03	114,29
111	111	Shell-Thin	119	PP	LinStatic	-59,06	-46,61	112,11
111	111	Shell-Thin	128	STER	LinStatic	0	0	0
111	111	Shell-Thin	129	STER	LinStatic	0	0	0
111	111	Shell-Thin	120	STER	LinStatic	0	0	0
111	111	Shell-Thin	119	STER	LinStatic	0	0	0
111	111	Shell-Thin	128	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	129	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	120	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	119	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	129	PP	LinStatic	-82,9	-38,35	118,19
112	112	Shell-Thin	130	PP	LinStatic	-80,06	-24,12	120,89

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
112	112	Shell-Thin	121	PP	LinStatic	-54,24	-18,96	120,19
112	112	Shell-Thin	120	PP	LinStatic	-57,08	-33,18	117,49
112	112	Shell-Thin	129	STER	LinStatic	0	0	0
112	112	Shell-Thin	130	STER	LinStatic	0	0	0
112	112	Shell-Thin	121	STER	LinStatic	0	0	0
112	112	Shell-Thin	120	STER	LinStatic	0	0	0
112	112	Shell-Thin	129	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	130	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	121	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	120	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	130	PP	LinStatic	-81,84	-24,48	121,85
113	113	Shell-Thin	131	PP	LinStatic	-80,17	-16,13	132,86
113	113	Shell-Thin	122	PP	LinStatic	-52,91	-10,68	132,93
113	113	Shell-Thin	121	PP	LinStatic	-54,58	-19,03	121,91
113	113	Shell-Thin	130	STER	LinStatic	0	0	0
113	113	Shell-Thin	131	STER	LinStatic	0	0	0
113	113	Shell-Thin	122	STER	LinStatic	0	0	0
113	113	Shell-Thin	121	STER	LinStatic	0	0	0
113	113	Shell-Thin	130	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	131	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	122	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	121	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	131	PP	LinStatic	-80,12	-16,12	167,17
114	114	Shell-Thin	132	PP	LinStatic	-80,1	-16,02	95,26
114	114	Shell-Thin	123	PP	LinStatic	-52,41	-10,48	94,44
114	114	Shell-Thin	122	PP	LinStatic	-52,43	-10,58	166,34
114	114	Shell-Thin	131	STER	LinStatic	0	0	0
114	114	Shell-Thin	132	STER	LinStatic	0	0	0
114	114	Shell-Thin	123	STER	LinStatic	0	0	0
114	114	Shell-Thin	122	STER	LinStatic	0	0	0
114	114	Shell-Thin	131	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	132	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	123	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	122	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	133	PP	LinStatic	-127,46	-115,88	128,38
115	115	Shell-Thin	125	PP	LinStatic	-113,42	-113,08	122,41
115	115	Shell-Thin	124	PP	LinStatic	-116,41	-128,02	128,02
115	115	Shell-Thin	133	STER	LinStatic	0	0	0
115	115	Shell-Thin	125	STER	LinStatic	0	0	0
115	115	Shell-Thin	124	STER	LinStatic	0	0	0
115	115	Shell-Thin	133	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	125	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	124	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	133	PP	LinStatic	-126,61	-120,5	118,01
116	116	Shell-Thin	134	PP	LinStatic	-122,28	-98,86	117,76
116	116	Shell-Thin	126	PP	LinStatic	-97,41	-93,88	114,47
116	116	Shell-Thin	125	PP	LinStatic	-101,74	-115,52	114,71
116	116	Shell-Thin	133	STER	LinStatic	0	0	0
116	116	Shell-Thin	134	STER	LinStatic	0	0	0
116	116	Shell-Thin	126	STER	LinStatic	0	0	0
116	116	Shell-Thin	125	STER	LinStatic	0	0	0
116	116	Shell-Thin	133	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	134	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	126	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	125	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	134	PP	LinStatic	-110,9	-96,58	117,48
117	117	Shell-Thin	135	PP	LinStatic	-107,65	-80,31	116,62
117	117	Shell-Thin	127	PP	LinStatic	-91,97	-77,17	112,71
117	117	Shell-Thin	126	PP	LinStatic	-95,22	-93,44	113,58
117	117	Shell-Thin	134	STER	LinStatic	0	0	0
117	117	Shell-Thin	135	STER	LinStatic	0	0	0
117	117	Shell-Thin	127	STER	LinStatic	0	0	0
117	117	Shell-Thin	126	STER	LinStatic	0	0	0
117	117	Shell-Thin	134	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	135	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	127	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	126	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	135	PP	LinStatic	-108,26	-80,43	115,26



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
118	118	Shell-Thin	136	PP	LinStatic	-104,86	-63,41	115,29
118	118	Shell-Thin	128	PP	LinStatic	-85,57	-59,55	113,45
118	118	Shell-Thin	127	PP	LinStatic	-88,98	-76,57	113,42
118	118	Shell-Thin	135	STER	LinStatic	0	0	0
118	118	Shell-Thin	136	STER	LinStatic	0	0	0
118	118	Shell-Thin	128	STER	LinStatic	0	0	0
118	118	Shell-Thin	127	STER	LinStatic	0	0	0
118	118	Shell-Thin	135	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	136	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	128	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	127	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	136	PP	LinStatic	-104,54	-63,35	115,93
119	119	Shell-Thin	137	PP	LinStatic	-101,56	-48,43	117,99
119	119	Shell-Thin	129	PP	LinStatic	-83,24	-44,77	116,63
119	119	Shell-Thin	128	PP	LinStatic	-86,22	-59,68	114,57
119	119	Shell-Thin	136	STER	LinStatic	0	0	0
119	119	Shell-Thin	137	STER	LinStatic	0	0	0
119	119	Shell-Thin	129	STER	LinStatic	0	0	0
119	119	Shell-Thin	128	STER	LinStatic	0	0	0
119	119	Shell-Thin	136	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	137	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	129	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	128	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	137	PP	LinStatic	-104,28	-48,98	119,46
120	120	Shell-Thin	138	PP	LinStatic	-100,99	-32,51	121,14
120	120	Shell-Thin	130	PP	LinStatic	-80,93	-28,5	121,04
120	120	Shell-Thin	129	PP	LinStatic	-84,23	-44,97	119,36
120	120	Shell-Thin	137	STER	LinStatic	0	0	0
120	120	Shell-Thin	138	STER	LinStatic	0	0	0
120	120	Shell-Thin	130	STER	LinStatic	0	0	0
120	120	Shell-Thin	129	STER	LinStatic	0	0	0
120	120	Shell-Thin	137	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	138	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	130	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	129	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	138	PP	LinStatic	-103,55	-33,02	122,31
121	121	Shell-Thin	139	PP	LinStatic	-101,45	-22,5	133,82
121	121	Shell-Thin	131	PP	LinStatic	-80,61	-18,33	133,5
121	121	Shell-Thin	130	PP	LinStatic	-82,71	-28,86	122
121	121	Shell-Thin	138	STER	LinStatic	0	0	0
121	121	Shell-Thin	139	STER	LinStatic	0	0	0
121	121	Shell-Thin	131	STER	LinStatic	0	0	0
121	121	Shell-Thin	130	STER	LinStatic	0	0	0
121	121	Shell-Thin	138	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	139	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	131	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	130	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	139	PP	LinStatic	-103,08	-22,82	168,09
122	122	Shell-Thin	140	PP	LinStatic	-102,62	-20,52	95,54
122	122	Shell-Thin	132	PP	LinStatic	-80,1	-16,02	95,26
122	122	Shell-Thin	131	PP	LinStatic	-80,56	-18,32	167,81
122	122	Shell-Thin	139	STER	LinStatic	0	0	0
122	122	Shell-Thin	140	STER	LinStatic	0	0	0
122	122	Shell-Thin	132	STER	LinStatic	0	0	0
122	122	Shell-Thin	131	STER	LinStatic	0	0	0
122	122	Shell-Thin	139	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	140	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	132	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	131	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	141	PP	LinStatic	-134,52	-119,25	133,51
123	123	Shell-Thin	134	PP	LinStatic	-121,77	-116,7	127,89
123	123	Shell-Thin	133	PP	LinStatic	-124,58	-130,73	132,99
123	123	Shell-Thin	141	STER	LinStatic	0	0	0
123	123	Shell-Thin	134	STER	LinStatic	0	0	0
123	123	Shell-Thin	133	STER	LinStatic	0	0	0
123	123	Shell-Thin	141	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	134	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	133	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
124	124	Shell-Thin	141	PP	LinStatic	-130,35	-122,9	121,91
124	124	Shell-Thin	142	PP	LinStatic	-124,81	-95,21	120,92
124	124	Shell-Thin	135	PP	LinStatic	-110,04	-92,25	119,48
124	124	Shell-Thin	134	PP	LinStatic	-115,58	-119,95	120,47
124	124	Shell-Thin	141	STER	LinStatic	0	0	0
124	124	Shell-Thin	142	STER	LinStatic	0	0	0
124	124	Shell-Thin	135	STER	LinStatic	0	0	0
124	124	Shell-Thin	134	STER	LinStatic	0	0	0
124	124	Shell-Thin	141	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	142	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	135	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	134	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	142	PP	LinStatic	-119,62	-94,17	120,91
125	125	Shell-Thin	143	PP	LinStatic	-116,41	-78,1	120,03
125	125	Shell-Thin	136	PP	LinStatic	-107,44	-76,3	117,24
125	125	Shell-Thin	135	PP	LinStatic	-110,65	-92,38	118,13
125	125	Shell-Thin	142	STER	LinStatic	0	0	0
125	125	Shell-Thin	143	STER	LinStatic	0	0	0
125	125	Shell-Thin	136	STER	LinStatic	0	0	0
125	125	Shell-Thin	135	STER	LinStatic	0	0	0
125	125	Shell-Thin	142	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	143	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	136	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	135	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	143	PP	LinStatic	-119,56	-78,73	118,22
126	126	Shell-Thin	144	PP	LinStatic	-115,87	-60,26	118,43
126	126	Shell-Thin	137	PP	LinStatic	-103,43	-57,77	118,1
126	126	Shell-Thin	136	PP	LinStatic	-107,12	-76,24	117,88
126	126	Shell-Thin	143	STER	LinStatic	0	0	0
126	126	Shell-Thin	144	STER	LinStatic	0	0	0
126	126	Shell-Thin	137	STER	LinStatic	0	0	0
126	126	Shell-Thin	136	STER	LinStatic	0	0	0
126	126	Shell-Thin	143	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	144	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	137	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	136	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	144	PP	LinStatic	-118,92	-60,87	120,05
127	127	Shell-Thin	145	PP	LinStatic	-114,98	-41,17	121,9
127	127	Shell-Thin	138	PP	LinStatic	-102,21	-38,62	121,43
127	127	Shell-Thin	137	PP	LinStatic	-106,15	-58,31	119,57
127	127	Shell-Thin	144	STER	LinStatic	0	0	0
127	127	Shell-Thin	145	STER	LinStatic	0	0	0
127	127	Shell-Thin	138	STER	LinStatic	0	0	0
127	127	Shell-Thin	137	STER	LinStatic	0	0	0
127	127	Shell-Thin	144	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	145	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	138	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	137	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	145	PP	LinStatic	-119,76	-42,13	121,7
128	128	Shell-Thin	146	PP	LinStatic	-117,05	-28,58	132,79
128	128	Shell-Thin	139	PP	LinStatic	-102,06	-25,58	133,69
128	128	Shell-Thin	138	PP	LinStatic	-104,77	-39,13	122,6
128	128	Shell-Thin	145	STER	LinStatic	0	0	0
128	128	Shell-Thin	146	STER	LinStatic	0	0	0
128	128	Shell-Thin	139	STER	LinStatic	0	0	0
128	128	Shell-Thin	138	STER	LinStatic	0	0	0
128	128	Shell-Thin	145	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	146	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	139	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	138	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	146	PP	LinStatic	-120,36	-29,24	168,17
129	129	Shell-Thin	147	PP	LinStatic	-119,28	-23,86	95,75
129	129	Shell-Thin	140	PP	LinStatic	-102,62	-20,52	95,54
129	129	Shell-Thin	139	PP	LinStatic	-103,69	-25,91	167,96
129	129	Shell-Thin	146	STER	LinStatic	0	0	0
129	129	Shell-Thin	147	STER	LinStatic	0	0	0
129	129	Shell-Thin	140	STER	LinStatic	0	0	0
129	129	Shell-Thin	139	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
129	129	Shell-Thin	146	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	147	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	140	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	139	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	148	PP	LinStatic	-136,04	-118,59	133,5
130	130	Shell-Thin	142	PP	LinStatic	-125,8	-116,54	128,8
130	130	Shell-Thin	141	PP	LinStatic	-128,15	-128,29	132,9
130	130	Shell-Thin	148	STER	LinStatic	0	0	0
130	130	Shell-Thin	142	STER	LinStatic	0	0	0
130	130	Shell-Thin	141	STER	LinStatic	0	0	0
130	130	Shell-Thin	148	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	142	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	141	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	148	PP	LinStatic	-129,97	-121,13	122,67
131	131	Shell-Thin	149	PP	LinStatic	-124,47	-93,65	120,84
131	131	Shell-Thin	143	PP	LinStatic	-119,31	-92,62	121,1
131	131	Shell-Thin	142	PP	LinStatic	-124,81	-120,1	122,93
131	131	Shell-Thin	148	STER	LinStatic	0	0	0
131	131	Shell-Thin	149	STER	LinStatic	0	0	0
131	131	Shell-Thin	143	STER	LinStatic	0	0	0
131	131	Shell-Thin	142	STER	LinStatic	0	0	0
131	131	Shell-Thin	148	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	149	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	143	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	142	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	149	PP	LinStatic	-125,38	-93,83	120,68
132	132	Shell-Thin	150	PP	LinStatic	-121,39	-73,88	120,46
132	132	Shell-Thin	144	PP	LinStatic	-118,48	-73,3	119,08
132	132	Shell-Thin	143	PP	LinStatic	-122,47	-93,25	119,29
132	132	Shell-Thin	149	STER	LinStatic	0	0	0
132	132	Shell-Thin	150	STER	LinStatic	0	0	0
132	132	Shell-Thin	144	STER	LinStatic	0	0	0
132	132	Shell-Thin	143	STER	LinStatic	0	0	0
132	132	Shell-Thin	149	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	150	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	144	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	143	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	150	PP	LinStatic	-127,72	-75,14	119,43
133	133	Shell-Thin	151	PP	LinStatic	-122,8	-50,54	119,9
133	133	Shell-Thin	145	PP	LinStatic	-116,61	-49,31	121,16
133	133	Shell-Thin	144	PP	LinStatic	-121,53	-73,91	120,69
133	133	Shell-Thin	150	STER	LinStatic	0	0	0
133	133	Shell-Thin	151	STER	LinStatic	0	0	0
133	133	Shell-Thin	145	STER	LinStatic	0	0	0
133	133	Shell-Thin	144	STER	LinStatic	0	0	0
133	133	Shell-Thin	150	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	151	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	144	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	151	PP	LinStatic	-129,38	-51,86	120,95
134	134	Shell-Thin	152	PP	LinStatic	-125,82	-34,06	132,26
134	134	Shell-Thin	146	PP	LinStatic	-117,83	-32,46	132,28
134	134	Shell-Thin	145	PP	LinStatic	-121,39	-50,26	120,96
134	134	Shell-Thin	151	STER	LinStatic	0	0	0
134	134	Shell-Thin	152	STER	LinStatic	0	0	0
134	134	Shell-Thin	146	STER	LinStatic	0	0	0
134	134	Shell-Thin	145	STER	LinStatic	0	0	0
134	134	Shell-Thin	151	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	152	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	146	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	145	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	152	PP	LinStatic	-131,55	-35,2	166,24
135	135	Shell-Thin	153	PP	LinStatic	-129,69	-25,94	94,33
135	135	Shell-Thin	147	PP	LinStatic	-119,28	-23,86	95,75
135	135	Shell-Thin	146	PP	LinStatic	-121,14	-33,12	167,65
135	135	Shell-Thin	152	STER	LinStatic	0	0	0
135	135	Shell-Thin	153	STER	LinStatic	0	0	0
135	135	Shell-Thin	147	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
135	135	Shell-Thin	146	STER	LinStatic	0	0	0
135	135	Shell-Thin	152	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	153	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	147	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	146	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	154	PP	LinStatic	-134,61	-117,26	130,13
136	136	Shell-Thin	149	PP	LinStatic	-126,15	-115,57	126,49
136	136	Shell-Thin	148	PP	LinStatic	-127,97	-124,68	129,87
136	136	Shell-Thin	154	STER	LinStatic	0	0	0
136	136	Shell-Thin	149	STER	LinStatic	0	0	0
136	136	Shell-Thin	148	STER	LinStatic	0	0	0
136	136	Shell-Thin	154	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	149	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	148	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	154	PP	LinStatic	-125,95	-118,45	120,39
137	137	Shell-Thin	155	PP	LinStatic	-119,66	-86,98	118,34
137	137	Shell-Thin	150	PP	LinStatic	-124,19	-87,88	119,6
137	137	Shell-Thin	149	PP	LinStatic	-130,48	-119,35	121,64
137	137	Shell-Thin	154	STER	LinStatic	0	0	0
137	137	Shell-Thin	155	STER	LinStatic	0	0	0
137	137	Shell-Thin	150	STER	LinStatic	0	0	0
137	137	Shell-Thin	149	STER	LinStatic	0	0	0
137	137	Shell-Thin	154	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	155	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	150	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	149	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	155	PP	LinStatic	-128,06	-88,66	118,41
138	138	Shell-Thin	156	PP	LinStatic	-122,24	-59,52	119,36
138	138	Shell-Thin	151	PP	LinStatic	-124,7	-60,02	119,52
138	138	Shell-Thin	150	PP	LinStatic	-130,52	-89,15	118,57
138	138	Shell-Thin	155	STER	LinStatic	0	0	0
138	138	Shell-Thin	156	STER	LinStatic	0	0	0
138	138	Shell-Thin	151	STER	LinStatic	0	0	0
138	138	Shell-Thin	150	STER	LinStatic	0	0	0
138	138	Shell-Thin	155	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	156	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	151	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	150	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	156	PP	LinStatic	-132,6	-61,6	118,31
139	139	Shell-Thin	157	PP	LinStatic	-128,1	-39,1	127,69
139	139	Shell-Thin	152	PP	LinStatic	-126,78	-38,84	129,94
139	139	Shell-Thin	151	PP	LinStatic	-131,28	-61,33	120,57
139	139	Shell-Thin	156	STER	LinStatic	0	0	0
139	139	Shell-Thin	157	STER	LinStatic	0	0	0
139	139	Shell-Thin	152	STER	LinStatic	0	0	0
139	139	Shell-Thin	151	STER	LinStatic	0	0	0
139	139	Shell-Thin	156	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	157	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	152	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	151	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	157	PP	LinStatic	-136,49	-40,78	163,51
140	140	Shell-Thin	158	PP	LinStatic	-133,68	-26,74	93,93
140	140	Shell-Thin	153	PP	LinStatic	-129,69	-25,94	94,33
140	140	Shell-Thin	152	PP	LinStatic	-132,5	-39,98	163,92
140	140	Shell-Thin	157	STER	LinStatic	0	0	0
140	140	Shell-Thin	158	STER	LinStatic	0	0	0
140	140	Shell-Thin	153	STER	LinStatic	0	0	0
140	140	Shell-Thin	152	STER	LinStatic	0	0	0
140	140	Shell-Thin	157	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	158	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	153	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	152	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	159	PP	LinStatic	-127,9	-111,08	124,07
141	141	Shell-Thin	155	PP	LinStatic	-122,55	-110,01	121,48
141	141	Shell-Thin	154	PP	LinStatic	-123,85	-116,5	123,62
141	141	Shell-Thin	159	STER	LinStatic	0	0	0
141	141	Shell-Thin	155	STER	LinStatic	0	0	0
141	141	Shell-Thin	154	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
141	141	Shell-Thin	159	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	155	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	154	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	159	PP	LinStatic	-121,48	-111,88	112,97
142	142	Shell-Thin	160	PP	LinStatic	-112,13	-65,11	111,72
142	142	Shell-Thin	156	PP	LinStatic	-123,82	-67,45	117,13
142	142	Shell-Thin	155	PP	LinStatic	-133,17	-114,21	118,39
142	142	Shell-Thin	159	STER	LinStatic	0	0	0
142	142	Shell-Thin	160	STER	LinStatic	0	0	0
142	142	Shell-Thin	156	STER	LinStatic	0	0	0
142	142	Shell-Thin	155	STER	LinStatic	0	0	0
142	142	Shell-Thin	159	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	160	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	156	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	155	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	160	PP	LinStatic	-129,56	-68,6	115,46
143	143	Shell-Thin	161	PP	LinStatic	-124,66	-44,09	125,54
143	143	Shell-Thin	157	PP	LinStatic	-129,28	-45,01	126,16
143	143	Shell-Thin	156	PP	LinStatic	-134,18	-69,52	116,08
143	143	Shell-Thin	160	STER	LinStatic	0	0	0
143	143	Shell-Thin	161	STER	LinStatic	0	0	0
143	143	Shell-Thin	157	STER	LinStatic	0	0	0
143	143	Shell-Thin	156	STER	LinStatic	0	0	0
143	143	Shell-Thin	160	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	161	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	157	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	156	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	161	PP	LinStatic	-137,33	-46,62	156,86
144	144	Shell-Thin	162	PP	LinStatic	-133,34	-26,67	88,8
144	144	Shell-Thin	158	PP	LinStatic	-133,68	-26,74	93,93
144	144	Shell-Thin	157	PP	LinStatic	-137,67	-46,69	161,99
144	144	Shell-Thin	161	STER	LinStatic	0	0	0
144	144	Shell-Thin	162	STER	LinStatic	0	0	0
144	144	Shell-Thin	158	STER	LinStatic	0	0	0
144	144	Shell-Thin	157	STER	LinStatic	0	0	0
144	144	Shell-Thin	161	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	162	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	158	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	157	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	163	PP	LinStatic	-115,91	-87,26	113,63
145	145	Shell-Thin	160	PP	LinStatic	-116,92	-87,46	110,53
145	145	Shell-Thin	159	PP	LinStatic	-118,47	-95,21	110,12
145	145	Shell-Thin	163	STER	LinStatic	0	0	0
145	145	Shell-Thin	160	STER	LinStatic	0	0	0
145	145	Shell-Thin	159	STER	LinStatic	0	0	0
145	145	Shell-Thin	163	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	160	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	159	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	163	PP	LinStatic	-114,61	-89,48	99,22
146	146	Shell-Thin	164	PP	LinStatic	-105,61	-44,49	111,24
146	146	Shell-Thin	161	PP	LinStatic	-125,54	-48,48	124,49
146	146	Shell-Thin	160	PP	LinStatic	-134,54	-93,46	112,47
146	146	Shell-Thin	163	STER	LinStatic	0	0	0
146	146	Shell-Thin	164	STER	LinStatic	0	0	0
146	146	Shell-Thin	161	STER	LinStatic	0	0	0
146	146	Shell-Thin	160	STER	LinStatic	0	0	0
146	146	Shell-Thin	163	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	164	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	161	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	160	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	164	PP	LinStatic	-135,4	-50,45	148,7
147	147	Shell-Thin	165	PP	LinStatic	-130,53	-26,11	81,68
147	147	Shell-Thin	162	PP	LinStatic	-133,34	-26,67	88,8
147	147	Shell-Thin	161	PP	LinStatic	-138,21	-51,01	155,82
147	147	Shell-Thin	164	STER	LinStatic	0	0	0
147	147	Shell-Thin	165	STER	LinStatic	0	0	0
147	147	Shell-Thin	162	STER	LinStatic	0	0	0
147	147	Shell-Thin	161	STER	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
147	147	Shell-Thin	164	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	165	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	162	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	161	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	166	PP	LinStatic	-89,51	-49,8	75,59
148	148	Shell-Thin	164	PP	LinStatic	-116,33	-55,16	83,16
148	148	Shell-Thin	163	PP	LinStatic	-112,54	-36,25	72,43
148	148	Shell-Thin	166	STER	LinStatic	0	0	0
148	148	Shell-Thin	164	STER	LinStatic	0	0	0
148	148	Shell-Thin	163	STER	LinStatic	0	0	0
148	148	Shell-Thin	166	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	164	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	163	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	166	PP	LinStatic	-182,19	-62,28	115,55
149	149	Shell-Thin	167	PP	LinStatic	-176,81	-35,36	64,42
149	149	Shell-Thin	165	PP	LinStatic	-130,53	-26,11	81,68
149	149	Shell-Thin	164	PP	LinStatic	-135,92	-53,03	132,81
149	149	Shell-Thin	166	STER	LinStatic	0	0	0
149	149	Shell-Thin	167	STER	LinStatic	0	0	0
149	149	Shell-Thin	165	STER	LinStatic	0	0	0
149	149	Shell-Thin	164	STER	LinStatic	0	0	0
149	149	Shell-Thin	166	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	167	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	165	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	164	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	168	PP	LinStatic	-185,07	-37,01	90,84
150	150	Shell-Thin	167	PP	LinStatic	-172,68	-34,54	90,84
150	150	Shell-Thin	166	PP	LinStatic	-172,68	-34,54	130,47
150	150	Shell-Thin	168	STER	LinStatic	0	0	0
150	150	Shell-Thin	167	STER	LinStatic	0	0	0
150	150	Shell-Thin	166	STER	LinStatic	0	0	0
150	150	Shell-Thin	168	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	167	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	166	SSOVR	LinStatic	0	0	0

Table: Element Forces - Area Shells, Part 2 of 4

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
1	1	1	PP	7,74	-2,85	18,729	9,5	0
1	1	2	PP	6,89	-6,29	15,644	11,43	0
1	1	3	PP	3,99	-6,55	14,783	9,22	0
1	1	4	PP	4,83	-3,09	18,623	6,92	0
1	1	1	STER	0	0	0	0	-0,6662
1	1	2	STER	0	0	0	0	2,7488
1	1	3	STER	0	0	0	0	1,7155
1	1	4	STER	0	0	0	0	0,4764
1	1	1	SSOVR	0	0	0	0	-1,1334
1	1	2	SSOVR	0	0	0	0	2,3853
1	1	3	SSOVR	0	0	0	0	-0,865
1	1	4	SSOVR	0	0	0	0	0,9548
2	2	2	PP	17,22	-5,44	17,137	20,49	0
2	2	5	PP	16,68	-8,94	16,664	22,53	0
2	2	6	PP	18,6	-6,8	9,129	22,77	0
2	2	3	PP	19,13	-3,3	8,603	20,98	0
2	2	2	STER	0	0	0	0	2,8468
2	2	5	STER	0	0	0	0	14,362
2	2	6	STER	0	0	0	0	16,7049
2	2	3	STER	0	0	0	0	1,487
2	2	2	SSOVR	0	0	0	0	2,3307
2	2	5	SSOVR	0	0	0	0	10,656
2	2	6	SSOVR	0	0	0	0	10,3416
2	2	3	SSOVR	0	0	0	0	-0,5904
3	3	5	PP	31,04	-5,19	11,231	33,93	0
3	3	7	PP	30,14	-9,03	10,346	35,52	0
3	3	8	PP	36,81	-6,75	5,992	40,61	0
3	3	6	PP	37,64	-2,84	6,457	39,13	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
3	3	5	STER	0	0	0	0	14,8344
3	3	7	STER	0	0	0	0	46,3898
3	3	8	STER	0	0	0	0	55,0084
3	3	6	STER	0	0	0	0	15,2132
3	3	5	SSOVR	0	0	0	0	11,022
3	3	7	SSOVR	0	0	0	0	33,3728
3	3	8	SSOVR	0	0	0	0	36,8691
3	3	6	SSOVR	0	0	0	0	9,3704
4	4	7	PP	45,68	-5,68	8,272	48,77	0
4	4	9	PP	44,97	-8,82	7,795	49,96	0
4	4	10	PP	55,51	-5,81	3,563	58,63	0
4	4	8	PP	56,17	-2,62	3,801	57,52	0
4	4	7	STER	0	0	0	0	50,876
4	4	9	STER	0	0	0	0	108,0097
4	4	10	STER	0	0	0	0	154,0691
4	4	8	STER	0	0	0	0	47,4493
4	4	7	SSOVR	0	0	0	0	36,2985
4	4	9	SSOVR	0	0	0	0	75,2386
4	4	10	SSOVR	0	0	0	0	103,4163
4	4	8	SSOVR	0	0	0	0	31,937
5	5	9	PP	60,05	-5,41	5,773	62,93	0
5	5	11	PP	59,36	-8,5	5,417	64,04	0
5	5	12	PP	71,55	-5,61	3,084	74,51	0
5	5	10	PP	72,2	-2,48	3,319	73,48	0
5	5	9	STER	0	0	0	0	102,4225
5	5	11	STER	0	0	0	0	301,9692
5	5	12	STER	0	0	0	0	268,0798
5	5	10	STER	0	0	0	0	157,984
5	5	9	SSOVR	0	0	0	0	71,6187
5	5	11	SSOVR	0	0	0	0	203,4165
5	5	12	SSOVR	0	0	0	0	179,0217
5	5	10	SSOVR	0	0	0	0	105,7808
6	6	11	PP	73,44	-5,68	4,984	76,43	0
6	6	13	PP	72,89	-8,38	4,884	77,42	0
6	6	14	PP	85,38	-5,35	2,262	88,17	0
6	6	12	PP	85,92	-2,63	2,288	87,27	0
6	6	11	STER	0	0	0	0	301,9562
6	6	13	STER	0	0	0	0	89,6833
6	6	14	STER	0	0	0	0	144,9617
6	6	12	STER	0	0	0	0	268,1244
6	6	11	SSOVR	0	0	0	0	203,4102
6	6	13	SSOVR	0	0	0	0	64,4775
6	6	14	SSOVR	0	0	0	0	98,4718
6	6	12	SSOVR	0	0	0	0	179,0471
7	7	13	PP	88,27	-5,12	3,905	90,94	0
7	7	15	PP	87,61	-8,41	3,858	92,11	0
7	7	16	PP	100,08	-5,6	2,26	102,99	0
7	7	14	PP	100,74	-2,3	2,261	101,9	0
7	7	13	STER	0	0	0	0	95,1235
7	7	15	STER	0	0	0	0	25,8893
7	7	16	STER	0	0	0	0	22,4129
7	7	14	STER	0	0	0	0	141,3662
7	7	13	SSOVR	0	0	0	0	68,0171
7	7	15	SSOVR	0	0	0	0	22,2402
7	7	16	SSOVR	0	0	0	0	17,8515
7	7	14	SSOVR	0	0	0	0	96,2829
8	8	15	PP	105,28	-4,93	3,775	107,83	0
8	8	17	PP	104,64	-8,26	3,802	109	0
8	8	18	PP	116,25	-5,49	1,825	119,09	0
8	8	16	PP	116,9	-2,17	1,755	118	0
8	8	15	STER	0	0	0	0	21,4088
8	8	17	STER	0	0	0	0	-18,8582
8	8	18	STER	0	0	0	0	-18,5864
8	8	16	STER	0	0	0	0	29,8757
8	8	15	SSOVR	0	0	0	0	19,3059
8	8	17	SSOVR	0	0	0	0	-8,2391
8	8	18	SSOVR	0	0	0	0	-9,9141
8	8	16	SSOVR	0	0	0	0	22,7109

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
9	9	17	PP	123,96	-4,33	3,356	126,18	0
9	9	19	PP	123,17	-8,45	3,427	127,61	0
9	9	20	PP	134,02	-5,94	2,091	137,08	0
9	9	18	PP	134,81	-1,83	1,991	135,74	0
9	9	17	STER	0	0	0	0	-19,2665
9	9	19	STER	0	0	0	0	-32,7532
9	9	20	STER	0	0	0	0	-33,8489
9	9	18	STER	0	0	0	0	-17,1632
9	9	17	SSOVR	0	0	0	0	-8,4711
9	9	19	SSOVR	0	0	0	0	-18,6739
9	9	20	SSOVR	0	0	0	0	-20,7007
9	9	18	SSOVR	0	0	0	0	-9,1069
10	10	19	PP	146,08	-4,08	3,759	148,16	0
10	10	21	PP	145,32	-8,3	3,929	149,65	0
10	10	22	PP	154,82	-5,76	1,94	157,77	0
10	10	20	PP	155,61	-1,57	1,734	156,4	0
10	10	19	STER	0	0	0	0	-32,7763
10	10	21	STER	0	0	0	0	-26,8274
10	10	22	STER	0	0	0	0	-27,5864
10	10	20	STER	0	0	0	0	-33,4388
10	10	19	SSOVR	0	0	0	0	-18,3752
10	10	21	SSOVR	0	0	0	0	-15,5547
10	10	22	SSOVR	0	0	0	0	-14,5623
10	10	20	SSOVR	0	0	0	0	-20,9932
11	11	21	PP	170,09	-3,33	3,654	171,78	0
11	11	23	PP	169	-8,91	3,67	173,63	0
11	11	24	PP	179	-6,44	2,452	182,31	0
11	11	22	PP	180,1	-0,86	2,406	180,53	0
11	11	21	STER	0	0	0	0	-27,0026
11	11	23	STER	0	0	0	0	-6,5037
11	11	24	STER	0	0	0	0	-10,8666
11	11	22	STER	0	0	0	0	-27,3832
11	11	21	SSOVR	0	0	0	0	-15,9834
11	11	23	SSOVR	0	0	0	0	5,9187
11	11	24	SSOVR	0	0	0	0	-0,3848
11	11	22	SSOVR	0	0	0	0	-14,4166
12	12	23	PP	199,96	-3,24	4,341	201,6	0
12	12	25	PP	199,14	-9,72	4,963	204,18	0
12	12	26	PP	205,61	-6,96	2,286	209,17	0
12	12	24	PP	206,65	-0,7	1,605	207	0
12	12	23	STER	0	0	0	0	-6,582
12	12	25	STER	0	0	0	0	6,3877
12	12	26	STER	0	0	0	0	3,118
12	12	24	STER	0	0	0	0	-10,5519
12	12	23	SSOVR	0	0	0	0	5,8968
12	12	25	SSOVR	0	0	0	0	-3,5827
12	12	26	SSOVR	0	0	0	0	-2,8147
12	12	24	SSOVR	0	0	0	0	-0,3063
13	13	25	PP	237,51	-1,73	4,226	238,38	0
13	13	27	PP	235,85	-10,28	4,238	241,15	0
13	13	28	PP	254,69	-6,16	3,648	257,83	0
13	13	26	PP	256,35	2,38	3,621	255,17	0
13	13	25	STER	0	0	0	0	6,3365
13	13	27	STER	0	0	0	0	28,2878
13	13	28	STER	0	0	0	0	19,4206
13	13	26	STER	0	0	0	0	4,4074
13	13	25	SSOVR	0	0	0	0	-3,1982
13	13	27	SSOVR	0	0	0	0	4,2392
13	13	28	SSOVR	0	0	0	0	-0,9881
13	13	26	SSOVR	0	0	0	0	-2,4874
14	14	27	PP	325,3	5,94	5,313	322,37	0
14	14	29	PP	321,64	-30,47	7,344	337,9	0
14	14	30	PP	307,67	-27,33	2,812	322,2	0
14	14	28	PP	313,55	6,87	0,229	310,17	0
14	14	27	STER	0	0	0	0	27,5
14	14	29	STER	0	0	0	0	27,2687
14	14	30	STER	0	0	0	0	14,6309
14	14	28	STER	0	0	0	0	21,5581

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
14	14	27	SSOVR	0	0	0	0	3,6546
14	14	29	SSOVR	0	0	0	0	8,6335
14	14	30	SSOVR	0	0	0	0	3,3279
14	14	28	SSOVR	0	0	0	0	0,1694
15	15	29	PP	378,9	-38,74	13,328	399,68	0
15	15	31	PP	391,19	58,83	12,742	365,34	0
15	15	32	PP	590,88	108,56	7,407	544,77	0
15	15	30	PP	577,28	12,29	8,633	571,23	0
15	15	29	STER	0	0	0	0	21,5769
15	15	31	STER	0	0	0	0	-74,8321
15	15	32	STER	0	0	0	0	-217,3635
15	15	30	STER	0	0	0	0	37,6254
15	15	29	SSOVR	0	0	0	0	6,3118
15	15	31	SSOVR	0	0	0	0	-18,2603
15	15	32	SSOVR	0	0	0	0	-77,6074
15	15	30	SSOVR	0	0	0	0	12,7039
16	16	33	PP	3,95	-12,06	45,227	14,44	0
16	16	34	PP	0,34	-22,22	33,168	22,39	0
16	16	2	PP	6,89	-15,87	19,575	20,22	0
16	16	1	PP	8,85	-4,05	24,461	11,43	0
16	16	33	STER	0	0	0	0	3,3406
16	16	34	STER	0	0	0	0	3,2805
16	16	2	STER	0	0	0	0	2,772
16	16	1	STER	0	0	0	0	-0,6944
16	16	33	SSOVR	0	0	0	0	5,2886
16	16	34	SSOVR	0	0	0	0	4,688
16	16	2	SSOVR	0	0	0	0	2,41
16	16	1	SSOVR	0	0	0	0	-1,1675
17	17	34	PP	17,04	-19,97	27,069	32,09	0
17	17	35	PP	17	-24,36	26,715	36	0
17	17	5	PP	17,18	-19,42	19,972	31,72	0
17	17	2	PP	17,24	-15,04	19,467	27,97	0
17	17	34	STER	0	0	0	0	1,6949
17	17	35	STER	0	0	0	0	12,0883
17	17	5	STER	0	0	0	0	14,3522
17	17	2	STER	0	0	0	0	2,87
17	17	34	SSOVR	0	0	0	0	2,5243
17	17	35	SSOVR	0	0	0	0	11,8465
17	17	5	SSOVR	0	0	0	0	10,6466
17	17	2	SSOVR	0	0	0	0	2,3555
18	18	35	PP	25,91	-22,29	24,227	41,78	0
18	18	36	PP	25,17	-25,76	23,474	44,11	0
18	18	7	PP	30,53	-18,87	14,81	43,17	0
18	18	5	PP	31,13	-15,26	15,049	40,95	0
18	18	35	STER	0	0	0	0	12,1801
18	18	36	STER	0	0	0	0	37,7295
18	18	7	STER	0	0	0	0	46,4504
18	18	5	STER	0	0	0	0	14,8247
18	18	35	SSOVR	0	0	0	0	11,9959
18	18	36	SSOVR	0	0	0	0	30,1622
18	18	7	SSOVR	0	0	0	0	33,4142
18	18	5	SSOVR	0	0	0	0	11,0126
19	19	36	PP	38,71	-21,35	19,454	52,73	0
19	19	37	PP	37,6	-24,44	18,512	54,13	0
19	19	9	PP	44,88	-18,52	11,53	56,46	0
19	19	7	PP	45,77	-15,21	12,202	54,98	0
19	19	36	STER	0	0	0	0	36,1894
19	19	37	STER	0	0	0	0	101,7633
19	19	9	STER	0	0	0	0	107,8902
19	19	7	STER	0	0	0	0	50,9366
19	19	36	SSOVR	0	0	0	0	29,182
19	19	37	SSOVR	0	0	0	0	73,8967
19	19	9	SSOVR	0	0	0	0	75,1598
19	19	7	SSOVR	0	0	0	0	36,3399
20	20	37	PP	50,52	-21	16,166	63,68	0
20	20	38	PP	49,84	-23,18	15,69	64,63	0
20	20	11	PP	59,1	-17,1	8,883	69,25	0
20	20	9	PP	59,66	-14,8	9,19	68,27	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
20	20	37	STER	0	0	0	0	103,7701
20	20	38	STER	0	0	0	0	165,3036
20	20	11	STER	0	0	0	0	302,0828
20	20	9	STER	0	0	0	0	102,303
20	20	37	SSOVR	0	0	0	0	75,1841
20	20	38	SSOVR	0	0	0	0	116,4885
20	20	11	SSOVR	0	0	0	0	203,4914
20	20	9	SSOVR	0	0	0	0	71,54
21	21	38	PP	62,63	-19,59	13,497	74,38	0
21	21	39	PP	61,93	-22,33	13,143	75,61	0
21	21	13	PP	72,45	-17	7,843	82,28	0
21	21	11	PP	73,07	-14,18	8,047	81,1	0
21	21	38	STER	0	0	0	0	165,292
21	21	39	STER	0	0	0	0	90,9903
21	21	13	STER	0	0	0	0	89,5643
21	21	11	STER	0	0	0	0	302,0697
21	21	38	SSOVR	0	0	0	0	116,4853
21	21	39	SSOVR	0	0	0	0	68,0728
21	21	13	SSOVR	0	0	0	0	64,3993
21	21	11	SSOVR	0	0	0	0	203,485
22	22	39	PP	76,95	-19,03	11,935	88,02	0
22	22	40	PP	76,45	-21,8	11,87	89,37	0
22	22	15	PP	87,17	-16,33	6,649	96,38	0
22	22	13	PP	87,66	-13,56	6,592	95,17	0
22	22	39	STER	0	0	0	0	89,0339
22	22	40	STER	0	0	0	0	10,7632
22	22	15	STER	0	0	0	0	25,9483
22	22	13	STER	0	0	0	0	95,0045
22	22	39	SSOVR	0	0	0	0	66,798
22	22	40	SSOVR	0	0	0	0	14,9955
22	22	15	SSOVR	0	0	0	0	22,2794
22	22	13	SSOVR	0	0	0	0	67,939
23	23	40	PP	93,54	-17,94	10,621	103,68	0
23	23	41	PP	93,05	-21,29	10,703	105,32	0
23	23	17	PP	104,27	-16,12	6,416	113,19	0
23	23	15	PP	104,8	-12,81	6,235	111,75	0
23	23	40	STER	0	0	0	0	12,3604
23	23	41	STER	0	0	0	0	-22,6983
23	23	17	STER	0	0	0	0	-18,8603
23	23	15	STER	0	0	0	0	21,4677
23	23	40	SSOVR	0	0	0	0	16,047
23	23	41	SSOVR	0	0	0	0	-8,2672
23	23	17	SSOVR	0	0	0	0	-8,2406
23	23	15	SSOVR	0	0	0	0	19,3451
24	24	41	PP	112,56	-17,65	10,304	122,35	0
24	24	42	PP	112,43	-21,25	10,754	124,42	0
24	24	19	PP	123,17	-15,48	6,241	131,59	0
24	24	17	PP	123,49	-12,07	5,699	129,94	0
24	24	41	STER	0	0	0	0	-22,7891
24	24	42	STER	0	0	0	0	-33,9375
24	24	19	STER	0	0	0	0	-32,7456
24	24	17	STER	0	0	0	0	-19,2686
24	24	41	SSOVR	0	0	0	0	-8,321
24	24	42	SSOVR	0	0	0	0	-17,4734
24	24	19	SSOVR	0	0	0	0	-18,6646
24	24	17	SSOVR	0	0	0	0	-8,4726
25	25	42	PP	134,37	-17,13	10,339	143,7	0
25	25	43	PP	134,1	-21,37	10,703	145,96	0
25	25	21	PP	145,68	-15,23	6,674	153,86	0
25	25	19	PP	146,11	-11,14	6,225	151,99	0
25	25	42	STER	0	0	0	0	-33,983
25	25	43	STER	0	0	0	0	-26,0077
25	25	21	STER	0	0	0	0	-26,8282
25	25	19	STER	0	0	0	0	-32,7686
25	25	42	SSOVR	0	0	0	0	-17,6129
25	25	43	SSOVR	0	0	0	0	-13,1528
25	25	21	SSOVR	0	0	0	0	-15,5634
25	25	19	SSOVR	0	0	0	0	-18,3658

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
26	26	43	PP	158,89	-17,47	10,847	168,31	0
26	26	44	PP	159,48	-22,85	11,803	172,04	0
26	26	23	PP	170,39	-14,99	7,187	178,36	0
26	26	21	PP	170,33	-10,14	6,11	175,62	0
26	26	43	STER	0	0	0	0	-25,9204
26	26	44	STER	0	0	0	0	-8,3164
26	26	23	STER	0	0	0	0	-6,5068
26	26	21	STER	0	0	0	0	-27,0034
26	26	43	SSOVR	0	0	0	0	-12,9833
26	26	44	SSOVR	0	0	0	0	-2,4439
26	26	23	SSOVR	0	0	0	0	5,9272
26	26	21	SSOVR	0	0	0	0	-15,9921
27	27	44	PP	184,74	-18,64	11,68	194,74	0
27	27	45	PP	185,43	-22,17	12,349	197,45	0
27	27	25	PP	201,83	-12,64	8,132	208,44	0
27	27	23	PP	201,52	-9,5	7,409	206,44	0
27	27	44	STER	0	0	0	0	-8,2778
27	27	45	STER	0	0	0	0	11,1118
27	27	25	STER	0	0	0	0	6,4018
27	27	23	STER	0	0	0	0	-6,585
27	27	44	SSOVR	0	0	0	0	-2,4305
27	27	45	SSOVR	0	0	0	0	0,514
27	27	25	SSOVR	0	0	0	0	-3,5861
27	27	23	SSOVR	0	0	0	0	5,9053
28	28	45	PP	227,2	-15,83	12,382	235,51	0
28	28	46	PP	228,83	-33,33	14,049	247,18	0
28	28	27	PP	239,97	-20,29	9,053	250,73	0
28	28	25	PP	239,81	-4,27	7,02	241,98	0
28	28	45	STER	0	0	0	0	11,1547
28	28	46	STER	0	0	0	0	37,228
28	28	27	STER	0	0	0	0	28,2518
28	28	25	STER	0	0	0	0	6,3507
28	28	45	SSOVR	0	0	0	0	0,3783
28	28	46	SSOVR	0	0	0	0	8,3417
28	28	27	SSOVR	0	0	0	0	4,2336
28	28	25	SSOVR	0	0	0	0	-3,2016
29	29	46	PP	270,62	-32,74	15,594	288,39	0
29	29	47	PP	293,37	-24,49	20,643	306,35	0
29	29	29	PP	346,01	10,33	13,859	340,96	0
29	29	27	PP	329,79	-4,45	9,019	332,04	0
29	29	46	STER	0	0	0	0	38,2867
29	29	47	STER	0	0	0	0	44,8011
29	29	29	STER	0	0	0	0	27,3293
29	29	27	STER	0	0	0	0	27,4641
29	29	46	SSOVR	0	0	0	0	8,8862
29	29	47	SSOVR	0	0	0	0	16,4138
29	29	29	SSOVR	0	0	0	0	8,6521
29	29	27	SSOVR	0	0	0	0	3,6491
30	30	47	PP	330,28	-44,31	24,042	354,51	0
30	30	48	PP	303,77	26,9	18,616	291,25	0
30	30	31	PP	391,19	58,83	12,742	365,34	0
30	30	29	PP	410,87	-5,55	18,813	413,67	0
30	30	47	STER	0	0	0	0	44,2731
30	30	48	STER	0	0	0	0	37,061
30	30	31	STER	0	0	0	0	-74,8321
30	30	29	STER	0	0	0	0	21,6375
30	30	47	SSOVR	0	0	0	0	16,1405
30	30	48	SSOVR	0	0	0	0	28,016
30	30	31	SSOVR	0	0	0	0	-18,2603
30	30	29	SSOVR	0	0	0	0	6,3305
31	31	49	PP	4,1	-24,16	35,307	26,44	0
31	31	34	PP	2,36	-24,15	35,963	25,41	0
31	31	33	PP	0,97	-24,95	34,04	25,45	0
31	31	49	STER	0	0	0	0	-0,5784
31	31	34	STER	0	0	0	0	3,3731
31	31	33	STER	0	0	0	0	2,9213
31	31	49	SSOVR	0	0	0	0	3,0429
31	31	34	SSOVR	0	0	0	0	4,8395

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
31	31	33	SSOVR	0	0	0	0	4,5319
32	32	49	PP	1,29	-38,88	45,955	39,55	0
32	32	50	PP	-1,13	-51	40,176	50,45	0
32	32	35	PP	18	-35,54	27,031	47,19	0
32	32	34	PP	18,82	-21,81	28,84	35,22	0
32	32	49	STER	0	0	0	0	6,8149
32	32	50	STER	0	0	0	0	7,038
32	32	35	STER	0	0	0	0	12,0945
32	32	34	STER	0	0	0	0	1,7875
32	32	49	SSOVR	0	0	0	0	12,8549
32	32	50	SSOVR	0	0	0	0	12,9703
32	32	35	SSOVR	0	0	0	0	11,84
32	32	34	SSOVR	0	0	0	0	2,6758
33	33	50	PP	16,96	-43,98	32,837	54,47	0
33	33	51	PP	15,45	-47,92	31,523	57,23	0
33	33	36	PP	25,71	-37,7	24,032	55,24	0
33	33	35	PP	26,88	-33,43	25,008	52,33	0
33	33	50	STER	0	0	0	0	6,1147
33	33	51	STER	0	0	0	0	23,0196
33	33	36	STER	0	0	0	0	37,7274
33	33	35	STER	0	0	0	0	12,1863
33	33	50	SSOVR	0	0	0	0	11,524
33	33	51	SSOVR	0	0	0	0	25,6732
33	33	36	SSOVR	0	0	0	0	30,1631
33	33	35	SSOVR	0	0	0	0	11,9894
34	34	51	PP	24,52	-44,78	28,937	60,87	0
34	34	52	PP	23,96	-48,12	28,407	63,58	0
34	34	37	PP	38,68	-36,62	20,445	65,23	0
34	34	36	PP	39,12	-33,16	20,63	62,67	0
34	34	51	STER	0	0	0	0	22,9531
34	34	52	STER	0	0	0	0	52,7277
34	34	37	STER	0	0	0	0	101,3252
34	34	36	STER	0	0	0	0	36,1873
34	34	51	SSOVR	0	0	0	0	25,6448
34	34	52	SSOVR	0	0	0	0	46,7036
34	34	37	SSOVR	0	0	0	0	73,6096
34	34	36	SSOVR	0	0	0	0	29,1829
35	35	52	PP	35,95	-43,28	25,121	68,71	0
35	35	53	PP	34,97	-45,72	24,495	70,08	0
35	35	38	PP	50,61	-35,6	17,794	75,04	0
35	35	37	PP	51,4	-32,98	18,249	73,66	0
35	35	52	STER	0	0	0	0	53,3398
35	35	53	STER	0	0	0	0	60,247
35	35	38	STER	0	0	0	0	166,3144
35	35	37	STER	0	0	0	0	103,3319
35	35	52	SSOVR	0	0	0	0	47,1438
35	35	53	SSOVR	0	0	0	0	52,7782
35	35	38	SSOVR	0	0	0	0	117,1521
35	35	37	SSOVR	0	0	0	0	74,897
36	36	53	PP	46,23	-42,22	22,393	76,63	0
36	36	54	PP	45,91	-44,03	22,226	77,89	0
36	36	39	PP	62,88	-33,62	15,652	84,84	0
36	36	38	PP	63,16	-31,78	15,702	83,7	0
36	36	53	STER	0	0	0	0	60,2906
36	36	54	STER	0	0	0	0	40,1975
36	36	39	STER	0	0	0	0	90,543
36	36	38	STER	0	0	0	0	166,3028
36	36	53	SSOVR	0	0	0	0	52,7936
36	36	54	SSOVR	0	0	0	0	40,0098
36	36	39	SSOVR	0	0	0	0	67,7795
36	36	38	SSOVR	0	0	0	0	117,1489
37	37	54	PP	59,03	-39,81	19,983	86,13	0
37	37	55	PP	58,8	-42,28	19,947	87,93	0
37	37	40	PP	77,47	-32,59	14,393	97,92	0
37	37	39	PP	77,71	-30,13	14,311	96,37	0
37	37	54	STER	0	0	0	0	39,5592
37	37	55	STER	0	0	0	0	-3,7946
37	37	40	STER	0	0	0	0	10,781

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
37	37	39	STER	0	0	0	0	88,5866
37	37	54	SSOVR	0	0	0	0	39,5931
37	37	55	SSOVR	0	0	0	0	10,636
37	37	40	SSOVR	0	0	0	0	15,0077
37	37	39	SSOVR	0	0	0	0	66,5046
38	38	55	PP	74,58	-38,65	18,471	99,69	0
38	38	56	PP	75,09	-40,87	18,898	101,88	0
38	38	41	PP	94,66	-30,55	13,501	113,07	0
38	38	40	PP	94,33	-28,51	12,995	111,36	0
38	38	55	STER	0	0	0	0	-4,0374
38	38	56	STER	0	0	0	0	-31,4938
38	38	41	STER	0	0	0	0	-22,7169
38	38	40	STER	0	0	0	0	12,3783
38	38	55	SSOVR	0	0	0	0	10,4761
38	38	56	SSOVR	0	0	0	0	-9,175
38	38	41	SSOVR	0	0	0	0	-8,2796
38	38	40	SSOVR	0	0	0	0	16,0592
39	39	56	PP	91,96	-37,23	17,699	115,18	0
39	39	57	PP	92,89	-39,93	18,351	118,04	0
39	39	42	PP	114,71	-29,23	13,535	131,78	0
39	39	41	PP	114,06	-26,8	12,82	129,55	0
39	39	56	STER	0	0	0	0	-31,3304
39	39	57	STER	0	0	0	0	-38,0185
39	39	42	STER	0	0	0	0	-33,9393
39	39	41	STER	0	0	0	0	-22,8077
39	39	56	SSOVR	0	0	0	0	-9,0768
39	39	57	SSOVR	0	0	0	0	-16,0817
39	39	42	SSOVR	0	0	0	0	-17,4723
39	39	41	SSOVR	0	0	0	0	-8,3334
40	40	57	PP	112,34	-37,09	17,85	134,77	0
40	40	58	PP	114,31	-40,22	18,891	138,86	0
40	40	43	PP	137,96	-27,59	13,949	153,63	0
40	40	42	PP	136,51	-24,98	12,841	150,56	0
40	40	57	STER	0	0	0	0	-37,9852
40	40	58	STER	0	0	0	0	-27,5032
40	40	43	STER	0	0	0	0	-26,0269
40	40	42	STER	0	0	0	0	-33,9848
40	40	57	SSOVR	0	0	0	0	-16,0423
40	40	58	SSOVR	0	0	0	0	-12,8924
40	40	43	SSOVR	0	0	0	0	-13,1933
40	40	42	SSOVR	0	0	0	0	-17,6118
41	41	58	PP	133,75	-37,87	18,611	156,16	0
41	41	59	PP	136,26	-40,51	19,664	160,4	0
41	41	44	PP	164,68	-25,74	14,812	178,94	0
41	41	43	PP	162,74	-23,68	13,721	175,78	0
41	41	58	STER	0	0	0	0	-27,4583
41	41	59	STER	0	0	0	0	-8,1026
41	41	44	STER	0	0	0	0	-8,2799
41	41	43	STER	0	0	0	0	-25,9395
41	41	58	SSOVR	0	0	0	0	-12,8235
41	41	59	SSOVR	0	0	0	0	-5,7548
41	41	44	SSOVR	0	0	0	0	-2,354
41	41	43	SSOVR	0	0	0	0	-13,0238
42	42	59	PP	156,41	-38,27	19,413	178,65	0
42	42	60	PP	161,38	-44,28	21,1	187,49	0
42	42	45	PP	193,73	-26,36	16,188	208,16	0
42	42	44	PP	189,85	-21,44	14,395	201,43	0
42	42	59	STER	0	0	0	0	-8,0785
42	42	60	STER	0	0	0	0	18,0682
42	42	45	STER	0	0	0	0	11,0908
42	42	44	STER	0	0	0	0	-8,2413
42	42	59	SSOVR	0	0	0	0	-5,7446
42	42	60	SSOVR	0	0	0	0	3,4532
42	42	45	SSOVR	0	0	0	0	0,4737
42	42	44	SSOVR	0	0	0	0	-2,3406
43	43	60	PP	183,65	-45,64	21,754	210,22	0
43	43	61	PP	194,34	-46,94	24,226	221,57	0
43	43	46	PP	243,8	-18,93	18,163	253,8	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
43	43	45	PP	235,37	-19,9	15,689	245,93	0
43	43	60	STER	0	0	0	0	18,2063
43	43	61	STER	0	0	0	0	57,2766
43	43	46	STER	0	0	0	0	37,2953
43	43	45	STER	0	0	0	0	11,1337
43	43	60	SSOVR	0	0	0	0	3,459
43	43	61	SSOVR	0	0	0	0	18,2738
43	43	46	SSOVR	0	0	0	0	8,372
43	43	45	SSOVR	0	0	0	0	0,3379
44	44	61	PP	210,03	-50,1	24,832	239,05	0
44	44	62	PP	231,8	-39,93	28,614	254,12	0
44	44	47	PP	304,49	-5,29	22,553	307,16	0
44	44	46	PP	286,43	-19,16	19,133	296,47	0
44	44	61	STER	0	0	0	0	57,1883
44	44	62	STER	0	0	0	0	100,139
44	44	47	STER	0	0	0	0	44,7649
44	44	46	STER	0	0	0	0	38,354
44	44	61	SSOVR	0	0	0	0	18,2106
44	44	62	SSOVR	0	0	0	0	39,7967
44	44	47	SSOVR	0	0	0	0	16,3916
44	44	46	SSOVR	0	0	0	0	8,9165
45	45	62	PP	261,55	-63,33	31,12	298,3	0
45	45	63	PP	215,64	-3,05	24,801	217,18	0
45	45	48	PP	303,77	26,9	18,616	291,25	0
45	45	47	PP	342,61	-26,33	25,715	356,51	0
45	45	62	STER	0	0	0	0	99,1997
45	45	63	STER	0	0	0	0	173,805
45	45	48	STER	0	0	0	0	37,061
45	45	47	STER	0	0	0	0	44,2369
45	45	62	SSOVR	0	0	0	0	39,3724
45	45	63	SSOVR	0	0	0	0	83,3366
45	45	48	SSOVR	0	0	0	0	28,016
45	45	47	SSOVR	0	0	0	0	16,1182
46	46	64	PP	5,51	-62,48	42,156	65,41	0
46	46	50	PP	5,86	-57,39	40,281	60,53	0
46	46	49	PP	4,21	-63,64	38,338	65,85	0
46	46	64	STER	0	0	0	0	-3,539
46	46	50	STER	0	0	0	0	7,3716
46	46	49	STER	0	0	0	0	5,387
46	46	64	SSOVR	0	0	0	0	9,4904
46	46	50	SSOVR	0	0	0	0	13,3452
46	46	49	SSOVR	0	0	0	0	11,0562
47	47	64	PP	-0,99	-74,53	45,825	74,04	0
47	47	65	PP	-2,7	-85,37	42,834	84,05	0
47	47	51	PP	18,44	-61,84	31,671	72,84	0
47	47	50	PP	18,89	-49,75	33,119	61,41	0
47	47	64	STER	0	0	0	0	1,5576
47	47	65	STER	0	0	0	0	0,5046
47	47	51	STER	0	0	0	0	22,9349
47	47	50	STER	0	0	0	0	6,4484
47	47	64	SSOVR	0	0	0	0	16,3761
47	47	65	SSOVR	0	0	0	0	15,9775
47	47	51	SSOVR	0	0	0	0	25,5797
47	47	50	SSOVR	0	0	0	0	11,8989
48	48	65	PP	16,5	-74,88	36,721	84,35	0
48	48	66	PP	14,29	-78,66	35,573	86,69	0
48	48	52	PP	25,68	-62,88	28,533	78,92	0
48	48	51	PP	27,46	-58,67	29,581	76,21	0
48	48	65	STER	0	0	0	0	1,8514
48	48	66	STER	0	0	0	0	5,5682
48	48	52	STER	0	0	0	0	53,0712
48	48	51	STER	0	0	0	0	22,8684
48	48	65	SSOVR	0	0	0	0	16,3614
48	48	66	SSOVR	0	0	0	0	21,6418
48	48	52	SSOVR	0	0	0	0	46,938
48	48	51	SSOVR	0	0	0	0	25,5513
49	49	66	PP	22,84	-74,88	33,475	88,54	0
49	49	67	PP	22,94	-77,29	33,301	90,95	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
49	49	53	PP	37,74	-60,42	25,824	85,76	0
49	49	52	PP	37,6	-57,98	25,802	83,4	0
49	49	66	STER	0	0	0	0	5,6241
49	49	67	STER	0	0	0	0	4,5404
49	49	53	STER	0	0	0	0	59,7425
49	49	52	STER	0	0	0	0	53,6833
49	49	66	SSOVR	0	0	0	0	21,615
49	49	67	SSOVR	0	0	0	0	21,9118
49	49	53	SSOVR	0	0	0	0	52,4426
49	49	52	SSOVR	0	0	0	0	47,3781
50	50	67	PP	33,73	-71,94	30,707	93,48	0
50	50	68	PP	33,38	-74	30,469	95,18	0
50	50	54	PP	48,57	-58,91	23,846	93,22	0
50	50	53	PP	48,84	-56,77	23,97	91,54	0
50	50	67	STER	0	0	0	0	4,4447
50	50	68	STER	0	0	0	0	-7,2568
50	50	54	STER	0	0	0	0	40,5614
50	50	53	STER	0	0	0	0	59,7861
50	50	67	SSOVR	0	0	0	0	21,8835
50	50	68	SSOVR	0	0	0	0	14,7264
50	50	54	SSOVR	0	0	0	0	40,2472
50	50	53	SSOVR	0	0	0	0	52,4581
51	51	68	PP	44,92	-69,8	28,449	100,13	0
51	51	69	PP	45,92	-71,03	28,757	102,05	0
51	51	55	PP	62,28	-55,52	22,239	102,08	0
51	51	54	PP	61,46	-54,46	21,817	100,45	0
51	51	68	STER	0	0	0	0	-7,3185
51	51	69	STER	0	0	0	0	-27,7034
51	51	55	STER	0	0	0	0	-3,858
51	51	54	STER	0	0	0	0	39,9231
51	51	68	SSOVR	0	0	0	0	14,6698
51	51	69	SSOVR	0	0	0	0	0,7478
51	51	55	SSOVR	0	0	0	0	10,5917
51	51	54	SSOVR	0	0	0	0	39,8305
52	52	69	PP	58,81	-66,78	26,88	108,83	0
52	52	70	PP	60,55	-67,94	27,458	111,34	0
52	52	56	PP	79,27	-52,51	21,424	114,9	0
52	52	55	PP	77,82	-51,65	20,74	112,89	0
52	52	69	STER	0	0	0	0	-27,9542
52	52	70	STER	0	0	0	0	-43,1421
52	52	56	STER	0	0	0	0	-31,4975
52	52	55	STER	0	0	0	0	-4,1007
52	52	69	SSOVR	0	0	0	0	0,5828
52	52	70	SSOVR	0	0	0	0	-11,3791
52	52	56	SSOVR	0	0	0	0	-9,1801
52	52	55	SSOVR	0	0	0	0	10,4318
53	53	70	PP	74,84	-65,12	26,237	121,31	0
53	53	71	PP	78,32	-66,25	27,315	125,35	0
53	53	57	PP	98,76	-49,14	21,342	130,46	0
53	53	56	PP	95,89	-48,62	20,127	127,36	0
53	53	70	STER	0	0	0	0	-43,1503
53	53	71	STER	0	0	0	0	-44,2141
53	53	57	STER	0	0	0	0	-38,021
53	53	56	STER	0	0	0	0	-31,334
53	53	70	SSOVR	0	0	0	0	-11,3823
53	53	71	SSOVR	0	0	0	0	-15,7824
53	53	57	SSOVR	0	0	0	0	-16,09
53	53	56	SSOVR	0	0	0	0	-9,082
54	54	71	PP	93,12	-64,29	26,47	137,08	0
54	54	72	PP	97,62	-65,18	27,698	141,92	0
54	54	58	PP	121,8	-46,28	21,933	150,37	0
54	54	57	PP	118,05	-46,13	20,586	146,66	0
54	54	71	STER	0	0	0	0	-44,1568
54	54	72	STER	0	0	0	0	-29,8318
54	54	58	STER	0	0	0	0	-27,4856
54	54	57	STER	0	0	0	0	-37,9876
54	54	71	SSOVR	0	0	0	0	-15,7289
54	54	72	SSOVR	0	0	0	0	-12,3424

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Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
54	54	58	SSOVR	0	0	0	0	-12,8592
54	54	57	SSOVR	0	0	0	0	-16,0506
55	55	72	PP	112,3	-64,71	27,296	155,13	0
55	55	73	PP	118,6	-66,41	28,735	162,34	0
55	55	59	PP	146,41	-44,51	22,998	173,02	0
55	55	58	PP	141,11	-43,8	21,394	167,36	0
55	55	72	STER	0	0	0	0	-29,7978
55	55	73	STER	0	0	0	0	-6,1274
55	55	59	STER	0	0	0	0	-8,1135
55	55	58	STER	0	0	0	0	-27,4406
55	55	72	SSOVR	0	0	0	0	-12,313
55	55	73	SSOVR	0	0	0	0	-4,2859
55	55	59	SSOVR	0	0	0	0	-5,7977
55	55	58	SSOVR	0	0	0	0	-12,7903
56	56	73	PP	131,16	-67,22	28,625	174,75	0
56	56	74	PP	140,97	-68,67	30,482	185,11	0
56	56	60	PP	174,71	-42,06	24,54	199,1	0
56	56	59	PP	166,42	-42,12	22,48	190,99	0
56	56	73	STER	0	0	0	0	-6,0988
56	56	74	STER	0	0	0	0	27,1413
56	56	60	STER	0	0	0	0	18,0936
56	56	59	STER	0	0	0	0	-8,0893
56	56	73	SSOVR	0	0	0	0	-4,2729
56	56	74	SSOVR	0	0	0	0	7,8531
56	56	60	SSOVR	0	0	0	0	3,4893
56	56	59	SSOVR	0	0	0	0	-5,7875
57	57	74	PP	153,26	-72,41	30,782	199,57	0
57	57	75	PP	165,64	-66,53	32,884	207,08	0
57	57	61	PP	207,75	-35,94	26,925	227,86	0
57	57	60	PP	197,18	-43,62	24,822	222,23	0
57	57	74	STER	0	0	0	0	27,1949
57	57	75	STER	0	0	0	0	83,6155
57	57	61	STER	0	0	0	0	57,2565
57	57	60	STER	0	0	0	0	18,2317
57	57	74	SSOVR	0	0	0	0	7,8625
57	57	75	SSOVR	0	0	0	0	30,2525
57	57	61	SSOVR	0	0	0	0	18,2592
57	57	60	SSOVR	0	0	0	0	3,4951
58	58	75	PP	173,04	-68,97	32,979	215,95	0
58	58	76	PP	192,75	-68,24	35,501	234,44	0
58	58	62	PP	241,04	-36,26	30,021	261,06	0
58	58	61	PP	223,64	-39,3	27,329	245,66	0
58	58	75	STER	0	0	0	0	83,5047
58	58	76	STER	0	0	0	0	159,5312
58	58	62	STER	0	0	0	0	100,0643
58	58	61	STER	0	0	0	0	57,1681
58	58	75	SSOVR	0	0	0	0	30,1678
58	58	76	SSOVR	0	0	0	0	64,1209
58	58	62	SSOVR	0	0	0	0	39,7623
58	58	61	SSOVR	0	0	0	0	18,196
59	59	76	PP	224,05	-95,91	37,076	284,4	0
59	59	77	PP	162,42	-32,83	31,868	181,08	0
59	59	63	PP	215,64	-3,05	24,801	217,18	0
59	59	62	PP	271,34	-60,2	32,252	305,91	0
59	59	76	STER	0	0	0	0	159,1574
59	59	77	STER	0	0	0	0	282,2674
59	59	63	STER	0	0	0	0	173,805
59	59	62	STER	0	0	0	0	99,125
59	59	76	SSOVR	0	0	0	0	63,9091
59	59	77	SSOVR	0	0	0	0	124,8327
59	59	63	SSOVR	0	0	0	0	83,3366
59	59	62	SSOVR	0	0	0	0	39,3381
60	60	78	PP	5,41	-101,89	44,084	104,71	0
60	60	65	PP	6,63	-93,63	42,21	97,11	0
60	60	64	PP	4,64	-102,85	40,391	105,25	0
60	60	78	STER	0	0	0	0	-24,0659
60	60	65	STER	0	0	0	0	1,0778
60	60	64	STER	0	0	0	0	-0,035

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
60	60	78	SSOVR	0	0	0	0	4,8845
60	60	65	SSOVR	0	0	0	0	16,4301
60	60	64	SSOVR	0	0	0	0	14,7878
61	61	78	PP	-2,21	-110,7	45,672	109,61	0
61	61	79	PP	-3,11	-119,64	44,012	118,12	0
61	61	66	PP	17,97	-92,01	35,311	102,19	0
61	61	65	PP	18,05	-82,26	36,321	92,62	0
61	61	78	STER	0	0	0	0	-24,6286
61	61	79	STER	0	0	0	0	-27,7461
61	61	66	STER	0	0	0	0	5,5144
61	61	65	STER	0	0	0	0	2,4245
61	61	78	SSOVR	0	0	0	0	6,262
61	61	79	SSOVR	0	0	0	0	4,7505
61	61	66	SSOVR	0	0	0	0	21,5748
61	61	65	SSOVR	0	0	0	0	16,814
62	62	79	PP	15,32	-107,25	39,217	115,67	0
62	62	80	PP	13,28	-109,83	38,508	117,03	0
62	62	67	PP	24,78	-91,12	32,822	105,71	0
62	62	66	PP	26,53	-88,25	33,536	104,08	0
62	62	79	STER	0	0	0	0	-26,7441
62	62	80	STER	0	0	0	0	-34,1408
62	62	67	STER	0	0	0	0	4,4507
62	62	66	STER	0	0	0	0	5,5703
62	62	79	SSOVR	0	0	0	0	5,3663
62	62	80	SSOVR	0	0	0	0	2,3224
62	62	67	SSOVR	0	0	0	0	21,8609
62	62	66	SSOVR	0	0	0	0	21,548
63	63	80	PP	20,57	-105,61	36,871	117,26	0
63	63	81	PP	21,36	-106,98	36,922	119,11	0
63	63	68	PP	36,35	-87,14	30,746	109,92	0
63	63	67	PP	35,61	-85,82	30,586	108,12	0
63	63	80	STER	0	0	0	0	-33,9553
63	63	81	STER	0	0	0	0	-41,2421
63	63	68	STER	0	0	0	0	-7,2483
63	63	67	STER	0	0	0	0	4,355
63	63	80	SSOVR	0	0	0	0	2,3461
63	63	81	SSOVR	0	0	0	0	-1,8813
63	63	68	SSOVR	0	0	0	0	14,7256
63	63	67	SSOVR	0	0	0	0	21,8326
64	64	81	PP	31,63	-101,31	34,798	120,28	0
64	64	82	PP	33,03	-101,75	35,089	121,67	0
64	64	69	PP	49,09	-83,17	29,329	115,8	0
64	64	68	PP	47,84	-82,88	28,958	114,56	0
64	64	81	STER	0	0	0	0	-41,3906
64	64	82	STER	0	0	0	0	-51,1222
64	64	69	STER	0	0	0	0	-27,6363
64	64	68	STER	0	0	0	0	-7,31
64	64	81	SSOVR	0	0	0	0	-1,9457
64	64	82	SSOVR	0	0	0	0	-8,9173
64	64	69	SSOVR	0	0	0	0	0,7893
64	64	68	SSOVR	0	0	0	0	14,669
65	65	82	PP	43,96	-97,79	33,445	125,67	0
65	65	83	PP	47,71	-97,29	34,321	128	0
65	65	70	PP	65,16	-77,86	28,619	124,02	0
65	65	69	PP	61,88	-78,82	27,62	122,15	0
65	65	82	STER	0	0	0	0	-51,2229
65	65	83	STER	0	0	0	0	-56,3115
65	65	70	STER	0	0	0	0	-43,1252
65	65	69	STER	0	0	0	0	-27,887
65	65	82	SSOVR	0	0	0	0	-8,9909
65	65	83	SSOVR	0	0	0	0	-14,6569
65	65	70	SSOVR	0	0	0	0	-11,3712
65	65	69	SSOVR	0	0	0	0	0,6243
66	66	83	PP	58,44	-94,2	33,012	133,4	0
66	66	84	PP	63,66	-93,49	34,158	136,91	0
66	66	71	PP	83,91	-73,57	28,702	136,48	0
66	66	70	PP	79,32	-74,92	27,426	133,6	0
66	66	83	STER	0	0	0	0	-56,3889

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
66	66	84	STER	0	0	0	0	-50,9277
66	66	71	STER	0	0	0	0	-44,2044
66	66	70	STER	0	0	0	0	-43,1334
66	66	83	SSOVR	0	0	0	0	-14,7011
66	66	84	SSOVR	0	0	0	0	-15,7379
66	66	71	SSOVR	0	0	0	0	-15,7753
66	66	70	SSOVR	0	0	0	0	-11,3743
67	67	84	PP	74,98	-92,73	33,392	145,51	0
67	67	85	PP	82,23	-91,45	34,82	150,48	0
67	67	72	PP	104,99	-69,35	29,396	152,03	0
67	67	71	PP	98,6	-71,5	27,817	147,93	0
67	67	84	STER	0	0	0	0	-50,9405
67	67	85	STER	0	0	0	0	-31,5791
67	67	72	STER	0	0	0	0	-29,8254
67	67	71	STER	0	0	0	0	-44,147
67	67	84	SSOVR	0	0	0	0	-15,7338
67	67	85	SSOVR	0	0	0	0	-10,5574
67	67	72	SSOVR	0	0	0	0	-12,3416
67	67	71	SSOVR	0	0	0	0	-15,7218
68	68	85	PP	92	-91,99	34,393	159,34	0
68	68	86	PP	100,71	-91,26	35,848	166,31	0
68	68	73	PP	127,32	-67,1	30,52	171,04	0
68	68	72	PP	119,58	-68,8	28,892	165,11	0
68	68	85	STER	0	0	0	0	-31,5821
68	68	86	STER	0	0	0	0	-2,6928
68	68	73	STER	0	0	0	0	-6,1264
68	68	72	STER	0	0	0	0	-29,7914
68	68	85	SSOVR	0	0	0	0	-10,5499
68	68	86	SSOVR	0	0	0	0	-0,8154
68	68	73	SSOVR	0	0	0	0	-4,2927
68	68	72	SSOVR	0	0	0	0	-12,3123
69	69	86	PP	108,49	-93,21	35,724	174,84	0
69	69	87	PP	119,08	-91,56	37,29	182,94	0
69	69	74	PP	149,32	-65,1	32,028	190,41	0
69	69	73	PP	139,84	-67,87	30,3	183,45	0
69	69	86	STER	0	0	0	0	-2,6958
69	69	87	STER	0	0	0	0	38,4629
69	69	74	STER	0	0	0	0	27,1395
69	69	73	STER	0	0	0	0	-6,0978
69	69	86	SSOVR	0	0	0	0	-0,8153
69	69	87	SSOVR	0	0	0	0	14,1764
69	69	74	SSOVR	0	0	0	0	7,8509
69	69	73	SSOVR	0	0	0	0	-4,2798
70	70	87	PP	126,76	-95,48	37,367	193,1	0
70	70	88	PP	139,18	-90,49	39,107	200,39	0
70	70	75	PP	172,8	-62,62	34,037	211,19	0
70	70	74	PP	161,66	-68,89	32,214	204,98	0
70	70	87	STER	0	0	0	0	38,4247
70	70	88	STER	0	0	0	0	112,0049
70	70	75	STER	0	0	0	0	83,5821
70	70	74	STER	0	0	0	0	27,1932
70	70	87	SSOVR	0	0	0	0	14,1531
70	70	88	SSOVR	0	0	0	0	42,7878
70	70	75	SSOVR	0	0	0	0	30,2419
70	70	74	SSOVR	0	0	0	0	7,8604
71	71	88	PP	143,24	-92,74	39,117	205,91	0
71	71	89	PP	159,89	-96,1	40,589	223,98	0
71	71	76	PP	195,65	-67,22	35,872	236,54	0
71	71	75	PP	180,21	-65,07	34,085	220,08	0
71	71	88	STER	0	0	0	0	111,8421
71	71	89	STER	0	0	0	0	214,8035
71	71	76	STER	0	0	0	0	159,511
71	71	75	STER	0	0	0	0	83,4712
71	71	88	SSOVR	0	0	0	0	42,6955
71	71	89	SSOVR	0	0	0	0	85,6994
71	71	76	SSOVR	0	0	0	0	64,112
71	71	75	SSOVR	0	0	0	0	30,1572
72	72	89	PP	192,02	-124,96	41,244	276,55	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
72	72	90	PP	124,2	-59,59	38,223	162,41	0
72	72	77	PP	162,42	-32,83	31,868	181,08	0
72	72	76	PP	227,04	-94,99	37,37	286,59	0
72	72	89	STER	0	0	0	0	214,4882
72	72	90	STER	0	0	0	0	374,9744
72	72	77	STER	0	0	0	0	282,2674
72	72	76	STER	0	0	0	0	159,1372
72	72	89	SSOVR	0	0	0	0	85,5144
72	72	90	SSOVR	0	0	0	0	157,3752
72	72	77	SSOVR	0	0	0	0	124,8327
72	72	76	SSOVR	0	0	0	0	63,9002
73	73	91	PP	5,37	-139,85	44,727	142,61	0
73	73	79	PP	7,53	-130,26	43,081	134,18	0
73	73	78	PP	5,99	-140,31	41,674	143,4	0
73	73	91	STER	0	0	0	0	-55,0579
73	73	79	STER	0	0	0	0	-27,3042
73	73	78	STER	0	0	0	0	-25,6363
73	73	91	SSOVR	0	0	0	0	-7,3255
73	73	79	SSOVR	0	0	0	0	5,0269
73	73	78	SSOVR	0	0	0	0	5,4705
74	74	91	PP	-3,24	-147,13	45,807	145,54	0
74	74	92	PP	-3,78	-153,27	44,923	151,42	0
74	74	80	PP	17,12	-123,48	37,962	132,88	0
74	74	79	PP	17,2	-116,87	38,591	126,35	0
74	74	91	STER	0	0	0	0	-55,4359
74	74	92	STER	0	0	0	0	-58,2879
74	74	80	STER	0	0	0	0	-34,1902
74	74	79	STER	0	0	0	0	-26,3022
74	74	91	SSOVR	0	0	0	0	-8,0676
74	74	92	SSOVR	0	0	0	0	-9,2286
74	74	80	SSOVR	0	0	0	0	2,2696
74	74	79	SSOVR	0	0	0	0	5,6427
75	75	92	PP	11,61	-140,73	41,413	146,88	0
75	75	93	PP	10,6	-141,39	41,193	146,97	0
75	75	81	PP	23,56	-120,09	36,296	133,44	0
75	75	80	PP	24,47	-119,33	36,537	133,26	0
75	75	92	STER	0	0	0	0	-58,3387
75	75	93	STER	0	0	0	0	-64,7088
75	75	81	STER	0	0	0	0	-41,2587
75	75	80	STER	0	0	0	0	-34,0046
75	75	92	SSOVR	0	0	0	0	-8,9998
75	75	93	SSOVR	0	0	0	0	-12,3476
75	75	81	SSOVR	0	0	0	0	-1,8875
75	75	80	SSOVR	0	0	0	0	2,2933
76	76	93	PP	17,96	-136,01	39,642	145,82	0
76	76	94	PP	21,1	-135,27	40,206	146,96	0
76	76	82	PP	36,76	-113,46	35,071	135,63	0
76	76	81	PP	33,91	-114,49	34,412	134,69	0
76	76	93	STER	0	0	0	0	-64,2123
76	76	94	STER	0	0	0	0	-68,1834
76	76	82	STER	0	0	0	0	-51,0908
76	76	81	STER	0	0	0	0	-41,4072
76	76	93	SSOVR	0	0	0	0	-12,1988
76	76	94	SSOVR	0	0	0	0	-15,2721
76	76	82	SSOVR	0	0	0	0	-8,9039
76	76	81	SSOVR	0	0	0	0	-1,9519
77	77	94	PP	30,37	-129,59	38,495	147,14	0
77	77	95	PP	34,69	-127,52	39,357	147,95	0
77	77	83	PP	51,58	-106,99	34,526	140,09	0
77	77	82	PP	47,68	-109,49	33,589	139,58	0
77	77	94	STER	0	0	0	0	-68,4025
77	77	95	STER	0	0	0	0	-66,8238
77	77	83	STER	0	0	0	0	-56,2855
77	77	82	STER	0	0	0	0	-51,1916
77	77	94	SSOVR	0	0	0	0	-15,3694
77	77	95	SSOVR	0	0	0	0	-16,9079
77	77	83	SSOVR	0	0	0	0	-14,6419
77	77	82	SSOVR	0	0	0	0	-8,9775

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
78	78	95	PP	43,33	-125,06	38,279	151,44	0
78	78	96	PP	50,51	-122,25	39,582	153,86	0
78	78	84	PP	68,78	-100,37	34,749	147,33	0
78	78	83	PP	62,28	-103,87	33,315	145,38	0
78	78	95	STER	0	0	0	0	-66,8838
78	78	96	STER	0	0	0	0	-55,9474
78	78	84	STER	0	0	0	0	-50,9107
78	78	83	STER	0	0	0	0	-56,363
78	78	95	SSOVR	0	0	0	0	-16,9423
78	78	96	SSOVR	0	0	0	0	-14,9402
78	78	84	SSOVR	0	0	0	0	-15,73
78	78	83	SSOVR	0	0	0	0	-14,6861
79	79	96	PP	58,35	-121,08	38,808	158,52	0
79	79	97	PP	67,18	-117,89	40,262	162,26	0
79	79	85	PP	88,07	-95,57	35,585	159,08	0
79	79	84	PP	80,04	-99,56	33,999	155,85	0
79	79	96	STER	0	0	0	0	-55,9806
79	79	97	STER	0	0	0	0	-31,6464
79	79	85	STER	0	0	0	0	-31,5717
79	79	84	STER	0	0	0	0	-50,9234
79	79	96	SSOVR	0	0	0	0	-14,9536
79	79	97	SSOVR	0	0	0	0	-7,6118
79	79	85	SSOVR	0	0	0	0	-10,5568
79	79	84	SSOVR	0	0	0	0	-15,7259
80	80	97	PP	74,02	-119,29	39,921	168,94	0
80	80	98	PP	83,62	-116,36	41,301	173,96	0
80	80	86	PP	106,58	-92,33	36,661	172,4	0
80	80	85	PP	97,81	-96,07	35,139	167,91	0
80	80	97	STER	0	0	0	0	-31,7038
80	80	98	STER	0	0	0	0	2,3043
80	80	86	STER	0	0	0	0	-2,6918
80	80	85	STER	0	0	0	0	-31,5748
80	80	97	SSOVR	0	0	0	0	-7,6309
80	80	98	SSOVR	0	0	0	0	3,9424
80	80	86	SSOVR	0	0	0	0	-0,818
80	80	85	SSOVR	0	0	0	0	-10,5492
81	81	98	PP	88,57	-118,23	41,136	179,7	0
81	81	99	PP	99,66	-116,08	42,476	187,02	0
81	81	87	PP	124,6	-91,28	38,011	187,7	0
81	81	86	PP	114,35	-94,27	36,503	180,94	0
81	81	98	STER	0	0	0	0	2,2749
81	81	99	STER	0	0	0	0	50,7634
81	81	87	STER	0	0	0	0	38,4545
81	81	86	STER	0	0	0	0	-2,6949
81	81	98	SSOVR	0	0	0	0	3,9311
81	81	99	SSOVR	0	0	0	0	21,3687
81	81	87	SSOVR	0	0	0	0	14,1705
81	81	86	SSOVR	0	0	0	0	-0,8178
82	82	99	PP	104,89	-120,34	42,499	195,21	0
82	82	100	PP	116,16	-115,53	43,897	200,65	0
82	82	88	PP	142,66	-89,51	39,546	202,82	0
82	82	87	PP	132,28	-95,2	38,05	197,88	0
82	82	99	STER	0	0	0	0	50,6775
82	82	100	STER	0	0	0	0	138,8502
82	82	88	STER	0	0	0	0	111,985
82	82	87	STER	0	0	0	0	38,4163
82	82	99	SSOVR	0	0	0	0	21,3281
82	82	100	SSOVR	0	0	0	0	54,5271
82	82	88	SSOVR	0	0	0	0	42,7799
82	82	87	SSOVR	0	0	0	0	14,1472
83	83	100	PP	118,75	-117,41	43,86	204,52	0
83	83	101	PP	134,53	-123,71	44,658	223,71	0
83	83	89	PP	161,88	-97,45	40,695	226,89	0
83	83	88	PP	146,72	-91,76	39,544	208,35	0
83	83	100	STER	0	0	0	0	138,6922
83	83	101	STER	0	0	0	0	263,1621
83	83	89	STER	0	0	0	0	214,7937
83	83	88	STER	0	0	0	0	111,8222

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
83	83	100	SSOVR	0	0	0	0	54,4475
83	83	101	SSOVR	0	0	0	0	103,4729
83	83	89	SSOVR	0	0	0	0	85,6978
83	83	88	SSOVR	0	0	0	0	42,6877
84	84	101	PP	168,24	-154,43	44,55	279,53	0
84	84	102	PP	97,23	-86,52	43,887	159,23	0
84	84	90	PP	124,2	-59,59	38,223	162,41	0
84	84	89	PP	194,02	-126,31	41,323	279,47	0
84	84	101	STER	0	0	0	0	262,8784
84	84	102	STER	0	0	0	0	454,819
84	84	90	STER	0	0	0	0	374,9744
84	84	89	STER	0	0	0	0	214,4784
84	84	101	SSOVR	0	0	0	0	103,3195
84	84	102	SSOVR	0	0	0	0	182,3951
84	84	90	SSOVR	0	0	0	0	157,3752
84	84	89	SSOVR	0	0	0	0	85,5127
85	85	103	PP	6	-175,76	45,195	178,83	0
85	85	92	PP	6,94	-165,33	43,945	168,9	0
85	85	91	PP	3,82	-176,61	42,464	178,55	0
85	85	103	STER	0	0	0	0	-75,2097
85	85	92	STER	0	0	0	0	-57,9588
85	85	91	STER	0	0	0	0	-56,5476
85	85	103	SSOVR	0	0	0	0	-15,6903
85	85	92	SSOVR	0	0	0	0	-9,1184
85	85	91	SSOVR	0	0	0	0	-8,4272
86	86	103	PP	-3,15	-178,47	45,448	176,92	0
86	86	104	PP	-1,92	-180,72	45,331	179,77	0
86	86	93	PP	13,93	-153,99	40,491	161,4	0
86	86	92	PP	12,65	-151,7	40,512	158,41	0
86	86	103	STER	0	0	0	0	-72,8656
86	86	104	STER	0	0	0	0	-73,9336
86	86	93	STER	0	0	0	0	-64,7705
86	86	92	STER	0	0	0	0	-58,0096
86	86	103	SSOVR	0	0	0	0	-16,088
86	86	104	SSOVR	0	0	0	0	-16,278
86	86	93	SSOVR	0	0	0	0	-12,3813
86	86	92	SSOVR	0	0	0	0	-8,8896
87	87	104	PP	12,6	-168	42,443	174,64	0
87	87	105	PP	13,78	-165,45	42,822	172,75	0
87	87	94	PP	22,42	-146,02	39,467	158,43	0
87	87	93	PP	21,38	-148,7	39,095	160,46	0
87	87	104	STER	0	0	0	0	-75,5665
87	87	105	STER	0	0	0	0	-76,2805
87	87	94	STER	0	0	0	0	-68,187
87	87	93	STER	0	0	0	0	-64,2739
87	87	104	SSOVR	0	0	0	0	-16,6216
87	87	105	SSOVR	0	0	0	0	-17,7073
87	87	94	SSOVR	0	0	0	0	-15,2725
87	87	93	SSOVR	0	0	0	0	-12,2325
88	88	105	PP	19,7	-160,47	41,672	171,17	0
88	88	106	PP	25,92	-156,67	42,769	171,11	0
88	88	95	PP	37,56	-136,19	39,085	158,35	0
88	88	94	PP	31,8	-140,45	37,893	158,76	0
88	88	105	STER	0	0	0	0	-75,6032
88	88	106	STER	0	0	0	0	-71,2739
88	88	95	STER	0	0	0	0	-66,8156
88	88	94	STER	0	0	0	0	-68,4061
88	88	105	SSOVR	0	0	0	0	-17,5117
88	88	106	SSOVR	0	0	0	0	-16,9511
88	88	95	SSOVR	0	0	0	0	-16,9051
88	88	94	SSOVR	0	0	0	0	-15,3698
89	89	106	PP	33,08	-151,78	41,545	170,75	0
89	89	107	PP	40,56	-147,45	42,808	171,37	0
89	89	96	PP	53,19	-128,93	39,437	162,2	0
89	89	95	PP	46,22	-133,76	38,086	161,89	0
89	89	106	STER	0	0	0	0	-71,4428
89	89	107	STER	0	0	0	0	-56,8942
89	89	96	STER	0	0	0	0	-55,9426

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
89	89	95	STER	0	0	0	0	-66,8757
89	89	106	SSOVR	0	0	0	0	-17,0119
89	89	107	SSOVR	0	0	0	0	-12,9633
89	89	96	SSOVR	0	0	0	0	-14,9374
89	89	95	SSOVR	0	0	0	0	-16,9394
90	90	107	PP	46,32	-146,86	42,236	174,69	0
90	90	108	PP	56,17	-141,36	43,786	176,29	0
90	90	97	PP	70,24	-121,61	40,364	168,12	0
90	90	96	PP	61,04	-127,77	38,706	166,88	0
90	90	107	STER	0	0	0	0	-56,9722
90	90	108	STER	0	0	0	0	-29,5029
90	90	97	STER	0	0	0	0	-31,6437
90	90	96	STER	0	0	0	0	-55,9758
90	90	107	SSOVR	0	0	0	0	-12,9992
90	90	108	SSOVR	0	0	0	0	-4,153
90	90	97	SSOVR	0	0	0	0	-7,6121
90	90	96	SSOVR	0	0	0	0	-14,9508
91	91	108	PP	60,8	-141,72	43,413	179,99	0
91	91	109	PP	70,96	-138,14	44,719	184,18	0
91	91	98	PP	86,68	-118,87	41,454	178,73	0
91	91	97	PP	77,08	-123,01	40,03	174,79	0
91	91	108	STER	0	0	0	0	-29,56
91	91	109	STER	0	0	0	0	7,8795
91	91	98	STER	0	0	0	0	2,3022
91	91	97	STER	0	0	0	0	-31,7011
91	91	108	SSOVR	0	0	0	0	-4,1735
91	91	109	SSOVR	0	0	0	0	8,6425
91	91	98	SSOVR	0	0	0	0	3,9395
91	91	97	SSOVR	0	0	0	0	-7,6312
92	92	109	PP	74,4	-140,41	44,622	188,94	0
92	92	110	PP	85,11	-136,93	45,855	194,03	0
92	92	99	PP	101,77	-116,68	42,64	189,34	0
92	92	98	PP	91,62	-120,73	41,289	184,48	0
92	92	109	STER	0	0	0	0	7,824
92	92	110	STER	0	0	0	0	61,1672
92	92	99	STER	0	0	0	0	50,7593
92	92	98	STER	0	0	0	0	2,2728
92	92	109	SSOVR	0	0	0	0	8,6215
92	92	110	SSOVR	0	0	0	0	27,5253
92	92	99	SSOVR	0	0	0	0	21,3658
92	92	98	SSOVR	0	0	0	0	3,9283
93	93	110	PP	88,88	-140,3	45,796	200,13	0
93	93	111	PP	100,34	-136,57	46,997	205,97	0
93	93	100	PP	117,93	-116,66	43,962	203,15	0
93	93	99	PP	107,01	-120,94	42,656	197,53	0
93	93	110	STER	0	0	0	0	61,0578
93	93	111	STER	0	0	0	0	158,8206
93	93	100	STER	0	0	0	0	138,8466
93	93	99	STER	0	0	0	0	50,6735
93	93	110	SSOVR	0	0	0	0	27,476
93	93	111	SSOVR	0	0	0	0	63,1645
93	93	100	SSOVR	0	0	0	0	54,5256
93	93	99	SSOVR	0	0	0	0	21,3252
94	94	111	PP	102,7	-139,07	46,969	210,16	0
94	94	112	PP	116,84	-144,74	47,44	226,96	0
94	94	101	PP	134,4	-123,93	44,632	223,78	0
94	94	100	PP	120,51	-118,53	43,925	207,02	0
94	94	111	STER	0	0	0	0	158,6418
94	94	112	STER	0	0	0	0	297,5699
94	94	101	STER	0	0	0	0	263,1757
94	94	100	STER	0	0	0	0	138,6887
94	94	111	SSOVR	0	0	0	0	63,0858
94	94	112	SSOVR	0	0	0	0	115,2703
94	94	101	SSOVR	0	0	0	0	103,4834
94	94	100	SSOVR	0	0	0	0	54,4459
95	95	112	PP	150,62	-176,5	46,833	283,6	0
95	95	113	PP	79,84	-108,47	47,908	163,71	0
95	95	102	PP	97,23	-86,52	43,887	159,23	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
95	95	101	PP	168,11	-154,66	44,529	279,61	0
95	95	112	STER	0	0	0	0	297,2616
95	95	113	STER	0	0	0	0	511,8356
95	95	102	STER	0	0	0	0	454,819
95	95	101	STER	0	0	0	0	262,892
95	95	112	SSOVR	0	0	0	0	115,1255
95	95	113	SSOVR	0	0	0	0	198,0073
95	95	102	SSOVR	0	0	0	0	182,3951
95	95	101	SSOVR	0	0	0	0	103,33
96	96	114	PP	5,84	-204,9	45,421	207,88	0
96	96	104	PP	7,2	-192,79	44,157	196,49	0
96	96	103	PP	3,87	-205,68	42,715	207,64	0
96	96	114	STER	0	0	0	0	-85,0764
96	96	104	STER	0	0	0	0	-73,6403
96	96	103	STER	0	0	0	0	-73,9278
96	96	114	SSOVR	0	0	0	0	-19,1805
96	96	104	SSOVR	0	0	0	0	-16,2245
96	96	103	SSOVR	0	0	0	0	-16,227
97	97	114	PP	-4,64	-203,35	45,266	201,07	0
97	97	115	PP	1,47	-200,99	46,061	201,73	0
97	97	105	PP	16,3	-176,06	42,164	184,75	0
97	97	104	PP	10,58	-178,82	41,259	184,34	0
97	97	114	STER	0	0	0	0	-75,7648
97	97	115	STER	0	0	0	0	-75,2263
97	97	105	STER	0	0	0	0	-76,3197
97	97	104	STER	0	0	0	0	-75,2732
97	97	114	SSOVR	0	0	0	0	-17,3071
97	97	115	SSOVR	0	0	0	0	-16,5704
97	97	105	SSOVR	0	0	0	0	-17,7187
97	97	104	SSOVR	0	0	0	0	-16,5681
98	98	115	PP	15,14	-188,29	43,58	196,3	0
98	98	116	PP	18,57	-183,04	44,391	192,99	0
98	98	106	PP	25,48	-165,65	41,924	179,75	0
98	98	105	PP	22,29	-171,16	41,097	183,32	0
98	98	115	STER	0	0	0	0	-78,965
98	98	116	STER	0	0	0	0	-69,6804
98	98	106	STER	0	0	0	0	-71,2632
98	98	105	STER	0	0	0	0	-75,6424
98	98	115	SSOVR	0	0	0	0	-17,6464
98	98	116	SSOVR	0	0	0	0	-14,6616
98	98	106	SSOVR	0	0	0	0	-16,9457
98	98	105	SSOVR	0	0	0	0	-17,523
99	99	116	PP	21,18	-179,65	43,818	191,12	0
99	99	117	PP	30,26	-172,74	45,336	189,69	0
99	99	107	PP	41,28	-153,4	42,369	177,67	0
99	99	106	PP	32,76	-160,88	40,765	179,51	0
99	99	116	STER	0	0	0	0	-68,8008
99	99	117	STER	0	0	0	0	-53,9163
99	99	107	STER	0	0	0	0	-56,8838
99	99	106	STER	0	0	0	0	-71,4322
99	99	116	SSOVR	0	0	0	0	-14,4198
99	99	117	SSOVR	0	0	0	0	-9,5553
99	99	107	SSOVR	0	0	0	0	-12,9614
99	99	106	SSOVR	0	0	0	0	-17,0066
100	100	117	PP	34,91	-169,72	44,618	189,61	0
100	100	118	PP	45,2	-163,6	46,127	190,27	0
100	100	108	PP	56,82	-146,18	43,425	181,39	0
100	100	107	PP	47,06	-152,83	41,828	181,01	0
100	100	117	STER	0	0	0	0	-54,063
100	100	118	STER	0	0	0	0	-24,1896
100	100	108	STER	0	0	0	0	-29,4984
100	100	107	STER	0	0	0	0	-56,9618
100	100	117	SSOVR	0	0	0	0	-9,5916
100	100	118	SSOVR	0	0	0	0	0,4133
100	100	108	SSOVR	0	0	0	0	-4,1517
100	100	107	SSOVR	0	0	0	0	-12,9973
101	101	118	PP	48,05	-164,33	45,917	192,89	0
101	101	119	PP	58,36	-158,91	47,281	194,76	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
101	101	109	PP	71,26	-140,63	44,525	186,75	0
101	101	108	PP	61,46	-146,55	43,071	185,1	0
101	101	118	STER	0	0	0	0	-24,3553
101	101	119	STER	0	0	0	0	14,9843
101	101	109	STER	0	0	0	0	7,8827
101	101	108	STER	0	0	0	0	-29,5555
101	101	118	SSOVR	0	0	0	0	0,3512
101	101	119	SSOVR	0	0	0	0	13,8469
101	101	109	SSOVR	0	0	0	0	8,6423
101	101	108	SSOVR	0	0	0	0	-4,1723
102	102	119	PP	60,68	-160,18	47,152	197,64	0
102	102	120	PP	71,85	-156,77	48,302	202,49	0
102	102	110	PP	85,43	-139,05	45,692	196,25	0
102	102	109	PP	74,7	-142,89	44,435	191,5	0
102	102	119	STER	0	0	0	0	14,945
102	102	120	STER	0	0	0	0	71,4152
102	102	110	STER	0	0	0	0	61,1663
102	102	109	STER	0	0	0	0	7,8271
102	102	119	SSOVR	0	0	0	0	13,8318
102	102	120	SSOVR	0	0	0	0	33,4972
102	102	110	SSOVR	0	0	0	0	27,5241
102	102	109	SSOVR	0	0	0	0	8,6213
103	103	120	PP	74,63	-160,43	48,283	208,03	0
103	103	121	PP	86,05	-156,12	49,438	212,63	0
103	103	111	PP	100,17	-137,67	46,886	206,83	0
103	103	110	PP	89,2	-142,43	45,639	202,35	0
103	103	120	STER	0	0	0	0	71,2781
103	103	121	STER	0	0	0	0	175,6782
103	103	111	STER	0	0	0	0	158,8179
103	103	110	STER	0	0	0	0	61,0569
103	103	120	SSOVR	0	0	0	0	33,4391
103	103	121	SSOVR	0	0	0	0	70,3439
103	103	111	SSOVR	0	0	0	0	63,1631
103	103	110	SSOVR	0	0	0	0	27,4748
104	104	121	PP	87,57	-158,05	49,407	215,61	0
104	104	122	PP	102,3	-164,07	49,693	232,73	0
104	104	112	PP	117,1	-146,05	47,349	228,36	0
104	104	111	PP	102,53	-140,18	46,86	211,03	0
104	104	121	STER	0	0	0	0	175,4846
104	104	122	STER	0	0	0	0	325,3338
104	104	112	STER	0	0	0	0	297,5625
104	104	111	STER	0	0	0	0	158,6391
104	104	121	SSOVR	0	0	0	0	70,268
104	104	122	SSOVR	0	0	0	0	123,9961
104	104	112	SSOVR	0	0	0	0	115,2696
104	104	111	SSOVR	0	0	0	0	63,0843
105	105	122	PP	135,62	-196,81	48,721	289,51	0
105	105	123	PP	65,29	-128,18	51,258	170,48	0
105	105	113	PP	79,84	-108,47	47,908	163,71	0
105	105	112	PP	150,89	-177,83	46,763	285	0
105	105	122	STER	0	0	0	0	324,9839
105	105	123	STER	0	0	0	0	558,5204
105	105	113	STER	0	0	0	0	511,8356
105	105	112	STER	0	0	0	0	297,2542
105	105	122	SSOVR	0	0	0	0	123,8532
105	105	123	SSOVR	0	0	0	0	208,7496
105	105	113	SSOVR	0	0	0	0	198,0073
105	105	112	SSOVR	0	0	0	0	115,1248
106	106	124	PP	6,42	-229,23	45,76	232,51	0
106	106	115	PP	8,95	-215,69	44,431	220,3	0
106	106	114	PP	6,3	-229,51	43,123	232,73	0
106	106	124	STER	0	0	0	0	-77,5539
106	106	115	STER	0	0	0	0	-74,8002
106	106	114	STER	0	0	0	0	-77,5985
106	106	124	SSOVR	0	0	0	0	-14,7176
106	106	115	SSOVR	0	0	0	0	-16,5007
106	106	114	SSOVR	0	0	0	0	-17,6359
107	107	124	PP	-5,94	-225,39	45,602	222,48	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
107	107	125	PP	3,7	-218,2	47,045	220,08	0
107	107	116	PP	19,41	-193,8	43,534	204,2	0
107	107	115	PP	10,46	-201,69	42,007	207,11	0
107	107	124	STER	0	0	0	0	-61,3464
107	107	125	STER	0	0	0	0	-57,8258
107	107	116	STER	0	0	0	0	-69,7209
107	107	115	STER	0	0	0	0	-78,5389
107	107	124	SSOVR	0	0	0	0	-10,7482
107	107	125	SSOVR	0	0	0	0	-8,6926
107	107	116	SSOVR	0	0	0	0	-14,6722
107	107	115	SSOVR	0	0	0	0	-17,5767
108	108	125	PP	13,87	-207,54	45,251	214,81	0
108	108	126	PP	20,65	-199,5	46,539	210,58	0
108	108	117	PP	28,46	-182,04	44,316	197,82	0
108	108	116	PP	22,08	-190,48	42,989	202,42	0
108	108	125	STER	0	0	0	0	-62,8264
108	108	126	STER	0	0	0	0	-42,1837
108	108	117	STER	0	0	0	0	-53,8867
108	108	116	STER	0	0	0	0	-68,8412
108	108	125	SSOVR	0	0	0	0	-10,1703
108	108	126	SSOVR	0	0	0	0	-2,819
108	108	117	SSOVR	0	0	0	0	-9,5434
108	108	116	SSOVR	0	0	0	0	-14,4304
109	109	126	PP	21,03	-197,25	46,322	208,56	0
109	109	127	PP	32,5	-188,14	48,095	206,32	0
109	109	118	PP	44,04	-169,38	45,481	195,16	0
109	109	117	PP	33,2	-179,12	43,632	197,82	0
109	109	126	STER	0	0	0	0	-41,3266
109	109	127	STER	0	0	0	0	-13,7697
109	109	118	STER	0	0	0	0	-24,1726
109	109	117	STER	0	0	0	0	-54,0334
109	109	126	SSOVR	0	0	0	0	-2,6134
109	109	127	SSOVR	0	0	0	0	6,9767
109	109	118	SSOVR	0	0	0	0	0,4152
109	109	117	SSOVR	0	0	0	0	-9,5797
110	110	127	PP	34,88	-186,93	47,768	206,59	0
110	110	128	PP	45,54	-181,11	49,107	207,67	0
110	110	119	PP	57,11	-163,85	46,707	198,66	0
110	110	118	PP	46,9	-170,12	45,286	197,79	0
110	110	127	STER	0	0	0	0	-13,8551
110	110	128	STER	0	0	0	0	26,2326
110	110	119	STER	0	0	0	0	14,9935
110	110	118	STER	0	0	0	0	-24,3383
110	110	127	SSOVR	0	0	0	0	6,9708
110	110	128	SSOVR	0	0	0	0	20,6368
110	110	119	SSOVR	0	0	0	0	13,8489
110	110	118	SSOVR	0	0	0	0	0,3531
111	111	128	PP	46,3	-182,65	49,131	209,68	0
111	111	129	PP	57,49	-177,55	50,366	212,21	0
111	111	120	PP	70,19	-159,57	47,912	203,93	0
111	111	119	PP	59,45	-165,12	46,59	201,54	0
111	111	128	STER	0	0	0	0	26,1058
111	111	129	STER	0	0	0	0	83,2694
111	111	120	STER	0	0	0	0	71,4164
111	111	119	STER	0	0	0	0	14,9542
111	111	128	SSOVR	0	0	0	0	20,5891
111	111	129	SSOVR	0	0	0	0	40,0631
111	111	120	SSOVR	0	0	0	0	33,4956
111	111	119	SSOVR	0	0	0	0	13,8337
112	112	129	PP	59,64	-180,89	50,337	216,95	0
112	112	130	PP	71,99	-176,17	51,513	221,13	0
112	112	121	PP	84,88	-158,08	49,175	213,57	0
112	112	120	PP	72,96	-163,23	47,904	209,47	0
112	112	129	STER	0	0	0	0	83,1536
112	112	130	STER	0	0	0	0	191,0109
112	112	121	STER	0	0	0	0	175,6708
112	112	120	STER	0	0	0	0	71,2794
112	112	129	SSOVR	0	0	0	0	40,0139

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
112	112	130	SSOVR	0	0	0	0	76,694
112	112	121	SSOVR	0	0	0	0	70,3401
112	112	120	SSOVR	0	0	0	0	33,4376
113	113	130	PP	72,02	-178,33	51,622	223,23	0
113	113	131	PP	88,51	-184,81	51,775	241,55	0
113	113	122	PP	102,8	-166,39	49,513	235,28	0
113	113	121	PP	86,4	-160	49,148	216,54	0
113	113	130	STER	0	0	0	0	190,7645
113	113	131	STER	0	0	0	0	348,4012
113	113	122	STER	0	0	0	0	325,2993
113	113	121	STER	0	0	0	0	175,4772
113	113	130	SSOVR	0	0	0	0	76,6114
113	113	131	SSOVR	0	0	0	0	130,1981
113	113	122	SSOVR	0	0	0	0	123,9847
113	113	121	SSOVR	0	0	0	0	70,2642
114	114	131	PP	122,08	-218,32	50,418	298,7	0
114	114	132	PP	52,45	-148,56	54,294	180,59	0
114	114	123	PP	65,29	-128,18	51,258	170,48	0
114	114	122	PP	136,14	-199,16	48,585	292,09	0
114	114	131	STER	0	0	0	0	347,9861
114	114	132	STER	0	0	0	0	598,0496
114	114	123	STER	0	0	0	0	558,5204
114	114	122	STER	0	0	0	0	324,9493
114	114	131	SSOVR	0	0	0	0	130,0506
114	114	132	SSOVR	0	0	0	0	215,0439
114	114	123	SSOVR	0	0	0	0	208,7496
114	114	122	SSOVR	0	0	0	0	123,8418
115	115	133	PP	6,84	-250,18	46,29	253,67	0
115	115	125	PP	9,16	-235,65	45,04	240,36	0
115	115	124	PP	5,94	-250,37	43,702	253,39	0
115	115	133	STER	0	0	0	0	-48,4696
115	115	125	STER	0	0	0	0	-57,2781
115	115	124	STER	0	0	0	0	-64,2764
115	115	133	SSOVR	0	0	0	0	-2,0403
115	115	125	SSOVR	0	0	0	0	-8,6181
115	115	124	SSOVR	0	0	0	0	-11,3186
116	116	133	PP	-5,51	-241,6	45,742	238,9	0
116	116	134	PP	7,77	-228,92	47,84	232,9	0
116	116	126	PP	18,84	-210,13	45,441	220,15	0
116	116	125	PP	6,29	-223,55	43,281	226,76	0
116	116	133	STER	0	0	0	0	-27,5826
116	116	134	STER	0	0	0	0	-21,0165
116	116	126	STER	0	0	0	0	-42,2806
116	116	125	STER	0	0	0	0	-62,2786
116	116	133	SSOVR	0	0	0	0	3,27
116	116	134	SSOVR	0	0	0	0	6,4098
116	116	126	SSOVR	0	0	0	0	-2,8433
116	116	125	SSOVR	0	0	0	0	-10,0958
117	117	134	PP	13,96	-221,45	46,744	228,75	0
117	117	135	PP	23,44	-211,39	48,343	224,03	0
117	117	127	PP	28,38	-197,52	46,878	213,13	0
117	117	126	PP	19,25	-207,91	45,224	218,18	0
117	117	134	STER	0	0	0	0	-26,9836
117	117	135	STER	0	0	0	0	5,5764
117	117	127	STER	0	0	0	0	-13,7355
117	117	126	STER	0	0	0	0	-41,4236
117	117	134	SSOVR	0	0	0	0	4,7341
117	117	135	SSOVR	0	0	0	0	16,0442
117	117	127	SSOVR	0	0	0	0	6,9888
117	117	126	SSOVR	0	0	0	0	-2,6377
118	118	135	PP	21,75	-210,44	48,443	222,12	0
118	118	136	PP	33	-201,28	50,095	219,64	0
118	118	128	PP	41,63	-186,75	48,271	210,68	0
118	118	127	PP	30,81	-196,36	46,565	213,44	0
118	118	135	STER	0	0	0	0	6,0067
118	118	136	STER	0	0	0	0	40,7695
118	118	128	STER	0	0	0	0	26,2363
118	118	127	STER	0	0	0	0	-13,8209

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Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
118	118	135	SSOVR	0	0	0	0	16,0956
118	118	136	SSOVR	0	0	0	0	27,9744
118	118	128	SSOVR	0	0	0	0	20,6339
118	118	127	SSOVR	0	0	0	0	6,9829
119	119	136	PP	33,8	-201,69	50,037	220,54	0
119	119	137	PP	45,94	-195,94	51,344	222,5	0
119	119	129	PP	54,2	-182,21	49,682	214,51	0
119	119	128	PP	42,39	-188,29	48,303	212,68	0
119	119	136	STER	0	0	0	0	40,7304
119	119	137	STER	0	0	0	0	95,9315
119	119	129	STER	0	0	0	0	83,2748
119	119	128	STER	0	0	0	0	26,1094
119	119	136	SSOVR	0	0	0	0	27,9819
119	119	137	SSOVR	0	0	0	0	46,2814
119	119	129	SSOVR	0	0	0	0	40,0642
119	119	128	SSOVR	0	0	0	0	20,5863
120	120	137	PP	45,98	-199,25	51,517	225,78	0
120	120	138	PP	59,13	-192,64	52,891	228,03	0
120	120	130	PP	69,13	-178,56	51,111	221,37	0
120	120	129	PP	56,36	-185,56	49,67	219,24	0
120	120	137	STER	0	0	0	0	95,7222
120	120	138	STER	0	0	0	0	201,4873
120	120	130	STER	0	0	0	0	191,0123
120	120	129	STER	0	0	0	0	83,159
120	120	137	SSOVR	0	0	0	0	46,1972
120	120	138	SSOVR	0	0	0	0	80,7887
120	120	130	SSOVR	0	0	0	0	76,6939
120	120	129	SSOVR	0	0	0	0	40,015
121	121	138	PP	59	-195,58	53,041	230,81	0
121	121	139	PP	77,54	-201,49	53,218	249,47	0
121	121	131	PP	87,62	-186,55	51,564	242,54	0
121	121	130	PP	69,15	-180,72	51,223	223,47	0
121	121	138	STER	0	0	0	0	201,2703
121	121	139	STER	0	0	0	0	360,4426
121	121	131	STER	0	0	0	0	348,3893
121	121	130	STER	0	0	0	0	190,7659
121	121	138	SSOVR	0	0	0	0	80,7218
121	121	139	SSOVR	0	0	0	0	132,0459
121	121	131	SSOVR	0	0	0	0	130,1971
121	121	130	SSOVR	0	0	0	0	76,6113
122	122	139	PP	109,86	-235,76	51,713	305,87	0
122	122	140	PP	42,41	-165,55	56,625	190,34	0
122	122	132	PP	52,45	-148,56	54,294	180,59	0
122	122	131	PP	121,24	-220,11	50,253	299,72	0
122	122	139	STER	0	0	0	0	359,9616
122	122	140	STER	0	0	0	0	619,1697
122	122	132	STER	0	0	0	0	598,0496
122	122	131	STER	0	0	0	0	347,9742
122	122	139	SSOVR	0	0	0	0	131,8967
122	122	140	SSOVR	0	0	0	0	214,4623
122	122	132	SSOVR	0	0	0	0	215,0439
122	122	131	SSOVR	0	0	0	0	130,0497
123	123	141	PP	6,84	-260,61	46,637	264,09	0
123	123	134	PP	8,68	-247,15	45,568	251,61	0
123	123	133	PP	5,37	-260,68	44,338	263,41	0
123	123	141	STER	0	0	0	0	-1,0118
123	123	134	STER	0	0	0	0	-20,4553
123	123	133	STER	0	0	0	0	-30,938
123	123	141	SSOVR	0	0	0	0	16,6703
123	123	134	SSOVR	0	0	0	0	6,4717
123	123	133	SSOVR	0	0	0	0	2,6314
124	124	141	PP	-4,66	-248,6	45,875	246,3	0
124	124	142	PP	11,81	-231,84	48,49	237,96	0
124	124	135	PP	18,67	-220,96	47,128	230,86	0
124	124	134	PP	2,73	-238,26	44,48	239,63	0
124	124	141	STER	0	0	0	0	22,5301
124	124	142	STER	0	0	0	0	31,1239
124	124	135	STER	0	0	0	0	5,4505

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
124	124	134	STER	0	0	0	0	-26,4225
124	124	141	SSOVR	0	0	0	0	22,3355
124	124	142	SSOVR	0	0	0	0	26,0736
124	124	135	SSOVR	0	0	0	0	16,0142
124	124	134	SSOVR	0	0	0	0	4,796
125	125	142	PP	14,68	-228,47	48,004	236,16	0
125	125	143	PP	24,3	-218,8	49,534	231,9	0
125	125	136	PP	26,4	-210,14	48,782	224,51	0
125	125	135	PP	16,96	-219,99	47,212	228,95	0
125	125	142	STER	0	0	0	0	26,0106
125	125	143	STER	0	0	0	0	62,7102
125	125	136	STER	0	0	0	0	40,8128
125	125	135	STER	0	0	0	0	5,8808
125	125	142	SSOVR	0	0	0	0	24,8194
125	125	143	SSOVR	0	0	0	0	36,8784
125	125	136	SSOVR	0	0	0	0	27,9895
125	125	135	SSOVR	0	0	0	0	16,0656
126	126	143	PP	20,82	-219,11	49,9	230,23	0
126	126	144	PP	33,59	-209,72	51,606	228,37	0
126	126	137	PP	39,69	-200,88	50,47	223,39	0
126	126	136	PP	27,21	-210,57	48,731	225,41	0
126	126	143	STER	0	0	0	0	63,1251
126	126	144	STER	0	0	0	0	109,666
126	126	137	STER	0	0	0	0	95,9326
126	126	136	STER	0	0	0	0	40,7738
126	126	143	SSOVR	0	0	0	0	36,9119
126	126	144	SSOVR	0	0	0	0	52,0313
126	126	137	SSOVR	0	0	0	0	46,2785
126	126	136	SSOVR	0	0	0	0	27,997
127	127	144	PP	33,61	-213,4	51,797	232,04	0
127	127	145	PP	49,29	-205,45	53,422	234,02	0
127	127	138	PP	55,1	-195,93	52,337	228,53	0
127	127	137	PP	39,7	-204,17	50,656	226,65	0
127	127	144	STER	0	0	0	0	109,6161
127	127	145	STER	0	0	0	0	207,6514
127	127	138	STER	0	0	0	0	201,4923
127	127	137	STER	0	0	0	0	95,7233
127	127	144	SSOVR	0	0	0	0	52,0349
127	127	145	SSOVR	0	0	0	0	82,7457
127	127	138	SSOVR	0	0	0	0	80,7902
127	127	137	SSOVR	0	0	0	0	46,1943
128	128	145	PP	46,8	-208,69	53,845	235,6	0
128	128	146	PP	67,15	-212,78	54,212	253,13	0
128	128	139	PP	75,22	-202,87	52,981	249,15	0
128	128	138	PP	54,96	-198,86	52,494	231,3	0
128	128	145	STER	0	0	0	0	207,1474
128	128	146	STER	0	0	0	0	360,5598
128	128	139	STER	0	0	0	0	360,4324
128	128	138	STER	0	0	0	0	201,2753
128	128	145	SSOVR	0	0	0	0	82,6043
128	128	146	SSOVR	0	0	0	0	129,517
128	128	139	SSOVR	0	0	0	0	132,0454
128	128	138	SSOVR	0	0	0	0	80,7233
129	129	146	PP	99,43	-249,03	52,579	310,91	0
129	129	147	PP	35,41	-178,55	58,244	198,63	0
129	129	140	PP	42,41	-165,55	56,625	190,34	0
129	129	139	PP	107,6	-237,2	51,519	305,56	0
129	129	146	STER	0	0	0	0	359,9891
129	129	147	STER	0	0	0	0	619,3477
129	129	140	STER	0	0	0	0	619,1697
129	129	139	STER	0	0	0	0	359,9514
129	129	146	SSOVR	0	0	0	0	129,3504
129	129	147	SSOVR	0	0	0	0	206,8248
129	129	140	SSOVR	0	0	0	0	214,4623
129	129	139	SSOVR	0	0	0	0	131,8962
130	130	148	PP	6,47	-261,1	46,87	264,4	0
130	130	142	PP	7,72	-250,06	46,029	254,01	0
130	130	141	PP	4,68	-261,12	44,986	263,49	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
130	130	148	STER	0	0	0	0	61,9339
130	130	142	STER	0	0	0	0	31,6457
130	130	141	STER	0	0	0	0	19,0708
130	130	148	SSOVR	0	0	0	0	38,8893
130	130	142	SSOVR	0	0	0	0	26,103
130	130	141	SSOVR	0	0	0	0	21,7587
131	131	148	PP	-2,8	-248,3	46,031	246,91	0
131	131	149	PP	12,76	-230,88	48,634	237,52	0
131	131	143	PP	15,87	-227,8	48,144	236,13	0
131	131	142	PP	0,5	-245,41	45,548	245,66	0
131	131	148	STER	0	0	0	0	79,3599
131	131	149	STER	0	0	0	0	90,5845
131	131	143	STER	0	0	0	0	62,5916
131	131	142	STER	0	0	0	0	26,5324
131	131	148	SSOVR	0	0	0	0	42,1657
131	131	149	SSOVR	0	0	0	0	46,2886
131	131	143	SSOVR	0	0	0	0	36,8522
131	131	142	SSOVR	0	0	0	0	24,8489
132	132	149	PP	12,1	-231,31	48,723	237,59	0
132	132	150	PP	25,15	-220,41	50,578	234	0
132	132	144	PP	25,31	-217,09	50,371	230,79	0
132	132	143	PP	12,32	-228,04	48,491	234,45	0
132	132	149	STER	0	0	0	0	86,521
132	132	150	STER	0	0	0	0	128,3579
132	132	144	STER	0	0	0	0	109,7105
132	132	143	STER	0	0	0	0	63,0066
132	132	149	SSOVR	0	0	0	0	45,444
132	132	150	SSOVR	0	0	0	0	58,2884
132	132	144	SSOVR	0	0	0	0	52,0445
132	132	143	SSOVR	0	0	0	0	36,8856
133	133	150	PP	20,86	-223,72	51,207	234,84	0
133	133	151	PP	38,55	-211,9	53,384	233,57	0
133	133	145	PP	42,79	-208,71	52,761	233,07	0
133	133	144	PP	25,3	-220,74	50,581	234,41	0
133	133	150	STER	0	0	0	0	128,3544
133	133	151	STER	0	0	0	0	208,9759
133	133	145	STER	0	0	0	0	207,6476
133	133	144	STER	0	0	0	0	109,6606
133	133	150	SSOVR	0	0	0	0	58,1182
133	133	151	SSOVR	0	0	0	0	82,4074
133	133	145	SSOVR	0	0	0	0	82,7426
133	133	144	SSOVR	0	0	0	0	52,0481
134	134	151	PP	36,39	-217,63	53,885	237,92	0
134	134	152	PP	60,05	-219,94	54,566	255,31	0
134	134	146	PP	63,85	-214,14	53,942	252,2	0
134	134	145	PP	40,26	-211,91	53,192	234,64	0
134	134	151	STER	0	0	0	0	209,2719
134	134	152	STER	0	0	0	0	348,1326
134	134	146	STER	0	0	0	0	360,5551
134	134	145	STER	0	0	0	0	207,1437
134	134	151	SSOVR	0	0	0	0	82,5292
134	134	152	SSOVR	0	0	0	0	122,6263
134	134	146	SSOVR	0	0	0	0	129,5186
134	134	145	SSOVR	0	0	0	0	82,6011
135	135	152	PP	89,7	-256,45	53,08	311,15	0
135	135	153	PP	29,84	-185,47	59,404	202,05	0
135	135	147	PP	35,41	-178,55	58,244	198,63	0
135	135	146	PP	96,2	-250,46	52,354	309,97	0
135	135	152	STER	0	0	0	0	347,4998
135	135	153	STER	0	0	0	0	596,0215
135	135	147	STER	0	0	0	0	619,3477
135	135	146	STER	0	0	0	0	359,9844
135	135	152	SSOVR	0	0	0	0	122,4879
135	135	153	SSOVR	0	0	0	0	191,962
135	135	147	SSOVR	0	0	0	0	206,8248
135	135	146	SSOVR	0	0	0	0	129,3521
136	136	154	PP	4,48	-256,36	46,907	258,63	0
136	136	149	PP	5,74	-247,46	46,197	250,38	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
136	136	148	PP	3,56	-256,21	45,363	258,01	0
136	136	154	STER	0	0	0	0	119,1178
136	136	149	STER	0	0	0	0	90,8484
136	136	148	STER	0	0	0	0	77,0226
136	136	154	SSOVR	0	0	0	0	56,7007
136	136	149	SSOVR	0	0	0	0	46,2427
136	136	148	SSOVR	0	0	0	0	42,0227
137	137	154	PP	-1,75	-242,64	45,892	241,77	0
137	137	155	PP	16,15	-222,78	48,93	231,28	0
137	137	150	PP	14,93	-227	49,315	234,82	0
137	137	149	PP	-3,15	-246,68	46,31	245,12	0
137	137	154	STER	0	0	0	0	133,3075
137	137	155	STER	0	0	0	0	146,1019
137	137	150	STER	0	0	0	0	128,278
137	137	149	STER	0	0	0	0	86,7849
137	137	154	SSOVR	0	0	0	0	58,7415
137	137	155	SSOVR	0	0	0	0	62,6156
137	137	150	SSOVR	0	0	0	0	58,2826
137	137	149	SSOVR	0	0	0	0	45,3981
138	138	155	PP	11,67	-228,39	49,724	234,45	0
138	138	156	PP	32,53	-214,29	52,359	232,28	0
138	138	151	PP	31,46	-216,18	52,57	233,51	0
138	138	150	PP	10,52	-230,19	49,948	235,63	0
138	138	155	STER	0	0	0	0	143,1257
138	138	156	STER	0	0	0	0	210,9919
138	138	151	STER	0	0	0	0	209,0135
138	138	150	STER	0	0	0	0	128,2745
138	138	155	SSOVR	0	0	0	0	62,5311
138	138	156	SSOVR	0	0	0	0	81,4819
138	138	151	SSOVR	0	0	0	0	82,4169
138	138	150	SSOVR	0	0	0	0	58,1124
139	139	156	PP	26,43	-220,62	53,351	234,95	0
139	139	157	PP	51,62	-218,82	54,607	248,68	0
139	139	152	PP	54,37	-219,99	54,348	251,62	0
139	139	151	PP	29,24	-221,85	53,088	237,81	0
139	139	156	STER	0	0	0	0	208,3671
139	139	157	STER	0	0	0	0	327,3844
139	139	152	STER	0	0	0	0	348,154
139	139	151	STER	0	0	0	0	209,3095
139	139	156	SSOVR	0	0	0	0	80,5641
139	139	157	SSOVR	0	0	0	0	113,5276
139	139	152	SSOVR	0	0	0	0	122,6354
139	139	151	SSOVR	0	0	0	0	82,5387
140	140	157	PP	81,74	-259,01	53,156	308,12	0
140	140	158	PP	27,88	-188,29	59,825	203,67	0
140	140	153	PP	29,84	-185,47	59,404	202,05	0
140	140	152	PP	84,08	-256,56	52,88	307,35	0
140	140	157	STER	0	0	0	0	326,7785
140	140	158	STER	0	0	0	0	555,8586
140	140	153	STER	0	0	0	0	596,0215
140	140	152	STER	0	0	0	0	347,5213
140	140	157	SSOVR	0	0	0	0	113,339
140	140	158	SSOVR	0	0	0	0	173,5354
140	140	153	SSOVR	0	0	0	0	191,962
140	140	152	SSOVR	0	0	0	0	122,497
141	141	159	PP	4,87	-243,85	46,938	246,32	0
141	141	155	PP	5,36	-237,93	46,477	240,65	0
141	141	154	PP	3,5	-243,85	45,851	245,62	0
141	141	159	STER	0	0	0	0	173,0748
141	141	155	STER	0	0	0	0	146,2159
141	141	154	STER	0	0	0	0	132,0926
141	141	159	SSOVR	0	0	0	0	71,8306
141	141	155	SSOVR	0	0	0	0	62,5503
141	141	154	SSOVR	0	0	0	0	58,8569
142	142	159	PP	-3,61	-229,75	46,217	227,97	0
142	142	160	PP	25,54	-202,78	50,942	216,69	0
142	142	156	PP	24,84	-216,11	51,765	229,54	0
142	142	155	PP	-4,93	-242,46	47,289	240,03	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
142	142	159	STER	0	0	0	0	180,6159
142	142	160	STER	0	0	0	0	201,306
142	142	156	STER	0	0	0	0	210,9169
142	142	155	STER	0	0	0	0	143,2397
142	142	159	SSOVR	0	0	0	0	69,9333
142	142	160	SSOVR	0	0	0	0	76,0838
142	142	156	SSOVR	0	0	0	0	81,4774
142	142	155	SSOVR	0	0	0	0	62,4658
143	143	160	PP	20,33	-218,49	52,395	229,34	0
143	143	161	PP	47,47	-216,22	53,896	243,45	0
143	143	157	PP	45,87	-220,16	54,234	246,32	0
143	143	156	PP	18,65	-222,35	52,781	232,24	0
143	143	160	STER	0	0	0	0	207,8895
143	143	161	STER	0	0	0	0	296,8433
143	143	157	STER	0	0	0	0	327,4156
143	143	156	STER	0	0	0	0	208,2922
143	143	160	SSOVR	0	0	0	0	79,274
143	143	161	SSOVR	0	0	0	0	100,8517
143	143	157	SSOVR	0	0	0	0	113,5352
143	143	156	SSOVR	0	0	0	0	80,5595
144	144	161	PP	71,31	-255,27	53,063	297,41	0
144	144	162	PP	23,58	-183,59	60,495	196,45	0
144	144	158	PP	27,88	-188,29	59,825	203,67	0
144	144	157	PP	76,08	-260,44	52,843	305,66	0
144	144	161	STER	0	0	0	0	295,8639
144	144	162	STER	0	0	0	0	497,242
144	144	158	STER	0	0	0	0	555,8586
144	144	157	STER	0	0	0	0	326,8097
144	144	161	SSOVR	0	0	0	0	100,6722
144	144	162	SSOVR	0	0	0	0	150,5571
144	144	158	SSOVR	0	0	0	0	173,5354
144	144	157	SSOVR	0	0	0	0	113,3466
145	145	163	PP	12,95	-216,11	48,593	222,86	0
145	145	160	PP	9,31	-213,7	48,796	218,5	0
145	145	159	PP	3,89	-217,58	48,015	219,55	0
145	145	163	STER	0	0	0	0	227,5969
145	145	160	STER	0	0	0	0	201,0108
145	145	159	STER	0	0	0	0	181,7338
145	145	163	SSOVR	0	0	0	0	82,2728
145	145	160	SSOVR	0	0	0	0	75,8573
145	145	159	SSOVR	0	0	0	0	70,9366
146	146	163	PP	-2,03	-202,05	48,609	201,04	0
146	146	164	PP	40,31	-190,41	52,68	213,44	0
146	146	161	PP	43,31	-217,33	53,599	241,91	0
146	146	160	PP	0,33	-228,33	50,174	228,5	0
146	146	163	STER	0	0	0	0	192,4874
146	146	164	STER	0	0	0	0	242,0989
146	146	161	STER	0	0	0	0	296,7295
146	146	160	STER	0	0	0	0	207,5943
146	146	163	SSOVR	0	0	0	0	66,9166
146	146	164	SSOVR	0	0	0	0	80,5723
146	146	161	SSOVR	0	0	0	0	100,8445
146	146	160	SSOVR	0	0	0	0	79,0475
147	147	164	PP	61,72	-247,57	52,971	283,52	0
147	147	165	PP	18,62	-175,26	61,294	185,28	0
147	147	162	PP	23,58	-183,59	60,495	196,45	0
147	147	161	PP	67,2	-256,42	52,816	295,8	0
147	147	164	STER	0	0	0	0	244,2902
147	147	165	STER	0	0	0	0	398,5549
147	147	162	STER	0	0	0	0	497,242
147	147	161	STER	0	0	0	0	295,7501
147	147	164	SSOVR	0	0	0	0	81,6505
147	147	165	SSOVR	0	0	0	0	115,5994
147	147	162	SSOVR	0	0	0	0	150,5571
147	147	161	SSOVR	0	0	0	0	100,665
148	148	166	PP	8,5	-147,81	52,358	152,24	0
148	148	164	PP	2,86	-174,35	55,096	175,79	0
148	148	163	PP	7,46	-156,26	58,888	160,12	0



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Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
148	148	166	STER	0	0	0	0	188,5329
148	148	164	STER	0	0	0	0	240,9158
148	148	163	STER	0	0	0	0	203,0115
148	148	166	SSOVR	0	0	0	0	60,0442
148	148	164	SSOVR	0	0	0	0	80,1103
148	148	163	SSOVR	0	0	0	0	70,8437
149	149	166	PP	7,94	-252,42	58,711	256,48	0
149	149	167	PP	-10,42	-201,75	68,835	196,75	0
149	149	165	PP	18,62	-175,26	61,294	185,28	0
149	149	164	PP	44,65	-233,6	53,666	258,83	0
149	149	166	STER	0	0	0	0	169,0001
149	149	167	STER	0	0	0	0	270,3711
149	149	165	STER	0	0	0	0	398,5549
149	149	164	STER	0	0	0	0	243,1071
149	149	166	SSOVR	0	0	0	0	53,2887
149	149	167	SSOVR	0	0	0	0	75,2156
149	149	165	SSOVR	0	0	0	0	115,5994
149	149	164	SSOVR	0	0	0	0	81,1885
150	150	168	PP	6,15	-228,22	64,588	231,36	0
150	150	167	PP	10,51	-217,73	63,624	223,17	0
150	150	166	PP	44,02	-251,24	58,948	275,9	0
150	150	168	STER	0	0	0	0	242,1228
150	150	167	STER	0	0	0	0	270,3711
150	150	166	STER	0	0	0	0	174,0951
150	150	168	SSOVR	0	0	0	0	66,2907
150	150	167	SSOVR	0	0	0	0	75,2156
150	150	166	SSOVR	0	0	0	0	55,5643

Table: Element Forces - Area Shells, Part 3 of 4

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22 KN-m/m	M12 KN-m/m	MMax KN-m/m	MMin KN-m/m	MAngle Degrees
1	1	1	PP	0	0	0	0	0
1	1	2	PP	0	0	0	0	0
1	1	3	PP	0	0	0	0	0
1	1	4	PP	0	0	0	0	0
1	1	1	STER	-3,1663	-1,1006	-0,2507	-3,5818	-20,682
1	1	2	STER	-2,8755	-1,4625	3,1064	-3,2331	-13,739
1	1	3	STER	0,0065	-1,5438	2,6255	-0,9035	-30,518
1	1	4	STER	-0,0161	-1,1819	1,4374	-0,9771	-39,116
1	1	1	SSOVR	-4,5061	-2,077	-0,1444	-5,4952	-25,463
1	1	2	SSOVR	-4,5799	-3,0575	3,5369	-5,7316	-20,64
1	1	3	SSOVR	-0,05	-3,1204	2,6894	-3,6045	-48,72
1	1	4	SSOVR	0,0151	-2,14	2,6759	-1,706	-38,808
2	2	2	PP	0	0	0	0	0
2	2	5	PP	0	0	0	0	0
2	2	6	PP	0	0	0	0	0
2	2	3	PP	0	0	0	0	0
2	2	2	STER	-2,8559	-2,1136	3,5448	-3,5539	-18,274
2	2	5	STER	-0,7374	-2,0221	14,6281	-1,0035	-7,497
2	2	6	STER	-0,0264	-2,4451	17,0549	-0,3764	-8,146
2	2	3	STER	-0,0392	-2,5367	3,3729	-1,9251	-36,629
2	2	2	SSOVR	-4,5908	-5,0893	5,0244	-7,2845	-27,892
2	2	5	SSOVR	-3,5852	-6,6946	13,3089	-6,2381	-21,617
2	2	6	SSOVR	-0,0244	-7,0729	13,9273	-3,6101	-26,883
2	2	3	SSOVR	0,0049	-5,4676	5,1829	-5,7684	-46,558
3	3	5	PP	0	0	0	0	0
3	3	7	PP	0	0	0	0	0
3	3	8	PP	0	0	0	0	0
3	3	6	PP	0	0	0	0	0
3	3	5	STER	-0,6429	-0,6365	14,8606	-0,669	-2,351
3	3	7	STER	5,3658	2,6269	46,5573	5,1982	3,649
3	3	8	STER	0,569	1,6575	55,0588	0,5186	1,742
3	3	6	STER	-0,3248	-1,6059	15,3774	-0,489	-5,839
3	3	5	SSOVR	-3,512	-7,4536	14,1648	-6,6548	-22,863
3	3	7	SSOVR	0,2884	-7,0676	34,8194	-1,1582	-11,567
3	3	8	SSOVR	0,3685	-7,8022	38,4669	-1,2293	-11,574

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
3	3	6	SSOVR	-0,2186	-8,1881	14,0644	-4,9126	-29,825
4	4	7	PP	0	0	0	0	0
4	4	9	PP	0	0	0	0	0
4	4	10	PP	0	0	0	0	0
4	4	8	PP	0	0	0	0	0
4	4	7	STER	6,263	7,328	52,0489	5,0902	9,093
4	4	9	STER	33,9228	24,0212	115,1164	26,8161	16,481
4	4	10	STER	1,2583	23,641	157,6429	-2,3156	8,596
4	4	8	STER	-0,9428	6,9478	48,4271	-1,9205	8,011
4	4	7	SSOVR	0,8735	-5,8078	37,2264	-0,0544	-9,077
4	4	9	SSOVR	18,9725	3,3426	75,4365	18,7746	3,388
4	4	10	SSOVR	0,8444	3,0106	103,5046	0,7561	1,68
4	4	8	SSOVR	-0,6179	-6,1397	33,0564	-1,7373	-10,333
5	5	9	PP	0	0	0	0	0
5	5	11	PP	0	0	0	0	0
5	5	12	PP	0	0	0	0	0
5	5	10	PP	0	0	0	0	0
5	5	9	STER	32,8053	48,0363	126,9361	8,2917	27,036
5	5	11	STER	154,5702	64,4956	326,2049	130,3345	20,595
5	5	12	STER	-2,5731	73,124	286,5726	-21,066	14,192
5	5	10	STER	2,0413	56,6647	176,3994	-16,3742	18,004
5	5	9	SSOVR	18,2485	17,3742	76,7763	13,0909	16,534
5	5	11	SSOVR	98,196	26,5763	209,7481	91,8645	13,4
5	5	12	SSOVR	-1,6755	32,1931	184,5859	-7,2397	9,806
5	5	10	SSOVR	1,3173	22,9909	110,6169	-3,5188	11,879
6	6	11	PP	0	0	0	0	0
6	6	13	PP	0	0	0	0	0
6	6	14	PP	0	0	0	0	0
6	6	12	PP	0	0	0	0	0
6	6	11	STER	154,5676	77,3651	335,1086	121,4152	23,196
6	6	13	STER	31,8502	93,7101	158,8369	-37,3034	36,426
6	6	14	STER	2,006	85,732	185,1039	-38,1363	25,09
6	6	12	STER	-2,5642	69,387	284,8743	-19,3141	13,571
6	6	11	SSOVR	98,1948	33,4351	213,1361	88,4689	16,219
6	6	13	SSOVR	17,7143	42,5705	89,6648	-7,4731	30,611
6	6	14	SSOVR	1,299	37,319	111,15	-11,3792	18,764
6	6	12	SSOVR	-1,6704	28,1836	183,3404	-5,9638	8,662
7	7	13	PP	0	0	0	0	0
7	7	15	PP	0	0	0	0	0
7	7	16	PP	0	0	0	0	0
7	7	14	PP	0	0	0	0	0
7	7	13	STER	32,9382	117,3933	185,472	-57,4102	37,583
7	7	15	STER	4,447	133,6542	149,2517	-118,9153	42,707
7	7	16	STER	-0,9529	134,5792	145,8153	-124,3553	42,519
7	7	14	STER	1,2869	118,3182	208,8211	-66,1681	29,688
7	7	13	SSOVR	18,4223	56,399	104,8294	-18,39	33,133
7	7	15	SSOVR	-0,1289	65,3071	77,3136	-55,2023	40,141
7	7	16	SSOVR	-0,6226	65,9509	75,2091	-57,9801	41,014
7	7	14	SSOVR	0,8612	57,0427	122,9373	-25,7932	25,045
8	8	15	PP	0	0	0	0	0
8	8	17	PP	0	0	0	0	0
8	8	18	PP	0	0	0	0	0
8	8	16	PP	0	0	0	0	0
8	8	15	STER	3,5509	138,072	150,8402	-125,8806	43,15
8	8	17	STER	-3,3458	140,9036	130,0149	-152,2189	46,575
8	8	18	STER	-0,328	142,2404	133,0759	-151,9902	46,836
8	8	16	STER	0,5396	139,4088	155,386	-124,9706	41,997
8	8	15	SSOVR	-0,7158	66,4215	76,4668	-57,8766	40,715
8	8	17	SSOVR	-4,9362	66,6068	60,0396	-73,2149	45,71
8	8	18	SSOVR	-0,2091	67,5785	62,6909	-72,814	47,054
8	8	16	SSOVR	0,3493	67,3932	79,8445	-56,7843	40,29
9	9	17	PP	0	0	0	0	0
9	9	19	PP	0	0	0	0	0
9	9	20	PP	0	0	0	0	0
9	9	18	PP	0	0	0	0	0
9	9	17	STER	-3,4275	142,0306	130,9042	-153,5982	46,596
9	9	19	STER	-6,4309	141,7274	122,7451	-161,9293	47,653
9	9	20	STER	-0,0987	142,1259	126,1504	-160,0981	48,386



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
9	9	18	STER	-0,0433	142,4291	134,0829	-151,2894	46,72
9	9	17	SSOVR	-4,9826	65,7381	59,0344	-72,4881	45,76
9	9	19	SSOVR	-6,3359	64,1459	51,9369	-76,9468	47,747
9	9	20	SSOVR	-0,0175	64,5525	55,0166	-75,7347	49,551
9	9	18	SSOVR	-0,0476	66,1447	61,7224	-70,8769	46,959
10	10	19	PP	0	0	0	0	0
10	10	21	PP	0	0	0	0	0
10	10	22	PP	0	0	0	0	0
10	10	20	PP	0	0	0	0	0
10	10	19	STER	-6,4355	140,9132	121,9214	-161,1332	47,67
10	10	21	STER	-6,9419	139,585	123,054	-156,8233	47,037
10	10	22	STER	0,0244	139,2065	126,1085	-153,6704	47,832
10	10	20	STER	-0,0167	140,5348	124,7971	-158,2526	48,391
10	10	19	SSOVR	-6,2762	62,3241	50,2913	-74,9427	47,772
10	10	21	SSOVR	-4,4441	61,1001	51,3527	-71,3516	47,598
10	10	22	SSOVR	0,1111	61,1227	54,3359	-68,7871	48,422
10	10	20	SSOVR	-0,076	62,3467	52,6832	-73,7524	49,761
11	11	21	PP	0	0	0	0	0
11	11	23	PP	0	0	0	0	0
11	11	24	PP	0	0	0	0	0
11	11	22	PP	0	0	0	0	0
11	11	21	STER	-6,9769	138,4089	121,7809	-155,7604	47,069
11	11	23	STER	-3,663	136,5125	131,4365	-141,6032	45,298
11	11	24	STER	-0,2859	135,8187	130,3454	-141,4979	46,115
11	11	22	STER	0,0651	137,7152	124,7383	-152,0563	47,846
11	11	21	SSOVR	-4,5299	60,6048	50,6181	-71,1314	47,699
11	11	23	SSOVR	6,0733	59,3828	65,3788	-53,3868	45,037
11	11	24	SSOVR	-0,2843	59,8503	59,5158	-60,1848	45,024
11	11	22	SSOVR	0,1402	61,0723	54,3663	-68,6426	48,398
12	12	23	PP	0	0	0	0	0
12	12	25	PP	0	0	0	0	0
12	12	26	PP	0	0	0	0	0
12	12	24	PP	0	0	0	0	0
12	12	23	STER	-3,6786	134,3392	129,2167	-139,4773	45,31
12	12	25	STER	-8,6997	131,6163	130,6763	-132,9883	43,36
12	12	26	STER	0,6582	130,137	132,0309	-128,2547	44,729
12	12	24	STER	-0,223	132,8598	127,5727	-138,3477	46,113
12	12	23	SSOVR	6,0689	57,9157	63,8986	-51,933	45,043
12	12	25	SSOVR	-4,4503	56,4914	52,4765	-60,5095	44,78
12	12	26	SSOVR	0,3505	55,3191	54,1097	-56,5738	45,819
12	12	24	SSOVR	-0,2686	56,7435	56,456	-57,0309	45,01
13	13	25	PP	0	0	0	0	0
13	13	27	PP	0	0	0	0	0
13	13	28	PP	0	0	0	0	0
13	13	26	PP	0	0	0	0	0
13	13	25	STER	-8,7099	128,4559	127,4893	-129,8627	43,324
13	13	27	STER	-10,0111	123,3893	134,0048	-115,7281	40,589
13	13	28	STER	-2,687	121,8949	130,7618	-114,0283	42,409
13	13	26	STER	0,9161	126,9614	129,6351	-124,3117	44,606
13	13	25	SSOVR	-4,3734	55,4872	51,7045	-59,2761	44,697
13	13	27	SSOVR	-6,1131	53,1669	52,4814	-54,3552	42,22
13	13	28	SSOVR	-1,0017	52,566	51,5711	-53,5609	44,996
13	13	26	SSOVR	0,416	54,8863	53,8698	-55,9412	45,758
14	14	27	PP	0	0	0	0	0
14	14	29	PP	0	0	0	0	0
14	14	30	PP	0	0	0	0	0
14	14	28	PP	0	0	0	0	0
14	14	27	STER	-10,1686	115,6573	125,8465	-108,5152	40,375
14	14	29	STER	-17,4561	106,5223	113,7506	-103,938	39,072
14	14	30	STER	9,6267	107,2552	119,4131	-95,1555	44,332
14	14	28	STER	-2,2595	116,3902	126,6471	-107,3486	42,079
14	14	27	SSOVR	-6,23	49,1365	48,0967	-50,6721	42,128
14	14	29	SSOVR	-8,0045	44,7975	45,8778	-45,2489	39,74
14	14	30	SSOVR	3,3276	44,882	48,2098	-41,5543	45
14	14	28	SSOVR	-0,7702	49,2211	48,9229	-49,5237	44,727
15	15	29	PP	0	0	0	0	0
15	15	31	PP	0	0	0	0	0
15	15	32	PP	0	0	0	0	0

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
15	15	30	PP	0	0	0	0	0
15	15	29	STER	-18,5945	94,2679	97,8752	-94,8928	38,986
15	15	31	STER	-14,9664	43,7342	8,0975	-97,896	62,194
15	15	32	STER	-43,4727	45,5071	-32,2835	-228,5526	76,186
15	15	30	STER	14,2256	96,0408	122,6764	-70,8254	41,527
15	15	29	SSOVR	-8,4689	39,3687	38,9778	-41,1349	39,684
15	15	31	SSOVR	-3,6521	18,2118	8,6657	-30,5781	55,927
15	15	32	SSOVR	-15,5215	18,985	-10,1763	-82,9525	74,276
15	15	30	SSOVR	5,2028	40,1419	49,27	-31,3633	42,331
16	16	33	PP	0	0	0	0	0
16	16	34	PP	0	0	0	0	0
16	16	2	PP	0	0	0	0	0
16	16	1	PP	0	0	0	0	0
16	16	33	STER	-2,6751	0,358	3,3618	-2,6963	3,394
16	16	34	STER	-7,1394	-1,388	3,4623	-7,3211	-7,459
16	16	2	STER	-2,7595	-1,993	3,4153	-3,4028	-17,888
16	16	1	STER	-3,307	-0,247	-0,6712	-3,3301	-5,354
16	16	33	SSOVR	-3,2142	-0,0425	5,2888	-3,2144	-0,286
16	16	34	SSOVR	-8,5428	-3,0966	5,3769	-9,2317	-12,542
16	16	2	SSOVR	-4,4561	-3,8471	4,1331	-6,1792	-24,127
16	16	1	SSOVR	-4,6766	-0,7929	-0,9966	-4,8474	-12,16
17	17	34	PP	0	0	0	0	0
17	17	35	PP	0	0	0	0	0
17	17	5	PP	0	0	0	0	0
17	17	2	PP	0	0	0	0	0
17	17	34	STER	-7,4565	-2,112	2,1589	-7,9204	-12,388
17	17	35	STER	-5,6276	-1,6082	12,2331	-5,7724	-5,145
17	17	5	STER	-0,7863	-1,6862	14,5378	-0,9719	-6,279
17	17	2	STER	-2,7399	-2,19	3,6237	-3,4936	-18,991
17	17	34	SSOVR	-8,9756	-4,9737	4,377	-10,8282	-20,43
17	17	35	SSOVR	-7,6984	-5,9909	13,5367	-9,3886	-15,755
17	17	5	SSOVR	-3,6319	-6,1765	12,9476	-5,9329	-20,432
17	17	2	SSOVR	-4,467	-5,1593	5,1293	-7,2409	-28,264
18	18	35	PP	0	0	0	0	0
18	18	36	PP	0	0	0	0	0
18	18	7	PP	0	0	0	0	0
18	18	5	PP	0	0	0	0	0
18	18	35	STER	-5,6093	-0,4449	12,1912	-5,6204	-1,432
18	18	36	STER	0,0948	2,612	37,9099	-0,0856	3,951
18	18	7	STER	5,6689	2,6948	46,6277	5,4916	3,764
18	18	5	STER	-0,6918	-0,3621	14,8331	-0,7003	-1,336
18	18	35	SSOVR	-7,6685	-7,0225	14,2462	-9,9188	-17,768
18	18	36	SSOVR	-4,2676	-6,8594	31,4785	-5,5839	-10,863
18	18	7	SSOVR	0,4954	-6,9461	34,8199	-0,9102	-11,44
18	18	5	SSOVR	-3,5588	-7,1091	13,9063	-6,4525	-22,149
19	19	36	PP	0	0	0	0	0
19	19	37	PP	0	0	0	0	0
19	19	9	PP	0	0	0	0	0
19	19	7	PP	0	0	0	0	0
19	19	36	STER	-0,2132	7,4332	37,6487	-1,6725	11,107
19	19	37	STER	16,269	12,7463	103,6232	14,4091	8,302
19	19	9	STER	33,3254	15,2116	110,8741	30,3416	11,098
19	19	7	STER	6,5661	9,8985	53,0447	4,4581	12,023
19	19	36	SSOVR	-4,4636	-5,5422	30,0714	-5,353	-9,117
19	19	37	SSOVR	6,471	-3,929	74,1248	6,2428	-3,324
19	19	9	SSOVR	18,5786	-2,3861	75,2603	18,4781	-2,411
19	19	7	SSOVR	1,0805	-3,9994	36,7879	0,6326	-6,391
20	20	37	PP	0	0	0	0	0
20	20	38	PP	0	0	0	0	0
20	20	11	PP	0	0	0	0	0
20	20	9	PP	0	0	0	0	0
20	20	37	STER	16,6704	15,7227	106,5213	13,9191	9,925
20	20	38	STER	-9,3307	43,309	175,4542	-19,4812	13,191
20	20	11	STER	155,1379	50,2881	317,6446	139,5762	17,195
20	20	9	STER	32,208	22,7018	109,0131	25,4979	16,466
20	20	37	SSOVR	6,7284	-3,7562	75,3896	6,523	-3,131
20	20	38	SSOVR	-10,2194	12,737	117,7562	-11,4871	5,684
20	20	11	SSOVR	98,5702	17,2865	206,2661	95,7955	9,119



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
20	20	9	SSOVR	17,8546	0,7933	71,5517	17,8429	0,846
21	21	38	PP	0	0	0	0	0
21	21	39	PP	0	0	0	0	0
21	21	13	PP	0	0	0	0	0
21	21	11	PP	0	0	0	0	0
21	21	38	STER	-9,333	97,8312	209,107	-53,148	24,126
21	21	39	STER	13,9772	125,3319	183,5976	-78,6301	36,461
21	21	13	STER	31,2552	118,5806	182,5218	-61,7023	38,094
21	21	11	STER	155,1353	91,0799	345,6195	111,5855	25,555
21	21	38	SSOVR	-10,22	46,8732	131,9404	-25,6751	18,248
21	21	39	SSOVR	5,2396	63,3042	107,3275	-34,0151	31,803
21	21	13	SSOVR	17,3236	58,8845	104,2761	-22,5532	34,106
21	21	11	SSOVR	98,569	42,4535	218,5114	83,5426	19,491
22	22	39	PP	0	0	0	0	0
22	22	40	PP	0	0	0	0	0
22	22	15	PP	0	0	0	0	0
22	22	13	PP	0	0	0	0	0
22	22	39	STER	13,5859	128,0922	184,8416	-82,2218	36,795
22	22	40	STER	-5,3997	133,0751	136,002	-130,6386	43,262
22	22	15	STER	4,7418	130,782	146,5562	-115,8661	42,682
22	22	13	STER	32,3432	125,7991	193,3158	-65,968	38,007
22	22	39	SSOVR	4,9846	63,3394	106,3689	-34,5863	31,995
22	22	40	SSOVR	-7,2413	64,7504	69,5751	-61,8209	40,128
22	22	15	SSOVR	0,0669	63,3176	75,4574	-53,1111	40,026
22	22	13	SSOVR	18,0315	61,9066	109,7319	-23,7614	34,023
23	23	40	PP	0	0	0	0	0
23	23	41	PP	0	0	0	0	0
23	23	17	PP	0	0	0	0	0
23	23	15	PP	0	0	0	0	0
23	23	40	STER	-5,0803	137,723	141,6389	-134,3587	43,188
23	23	41	STER	-13,675	140,6709	122,5566	-158,9299	45,918
23	23	17	STER	-3,3562	140,5746	129,6799	-151,8964	46,578
23	23	15	STER	3,8456	137,6267	150,5651	-125,2518	43,168
23	23	40	SSOVR	-7,0309	65,9417	71,4517	-62,4356	40,037
23	23	41	SSOVR	-12,2939	66,1207	55,8708	-76,4319	44,128
23	23	17	SSOVR	-4,9436	66,2136	59,6419	-72,8262	45,713
23	23	15	SSOVR	-0,52	66,0345	76,1899	-57,3648	40,723
24	24	41	PP	0	0	0	0	0
24	24	42	PP	0	0	0	0	0
24	24	19	PP	0	0	0	0	0
24	24	17	PP	0	0	0	0	0
24	24	41	STER	-13,6931	141,9119	123,7437	-160,2259	45,918
24	24	42	STER	-16,6156	142,1118	117,0989	-167,652	46,744
24	24	19	STER	-6,3926	141,9843	123,0253	-162,1634	47,651
24	24	17	STER	-3,4379	141,7844	130,6519	-153,3584	46,598
24	24	41	SSOVR	-12,3046	65,2124	54,93	-75,5557	44,125
24	24	42	SSOVR	-13,4577	63,8386	48,4046	-79,3357	45,901
24	24	19	SSOVR	-6,2892	64,0283	51,8497	-76,8035	47,76
24	24	17	SSOVR	-4,99	65,4022	58,694	-72,1567	45,763
25	25	42	PP	0	0	0	0	0
25	25	43	PP	0	0	0	0	0
25	25	21	PP	0	0	0	0	0
25	25	19	PP	0	0	0	0	0
25	25	42	STER	-16,6247	141,758	116,7196	-167,3273	46,752
25	25	43	STER	-16,8232	140,5826	119,2421	-162,073	45,935
25	25	21	STER	-6,946	140,1097	123,5748	-157,3491	47,029
25	25	19	STER	-6,3972	141,2852	122,3163	-161,4821	47,666
25	25	42	SSOVR	-13,4856	62,2154	46,7004	-77,7988	45,95
25	25	43	SSOVR	-12,063	60,2289	47,6234	-72,8393	45,259
25	25	21	SSOVR	-4,4875	60,4582	50,6859	-70,7367	47,617
25	25	19	SSOVR	-6,2294	62,4447	50,4412	-75,0365	47,775
26	26	43	PP	0	0	0	0	0
26	26	44	PP	0	0	0	0	0
26	26	23	PP	0	0	0	0	0
26	26	21	PP	0	0	0	0	0
26	26	43	STER	-16,8057	139,1769	117,8884	-160,6145	45,938
26	26	44	STER	-17,3391	138,074	125,3199	-150,9754	44,064
26	26	23	STER	-3,6784	137,316	132,2307	-142,4159	45,295

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
26	26	21	STER	-6,9811	138,4189	121,7882	-155,7728	47,068
26	26	43	SSOVR	-12,0291	58,1129	45,6086	-70,621	45,235
26	26	44	SSOVR	-13,4608	58,1006	50,4088	-66,3136	42,292
26	26	23	SSOVR	6,1158	58,5328	64,5543	-52,5113	45,046
26	26	21	SSOVR	-4,5732	58,545	48,5401	-69,1054	47,785
27	27	44	PP	0	0	0	0	0
27	27	45	PP	0	0	0	0	0
27	27	25	PP	0	0	0	0	0
27	27	23	PP	0	0	0	0	0
27	27	44	STER	-17,3313	137,5824	124,8523	-150,4613	44,058
27	27	45	STER	-15,7159	135,5929	133,9527	-138,5568	42,175
27	27	25	STER	-8,6289	134,0625	133,1594	-135,3865	43,396
27	27	23	STER	-3,6941	136,0519	130,9201	-141,1992	45,304
27	27	44	SSOVR	-13,4582	60,3796	52,6865	-68,5751	42,391
27	27	45	SSOVR	-10,0466	60,159	55,624	-65,1566	42,492
27	27	25	SSOVR	-4,4674	59,2437	55,2185	-63,2721	44,787
27	27	23	SSOVR	6,1114	59,4643	65,4727	-53,456	45,05
28	28	45	PP	0	0	0	0	0
28	28	46	PP	0	0	0	0	0
28	28	27	PP	0	0	0	0	0
28	28	25	PP	0	0	0	0	0
28	28	45	STER	-15,7074	131,5822	129,9896	-134,5423	42,086
28	28	46	STER	-15,585	125,7705	139,3343	-117,6912	39,071
28	28	27	STER	-10,1907	124,4308	134,9372	-116,8761	40,609
28	28	25	STER	-8,6391	130,2425	129,3138	-131,6022	43,353
28	28	45	SSOVR	-10,0738	57,2762	52,6664	-62,3618	42,393
28	28	46	SSOVR	-9,6461	53,8742	53,9675	-55,272	40,261
28	28	27	SSOVR	-6,141	53,3391	52,6371	-54,5444	42,223
28	28	25	SSOVR	-4,3905	56,7411	52,9482	-60,5403	44,7
29	29	46	PP	0	0	0	0	0
29	29	47	PP	0	0	0	0	0
29	29	29	PP	0	0	0	0	0
29	29	27	PP	0	0	0	0	0
29	29	46	STER	-15,3732	117,4137	131,8969	-108,9834	38,564
29	29	47	STER	-9,7172	107,4808	128,4256	-93,3417	37,884
29	29	29	STER	-17,153	107,1861	114,5574	-104,3812	39,139
29	29	27	STER	-10,3483	117,1191	127,1931	-110,0773	40,415
29	29	46	SSOVR	-9,5372	49,697	50,218	-50,8691	39,749
29	29	47	SSOVR	-5,1345	45,0187	51,9296	-40,6503	38,27
29	29	29	SSOVR	-7,9111	45,0482	46,1737	-45,4326	39,792
29	29	27	SSOVR	-6,2579	49,7266	48,6683	-51,2771	42,156
30	30	47	PP	0	0	0	0	0
30	30	48	PP	0	0	0	0	0
30	30	31	PP	0	0	0	0	0
30	30	29	PP	0	0	0	0	0
30	30	47	STER	-9,8228	85,5842	106,9817	-72,5314	36,231
30	30	48	STER	7,4122	34,6481	59,9229	-15,4497	33,418
30	30	31	STER	-14,9664	39,1649	4,3944	-94,1929	63,695
30	30	29	STER	-18,2914	90,101	93,9593	-90,6133	38,753
30	30	47	SSOVR	-5,1892	35,5789	42,6185	-31,6672	36,657
30	30	48	SSOVR	5,6032	14,3099	34,9853	-1,3661	25,967
30	30	31	SSOVR	-3,6521	16,2851	6,8919	-28,8042	57,078
30	30	29	SSOVR	-8,3754	37,554	37,2446	-39,2896	39,461
31	31	49	PP	0	0	0	0	0
31	31	34	PP	0	0	0	0	0
31	31	33	PP	0	0	0	0	0
31	31	49	STER	-9,4413	1,5567	-0,313	-9,7068	9,678
31	31	34	STER	-6,6764	0,7255	3,4252	-6,7285	4,108
31	31	33	STER	-4,7719	-0,6906	2,9828	-4,8334	-5,089
31	31	49	SSOVR	-9,063	-0,3018	3,0505	-9,0705	-1,427
31	31	34	SSOVR	-7,7852	-0,6556	4,8735	-7,8192	-2,965
31	31	33	SSOVR	-6,9975	-1,2977	4,6762	-7,1417	-6,343
32	32	49	PP	0	0	0	0	0
32	32	50	PP	0	0	0	0	0
32	32	35	PP	0	0	0	0	0
32	32	34	PP	0	0	0	0	0
32	32	49	STER	-7,9627	2,14	7,1185	-8,2663	8,076
32	32	50	STER	-21,7343	1,4333	7,1092	-21,8055	2,845



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
32	32	35	STER	-5,5965	-1,5835	12,2351	-5,7371	-5,075
32	32	34	STER	-6,9935	-0,8768	1,8742	-7,0802	-5,647
32	32	49	SSOVR	-7,1006	-0,8976	12,8952	-7,1409	-2,57
32	32	50	SSOVR	-17,8663	-3,6295	13,3917	-18,2877	-6,623
32	32	35	SSOVR	-7,731	-6,1575	13,6161	-9,5071	-16,09
32	32	34	SSOVR	-8,2179	-3,4257	3,6635	-9,2056	-16,083
33	33	50	PP	0	0	0	0	0
33	33	51	PP	0	0	0	0	0
33	33	36	PP	0	0	0	0	0
33	33	35	PP	0	0	0	0	0
33	33	50	STER	-21,9189	1,7475	6,2232	-22,0274	3,553
33	33	51	STER	-27,5481	4,2443	23,3734	-27,9018	4,765
33	33	36	STER	0,0842	2,4826	37,8904	-0,0788	3,757
33	33	35	STER	-5,5781	-0,0142	12,1863	-5,5782	-0,046
33	33	50	SSOVR	-18,1555	-5,4281	12,4856	-19,1171	-10,046
33	33	51	SSOVR	-20,8995	-5,5245	26,3196	-21,5458	-6,673
33	33	36	SSOVR	-4,263	-6,7267	31,4308	-5,5306	-10,673
33	33	35	SSOVR	-7,7011	-6,6303	14,0138	-9,7256	-16,979
34	34	51	PP	0	0	0	0	0
34	34	52	PP	0	0	0	0	0
34	34	37	PP	0	0	0	0	0
34	34	36	PP	0	0	0	0	0
34	34	51	STER	-27,5614	10,009	24,864	-29,4723	10,809
34	34	52	STER	-45,2532	19,2794	56,3847	-48,9103	10,741
34	34	37	STER	14,0783	14,6185	103,7094	11,6941	9,263
34	34	36	STER	-0,2238	5,3481	36,9566	-0,9931	8,185
34	34	51	SSOVR	-20,9051	-3,7244	25,9409	-21,2012	-4,546
34	34	52	SSOVR	-32,0474	0,3878	46,7055	-32,0493	0,282
34	34	37	SSOVR	5,0357	-2,684	73,7145	4,9308	-2,238
34	34	36	SSOVR	-4,459	-6,7962	30,504	-5,7801	-11
35	35	52	PP	0	0	0	0	0
35	35	53	PP	0	0	0	0	0
35	35	38	PP	0	0	0	0	0
35	35	37	PP	0	0	0	0	0
35	35	52	STER	-45,1308	36,7224	65,5264	-57,3174	18,359
35	35	53	STER	-50,6409	60,3829	86,7794	-77,1733	23,721
35	35	38	STER	-4,2769	50,9213	180,3582	-18,3207	15,419
35	35	37	STER	14,4797	27,2608	111,029	6,7825	15,767
35	35	52	SSOVR	-31,9594	10,0055	48,3897	-33,2053	7,098
35	35	53	SSOVR	-35,0505	23,8734	58,8479	-41,1202	14,265
35	35	38	SSOVR	-6,9013	17,7223	119,6343	-9,3834	7,973
35	35	37	SSOVR	5,2931	3,8544	75,1098	5,0804	3,16
36	36	53	PP	0	0	0	0	0
36	36	54	PP	0	0	0	0	0
36	36	39	PP	0	0	0	0	0
36	36	38	PP	0	0	0	0	0
36	36	53	STER	-50,6322	81,9332	103,7686	-94,1103	27,953
36	36	54	STER	-51,6404	105,5141	109,3514	-120,7943	33,241
36	36	39	STER	11,7405	113,9706	171,7309	-69,4474	35,464
36	36	38	STER	-4,2792	90,3897	205,2891	-43,2655	23,331
36	36	53	SSOVR	-35,0474	36,3239	65,8682	-48,1219	19,796
36	36	54	SSOVR	-35,3146	50,1271	65,0466	-60,3515	26,541
36	36	39	SSOVR	3,7729	55,7772	100,0825	-28,5301	30,077
36	36	38	SSOVR	-6,9019	41,974	130,0165	-19,7696	17,044
37	37	54	PP	0	0	0	0	0
37	37	55	PP	0	0	0	0	0
37	37	40	PP	0	0	0	0	0
37	37	39	PP	0	0	0	0	0
37	37	54	STER	-51,7681	122,7155	124,8316	-137,0405	34,795
37	37	55	STER	-42,198	131,6399	110,0366	-156,0293	40,851
37	37	40	STER	-5,3106	135,275	138,2492	-132,7788	43,298
37	37	39	STER	11,3492	126,3505	182,0885	-82,1528	36,502
37	37	54	SSOVR	-35,398	59,5801	72,4943	-68,2992	28,908
37	37	55	SSOVR	-28,809	63,5046	57,4103	-75,5832	36,373
37	37	40	SSOVR	-7,1801	66,0454	70,8845	-63,0569	40,232
37	37	39	SSOVR	3,518	62,1209	104,6592	-34,6366	31,558
38	38	55	PP	0	0	0	0	0
38	38	56	PP	0	0	0	0	0



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
38	38	41	PP	0	0	0	0	0
38	38	40	PP	0	0	0	0	0
38	38	55	STER	-42,2466	137	115,1837	-161,4676	41,031
38	38	56	STER	-40,5794	139,5337	103,571	-175,6443	44,068
38	38	41	STER	-13,7682	140,6789	122,5075	-158,9926	45,911
38	38	40	STER	-4,9911	138,1451	142,1114	-134,7243	43,201
38	38	55	SSOVR	-28,841	65,0774	58,7995	-77,1643	36,596
38	38	56	SSOVR	-27,6268	64,883	47,1348	-83,9365	40,954
38	38	41	SSOVR	-12,3559	65,864	55,5778	-76,2133	44,114
38	38	40	SSOVR	-6,9698	66,0584	71,5991	-62,5097	40,056
39	39	56	PP	0	0	0	0	0
39	39	57	PP	0	0	0	0	0
39	39	42	PP	0	0	0	0	0
39	39	41	PP	0	0	0	0	0
39	39	56	STER	-40,5467	141,2489	105,3855	-177,2626	44,066
39	39	57	STER	-38,6776	141,8301	103,4824	-180,1785	44,933
39	39	42	STER	-16,6246	142,3803	117,3613	-167,9252	46,74
39	39	41	STER	-13,7864	141,7992	123,5739	-160,1679	45,911
39	39	56	SSOVR	-27,6072	64,174	46,4973	-83,1814	40,892
39	39	57	SSOVR	-26,5166	62,8828	41,7997	-84,3981	42,628
39	39	42	SSOVR	-13,4521	63,5686	48,1382	-79,0625	45,906
39	39	41	SSOVR	-12,3667	64,8597	54,541	-75,2411	44,11
40	40	57	PP	0	0	0	0	0
40	40	58	PP	0	0	0	0	0
40	40	43	PP	0	0	0	0	0
40	40	42	PP	0	0	0	0	0
40	40	57	STER	-38,671	142,0679	103,7403	-180,3964	44,931
40	40	58	STER	-35,2162	141,5378	110,2306	-172,95	44,22
40	40	43	STER	-16,9191	141,4278	120,0282	-162,9741	45,922
40	40	42	STER	-16,6337	141,958	116,9136	-167,532	46,749
40	40	57	SSOVR	-26,5087	61,5369	40,4835	-83,0345	42,57
40	40	58	SSOVR	-25,1028	60,0952	41,407	-79,4021	42,1
40	40	43	SSOVR	-12,2656	60,3299	47,6021	-73,0611	45,22
40	40	42	SSOVR	-13,48	61,7715	46,2602	-77,352	45,958
41	41	58	PP	0	0	0	0	0
41	41	59	PP	0	0	0	0	0
41	41	44	PP	0	0	0	0	0
41	41	43	PP	0	0	0	0	0
41	41	58	STER	-35,2072	141,051	109,7714	-172,4369	44,213
41	41	59	STER	-30,3794	140,1801	121,3809	-159,8629	42,728
41	41	44	STER	-17,1566	139,4799	126,8322	-152,2687	44,089
41	41	43	STER	-16,9016	140,3508	119,0029	-161,8441	45,922
41	41	58	SSOVR	-25,089	59,3955	40,7551	-78,6675	42,052
41	41	59	SSOVR	-22,1686	59,1846	45,7891	-73,7126	41,053
41	41	44	SSOVR	-13,0113	58,8365	51,3946	-66,76	42,413
41	41	43	SSOVR	-12,2317	59,0475	46,421	-71,6766	45,192
42	42	59	PP	0	0	0	0	0
42	42	60	PP	0	0	0	0	0
42	42	45	PP	0	0	0	0	0
42	42	44	PP	0	0	0	0	0
42	42	59	STER	-30,3745	138,8421	120,0624	-158,5154	42,705
42	42	60	STER	-23,8075	136,8451	135,568	-141,3073	40,65
42	42	45	STER	-15,8208	136,5481	134,8444	-139,5745	42,186
42	42	44	STER	-17,1489	138,545	125,9215	-151,3116	44,079
42	42	59	SSOVR	-22,1666	58,6828	45,2989	-73,2101	41,017
42	42	60	SSOVR	-17,8822	58,1681	51,9237	-66,3528	39,804
42	42	45	SSOVR	-10,2482	59,3166	54,6711	-64,4456	42,418
42	42	44	SSOVR	-13,0086	59,8313	52,394	-67,7432	42,453
43	43	60	PP	0	0	0	0	0
43	43	61	PP	0	0	0	0	0
43	43	46	PP	0	0	0	0	0
43	43	45	PP	0	0	0	0	0
43	43	60	STER	-23,7799	132,9867	131,8466	-137,4202	40,515
43	43	61	STER	-11,0291	126,7152	154,3608	-108,1132	37,458
43	43	46	STER	-15,2485	126,7668	140,4839	-118,4371	39,146
43	43	45	STER	-15,8123	133,0383	131,3795	-136,058	42,109
43	43	60	SSOVR	-17,8811	56,4252	50,2142	-64,6363	39,646
43	43	61	SSOVR	-9,3018	53,1533	59,3984	-50,4265	37,729

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
43	43	46	SSOVR	-9,4944	54,0751	54,2468	-55,3692	40,31
43	43	45	SSOVR	-10,2754	57,347	52,6233	-62,5607	42,357
44	44	61	PP	0	0	0	0	0
44	44	62	PP	0	0	0	0	0
44	44	47	PP	0	0	0	0	0
44	44	46	PP	0	0	0	0	0
44	44	61	STER	-11,0468	115,9869	143,9714	-97,8299	36,804
44	44	62	STER	9,314	100,2948	164,8235	-55,3705	32,82
44	44	47	STER	-9,8981	103,3018	124,2897	-89,4229	37,59
44	44	46	STER	-15,0368	118,9938	133,6101	-110,2929	38,678
44	44	61	SSOVR	-9,3145	48,0609	54,4406	-45,5445	37,01
44	44	62	SSOVR	2,3093	41,0291	66,1608	-24,0548	32,724
44	44	47	SSOVR	-5,2458	42,9439	49,8586	-38,7128	37,93
44	44	46	SSOVR	-9,3855	49,9757	50,5721	-51,0411	39,812
45	45	62	PP	0	0	0	0	0
45	45	63	PP	0	0	0	0	0
45	45	48	PP	0	0	0	0	0
45	45	47	PP	0	0	0	0	0
45	45	62	STER	9,1262	72,7102	139,6912	-31,3653	29,113
45	45	63	STER	34,761	26,9933	178,8615	29,7045	10,61
45	45	48	STER	7,4122	32,1133	57,6064	-13,1333	32,61
45	45	47	STER	-10,0037	77,8302	99,5366	-65,3034	35,394
45	45	62	SSOVR	2,2245	29,5341	55,6877	-14,0907	28,917
45	45	63	SSOVR	16,6673	10,773	85,0342	14,9698	8,955
45	45	48	SSOVR	5,6032	13,2276	34,1461	-0,5269	24,864
45	45	47	SSOVR	-5,3005	31,9887	39,1427	-28,3249	35,745
46	46	64	PP	0	0	0	0	0
46	46	50	PP	0	0	0	0	0
46	46	49	PP	0	0	0	0	0
46	46	64	STER	-27,4263	8,4975	-0,8246	-30,1407	17,715
46	46	50	STER	-20,066	6,2639	8,734	-21,4283	12,27
46	46	49	STER	-15,1021	2,3311	5,6488	-15,364	6,41
46	46	64	SSOVR	-19,9209	0,28	9,493	-19,9236	0,545
46	46	50	SSOVR	-15,9916	0,1319	13,3458	-15,9922	0,258
46	46	49	SSOVR	-16,0939	-1,1469	11,1046	-16,1422	-2,415
47	47	64	PP	0	0	0	0	0
47	47	65	PP	0	0	0	0	0
47	47	51	PP	0	0	0	0	0
47	47	50	PP	0	0	0	0	0
47	47	64	STER	-26,407	13,7415	7,1797	-32,0291	22,251
47	47	65	STER	-55,9411	18,0115	5,7623	-61,1988	16,273
47	47	51	STER	-27,9716	9,607	24,6876	-29,7242	10,339
47	47	50	STER	-20,2506	5,337	7,4757	-21,2779	10,895
47	47	64	SSOVR	-18,5438	2,6555	16,5769	-18,7446	4,324
47	47	65	SSOVR	-36,4853	2,999	16,1483	-36,6562	3,261
47	47	51	SSOVR	-21,3669	-2,3519	25,6973	-21,4844	-2,861
47	47	50	SSOVR	-16,2809	-2,6954	12,1544	-16,5364	-5,415
48	48	65	PP	0	0	0	0	0
48	48	66	PP	0	0	0	0	0
48	48	52	PP	0	0	0	0	0
48	48	51	PP	0	0	0	0	0
48	48	65	STER	-55,6718	24,963	11,1736	-64,9941	20,478
48	48	66	STER	-71,3535	36,9253	20,4245	-86,2098	21,917
48	48	52	STER	-43,5356	29,0052	61,1107	-51,5751	15,492
48	48	51	STER	-27,9849	17,0429	28,0518	-33,1683	16,917
48	48	65	SSOVR	-36,4085	5,5821	16,9454	-36,9925	5,973
48	48	66	SSOVR	-44,9336	11,5545	23,5901	-46,8819	9,571
48	48	52	SSOVR	-30,8756	6,6875	47,5085	-31,4462	4,876
48	48	51	SSOVR	-21,3726	0,7151	25,5622	-21,3834	0,873
49	49	66	PP	0	0	0	0	0
49	49	67	PP	0	0	0	0	0
49	49	53	PP	0	0	0	0	0
49	49	52	PP	0	0	0	0	0
49	49	66	STER	-71,3423	51,0219	31,0486	-96,7668	26,487
49	49	67	STER	-81,453	67,1654	41,2927	-118,2053	28,687
49	49	53	STER	-53,1631	62,0058	87,1446	-80,5651	23,842
49	49	52	STER	-43,4132	45,8623	71,9204	-61,6503	21,685
49	49	66	SSOVR	-44,939	18,9416	26,6282	-49,9522	14,824

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
49	49	67	SSOVR	-50,3476	27,8433	31,3957	-59,8315	18,81
49	49	53	SSOVR	-36,7283	24,7702	58,8613	-43,147	14,528
49	49	52	SSOVR	-30,7876	15,8685	50,4768	-33,8863	11,049
50	50	67	PP	0	0	0	0	0
50	50	68	PP	0	0	0	0	0
50	50	54	PP	0	0	0	0	0
50	50	53	PP	0	0	0	0	0
50	50	67	STER	-81,4721	80,6696	52,8811	-129,9085	30,982
50	50	68	STER	-84,0205	96,5742	58,2832	-149,5605	34,163
50	50	54	STER	-49,8209	98,2986	103,5593	-112,8187	32,655
50	50	53	STER	-53,1544	82,394	103,2042	-96,5724	27,787
50	50	67	SSOVR	-50,3532	35,0618	36,1027	-64,5724	22,075
50	50	68	SSOVR	-51,1747	43,8268	36,6077	-73,0559	26,531
50	50	54	SSOVR	-34,1276	45,2245	61,6103	-55,4907	25,285
50	50	53	SSOVR	-36,7252	36,4595	65,466	-49,7331	19,635
51	51	68	PP	0	0	0	0	0
51	51	69	PP	0	0	0	0	0
51	51	55	PP	0	0	0	0	0
51	51	54	PP	0	0	0	0	0
51	51	68	STER	-84,0328	109,6819	70,5199	-161,8712	35,362
51	51	69	STER	-79,2505	121,3328	70,5631	-177,517	39,004
51	51	55	STER	-42,5149	126,6446	104,9246	-151,2975	40,661
51	51	54	STER	-49,9485	114,9937	118,4489	-128,4744	34,328
51	51	68	SSOVR	-51,186	50,6488	42,1534	-78,6696	28,486
51	51	69	SSOVR	-47,5937	56,3587	37,9002	-84,7461	33,393
51	51	55	SSOVR	-29,0306	60,0495	54,0136	-72,4525	35,871
51	51	54	SSOVR	-34,2109	54,3396	68,5618	-62,9422	27,867
52	52	69	PP	0	0	0	0	0
52	52	70	PP	0	0	0	0	0
52	52	56	PP	0	0	0	0	0
52	52	55	PP	0	0	0	0	0
52	52	69	STER	-79,3007	129,248	78,1457	-185,4006	39,383
52	52	70	STER	-71,5307	133,7436	77,1583	-191,8311	41,971
52	52	56	STER	-40,5976	137,6142	101,6418	-173,7369	44,053
52	52	55	STER	-42,5635	133,1186	111,1685	-157,8327	40,89
52	52	69	SSOVR	-47,6267	59,6754	40,838	-87,8818	34,002
52	52	70	SSOVR	-42,7549	60,7632	35,6887	-89,8227	37,762
52	52	56	SSOVR	-27,6526	63,4344	45,6869	-82,5196	40,858
52	52	55	SSOVR	-29,0625	62,3466	56,0838	-74,7145	36,213
53	53	70	PP	0	0	0	0	0
53	53	71	PP	0	0	0	0	0
53	53	57	PP	0	0	0	0	0
53	53	56	PP	0	0	0	0	0
53	53	70	STER	-71,5323	136,9325	80,3246	-195,0073	42,042
53	53	71	STER	-63,232	138,3464	84,9497	-192,3958	43,034
53	53	57	STER	-38,6897	140,8328	102,4779	-179,1886	44,932
53	53	56	STER	-40,5649	139,419	103,5459	-175,4448	44,052
53	53	70	SSOVR	-42,7555	61,1259	36,0377	-90,1755	37,803
53	53	71	SSOVR	-38,3031	60,4339	34,4313	-88,5168	39,723
53	53	57	SSOVR	-26,5582	62,0898	40,9859	-83,6342	42,591
53	53	56	SSOVR	-27,633	62,7818	45,1058	-81,8208	40,798
54	54	71	PP	0	0	0	0	0
54	54	72	PP	0	0	0	0	0
54	54	58	PP	0	0	0	0	0
54	54	57	PP	0	0	0	0	0
54	54	71	STER	-63,2206	139,2392	85,8764	-193,2538	43,042
54	54	72	STER	-52,9957	139,2463	98,3133	-181,1409	42,623
54	54	58	STER	-35,1277	141,1155	109,8606	-172,4738	44,224
54	54	57	STER	-38,6831	141,1084	102,7735	-179,4442	44,929
54	54	71	SSOVR	-38,2924	59,6784	33,7247	-87,7461	39,648
54	54	72	SSOVR	-33,1524	58,6898	36,8576	-82,3524	39,973
54	54	58	SSOVR	-24,937	59,8429	41,2488	-79,0449	42,119
54	54	57	SSOVR	-26,5503	60,8315	39,7572	-82,3581	42,534
55	55	72	PP	0	0	0	0	0
55	55	73	PP	0	0	0	0	0
55	55	59	PP	0	0	0	0	0
55	55	58	PP	0	0	0	0	0
55	55	72	STER	-52,9889	138,8075	97,8976	-180,6843	42,612



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
55	55	73	STER	-41,7596	137,8482	115,0512	-162,9382	41,318
55	55	59	STER	-30,4334	139,6579	120,8297	-159,3765	42,716
55	55	58	STER	-35,1187	140,6172	109,3899	-171,9493	44,218
55	55	72	SSOVR	-33,1465	57,7548	35,9569	-81,4165	39,888
55	55	73	SSOVR	-27,2746	56,9457	42,3139	-73,8744	39,294
55	55	59	SSOVR	-22,3829	58,2837	44,7804	-72,9609	40,951
55	55	58	SSOVR	-24,9232	59,0928	40,5467	-78,2601	42,069
56	56	73	PP	0	0	0	0	0
56	56	74	PP	0	0	0	0	0
56	56	60	PP	0	0	0	0	0
56	56	59	PP	0	0	0	0	0
56	56	73	STER	-41,7538	136,08	113,3165	-161,1691	41,268
56	56	74	STER	-27,6774	133,6059	136,1203	-136,6565	39,203
56	56	60	STER	-23,6806	135,8175	134,6207	-140,2077	40,629
56	56	59	STER	-30,4286	138,2917	119,4831	-158,001	42,691
56	56	73	SSOVR	-27,272	55,6976	41,0998	-72,6448	39,167
56	56	74	SSOVR	-19,6889	54,425	50,2222	-62,0581	37,9
56	56	60	SSOVR	-17,7016	56,3996	50,2801	-64,4924	39,68
56	56	59	SSOVR	-22,3808	57,6723	44,1818	-72,3501	40,907
57	57	74	PP	0	0	0	0	0
57	57	75	PP	0	0	0	0	0
57	57	61	PP	0	0	0	0	0
57	57	60	PP	0	0	0	0	0
57	57	74	STER	-27,6667	128,7579	131,4115	-131,8833	38,987
57	57	75	STER	-4,3219	120,9165	168,3093	-89,0157	35,009
57	57	61	STER	-11,1299	124,145	151,8311	-105,7046	37,3
57	57	60	STER	-23,6529	131,9864	130,9269	-136,3482	40,492
57	57	74	SSOVR	-19,687	52,0049	47,8861	-59,7105	37,582
57	57	75	SSOVR	-6,9654	48,3336	63,4358	-40,1486	34,471
57	57	61	SSOVR	-9,3749	50,9536	57,2359	-48,3516	37,414
57	57	60	SSOVR	-17,7004	54,625	48,5409	-62,7461	39,51
58	58	75	PP	0	0	0	0	0
58	58	76	PP	0	0	0	0	0
58	58	62	PP	0	0	0	0	0
58	58	61	PP	0	0	0	0	0
58	58	75	STER	-4,3441	108,2608	156,4125	-77,2518	33,958
58	58	76	STER	24,176	89,9008	204,381	-20,6738	26,514
58	58	62	STER	8,9405	94,6773	159,5723	-50,5675	32,151
58	58	61	STER	-11,1476	113,0373	141,0958	-95,0753	36,593
58	58	75	SSOVR	-6,9823	42,7707	58,2229	-35,0373	33,262
58	58	76	SSOVR	8,1854	34,9572	80,9214	-8,6152	25,669
58	58	62	SSOVR	2,1375	37,9568	63,3129	-21,4131	31,818
58	58	61	SSOVR	-9,3875	45,7703	52,2073	-43,3988	36,616
59	59	76	PP	0	0	0	0	0
59	59	77	PP	0	0	0	0	0
59	59	63	PP	0	0	0	0	0
59	59	62	PP	0	0	0	0	0
59	59	76	STER	24,1012	62,8705	183,8938	-0,6352	21,477
59	59	77	STER	56,4535	22,4981	284,4871	54,2338	5,635
59	59	63	STER	34,761	25,7543	178,422	30,144	10,164
59	59	62	STER	8,7527	66,1267	134,0296	-26,1519	27,827
59	59	76	SSOVR	8,143	24,2271	72,9641	-0,912	20,493
59	59	77	SSOVR	24,9665	8,3903	125,5327	24,2665	4,769
59	59	63	SSOVR	16,6673	10,2006	84,8625	15,1415	8,507
59	59	62	SSOVR	2,0527	26,0375	52,7188	-11,3281	27,199
60	60	78	PP	0	0	0	0	0
60	60	65	PP	0	0	0	0	0
60	60	64	PP	0	0	0	0	0
60	60	78	STER	-62,0801	35,1075	-3,1505	-82,9955	30,785
60	60	65	STER	-53,0754	27,2209	12,3954	-64,393	22,576
60	60	64	STER	-34,3701	17,4948	7,3085	-41,7136	22,77
60	60	78	SSOVR	-38,5647	12,1637	8,0579	-41,7381	14,622
60	60	65	SSOVR	-34,2223	8,803	17,9163	-35,7086	9,583
60	60	64	SSOVR	-26,4851	4,3542	15,2422	-26,9395	5,957
61	61	78	PP	0	0	0	0	0
61	61	79	PP	0	0	0	0	0
61	61	66	PP	0	0	0	0	0
61	61	65	PP	0	0	0	0	0

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
61	61	78	STER	-62,1926	43,6229	4,0838	-90,905	33,353
61	61	79	STER	-92,8483	54,9127	3,5383	-124,1327	29,671
61	61	66	STER	-71,6224	44,6072	25,9148	-92,0228	24,576
61	61	65	STER	-52,806	33,3173	18,0833	-68,4648	25,173
61	61	78	SSOVR	-38,2892	16,4787	11,6947	-43,7219	18,246
61	61	79	SSOVR	-53,9801	21,6465	11,8666	-61,0962	18,198
61	61	66	SSOVR	-45,2688	15,9248	25,1748	-48,8688	12,738
61	61	65	SSOVR	-34,1455	10,757	18,9916	-36,3232	11,444
62	62	79	PP	0	0	0	0	0
62	62	80	PP	0	0	0	0	0
62	62	67	PP	0	0	0	0	0
62	62	66	PP	0	0	0	0	0
62	62	79	STER	-92,6479	63,064	11,458	-130,85	31,206
62	62	80	STER	-102,4533	74,0444	13,2457	-149,8398	32,618
62	62	67	STER	-81,9015	69,4942	43,0892	-120,54	29,074
62	62	66	STER	-71,6112	58,5138	37,0732	-103,1141	28,297
62	62	79	SSOVR	-53,857	25,5323	14,8539	-63,3445	20,385
62	62	80	SSOVR	-58,3719	31,2252	15,5179	-71,5674	22,908
62	62	67	SSOVR	-50,6019	28,9252	31,991	-60,7319	19,301
62	62	66	SSOVR	-45,2741	23,2323	28,8314	-52,5576	17,406
63	63	80	PP	0	0	0	0	0
63	63	81	PP	0	0	0	0	0
63	63	68	PP	0	0	0	0	0
63	63	67	PP	0	0	0	0	0
63	63	80	STER	-102,4162	84,0193	22,5389	-158,9104	33,917
63	63	81	STER	-108,4581	95,1261	26,0383	-175,7385	35,271
63	63	68	STER	-83,9781	94,057	55,9672	-147,1936	33,905
63	63	67	STER	-81,9206	82,9502	54,7137	-132,2794	31,262
63	63	80	SSOVR	-58,3672	36,2374	19,2618	-75,2829	25,023
63	63	81	SSOVR	-60,5232	41,9694	19,9949	-82,3994	27,53
63	63	68	SSOVR	-51,1788	41,8555	35,0438	-71,4969	25,894
63	63	67	SSOVR	-50,6076	36,1235	36,7672	-65,5421	22,462
64	64	81	PP	0	0	0	0	0
64	64	82	PP	0	0	0	0	0
64	64	69	PP	0	0	0	0	0
64	64	68	PP	0	0	0	0	0
64	64	81	STER	-108,4878	104,069	34,4037	-184,282	36,066
64	64	82	STER	-106,6922	113,7117	38,1499	-195,9642	38,135
64	64	69	STER	-78,9149	116,4435	65,9572	-172,5084	38,791
64	64	68	STER	-83,9904	106,8008	67,8239	-159,1244	35,126
64	64	81	SSOVR	-60,5361	46,2976	23,5466	-86,0284	28,838
64	64	82	SSOVR	-58,4704	50,8487	22,8699	-90,2577	32,011
64	64	69	SSOVR	-47,3861	52,9777	34,8983	-81,495	32,775
64	64	68	SSOVR	-51,1901	48,4266	40,3013	-76,8224	27,892
65	65	82	PP	0	0	0	0	0
65	65	83	PP	0	0	0	0	0
65	65	70	PP	0	0	0	0	0
65	65	69	PP	0	0	0	0	0
65	65	82	STER	-106,7123	120,3407	44,53	-202,4652	38,509
65	65	83	STER	-98,5943	125,5688	49,8833	-204,789	40,222
65	65	70	STER	-71,4461	129,7468	73,2315	-187,8029	41,886
65	65	69	STER	-78,9651	124,5187	73,6847	-180,5368	39,205
65	65	82	SSOVR	-58,4851	53,5892	25,2893	-92,7653	32,606
65	65	83	SSOVR	-53,4631	55,3368	24,5799	-92,6999	35,339
65	65	70	SSOVR	-42,715	58,1483	33,1801	-87,2663	37,458
65	65	69	SSOVR	-47,4191	56,4007	37,9058	-84,7005	33,465
66	66	83	PP	0	0	0	0	0
66	66	84	PP	0	0	0	0	0
66	66	71	PP	0	0	0	0	0
66	66	70	PP	0	0	0	0	0
66	66	83	STER	-98,6098	128,8879	53,1059	-208,1046	40,349
66	66	84	STER	-86,1256	130,9261	63,577	-200,6302	41,172
66	66	71	STER	-63,1832	135,1397	81,7787	-189,1663	42,992
66	66	70	STER	-71,4478	133,1016	76,5617	-191,143	41,964
66	66	83	SSOVR	-53,472	56,0359	25,2077	-93,3808	35,459
66	66	84	SSOVR	-46,8041	55,9194	26,7657	-89,3076	37,238
66	66	71	SSOVR	-38,2672	58,5072	32,557	-86,5995	39,56
66	66	70	SSOVR	-42,7157	58,6237	33,6371	-87,727	37,517

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
67	67	84	PP	0	0	0	0	0
67	67	85	PP	0	0	0	0	0
67	67	72	PP	0	0	0	0	0
67	67	71	PP	0	0	0	0	0
67	67	84	STER	-86,1281	131,88	64,5141	-201,5827	41,201
67	67	85	STER	-69,7481	132,0026	82,7115	-184,0387	40,887
67	67	72	STER	-52,9635	136,2122	95,3082	-178,0971	42,573
67	67	71	STER	-63,1717	136,0896	82,7623	-190,0811	43,001
67	67	84	SSOVR	-46,8033	55,3417	26,2122	-88,7493	37,16
67	67	85	SSOVR	-38,6339	54,4046	31,5909	-80,7822	37,766
67	67	72	SSOVR	-33,1486	56,8572	35,056	-80,5463	39,815
67	67	71	SSOVR	-38,2565	57,7943	31,8932	-85,8715	39,484
68	68	85	PP	0	0	0	0	0
68	68	86	PP	0	0	0	0	0
68	68	73	PP	0	0	0	0	0
68	68	72	PP	0	0	0	0	0
68	68	85	STER	-69,7487	131,2728	81,9872	-183,318	40,864
68	68	86	STER	-52,2899	130,0257	104,878	-159,8607	39,601
68	68	73	STER	-41,7543	134,516	111,7501	-159,6308	41,228
68	68	72	STER	-52,9567	135,7631	94,8822	-177,6303	42,562
68	68	85	SSOVR	-38,6324	53,2064	30,4368	-79,6191	37,608
68	68	86	SSOVR	-30,0911	51,9969	38,5648	-69,4713	37,139
68	68	73	SSOVR	-27,3088	54,6749	40,0721	-71,6736	39,057
68	68	72	SSOVR	-33,1428	55,8844	34,1191	-79,5741	39,721
69	69	86	PP	0	0	0	0	0
69	69	87	PP	0	0	0	0	0
69	69	74	PP	0	0	0	0	0
69	69	73	PP	0	0	0	0	0
69	69	86	STER	-52,2905	127,773	102,6639	-157,6502	39,508
69	69	87	STER	-31,3963	124,6896	133,0229	-125,9563	37,175
69	69	74	STER	-27,6862	129,6566	132,2495	-132,7962	39,031
69	69	73	STER	-41,7486	132,7401	110,0084	-157,8548	41,176
69	69	86	SSOVR	-30,0911	50,3523	36,9837	-67,89	36,895
69	69	87	SSOVR	-19,8522	48,5317	48,5898	-54,2656	35,34
69	69	74	SSOVR	-19,6995	51,6046	47,4872	-59,3358	37,527
69	69	73	SSOVR	-27,3062	53,4252	38,8587	-70,4447	38,919
70	70	87	PP	0	0	0	0	0
70	70	88	PP	0	0	0	0	0
70	70	75	PP	0	0	0	0	0
70	70	74	PP	0	0	0	0	0
70	70	87	STER	-31,4039	119,1831	127,7022	-120,6814	36,836
70	70	88	STER	0,3112	110,2868	179,7787	-67,4625	31,572
70	70	75	STER	-4,4893	115,8492	163,4825	-84,3898	34,594
70	70	74	STER	-27,6755	124,7454	127,4853	-127,9677	38,798
70	70	87	SSOVR	-19,8569	45,649	45,8615	-51,5653	34,784
70	70	88	SSOVR	-4,33	41,5138	66,9616	-28,5039	30,213
70	70	75	SSOVR	-7,0183	44,9779	60,2954	-37,0718	33,75
70	70	74	SSOVR	-19,6977	49,1131	45,0908	-56,928	37,164
71	71	88	PP	0	0	0	0	0
71	71	89	PP	0	0	0	0	0
71	71	76	PP	0	0	0	0	0
71	71	75	PP	0	0	0	0	0
71	71	88	STER	0,2787	97,5998	168,4763	-56,3555	30,125
71	71	89	STER	35,6752	79,4678	244,976	5,5027	20,791
71	71	76	STER	24,0751	84,8906	200,3847	-16,7986	25,71
71	71	75	STER	-4,5115	103,0227	151,5019	-72,5421	33,439
71	71	88	SSOVR	-4,3484	36,086	62,2489	-23,9018	28,451
71	71	89	SSOVR	12,8387	28,7216	95,6598	2,8782	19,126
71	71	76	SSOVR	8,1409	31,9873	78,628	-6,375	24,409
71	71	75	SSOVR	-7,0353	39,3517	55,0854	-31,9634	32,353
72	72	89	PP	0	0	0	0	0
72	72	90	PP	0	0	0	0	0
72	72	77	PP	0	0	0	0	0
72	72	76	PP	0	0	0	0	0
72	72	89	STER	35,6121	55,0899	230,0933	20,007	15,816
72	72	90	STER	74,9949	19,4943	376,2359	73,7333	3,703
72	72	77	STER	56,4535	22,1114	284,4122	54,3087	5,54
72	72	76	STER	24,0003	57,7071	180,426	2,7115	20,25

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
72	72	89	SSOVR	12,8016	19,6216	90,4713	7,8447	14,178
72	72	90	SSOVR	31,475	6,6105	157,7213	31,1289	2,997
72	72	77	SSOVR	24,9665	8,1661	125,4961	24,3032	4,644
72	72	76	SSOVR	8,0986	21,1772	71,0269	0,9718	18,6
73	73	91	PP	0	0	0	0	0
73	73	79	PP	0	0	0	0	0
73	73	78	PP	0	0	0	0	0
73	73	91	STER	-99,1363	71,5939	-2,1877	-152,0065	36,445
73	73	79	STER	-90,6385	61,9798	10,6297	-128,5724	31,468
73	73	78	STER	-67,2311	51,1239	8,7586	-101,626	33,932
73	73	91	SSOVR	-56,1853	29,4714	6,5249	-70,0357	25,172
73	73	79	SSOVR	-52,5983	25,195	14,489	-62,0604	20,584
73	73	78	SSOVR	-42,2462	20,347	12,9686	-49,7442	20,229
74	74	91	PP	0	0	0	0	0
74	74	92	PP	0	0	0	0	0
74	74	80	PP	0	0	0	0	0
74	74	79	PP	0	0	0	0	0
74	74	91	STER	-99,2119	77,2799	2,9959	-157,6437	37,093
74	74	92	STER	-120,4074	85,6896	1,7974	-180,4927	35,038
74	74	80	STER	-102,7	77,9438	16,6938	-153,584	33,138
74	74	79	STER	-90,4381	69,5341	18,2023	-134,9426	32,621
74	74	91	SSOVR	-56,3337	32,0562	7,9242	-72,3255	26,513
74	74	92	SSOVR	-64,2131	36,1477	8,6937	-82,1354	26,373
74	74	80	SSOVR	-58,6363	32,8984	16,6462	-73,0129	23,605
74	74	79	SSOVR	-52,4751	28,807	17,5016	-64,3339	22,375
75	75	92	PP	0	0	0	0	0
75	75	93	PP	0	0	0	0	0
75	75	81	PP	0	0	0	0	0
75	75	80	PP	0	0	0	0	0
75	75	92	STER	-120,4176	90,413	6,2145	-184,9708	35,526
75	75	93	STER	-126,745	97,5345	6,6211	-198,0748	36,179
75	75	81	STER	-108,5414	95,1889	26,0587	-175,8588	35,268
75	75	80	STER	-102,6629	88,0674	26,188	-162,8555	34,352
75	75	92	SSOVR	-64,1673	38,4666	10,7508	-83,9179	27,178
75	75	93	SSOVR	-66,0493	41,8959	10,5633	-88,9602	28,672
75	75	81	SSOVR	-60,5542	41,3271	19,4583	-81,9	27,317
75	75	80	SSOVR	-58,6315	37,8978	20,4539	-76,7922	25,604
76	76	93	PP	0	0	0	0	0
76	76	94	PP	0	0	0	0	0
76	76	82	PP	0	0	0	0	0
76	76	81	PP	0	0	0	0	0
76	76	93	STER	-126,6457	103,2059	12,3947	-203,2526	36,586
76	76	94	STER	-127,9234	109,7567	15,6952	-211,802	37,388
76	76	82	STER	-106,5354	110,4965	35,1079	-192,7341	37,958
76	76	81	STER	-108,5711	103,9458	34,2467	-184,225	36,048
76	76	93	SSOVR	-66,0196	44,4456	12,8483	-91,0667	29,403
76	76	94	SSOVR	-64,8367	47,3598	13,3976	-93,5064	31,189
76	76	82	SSOVR	-58,4033	48,4947	20,7916	-88,0988	31,481
76	76	81	SSOVR	-60,5671	45,5805	22,9301	-85,4491	28,63
77	77	94	PP	0	0	0	0	0
77	77	95	PP	0	0	0	0	0
77	77	83	PP	0	0	0	0	0
77	77	82	PP	0	0	0	0	0
77	77	94	STER	-127,9672	113,6287	19,282	-215,6518	37,657
77	77	95	STER	-120,213	117,5416	27,0164	-214,0531	38,602
77	77	83	STER	-98,4646	121,0507	45,499	-200,2491	40,059
77	77	82	STER	-106,5556	117,1378	41,4907	-199,2379	38,352
77	77	94	SSOVR	-64,8562	48,7942	14,5966	-94,8221	31,555
77	77	95	SSOVR	-59,8592	50,0379	16,0682	-92,8353	33,386
77	77	83	SSOVR	-53,3881	52,4696	21,9169	-89,9469	34,867
77	77	82	SSOVR	-58,418	51,2259	23,181	-90,5764	32,12
78	78	95	PP	0	0	0	0	0
78	78	96	PP	0	0	0	0	0
78	78	84	PP	0	0	0	0	0
78	78	83	PP	0	0	0	0	0
78	78	95	STER	-120,225	119,3638	28,7527	-215,8616	38,702
78	78	96	STER	-105,6207	120,8564	42,598	-204,1661	39,194
78	78	84	STER	-86,0404	125,8962	58,64	-195,5911	41,029

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
78	78	83	STER	-98,4801	124,4035	48,7518	-203,5948	40,196
78	78	95	SSOVR	-59,8661	50,1905	16,1824	-92,9908	33,424
78	78	96	SSOVR	-52,1241	50,0064	19,8186	-86,8829	34,803
78	78	84	SSOVR	-46,7645	53,0139	23,991	-86,4855	36,843
78	78	83	SSOVR	-53,3969	53,198	22,5682	-90,6512	35,003
79	79	96	PP	0	0	0	0	0
79	79	97	PP	0	0	0	0	0
79	79	85	PP	0	0	0	0	0
79	79	84	PP	0	0	0	0	0
79	79	96	STER	-105,6273	120,8561	42,5751	-204,183	39,197
79	79	97	STER	-84,7744	120,4881	65,1712	-181,5921	38,783
79	79	85	STER	-69,7113	126,5205	77,3081	-178,5911	40,714
79	79	84	STER	-86,0429	126,8884	59,6145	-196,5809	41,061
79	79	96	SSOVR	-52,1268	49,1187	18,9775	-86,0579	34,637
79	79	97	SSOVR	-42,0211	47,9995	26,1733	-75,8062	35,14
79	79	85	SSOVR	-38,6308	51,3365	28,6272	-77,8147	37,354
79	79	84	SSOVR	-46,7637	52,4557	23,4583	-85,9479	36,76
80	80	97	PP	0	0	0	0	0
80	80	98	PP	0	0	0	0	0
80	80	86	PP	0	0	0	0	0
80	80	85	PP	0	0	0	0	0
80	80	97	STER	-84,7859	119,0368	63,7149	-180,2046	38,715
80	80	98	STER	-62,3208	117,3019	91,6627	-151,6793	37,299
80	80	86	STER	-52,2851	124,0592	99,0245	-154,0015	39,348
80	80	85	STER	-69,7119	125,7941	76,5878	-177,8744	40,69
80	80	97	SSOVR	-42,0249	46,4924	24,743	-74,3989	34,851
80	80	98	SSOVR	-31,5681	44,9747	34,5398	-62,1654	34,228
80	80	86	SSOVR	-30,1037	48,6168	35,3132	-66,2349	36,619
80	80	85	SSOVR	-38,6293	50,1344	27,474	-76,6525	37,178
81	81	98	PP	0	0	0	0	0
81	81	99	PP	0	0	0	0	0
81	81	87	PP	0	0	0	0	0
81	81	86	PP	0	0	0	0	0
81	81	98	STER	-62,3267	114,5374	88,9789	-149,0307	37,125
81	81	99	STER	-35,9117	110,9967	126,5829	-111,7313	34,336
81	81	87	STER	-31,4381	118,2541	126,8179	-119,8015	36,768
81	81	86	STER	-52,2858	121,7947	96,8028	-151,7834	39,246
81	81	98	SSOVR	-31,5703	43,0525	32,7487	-60,3879	33,797
81	81	99	SSOVR	-19,5121	40,918	46,6678	-44,8111	31,728
81	81	87	SSOVR	-19,8818	44,8256	45,0946	-50,8059	34,601
81	81	86	SSOVR	-30,1037	46,9601	33,7294	-64,6508	36,341
82	82	99	PP	0	0	0	0	0
82	82	100	PP	0	0	0	0	0
82	82	88	PP	0	0	0	0	0
82	82	87	PP	0	0	0	0	0
82	82	99	STER	-35,9288	105,3662	121,2919	-106,5432	33,829
82	82	100	STER	2,816	96,456	188,8588	-47,1927	27,405
82	82	88	STER	0,2116	103,7782	173,9679	-61,7713	30,848
82	82	87	STER	-31,4458	112,6885	121,4636	-114,493	36,389
82	82	99	SSOVR	-19,5202	37,9402	43,9923	-42,1844	30,853
82	82	100	SSOVR	-2,067	33,7911	70,3045	-17,8445	25,028
82	82	88	SSOVR	-4,3693	37,7557	63,7166	-25,306	29,01
82	82	87	SSOVR	-19,8864	41,9048	42,3585	-48,0978	33,949
83	83	100	PP	0	0	0	0	0
83	83	101	PP	0	0	0	0	0
83	83	89	PP	0	0	0	0	0
83	83	88	PP	0	0	0	0	0
83	83	100	STER	2,7844	84,9058	179,4891	-38,0125	25,664
83	83	101	STER	44,6451	68,4591	282,8379	24,9692	16,035
83	83	89	STER	35,6262	74,5818	241,7762	8,6436	19,889
83	83	88	STER	0,179	91,0285	162,7819	-50,7807	29,241
83	83	100	SSOVR	-2,083	28,9479	66,6409	-14,2764	22,842
83	83	101	SSOVR	16,4853	22,5547	108,9733	10,985	13,705
83	83	89	SSOVR	12,8306	25,8989	93,965	4,5634	17,704
83	83	88	SSOVR	-4,3877	32,292	59,1099	-20,81	26,956
84	84	101	PP	0	0	0	0	0
84	84	102	PP	0	0	0	0	0
84	84	90	PP	0	0	0	0	0



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
84	84	89	PP	0	0	0	0	0
84	84	101	STER	44,5883	47,5173	272,7734	34,6933	11,763
84	84	102	STER	90,9638	16,6287	455,5774	90,2054	2,611
84	84	90	STER	74,9949	19,2818	376,2087	73,7606	3,663
84	84	89	STER	35,5631	50,1703	227,5865	22,455	14,642
84	84	101	SSOVR	16,4546	15,2913	105,9327	13,8414	9,698
84	84	102	SSOVR	36,479	4,9921	182,5657	36,3084	1,957
84	84	90	SSOVR	31,475	6,4673	157,7065	31,1437	2,933
84	84	89	SSOVR	12,7936	16,7664	89,1923	9,114	12,378
85	85	103	PP	0	0	0	0	0
85	85	92	PP	0	0	0	0	0
85	85	91	PP	0	0	0	0	0
85	85	103	STER	-125,2949	96,0082	-1,0318	-199,4729	37,69
85	85	92	STER	-118,7619	90,296	6,9162	-183,6369	35,696
85	85	91	STER	-104,7703	83,6525	6,3991	-167,717	36,961
85	85	103	SSOVR	-65,9895	39,7486	6,1968	-87,8767	28,839
85	85	92	SSOVR	-63,662	37,5018	9,9794	-82,7598	26,987
85	85	91	SSOVR	-58,1314	34,9574	9,6119	-76,1704	27,295
86	86	103	PP	0	0	0	0	0
86	86	104	PP	0	0	0	0	0
86	86	93	PP	0	0	0	0	0
86	86	92	PP	0	0	0	0	0
86	86	103	STER	-124,8261	99,2437	3,742	-201,4338	37,665
86	86	104	STER	-139,5035	103,4766	1,8276	-215,2647	36,21
86	86	93	STER	-127,0533	99,0198	7,8894	-199,7132	36,271
86	86	92	STER	-118,7721	94,7868	11,1459	-187,9276	36,114
86	86	103	SSOVR	-66,0691	40,8904	6,8438	-89,0009	29,284
86	86	104	SSOVR	-69,1175	42,9789	7,7521	-93,1476	29,21
86	86	93	SSOVR	-66,2179	41,9552	10,5485	-89,1477	28,658
86	86	92	SSOVR	-63,6163	39,8667	12,1011	-84,6069	27,768
87	87	104	PP	0	0	0	0	0
87	87	105	PP	0	0	0	0	0
87	87	94	PP	0	0	0	0	0
87	87	93	PP	0	0	0	0	0
87	87	104	STER	-139,8301	104,9764	2,0856	-217,4821	36,491
87	87	105	STER	-140,9769	108,4287	4,5225	-221,7799	36,694
87	87	94	STER	-127,9413	108,2129	14,1975	-210,3258	37,283
87	87	93	STER	-126,954	104,7605	13,734	-204,9619	36,672
87	87	104	SSOVR	-69,1862	43,8	8,1764	-93,9842	29,517
87	87	105	SSOVR	-67,7997	45,1689	8,8947	-94,4018	30,496
87	87	94	SSOVR	-64,8385	45,8049	12,0241	-92,1351	30,792
87	87	93	SSOVR	-66,1882	44,4359	12,7738	-91,1945	29,369
88	88	105	PP	0	0	0	0	0
88	88	106	PP	0	0	0	0	0
88	88	95	PP	0	0	0	0	0
88	88	94	PP	0	0	0	0	0
88	88	105	STER	-140,8414	109,6446	6,1715	-222,6162	36,716
88	88	106	STER	-134,6979	111,1465	12,5961	-218,5679	37,038
88	88	95	STER	-120,1723	113,4273	23,0285	-210,0164	38,382
88	88	94	STER	-127,9852	111,9254	17,6263	-214,0176	37,548
88	88	105	SSOVR	-67,7606	45,4076	9,2588	-94,5311	30,522
88	88	106	SSOVR	-62,8947	45,65	11,1812	-91,027	31,644
88	88	95	SSOVR	-59,8449	47,4489	13,7053	-90,4553	32,827
88	88	94	SSOVR	-64,858	47,2065	13,1846	-93,4123	31,169
89	89	106	PP	0	0	0	0	0
89	89	107	PP	0	0	0	0	0
89	89	96	PP	0	0	0	0	0
89	89	95	PP	0	0	0	0	0
89	89	106	STER	-134,7317	110,808	12,1506	-218,3251	37,031
89	89	107	STER	-119,0669	110,7873	27,0855	-203,0466	37,163
89	89	96	STER	-105,5967	115,2795	37,153	-198,6923	38,923
89	89	95	STER	-120,1843	115,3001	24,8109	-211,8709	38,492
89	89	106	SSOVR	-62,9069	44,9668	10,5243	-90,443	31,482
89	89	107	SSOVR	-54,6294	44,2336	15,0977	-82,6904	32,39
89	89	96	SSOVR	-52,1102	46,8781	16,9045	-83,952	34,186
89	89	95	SSOVR	-59,8518	47,6112	13,827	-90,6182	32,871
90	90	107	PP	0	0	0	0	0
90	90	108	PP	0	0	0	0	0

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
90	90	97	PP	0	0	0	0	0
90	90	96	PP	0	0	0	0	0
90	90	107	STER	-119,0825	109,2163	25,5184	-201,5731	37,064
90	90	108	STER	-95,8464	107,744	50,0602	-175,4095	36,444
90	90	97	STER	-84,7609	113,7652	58,6218	-175,0264	38,43
90	90	96	STER	-105,6034	115,2375	37,0891	-198,6683	38,924
90	90	107	SSOVR	-54,6366	42,7838	13,7622	-81,398	32,026
90	90	108	SSOVR	-43,5922	41,2697	21,8663	-69,6115	32,23
90	90	97	SSOVR	-42,0226	44,4657	22,8609	-72,4956	34,423
90	90	96	SSOVR	-52,1129	45,9798	16,0604	-83,1241	33,998
91	91	108	PP	0	0	0	0	0
91	91	109	PP	0	0	0	0	0
91	91	98	PP	0	0	0	0	0
91	91	97	PP	0	0	0	0	0
91	91	108	STER	-95,8578	105,2808	47,6672	-173,085	36,261
91	91	109	STER	-70,2462	102,8811	78,864	-141,2307	34,604
91	91	98	STER	-62,3313	109,9153	84,553	-144,5822	36,808
91	91	97	STER	-84,7724	112,3149	57,1703	-173,6438	38,354
91	91	108	SSOVR	-43,5963	39,4073	20,1772	-67,9471	31,713
91	91	109	SSOVR	-32,1246	37,6191	31,0455	-54,5276	30,775
91	91	98	SSOVR	-31,5823	41,1688	31,0152	-58,658	33,332
91	91	97	SSOVR	-42,0264	42,9569	21,4428	-71,1003	34,091
92	92	109	PP	0	0	0	0	0
92	92	110	PP	0	0	0	0	0
92	92	99	PP	0	0	0	0	0
92	92	98	PP	0	0	0	0	0
92	92	109	STER	-70,2573	99,6088	75,7698	-138,2031	34,299
92	92	110	STER	-40,1481	95,7784	118,8594	-97,8403	31,063
92	92	99	STER	-35,9319	103,3093	119,4479	-104,6204	33,619
92	92	98	STER	-62,3372	107,1398	81,872	-141,9364	36,61
92	92	109	SSOVR	-32,1288	35,5239	29,1987	-52,7061	30,082
92	92	110	SSOVR	-19,0685	33,2594	44,8354	-36,3786	27,495
92	92	99	SSOVR	-19,5269	36,9781	43,1738	-41,3349	30,53
92	92	98	SSOVR	-31,5845	39,2426	29,2447	-56,901	32,827
93	93	110	PP	0	0	0	0	0
93	93	111	PP	0	0	0	0	0
93	93	100	PP	0	0	0	0	0
93	93	99	PP	0	0	0	0	0
93	93	110	STER	-40,17	90,2739	113,9385	-93,0507	30,361
93	93	111	STER	3,6751	81,963	194,0994	-31,6037	23,288
93	93	100	STER	2,7984	89,3204	183,0963	-41,4513	26,354
93	93	99	STER	-35,949	97,6312	114,1692	-99,4447	33,038
93	93	110	SSOVR	-19,0784	30,3727	42,4653	-34,0677	26,267
93	93	111	SSOVR	-0,5264	26,5185	72,7602	-10,122	19,893
93	93	100	SSOVR	-2,0747	30,1214	67,5557	-15,1048	23,393
93	93	99	SSOVR	-19,535	33,9755	40,54	-38,7499	29,49
94	94	111	PP	0	0	0	0	0
94	94	112	PP	0	0	0	0	0
94	94	101	PP	0	0	0	0	0
94	94	100	PP	0	0	0	0	0
94	94	111	STER	3,6394	71,8859	186,8478	-24,5667	21,424
94	94	112	STER	50,6354	57,6926	310,3839	37,8213	12,523
94	94	101	STER	44,7132	63,568	280,3262	27,5627	15,099
94	94	100	STER	2,7668	77,7613	174,0017	-32,5462	24,424
94	94	111	SSOVR	-0,5421	22,3832	70,1708	-7,6272	17,564
94	94	112	SSOVR	18,8763	17,1199	118,2206	15,926	9,778
94	94	101	SSOVR	16,5378	20,0046	107,8653	12,156	12,355
94	94	100	SSOVR	-2,0906	25,2678	64,0928	-11,7374	20,896
95	95	112	PP	0	0	0	0	0
95	95	113	PP	0	0	0	0	0
95	95	102	PP	0	0	0	0	0
95	95	101	PP	0	0	0	0	0
95	95	112	STER	50,5737	40,1636	303,636	44,1993	9,018
95	95	113	STER	102,3671	13,9964	512,3135	101,8893	1,955
95	95	102	STER	90,9638	16,4465	455,5609	90,2219	2,583
95	95	101	STER	44,6565	42,6137	270,9178	36,6307	10,666
95	95	112	SSOVR	18,8473	11,5031	116,4807	17,4921	6,72
95	95	113	SSOVR	39,6015	3,6712	198,0924	39,5164	1,327

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
95	95	102	SSOVR	36,479	4,887	182,5585	36,3155	1,916
95	95	101	SSOVR	16,5071	12,7188	105,1548	14,6823	8,165
96	96	114	PP	0	0	0	0	0
96	96	104	PP	0	0	0	0	0
96	96	103	PP	0	0	0	0	0
96	96	114	STER	-143,3063	109,9745	-0,4281	-227,9546	37,586
96	96	104	STER	-138,0368	106,659	5,5745	-217,2516	36,601
96	96	103	STER	-130,1369	102,333	4,0898	-208,1546	37,322
96	96	114	SSOVR	-70,2149	44,055	6,2137	-95,6091	29,96
96	96	104	SSOVR	-68,8499	43,1858	8,0333	-93,1076	29,323
96	96	103	SSOVR	-66,7642	42,0679	7,5779	-90,5691	29,504
97	97	114	PP	0	0	0	0	0
97	97	115	PP	0	0	0	0	0
97	97	105	PP	0	0	0	0	0
97	97	104	PP	0	0	0	0	0
97	97	114	STER	-141,444	110,1748	6,3605	-223,5693	36,701
97	97	115	STER	-151,2809	109,3874	2,5552	-229,0624	35,415
97	97	105	STER	-141,173	107,1473	3,2002	-220,6929	36,581
97	97	104	STER	-138,3634	107,9347	5,6316	-219,2682	36,854
97	97	114	SSOVR	-69,8402	43,7315	7,4398	-94,5871	29,505
97	97	115	SSOVR	-69,0489	43,5292	8,0164	-93,6358	29,459
97	97	105	SSOVR	-67,8565	43,875	7,7442	-93,3194	30,129
97	97	104	SSOVR	-68,9186	44,0772	8,5202	-94,0068	29,648
98	98	115	PP	0	0	0	0	0
98	98	116	PP	0	0	0	0	0
98	98	106	PP	0	0	0	0	0
98	98	105	PP	0	0	0	0	0
98	98	115	STER	-152,0286	106,7277	-2,69	-228,3036	35,552
98	98	116	STER	-144,6424	106,1303	5,3928	-219,7157	35,274
98	98	106	STER	-134,6446	108,1029	9,6984	-215,6062	36,831
98	98	105	STER	-141,0376	108,7003	5,1716	-221,8516	36,629
98	98	115	SSOVR	-69,2641	42,4744	6,2455	-93,156	29,358
98	98	116	SSOVR	-64,1757	41,8153	9,1759	-88,0132	29,686
98	98	106	SSOVR	-62,8681	43,4805	9,2639	-89,0777	31,081
98	98	105	SSOVR	-67,8174	44,1396	8,1302	-93,4706	30,164
99	99	116	PP	0	0	0	0	0
99	99	117	PP	0	0	0	0	0
99	99	107	PP	0	0	0	0	0
99	99	106	PP	0	0	0	0	0
99	99	116	STER	-144,4665	103,126	3,2131	-216,4804	34,927
99	99	117	STER	-129,9108	100,7597	15,7726	-199,5997	34,669
99	99	107	STER	-119,0149	105,1049	21,6504	-197,549	36,767
99	99	106	STER	-134,6784	107,4711	8,9718	-215,0824	36,802
99	99	116	SSOVR	-64,1274	40,0791	7,8863	-86,4334	29,098
99	99	117	SSOVR	-55,7699	38,506	12,2446	-77,5698	29,516
99	99	107	SSOVR	-54,6199	41,1553	12,3354	-79,9167	31,578
99	99	106	SSOVR	-62,8802	42,7284	8,5521	-88,4389	30,886
100	100	117	PP	0	0	0	0	0
100	100	118	PP	0	0	0	0	0
100	100	108	PP	0	0	0	0	0
100	100	107	PP	0	0	0	0	0
100	100	117	STER	-129,9401	97,1163	12,2622	-196,2652	34,331
100	100	118	STER	-105,0714	94,1416	37,8298	-167,0907	33,376
100	100	108	STER	-95,8237	100,6788	43,3389	-168,6609	35,884
100	100	107	STER	-119,0305	103,6535	20,2036	-196,1958	36,666
100	100	117	SSOVR	-55,7772	36,3696	10,3972	-75,766	28,793
100	100	118	SSOVR	-44,1945	34,3468	19,0626	-62,8438	28,501
100	100	108	SSOVR	-43,586	37,7135	18,6879	-66,4256	31,199
100	100	107	SSOVR	-54,6271	39,7363	11,0458	-78,6701	31,177
101	101	118	PP	0	0	0	0	0
101	101	119	PP	0	0	0	0	0
101	101	109	PP	0	0	0	0	0
101	101	108	PP	0	0	0	0	0
101	101	118	STER	-105,1045	90,2833	34,1699	-163,6297	32,953
101	101	119	STER	-77,4344	87,034	67,3154	-129,7655	31,017
101	101	109	STER	-70,2304	94,9338	71,4801	-133,8279	33,819
101	101	108	STER	-95,8351	98,1831	40,9298	-166,3204	35,674
101	101	118	SSOVR	-44,2069	32,0483	17,1035	-60,9592	27,597



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
101	101	119	SSOVR	-32,1941	29,993	28,6355	-46,9826	26,246
101	101	109	SSOVR	-32,1256	33,7879	27,7188	-51,2021	29,449
101	101	108	SSOVR	-43,5901	35,8431	17,0232	-64,7856	30,598
102	102	119	PP	0	0	0	0	0
102	102	120	PP	0	0	0	0	0
102	102	110	PP	0	0	0	0	0
102	102	109	PP	0	0	0	0	0
102	102	119	STER	-77,4423	83,1046	63,8315	-126,3288	30,466
102	102	120	STER	-44,4854	79,006	111,4454	-84,5156	26,87
102	102	110	STER	-40,1525	87,5652	111,6703	-90,6565	29,975
102	102	109	STER	-70,2415	91,6638	68,4218	-130,8361	33,467
102	102	119	SSOVR	-32,1971	27,7341	26,8568	-45,2222	25,157
102	102	120	SSOVR	-18,5466	25,4234	43,855	-28,9045	22,167
102	102	110	SSOVR	-19,0745	29,3801	41,7221	-33,2725	25,792
102	102	109	SSOVR	-32,1298	31,6908	25,9216	-49,4301	28,631
103	103	120	PP	0	0	0	0	0
103	103	121	PP	0	0	0	0	0
103	103	111	PP	0	0	0	0	0
103	103	110	PP	0	0	0	0	0
103	103	120	STER	-44,5128	73,6592	107,0713	-80,306	25,917
103	103	121	STER	3,561	66,1675	198,1748	-18,9355	18,778
103	103	111	STER	3,6615	74,5087	188,8033	-26,3239	21,922
103	103	110	STER	-40,1744	82,0005	106,8053	-85,9228	29,157
103	103	120	SSOVR	-18,5583	22,7012	41,9553	-27,0744	20,563
103	103	121	SSOVR	0,6469	19,2716	75,3176	-4,3269	14,472
103	103	111	SSOVR	-0,5336	23,0369	70,6214	-7,9919	17,94
103	103	110	SSOVR	-19,0844	26,4665	39,4431	-31,0527	24,333
104	104	121	PP	0	0	0	0	0
104	104	122	PP	0	0	0	0	0
104	104	112	PP	0	0	0	0	0
104	104	111	PP	0	0	0	0	0
104	104	121	STER	3,5222	57,8044	193,109	-14,1021	16,956
104	104	122	STER	55,1146	46,0898	332,9788	47,4696	9,418
104	104	112	STER	50,5984	52,7027	308,3391	39,8218	11,556
104	104	111	STER	3,6257	64,4172	181,9137	-19,6488	19,865
104	104	121	SSOVR	0,6317	15,9432	73,7446	-2,8449	12,302
104	104	122	SSOVR	20,5888	11,8368	125,3338	19,2512	6,447
104	104	112	SSOVR	18,8729	14,7853	117,4864	16,6561	8,527
104	104	111	SSOVR	-0,5494	18,8917	68,2703	-5,7354	15,35
105	105	122	PP	0	0	0	0	0
105	105	123	PP	0	0	0	0	0
105	105	113	PP	0	0	0	0	0
105	105	112	PP	0	0	0	0	0
105	105	122	STER	55,0447	32,3934	328,8167	51,2118	6,748
105	105	123	STER	111,7041	11,0705	558,7945	111,43	1,418
105	105	113	STER	102,3671	13,8218	512,3017	101,9011	1,931
105	105	112	STER	50,5368	35,1448	302,1629	45,6281	7,951
105	105	122	SSOVR	20,5602	7,9265	124,4579	19,9555	4,363
105	105	123	SSOVR	41,7499	2,3617	208,783	41,7165	0,81
105	105	113	SSOVR	39,6015	3,5855	198,0885	39,5204	1,296
105	105	112	SSOVR	18,8439	9,1503	115,9867	17,982	5,381
106	106	124	PP	0	0	0	0	0
106	106	115	PP	0	0	0	0	0
106	106	114	PP	0	0	0	0	0
106	106	124	STER	-152,9768	111,1131	2,073	-232,6036	35,626
106	106	115	STER	-149,1501	111,4892	5,5485	-229,4988	35,78
106	106	114	STER	-150,6123	110,6607	2,4216	-230,6324	35,871
106	106	124	SSOVR	-69,1381	41,8156	7,9615	-91,8171	28,474
106	106	115	SSOVR	-68,7003	42,8811	7,5989	-92,8	29,337
106	106	114	SSOVR	-71,4844	43,6606	6,7347	-95,855	29,17
107	107	124	PP	0	0	0	0	0
107	107	125	PP	0	0	0	0	0
107	107	116	PP	0	0	0	0	0
107	107	115	PP	0	0	0	0	0
107	107	124	STER	-149,7353	108,2125	11,3484	-222,4301	33,892
107	107	125	STER	-152,4916	101,8407	7,1442	-217,4616	32,536
107	107	116	STER	-144,8446	101,8052	1,2308	-215,7963	34,874
107	107	115	STER	-149,8979	108,1769	-0,3093	-228,1274	35,873



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
107	107	124	SSOVR	-68,3442	40,0168	9,7556	-88,848	27,13
107	107	125	SSOVR	-63,5863	37,3991	10,2504	-82,5293	26,863
107	107	116	SSOVR	-64,229	39,16	6,8902	-85,7914	28,838
107	107	115	SSOVR	-68,9155	41,7778	5,7875	-92,2798	29,216
108	108	125	PP	0	0	0	0	0
108	108	126	PP	0	0	0	0	0
108	108	117	PP	0	0	0	0	0
108	108	116	PP	0	0	0	0	0
108	108	125	STER	-153,4917	94,6161	-3,2436	-213,0745	32,2
108	108	126	STER	-137,5739	90,2317	12,1829	-191,9405	31,07
108	108	117	STER	-129,7627	95,1702	10,6285	-194,2778	34,133
108	108	116	STER	-144,6687	99,5545	-0,2254	-213,2845	34,576
108	108	125	SSOVR	-63,8818	34,5718	6,7511	-80,8033	26,08
108	108	126	SSOVR	-55,5304	32,3034	12,5162	-70,8656	25,395
108	108	117	SSOVR	-55,7104	35,2979	9,5488	-74,8026	28,408
108	108	116	SSOVR	-64,1806	37,5664	5,7501	-84,3611	28,244
109	109	126	PP	0	0	0	0	0
109	109	127	PP	0	0	0	0	0
109	109	118	PP	0	0	0	0	0
109	109	117	PP	0	0	0	0	0
109	109	126	STER	-137,4024	83,3537	6,8408	-185,5699	30,022
109	109	127	STER	-113,4386	77,8699	28,8469	-156,0552	28,691
109	109	118	STER	-104,9863	85,6378	30,1124	-159,2713	32,37
109	109	117	STER	-129,792	91,1216	6,7686	-190,5939	33,714
109	109	126	SSOVR	-55,4893	29,0674	10,2409	-68,3436	23,856
109	109	127	SSOVR	-43,917	26,2698	18,1037	-55,044	22,956
109	109	118	SSOVR	-44,1852	30,2673	15,7103	-59,4803	26,809
109	109	117	SSOVR	-55,7177	33,0649	7,6683	-72,9658	27,548
110	110	127	PP	0	0	0	0	0
110	110	128	PP	0	0	0	0	0
110	110	119	PP	0	0	0	0	0
110	110	118	PP	0	0	0	0	0
110	110	127	STER	-113,4557	72,0019	23,8908	-151,2016	27,665
110	110	128	STER	-84,2931	67,575	58,2645	-116,325	25,362
110	110	119	STER	-77,3883	77,5184	59,0395	-121,4343	29,605
110	110	118	STER	-105,0194	81,9453	26,6578	-156,0155	31,895
110	110	127	SSOVR	-43,9182	23,4384	16,1208	-53,0682	21,325
110	110	128	SSOVR	-31,7015	21,0718	28,0659	-39,1306	19,421
110	110	119	SSOVR	-32,1845	25,6406	25,2881	-43,6237	24,043
110	110	118	SSOVR	-44,1976	28,0072	13,8632	-57,7077	25,752
111	111	128	PP	0	0	0	0	0
111	111	129	PP	0	0	0	0	0
111	111	120	PP	0	0	0	0	0
111	111	119	PP	0	0	0	0	0
111	111	128	STER	-84,3185	62,5687	54,3396	-112,5523	24,287
111	111	129	STER	-49,3302	58,0403	105,0851	-71,1459	20,6
111	111	120	STER	-44,479	69,0216	103,5904	-76,653	24,992
111	111	119	STER	-77,3962	73,55	55,6223	-118,0643	28,94
111	111	128	SSOVR	-31,711	18,5948	26,5263	-37,6482	17,708
111	111	129	SSOVR	-17,868	16,2572	44,3135	-22,1184	14,652
111	111	120	SSOVR	-18,5544	21,033	40,9324	-25,9912	19,472
111	111	119	SSOVR	-32,1875	23,3706	23,6205	-41,9744	22,722
112	112	129	PP	0	0	0	0	0
112	112	130	PP	0	0	0	0	0
112	112	121	PP	0	0	0	0	0
112	112	120	PP	0	0	0	0	0
112	112	129	STER	-49,3534	52,7761	101,6046	-67,8044	19,27
112	112	130	STER	2,415	46,2544	201,7443	-8,3183	13,064
112	112	121	STER	3,5239	57,0959	192,8862	-13,6914	16,779
112	112	120	STER	-44,5065	63,6176	99,4026	-72,6297	23,849
112	112	129	SSOVR	-17,8778	13,7596	43,1178	-20,9818	12,712
112	112	130	SSOVR	1,5833	10,8664	78,2345	0,0428	8,069
112	112	121	SSOVR	0,6279	15,3918	73,5872	-2,6192	11,913
112	112	120	SSOVR	-18,566	18,2851	39,2231	-24,3516	17,558
113	113	130	PP	0	0	0	0	0
113	113	131	PP	0	0	0	0	0
113	113	122	PP	0	0	0	0	0
113	113	121	PP	0	0	0	0	0

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
113	113	130	STER	2,3657	40,0466	198,9236	-5,7934	11,516
113	113	131	STER	58,2442	31,333	351,7462	54,8992	6,094
113	113	122	STER	54,9419	39,9994	331,093	49,1481	8,242
113	113	121	STER	3,4852	48,713	188,3157	-9,3534	14,765
113	113	130	SSOVR	1,5668	8,5394	77,5709	0,6074	6,411
113	113	131	SSOVR	21,7033	5,7532	130,5023	21,399	3,027
113	113	122	SSOVR	20,5317	9,2683	124,8085	19,7079	5,079
113	113	121	SSOVR	0,6128	12,0545	72,2914	-1,4145	9,546
114	114	131	PP	0	0	0	0	0
114	114	132	PP	0	0	0	0	0
114	114	123	PP	0	0	0	0	0
114	114	122	PP	0	0	0	0	0
114	114	131	STER	58,1612	22,5745	349,7339	56,4134	4,427
114	114	132	STER	119,6099	7,1851	598,1575	119,502	0,86
114	114	123	STER	111,7041	10,8522	558,7838	111,4407	1,391
114	114	122	STER	54,8719	26,2417	327,4754	52,3458	5,499
114	114	131	SSOVR	21,6738	3,8724	130,1888	21,5356	2,044
114	114	132	SSOVR	43,0088	0,8068	215,0477	43,005	0,269
114	114	123	SSOVR	41,7499	2,2703	208,7805	41,7191	0,779
114	114	122	SSOVR	20,5031	5,3359	124,1165	20,2283	2,948
115	115	133	PP	0	0	0	0	0
115	115	125	PP	0	0	0	0	0
115	115	124	PP	0	0	0	0	0
115	115	133	STER	-151,9066	96,8782	9,6309	-210,007	30,952
115	115	125	STER	-149,7527	102,392	8,8323	-215,8631	32,849
115	115	124	STER	-164,3853	106,2417	3,1117	-231,7734	32,387
115	115	133	SSOVR	-62,7202	32,7764	12,2829	-77,0435	23,605
115	115	125	SSOVR	-63,2138	35,8772	9,1657	-80,9975	26,367
115	115	124	SSOVR	-71,196	38,5768	7,574	-90,0886	26,093
116	116	133	PP	0	0	0	0	0
116	116	134	PP	0	0	0	0	0
116	116	126	PP	0	0	0	0	0
116	116	125	PP	0	0	0	0	0
116	116	133	STER	-147,7292	91,106	21,473	-196,7848	28,3
116	116	134	STER	-140,8193	79,4586	18,5902	-180,4259	26,494
116	116	126	STER	-138,0587	82,4359	5,1668	-185,5062	29,923
116	116	125	STER	-150,7528	94,0834	-2,5513	-210,4801	32,409
116	116	133	SSOVR	-61,6582	29,901	14,9419	-73,3301	21,323
116	116	134	SSOVR	-53,2076	25,3677	15,7429	-62,5407	20,199
116	116	126	SSOVR	-55,6519	28,3322	9,4809	-67,9762	23,509
116	116	125	SSOVR	-63,5093	32,8655	5,5459	-79,151	25,451
117	117	134	PP	0	0	0	0	0
117	117	135	PP	0	0	0	0	0
117	117	127	PP	0	0	0	0	0
117	117	126	PP	0	0	0	0	0
117	117	134	STER	-142,0127	68,7528	5,1392	-174,1356	25,043
117	117	135	STER	-117,3939	61,3773	30,9681	-142,7856	22,475
117	117	127	STER	-113,2676	69,125	21,6743	-148,6774	27,124
117	117	126	STER	-137,8873	76,5004	0,7803	-180,0912	28,885
117	117	134	SSOVR	-53,5428	21,4329	11,7678	-60,5764	18,168
117	117	135	SSOVR	-42,5752	18,1501	21,2089	-47,7399	15,884
117	117	127	SSOVR	-43,8566	22,0114	15,1937	-52,0616	20,443
117	117	126	SSOVR	-55,6108	25,2942	7,5	-65,7485	21,84
118	118	135	PP	0	0	0	0	0
118	118	136	PP	0	0	0	0	0
118	118	128	PP	0	0	0	0	0
118	118	127	PP	0	0	0	0	0
118	118	135	STER	-117,3078	52,5659	25,3728	-136,6739	20,225
118	118	136	STER	-89,1635	46,1117	55,4707	-103,8647	17,683
118	118	128	STER	-84,2748	56,3663	49,9132	-107,9518	22,785
118	118	127	STER	-113,2847	62,8204	16,57	-143,6757	25,817
118	118	135	SSOVR	-42,5649	14,4749	19,4729	-45,9423	13,134
118	118	136	SSOVR	-30,6168	11,6223	30,1956	-32,838	10,82
118	118	128	SSOVR	-31,7157	16,2365	25,2608	-36,3426	15,906
118	118	127	SSOVR	-43,8578	19,0891	13,3523	-50,2272	18,452
119	119	136	PP	0	0	0	0	0
119	119	137	PP	0	0	0	0	0
119	119	129	PP	0	0	0	0	0

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
119	119	128	PP	0	0	0	0	0
119	119	136	STER	-89,1713	39,7169	51,9114	-100,3522	15,723
119	119	137	STER	-53,3231	34,5283	103,5322	-60,9237	12,414
119	119	129	STER	-49,3032	46,2854	97,8348	-63,8632	17,462
119	119	128	STER	-84,3002	51,474	46,384	-104,5748	21,499
119	119	136	SSOVR	-30,6153	8,94	29,3156	-31,9489	8,484
119	119	137	SSOVR	-17,0209	6,5789	46,9579	-17,6974	5,871
119	119	129	SSOVR	-17,8622	11,4162	42,2329	-20,0309	10,756
119	119	128	SSOVR	-31,7252	13,7773	23,993	-35,1319	13,889
120	120	137	PP	0	0	0	0	0
120	120	138	PP	0	0	0	0	0
120	120	130	PP	0	0	0	0	0
120	120	129	PP	0	0	0	0	0
120	120	137	STER	-53,3649	29,0274	101,1745	-58,8172	10,638
120	120	138	STER	0,4315	23,4612	204,1887	-2,2699	6,568
120	120	130	STER	2,4219	35,3371	197,4161	-3,9819	10,272
120	120	129	STER	-49,3263	40,9033	94,7699	-60,9372	15,847
120	120	137	SSOVR	-17,0377	4,2773	46,4852	-17,3257	3,852
120	120	138	SSOVR	2,1288	1,9812	80,8386	2,0789	1,442
120	120	130	SSOVR	1,5826	6,5876	77,2672	1,0092	4,974
120	120	129	SSOVR	-17,872	8,8837	41,3477	-19,2047	8,531
121	121	138	PP	0	0	0	0	0
121	121	139	PP	0	0	0	0	0
121	121	131	PP	0	0	0	0	0
121	121	130	PP	0	0	0	0	0
121	121	138	STER	0,3881	19,4232	203,1311	-1,4727	5,472
121	121	139	STER	59,191	14,1992	361,1104	58,5232	2,693
121	121	131	STER	58,1845	23,8887	350,3425	56,2312	4,674
121	121	130	STER	2,3726	29,1127	195,1621	-2,0236	8,587
121	121	138	SSOVR	2,1154	0,6615	80,7274	2,1098	0,482
121	121	139	SSOVR	21,9658	-0,6692	132,0499	21,9618	-0,348
121	121	131	SSOVR	21,6985	2,9228	130,2758	21,6198	1,542
121	121	130	SSOVR	1,5661	4,2535	76,8516	1,3258	3,234
122	122	139	PP	0	0	0	0	0
122	122	140	PP	0	0	0	0	0
122	122	132	PP	0	0	0	0	0
122	122	131	PP	0	0	0	0	0
122	122	139	STER	59,0948	10,9161	360,3572	58,6992	2,075
122	122	140	STER	123,8339	2,7365	619,1848	123,8188	0,317
122	122	132	STER	119,6099	6,8864	598,1487	119,5108	0,824
122	122	131	STER	58,1015	15,0659	348,7551	57,3205	2,967
122	122	139	SSOVR	21,936	-0,4746	131,8987	21,9339	-0,247
122	122	140	SSOVR	42,8925	-0,7897	214,4659	42,8888	-0,264
122	122	132	SSOVR	43,0088	0,7048	215,0468	43,0059	0,235
122	122	131	SSOVR	21,669	1,02	130,0593	21,6594	0,539
123	123	141	PP	0	0	0	0	0
123	123	134	PP	0	0	0	0	0
123	123	133	PP	0	0	0	0	0
123	123	141	STER	-138,6085	67,7382	26,7387	-166,359	22,278
123	123	134	STER	-138,0135	77,9034	18,3562	-176,825	26,482
123	123	133	STER	-164,5064	86,0544	11,2066	-206,651	26,093
123	123	141	SSOVR	-51,8144	18,4538	21,3263	-56,4704	14,161
123	123	134	SSOVR	-52,8983	23,114	14,4093	-60,8359	18,953
123	123	133	SSOVR	-64,8509	27,2731	12,2756	-74,4951	19,474
124	124	141	PP	0	0	0	0	0
124	124	142	PP	0	0	0	0	0
124	124	135	PP	0	0	0	0	0
124	124	134	PP	0	0	0	0	0
124	124	141	STER	-133,9001	59,4291	42,5464	-153,9164	18,614
124	124	142	STER	-116,5253	44,1655	43,3264	-128,7278	15,445
124	124	135	STER	-118,023	50,5125	23,4818	-136,0543	19,645
124	124	134	STER	-139,2069	65,776	3,8257	-169,4551	24,696
124	124	141	SSOVR	-50,6814	14,9096	25,2626	-53,6085	11,107
124	124	142	SSOVR	-39,1543	9,415	27,4053	-40,4861	8,051
124	124	135	SSOVR	-42,7253	13,3825	18,9194	-45,6305	12,248
124	124	134	SSOVR	-53,2334	18,8771	10,3963	-58,8337	16,524
125	125	142	PP	0	0	0	0	0
125	125	143	PP	0	0	0	0	0

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
125	125	136	PP	0	0	0	0	0
125	125	135	PP	0	0	0	0	0
125	125	142	STER	-117,5479	32,5453	33,0442	-124,5814	12,195
125	125	143	STER	-90,3991	25,0025	66,6896	-94,3785	9,043
125	125	136	STER	-88,9468	35,1652	49,7299	-97,8639	14,229
125	125	135	STER	-117,937	42,7081	19,1829	-131,2391	17,3
125	125	142	SSOVR	-39,4051	5,5495	25,2954	-39,8811	4,902
125	125	143	SSOVR	-28,8706	2,5769	36,9793	-28,9714	2,241
125	125	136	SSOVR	-30,5413	6,9304	28,7989	-31,3507	6,661
125	125	135	SSOVR	-42,715	9,903	17,6891	-44,3386	9,311
126	126	143	PP	0	0	0	0	0
126	126	144	PP	0	0	0	0	0
126	126	137	PP	0	0	0	0	0
126	126	136	PP	0	0	0	0	0
126	126	143	STER	-90,3161	16,3539	64,8488	-92,0398	6,017
126	126	144	STER	-55,9071	9,7691	110,2404	-56,4815	3,365
126	126	137	STER	-53,3178	21,8504	99,0657	-56,4509	8,16
126	126	136	STER	-88,9547	28,4352	46,7328	-94,9137	11,836
126	126	143	SSOVR	-28,8639	-0,6076	36,9175	-28,8695	-0,529
126	126	144	SSOVR	-15,8886	-3,126	52,1748	-16,0322	-2,63
126	126	137	SSOVR	-17,0353	1,6864	46,3234	-17,0802	1,525
126	126	136	SSOVR	-30,5398	4,2048	28,2976	-30,8403	4,088
127	127	144	PP	0	0	0	0	0
127	127	145	PP	0	0	0	0	0
127	127	138	PP	0	0	0	0	0
127	127	137	PP	0	0	0	0	0
127	127	144	STER	-55,9171	3,6717	109,6975	-55,9985	1,27
127	127	145	STER	-1,9623	-1,1606	207,6578	-1,9688	-0,317
127	127	138	STER	0,4564	11,5072	202,1488	-0,2001	3,265
127	127	137	STER	-53,3596	16,3395	97,4931	-55,1294	6,182
127	127	144	SSOVR	-15,8879	-5,2503	52,4383	-16,2913	-4,394
127	127	145	SSOVR	2,397	-6,9748	83,3467	1,796	-4,925
127	127	138	SSOVR	2,1364	-2,3598	80,861	2,0657	-1,717
127	127	137	SSOVR	-17,0521	-0,6353	46,2007	-17,0585	-0,575
128	128	145	PP	0	0	0	0	0
128	128	146	PP	0	0	0	0	0
128	128	139	PP	0	0	0	0	0
128	128	138	PP	0	0	0	0	0
128	128	145	STER	-2,0631	-3,1822	207,1958	-2,1115	-0,871
128	128	146	STER	57,7954	-4,7351	360,6339	57,7214	-0,896
128	128	139	STER	59,1397	5,8648	360,5465	59,0256	1,115
128	128	138	STER	0,413	7,4177	201,5488	0,1395	2,112
128	128	145	SSOVR	2,3687	-7,3195	83,2665	1,7065	-5,17
128	128	146	SSOVR	21,3799	-7,1864	129,9925	20,9044	-3,785
128	128	139	SSOVR	21,9633	-3,5559	132,1601	21,8485	-1,848
128	128	138	SSOVR	2,123	-3,689	80,8961	1,9503	-2,681
129	129	146	PP	0	0	0	0	0
129	129	147	PP	0	0	0	0	0
129	129	140	PP	0	0	0	0	0
129	129	139	PP	0	0	0	0	0
129	129	146	STER	57,6813	-2,1471	360,0043	57,666	-0,407
129	129	147	STER	123,8695	-2,2698	619,358	123,8591	-0,262
129	129	140	STER	123,8339	2,3688	619,181	123,8226	0,274
129	129	139	STER	59,0435	2,4915	359,972	59,0229	0,474
129	129	146	SSOVR	21,3466	-4,9148	129,5736	21,1234	-2,6
129	129	147	SSOVR	41,365	-2,4249	206,8603	41,3294	-0,839
129	129	140	SSOVR	42,8925	-0,8989	214,467	42,8877	-0,3
129	129	139	SSOVR	21,9334	-3,3888	132,0005	21,8291	-1,763
130	130	148	PP	0	0	0	0	0
130	130	142	PP	0	0	0	0	0
130	130	141	PP	0	0	0	0	0
130	130	148	STER	-112,3291	25,0883	65,4739	-115,8691	8,032
130	130	142	STER	-113,9163	39,5739	41,7089	-123,9795	14,267
130	130	141	STER	-151,1967	52,0617	33,7277	-165,8536	15,723
130	130	148	SSOVR	-37,4473	0,6661	38,8951	-37,4531	0,5
130	130	142	SSOVR	-39,007	6,37	26,7204	-39,6244	5,536
130	130	141	SSOVR	-53,5653	11,5677	23,4951	-55,3018	8,537
131	131	148	PP	0	0	0	0	0





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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
131	131	149	PP	0	0	0	0	0
131	131	143	PP	0	0	0	0	0
131	131	142	PP	0	0	0	0	0
131	131	148	STER	-108,8439	17,5451	80,9816	-110,4655	5,281
131	131	149	STER	-85,8509	3,5142	90,6545	-85,9209	1,141
131	131	143	STER	-90,9919	12,6247	63,6225	-92,0227	4,668
131	131	142	STER	-114,9389	26,6556	31,3881	-119,7946	10,324
131	131	148	SSOVR	-36,792	-2,3094	42,2332	-36,8595	-1,674
131	131	149	SSOVR	-25,0211	-6,8566	46,9419	-25,6744	-5,443
131	131	143	SSOVR	-29,0018	-2,2867	36,9315	-29,0811	-1,986
131	131	142	SSOVR	-39,2579	2,2605	24,9285	-39,3375	2,017
132	132	149	PP	0	0	0	0	0
132	132	150	PP	0	0	0	0	0
132	132	144	PP	0	0	0	0	0
132	132	143	PP	0	0	0	0	0
132	132	149	STER	-86,6636	-7,3154	86,8294	-86,9721	-2,414
132	132	150	STER	-55,555	-14,6881	129,5236	-56,7207	-4,538
132	132	144	STER	-55,6844	-2,8695	109,7603	-55,7342	-0,994
132	132	143	STER	-90,9089	4,5031	63,1382	-91,0406	1,674
132	132	149	SSOVR	-25,19	-9,9423	46,8168	-26,5628	-7,861
132	132	150	SSOVR	-14,2696	-12,3942	60,3471	-16,3283	-9,431
132	132	144	SSOVR	-15,8226	-7,8996	52,9518	-16,7299	-6,552
132	132	143	SSOVR	-28,9951	-5,4477	37,3331	-29,4426	-4,695
133	133	150	PP	0	0	0	0	0
133	133	151	PP	0	0	0	0	0
133	133	145	PP	0	0	0	0	0
133	133	144	PP	0	0	0	0	0
133	133	150	STER	-55,5557	-22,4105	131,0458	-58,2472	-6,848
133	133	151	STER	-4,29	-27,1071	212,3674	-7,6815	-7,131
133	133	145	STER	-1,9812	-14,0145	208,5804	-2,9139	-3,808
133	133	144	STER	-55,6944	-9,3179	110,1841	-56,2178	-3,215
133	133	150	SSOVR	-14,3036	-14,6286	60,9614	-17,1468	-10,999
133	133	151	SSOVR	2,5879	-15,866	85,4455	-0,4502	-10,84
133	133	145	SSOVR	2,3814	-11,3105	84,3042	0,8198	-7,861
133	133	144	SSOVR	-15,8218	-10,073	53,5116	-17,2853	-8,266
134	134	151	PP	0	0	0	0	0
134	134	152	PP	0	0	0	0	0
134	134	146	PP	0	0	0	0	0
134	134	145	PP	0	0	0	0	0
134	134	151	STER	-4,2308	-27,3083	212,7094	-7,6683	-7,175
134	134	152	STER	54,1326	-25,2105	350,2787	51,9865	-4,866
134	134	146	STER	57,7719	-13,9128	361,1931	57,1339	-2,625
134	134	145	STER	-2,0819	-16,0105	208,3617	-3,3	-4,351
134	134	151	SSOVR	2,6123	-15,2587	85,3434	-0,202	-10,45
134	134	152	SSOVR	20,0101	-13,7112	124,4267	18,2096	-7,481
134	134	146	SSOVR	21,3882	-10,1137	130,4565	20,4504	-5,298
134	134	145	SSOVR	2,3531	-11,6612	84,2613	0,6929	-8,103
135	135	152	PP	0	0	0	0	0
135	135	153	PP	0	0	0	0	0
135	135	147	PP	0	0	0	0	0
135	135	146	PP	0	0	0	0	0
135	135	152	STER	54,0061	-16,5091	348,4255	53,0804	-3,209
135	135	153	STER	119,2043	-7,7981	596,149	119,0768	-0,937
135	135	147	STER	123,8695	-2,7223	619,3626	123,8546	-0,315
135	135	146	STER	57,6577	-11,4333	360,4161	57,2259	-2,163
135	135	152	SSOVR	19,9824	-9,4025	123,3432	19,1271	-5,198
135	135	153	SSOVR	38,3924	-4,0816	192,0705	38,284	-1,521
135	135	147	SSOVR	41,365	-2,5451	206,8639	41,3258	-0,881
135	135	146	SSOVR	21,3549	-7,866	129,922	20,785	-4,144
136	136	154	PP	0	0	0	0	0
136	136	149	PP	0	0	0	0	0
136	136	148	PP	0	0	0	0	0
136	136	154	STER	-82,8521	-16,6936	120,4883	-84,2226	-4,693
136	136	149	STER	-84,5312	-2,8462	90,8946	-84,5774	-0,93
136	136	148	STER	-120,5303	8,7928	77,4132	-120,9208	2,543
136	136	154	SSOVR	-23,8571	-14,8725	59,3587	-26,5151	-10,133
136	136	149	SSOVR	-25,2507	-10,1172	47,6469	-26,6548	-7,901
136	136	148	SSOVR	-37,5073	-5,8759	42,4545	-37,9391	-4,203

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
137	137	154	PP	0	0	0	0	0
137	137	155	PP	0	0	0	0	0
137	137	150	PP	0	0	0	0	0
137	137	149	PP	0	0	0	0	0
137	137	154	STER	-80,0141	-24,8389	136,1616	-82,8682	-6,555
137	137	155	STER	-50,2979	-37,7867	153,121	-57,3171	-10,523
137	137	150	STER	-55,9543	-27,7349	132,3628	-60,039	-8,378
137	137	149	STER	-85,344	-14,7872	88,046	-86,605	-4,875
137	137	154	SSOVR	-23,4489	-17,5733	62,3412	-27,0486	-11,576
137	137	155	SSOVR	-11,2527	-21,0468	68,1915	-16,8285	-14,838
137	137	150	SSOVR	-14,2987	-16,8873	62,0193	-18,0354	-12,477
137	137	149	SSOVR	-25,4196	-13,4138	47,8537	-27,8752	-10,374
138	138	155	PP	0	0	0	0	0
138	138	156	PP	0	0	0	0	0
138	138	151	PP	0	0	0	0	0
138	138	150	PP	0	0	0	0	0
138	138	155	STER	-50,8932	-45,9287	153,4488	-61,2163	-12,668
138	138	156	STER	-5,0714	-50,2174	222,0931	-16,1725	-12,465
138	138	151	STER	-4,1016	-39,2063	215,9974	-11,0854	-10,1
138	138	150	STER	-55,955	-34,9176	134,6705	-62,351	-10,38
138	138	155	SSOVR	-11,2696	-22,6835	68,9456	-17,6841	-15,79
138	138	156	SSOVR	2,8025	-23,4436	87,9376	-3,6532	-15,396
138	138	151	SSOVR	2,6355	-19,8157	87,0675	-2,0152	-13,208
138	138	150	SSOVR	-14,3327	-19,0556	62,8189	-19,0392	-13,874
139	139	156	PP	0	0	0	0	0
139	139	157	PP	0	0	0	0	0
139	139	152	PP	0	0	0	0	0
139	139	151	PP	0	0	0	0	0
139	139	156	STER	-5,5963	-49,8357	219,4052	-16,6345	-12,489
139	139	157	STER	50,0486	-44,3277	334,2972	43,1358	-8,864
139	139	152	STER	54,24	-34,2239	352,0865	50,3075	-6,555
139	139	151	STER	-4,0424	-39,7319	216,4685	-11,2013	-10,214
139	139	156	SSOVR	2,6189	-22,2714	86,4788	-3,2959	-14,873
139	139	157	SSOVR	18,6026	-19,3829	117,3329	14,7973	-11,107
139	139	152	SSOVR	20,0554	-16,3419	125,1759	17,5149	-8,836
139	139	151	SSOVR	2,6598	-19,2304	86,9272	-1,7287	-12,855
140	140	157	PP	0	0	0	0	0
140	140	158	PP	0	0	0	0	0
140	140	153	PP	0	0	0	0	0
140	140	152	PP	0	0	0	0	0
140	140	157	STER	49,9274	-30,1965	330,0338	46,6721	-6,153
140	140	158	STER	111,1717	-12,7972	556,2266	110,8037	-1,647
140	140	153	STER	119,2043	-8,3027	596,166	119,0598	-0,997
140	140	152	STER	54,1134	-25,702	349,7557	51,879	-4,969
140	140	157	SSOVR	18,5649	-13,3555	115,1851	16,7188	-7,87
140	140	158	SSOVR	34,7071	-5,4523	173,7492	34,4933	-2,246
140	140	153	SSOVR	38,3924	-4,2018	192,0769	38,2775	-1,566
140	140	152	SSOVR	20,0277	-12,105	123,9076	18,6171	-6,647
141	141	159	PP	0	0	0	0	0
141	141	155	PP	0	0	0	0	0
141	141	154	PP	0	0	0	0	0
141	141	159	STER	-50,5366	-59,1441	187,7544	-65,2162	-13,939
141	141	155	STER	-49,7279	-45,1706	156,1276	-59,6396	-12,376
141	141	154	STER	-86,089	-33,912	137,242	-91,2384	-8,634
141	141	159	SSOVR	-11,0481	-28,727	80,814	-20,0316	-17,365
141	141	155	SSOVR	-11,5796	-24,3296	69,822	-18,8513	-16,641
141	141	154	SSOVR	-22,872	-20,507	63,7138	-27,7289	-13,324
142	142	159	PP	0	0	0	0	0
142	142	160	PP	0	0	0	0	0
142	142	156	PP	0	0	0	0	0
142	142	155	PP	0	0	0	0	0
142	142	159	STER	-49,0284	-67,522	198,9979	-67,4104	-15,229
142	142	160	STER	-0,5957	-74,6299	225,8968	-25,1865	-18,237
142	142	156	STER	-5,4462	-62,3741	227,6104	-22,1397	-14,983
142	142	155	STER	-50,3232	-55,2662	157,9077	-64,9912	-14,864
142	142	159	SSOVR	-11,4276	-30,5446	80,124	-21,6183	-18,45
142	142	160	SSOVR	4,8392	-30,9808	87,6712	-6,7482	-20,507
142	142	156	SSOVR	2,7799	-26,8309	89,7545	-5,4971	-17,145

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
142	142	155	SSOVR	-11,5965	-26,3947	70,9098	-20,0405	-17,74
143	143	160	PP	0	0	0	0	0
143	143	161	PP	0	0	0	0	0
143	143	157	PP	0	0	0	0	0
143	143	156	PP	0	0	0	0	0
143	143	160	STER	0,721	-70,7799	229,7624	-21,1519	-17,173
143	143	161	STER	43,9275	-62,4608	311,4278	29,343	-13,143
143	143	157	STER	50,2045	-53,1005	337,239	40,381	-10,481
143	143	156	STER	-5,9711	-61,4196	224,6496	-22,3286	-14,913
143	143	160	SSOVR	5,4772	-28,275	88,8638	-4,1106	-18,731
143	143	161	SSOVR	16,3189	-24,5034	107,4409	9,7298	-15,051
143	143	157	SSOVR	18,6408	-21,9148	118,3517	13,8243	-12,396
143	143	156	SSOVR	2,5964	-25,6864	88,2615	-5,1056	-16,691
144	144	161	PP	0	0	0	0	0
144	144	162	PP	0	0	0	0	0
144	144	158	PP	0	0	0	0	0
144	144	157	PP	0	0	0	0	0
144	144	161	STER	43,7316	-43,2477	303,0758	36,5197	-9,467
144	144	162	STER	99,4484	-17,6683	498,0252	98,6652	-2,538
144	144	158	STER	111,1717	-13,1883	556,2494	110,7809	-1,697
144	144	157	STER	50,0833	-38,7677	332,1382	44,7547	-7,826
144	144	161	SSOVR	16,283	-16,8532	103,9135	13,0417	-10,886
144	144	162	SSOVR	30,1114	-6,654	150,9236	29,7449	-3,153
144	144	158	SSOVR	34,7071	-5,4993	173,7529	34,4896	-2,265
144	144	157	SSOVR	18,6031	-15,6986	115,8801	16,0696	-9,167
145	145	163	PP	0	0	0	0	0
145	145	160	PP	0	0	0	0	0
145	145	159	PP	0	0	0	0	0
145	145	163	STER	-6,022	-102,5456	266,2225	-44,6476	-20,64
145	145	160	STER	-2,0717	-86,9157	233,1294	-34,1904	-20,281
145	145	159	STER	-43,4388	-75,509	204,7103	-66,4154	-16,924
145	145	163	SSOVR	2,8094	-39,069	98,2636	-13,1814	-22,259
145	145	160	SSOVR	3,7068	-35,2632	90,2292	-10,6651	-22,174
145	145	159	SSOVR	-6,4112	-32,5153	82,7891	-18,2637	-20,028
146	146	163	PP	0	0	0	0	0
146	146	164	PP	0	0	0	0	0
146	146	161	PP	0	0	0	0	0
146	146	160	PP	0	0	0	0	0
146	146	163	STER	-13,0439	-99,4985	232,7628	-53,3192	-22,037
146	146	164	STER	44,219	-85,446	273,8882	12,4297	-20,407
146	146	161	STER	43,3584	-70,1071	314,8342	25,2536	-14,48
146	146	160	STER	-0,755	-84,1595	237,342	-30,5027	-19,467
146	146	163	SSOVR	-0,2618	-37,0081	83,3058	-16,651	-23,886
146	146	164	SSOVR	16,0979	-30,4572	92,6846	3,9856	-21,687
146	146	161	SSOVR	16,2826	-26,039	108,2195	8,9076	-15,814
146	146	160	SSOVR	4,3448	-32,59	91,2666	-7,8743	-20,553
147	147	164	PP	0	0	0	0	0
147	147	165	PP	0	0	0	0	0
147	147	162	PP	0	0	0	0	0
147	147	161	PP	0	0	0	0	0
147	147	164	STER	44,6573	-56,0763	258,9634	29,9841	-14,664
147	147	165	STER	79,711	-22,1648	400,0884	78,1775	-3,958
147	147	162	STER	99,4484	-18,3795	498,0894	98,601	-2,64
147	147	161	STER	43,1625	-52,291	306,1474	32,7651	-11,246
147	147	164	SSOVR	16,3135	-19,7465	87,1547	10,8093	-15,575
147	147	165	SSOVR	23,1199	-7,5736	116,2155	22,5037	-4,651
147	147	162	SSOVR	30,1114	-6,8418	150,9445	29,724	-3,241
147	147	161	SSOVR	16,2467	-19,0147	104,7502	12,1615	-12,126
148	148	166	PP	0	0	0	0	0
148	148	164	PP	0	0	0	0	0
148	148	163	PP	0	0	0	0	0
148	148	166	STER	-4,1075	-90,5875	224,4385	-40,0132	-21,622
148	148	164	STER	38,3033	-94,2768	277,9969	1,2222	-21,471
148	148	163	STER	39,5767	-112,5687	260,3965	-17,8082	-27,011
148	148	166	SSOVR	0,2997	-29,8167	72,3784	-12,0345	-22,473
148	148	164	SSOVR	13,7877	-32,9163	93,6733	0,2247	-22,394
148	148	163	SSOVR	19,3736	-40,1532	92,8012	-2,5838	-28,672
149	149	166	PP	0	0	0	0	0



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
149	149	167	PP	0	0	0	0	0
149	149	165	PP	0	0	0	0	0
149	149	164	PP	0	0	0	0	0
149	149	166	STER	-8,014	-74,5571	196,218	-35,2319	-20,055
149	149	167	STER	54,0742	-31,0822	274,7491	49,6963	-8,017
149	149	165	STER	79,711	-21,3896	399,9834	78,2825	-3,821
149	149	164	STER	38,7416	-64,8644	261,9562	19,8925	-16,203
149	149	166	SSOVR	-1,0514	-24,4813	62,6911	-10,4538	-21,01
149	149	167	SSOVR	15,0431	-9,7459	76,7547	13,504	-8,974
149	149	165	SSOVR	23,1199	-7,1314	116,1461	22,5732	-4,384
149	149	164	SSOVR	14,0033	-21,8669	87,6786	7,5132	-16,531
150	150	168	PP	0	0	0	0	0
150	150	167	PP	0	0	0	0	0
150	150	166	PP	0	0	0	0	0
150	150	168	STER	48,4246	-30,735	246,8827	43,6647	-8,803
150	150	167	STER	54,0742	-29,8309	274,4099	50,0355	-7,71
150	150	166	STER	17,4607	-120,2278	239,2641	-47,7083	-28,46
150	150	168	SSOVR	13,2581	-9,5474	67,9571	11,5917	-9,901
150	150	167	SSOVR	15,0431	-9,5065	76,6818	13,5769	-8,768
150	150	166	SSOVR	10,3268	-38,0669	77,2253	-11,3342	-29,641

Table: Element Forces - Area Shells, Part 4 of 4

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
1	1	1	PP	0	0	0	0
1	1	2	PP	0	0	0	0
1	1	3	PP	0	0	0	0
1	1	4	PP	0	0	0	0
1	1	1	STER	-4,61	-6,49	7,96	-125,391
1	1	2	STER	-4,61	-5,9	7,49	-128,034
1	1	3	STER	-1,56	-5,9	6,1	-104,805
1	1	4	STER	-1,56	-6,49	6,68	-103,498
1	1	1	SSOVR	-4,8	-8,67	9,91	-118,96
1	1	2	SSOVR	-4,8	-8,69	9,93	-118,906
1	1	3	SSOVR	2,69	-8,69	9,1	-72,776
1	1	4	SSOVR	2,69	-8,67	9,08	-72,74
2	2	2	PP	0	0	0	0
2	2	5	PP	0	0	0	0
2	2	6	PP	0	0	0	0
2	2	3	PP	0	0	0	0
2	2	2	STER	-15,22	-6,39	16,51	-157,234
2	2	5	STER	-15,22	-1,71	15,32	-173,596
2	2	6	STER	-20,42	-1,71	20,49	-175,217
2	2	3	STER	-20,42	-6,39	21,39	-162,628
2	2	2	SSOVR	-10,84	-7,96	13,45	-143,721
2	2	5	SSOVR	-10,84	-5,66	12,23	-152,439
2	2	6	SSOVR	-14,5	-5,66	15,57	-158,681
2	2	3	SSOVR	-14,5	-7,96	16,54	-151,24
3	3	5	PP	0	0	0	0
3	3	7	PP	0	0	0	0
3	3	8	PP	0	0	0	0
3	3	6	PP	0	0	0	0
3	3	5	STER	-42,13	-5,29	42,46	-172,848
3	3	7	STER	-42,13	6,08	42,57	171,79
3	3	8	STER	-53,7	6,08	54,04	173,541
3	3	6	STER	-53,7	-5,29	53,96	-174,377
3	3	5	SSOVR	-29,74	-7,86	30,76	-165,194
3	3	7	SSOVR	-29,74	-0,72	29,75	-178,613
3	3	8	SSOVR	-36,96	-0,72	36,97	-178,884
3	3	6	SSOVR	-36,96	-7,86	37,79	-167,995
4	4	7	PP	0	0	0	0
4	4	9	PP	0	0	0	0
4	4	10	PP	0	0	0	0
4	4	8	PP	0	0	0	0
4	4	7	STER	-79,34	-7,42	79,69	-174,66
4	4	9	STER	-79,34	49,16	93,34	148,219

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Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
4	4	10	STER	-148,8	49,16	156,71	161,718
4	4	8	STER	-148,8	-7,42	148,98	-177,147
4	4	7	SSOVR	-53,92	-9,53	54,75	-169,978
4	4	9	SSOVR	-53,92	27,44	60,5	153,025
4	4	10	SSOVR	-99,58	27,44	103,3	164,594
4	4	8	SSOVR	-99,58	-9,53	100,04	-174,534
5	5	9	PP	0	0	0	0
5	5	11	PP	0	0	0	0
5	5	12	PP	0	0	0	0
5	5	10	PP	0	0	0	0
5	5	9	STER	-351,75	40,93	354,13	173,363
5	5	11	STER	-351,75	321,78	476,73	137,548
5	5	12	STER	-202,67	321,78	380,28	122,204
5	5	10	STER	-202,67	40,93	206,76	168,582
5	5	9	SSOVR	-232,14	22,29	233,21	174,516
5	5	11	SSOVR	-232,14	206,6	310,76	138,332
5	5	12	SSOVR	-134,55	206,6	246,55	123,074
5	5	10	SSOVR	-134,55	22,29	136,38	170,594
6	6	11	PP	0	0	0	0
6	6	13	PP	0	0	0	0
6	6	14	PP	0	0	0	0
6	6	12	PP	0	0	0	0
6	6	11	STER	371,52	321,94	491,6	40,911
6	6	13	STER	371,52	39,08	373,57	6,005
6	6	14	STER	223	39,08	226,4	9,94
6	6	12	STER	223	321,94	391,63	55,291
6	6	11	SSOVR	243,22	206,7	319,19	40,359
6	6	13	SSOVR	243,22	21,25	244,15	4,994
6	6	14	SSOVR	145,96	21,25	147,5	8,284
6	6	12	SSOVR	145,96	206,7	253,04	54,772
7	7	13	PP	0	0	0	0
7	7	15	PP	0	0	0	0
7	7	16	PP	0	0	0	0
7	7	14	PP	0	0	0	0
7	7	13	STER	96,85	47,11	107,7	25,938
7	7	15	STER	96,85	-11,23	97,5	-6,614
7	7	16	STER	167,88	-11,23	168,25	-3,827
7	7	14	STER	167,88	47,11	174,36	15,674
7	7	13	SSOVR	63,97	26,3	69,16	22,35
7	7	15	SSOVR	63,97	-11,63	65,01	-10,304
7	7	16	SSOVR	110,61	-11,63	111,22	-6,001
7	7	14	SSOVR	110,61	26,3	113,7	13,374
8	8	15	PP	0	0	0	0
8	8	17	PP	0	0	0	0
8	8	18	PP	0	0	0	0
8	8	16	PP	0	0	0	0
8	8	15	STER	54,55	2,65	54,62	2,777
8	8	17	STER	54,55	-10,75	55,6	-11,149
8	8	18	STER	66,26	-10,75	67,13	-9,217
8	8	16	STER	66,26	2,65	66,31	2,287
8	8	15	SSOVR	37,19	-2,63	37,28	-4,047
8	8	17	SSOVR	37,19	-10,77	38,72	-16,149
8	8	18	SSOVR	44,45	-10,77	45,73	-13,62
8	8	16	SSOVR	44,45	-2,63	44,53	-3,388
9	9	17	PP	0	0	0	0
9	9	19	PP	0	0	0	0
9	9	20	PP	0	0	0	0
9	9	18	PP	0	0	0	0
9	9	17	STER	18,38	-7,09	19,7	-21,085
9	9	19	STER	18,38	-13,64	22,89	-36,574
9	9	20	STER	22,95	-13,64	26,7	-30,72
9	9	18	STER	22,95	-7,09	24,02	-17,161
9	9	17	SSOVR	13,67	-8,69	16,2	-32,447
9	9	19	SSOVR	13,67	-11,77	18,04	-40,716
9	9	20	SSOVR	15,66	-11,77	19,59	-36,922
9	9	18	SSOVR	15,66	-8,69	17,91	-29,034
10	10	19	PP	0	0	0	0
10	10	21	PP	0	0	0	0

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
10	10	22	PP	0	0	0	0
10	10	20	PP	0	0	0	0
10	10	19	STER	-7,66	-12,37	14,55	-121,766
10	10	21	STER	-7,66	-13,58	15,59	-119,412
10	10	22	STER	-7,52	-13,58	15,53	-118,969
10	10	20	STER	-7,52	-12,37	14,47	-121,302
10	10	19	SSOVR	-4,08	-12,03	12,7	-108,733
10	10	21	SSOVR	-4,08	-8,37	9,32	-115,973
10	10	22	SSOVR	-9,24	-8,37	12,47	-137,806
10	10	20	SSOVR	-9,24	-12,03	15,17	-127,52
11	11	21	PP	0	0	0	0
11	11	23	PP	0	0	0	0
11	11	24	PP	0	0	0	0
11	11	22	PP	0	0	0	0
11	11	21	STER	-32,62	-12,49	34,93	-159,053
11	11	23	STER	-32,62	-4,34	32,91	-172,416
11	11	24	STER	-25,99	-4,34	26,35	-170,51
11	11	22	STER	-25,99	-12,49	28,83	-154,332
11	11	21	SSOVR	-37,54	-8,34	38,46	-167,473
11	11	23	SSOVR	-37,54	16,16	40,87	156,705
11	11	24	SSOVR	-24,43	16,16	29,29	146,504
11	11	22	SSOVR	-24,43	-8,34	25,81	-161,145
12	12	23	PP	0	0	0	0
12	12	25	PP	0	0	0	0
12	12	26	PP	0	0	0	0
12	12	24	PP	0	0	0	0
12	12	23	STER	-18,33	-3,14	18,6	-170,276
12	12	25	STER	-18,33	-16,26	24,5	-138,428
12	12	26	STER	-19,5	-16,26	25,38	-140,176
12	12	24	STER	-19,5	-3,14	19,75	-170,848
12	12	23	SSOVR	18,4	16,46	24,69	41,803
12	12	25	SSOVR	18,4	-8,29	20,19	-24,26
12	12	26	SSOVR	6,79	-8,29	10,72	-50,714
12	12	24	SSOVR	6,79	16,46	17,8	67,592
13	13	25	PP	0	0	0	0
13	13	27	PP	0	0	0	0
13	13	28	PP	0	0	0	0
13	13	26	PP	0	0	0	0
13	13	25	STER	-25,13	-14,82	29,18	-149,469
13	13	27	STER	-25,13	-9,71	26,94	-158,881
13	13	28	STER	-16,14	-9,71	18,84	-148,975
13	13	26	STER	-16,14	-14,82	21,91	-137,436
13	13	25	SSOVR	-8,31	-7,64	11,28	-137,408
13	13	27	SSOVR	-8,31	-8,35	11,78	-134,844
13	13	28	SSOVR	-0,61	-8,35	8,37	-94,165
13	13	26	SSOVR	-0,61	-7,64	7,66	-94,554
14	14	27	PP	0	0	0	0
14	14	29	PP	0	0	0	0
14	14	30	PP	0	0	0	0
14	14	28	PP	0	0	0	0
14	14	27	STER	-1,33	-5,73	5,89	-103,047
14	14	29	STER	-1,33	-48,34	48,36	-91,574
14	14	30	STER	7,35	-48,34	48,9	-81,354
14	14	28	STER	7,35	-5,73	9,32	-37,955
14	14	27	SSOVR	-6,64	-6,51	9,3	-135,582
14	14	29	SSOVR	-6,64	-19,56	20,65	-108,758
14	14	30	SSOVR	-4,28	-19,56	20,02	-102,35
14	14	28	SSOVR	-4,28	-6,51	7,79	-123,344
15	15	29	PP	0	0	0	0
15	15	31	PP	0	0	0	0
15	15	32	PP	0	0	0	0
15	15	30	PP	0	0	0	0
15	15	29	STER	108,54	-13,98	109,43	-7,338
15	15	31	STER	108,54	122,3	163,52	48,413
15	15	32	STER	293,55	122,3	318,01	22,618
15	15	30	STER	293,55	-13,98	293,88	-2,726
15	15	29	SSOVR	26,95	-5,7	27,55	-11,939
15	15	31	SSOVR	26,95	51,06	57,74	62,175

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
15	15	32	SSOVR	103,65	51,06	115,54	26,227
15	15	30	SSOVR	103,65	-5,7	103,8	-3,147
16	16	33	PP	0	0	0	0
16	16	34	PP	0	0	0	0
16	16	2	PP	0	0	0	0
16	16	1	PP	0	0	0	0
16	16	33	STER	1,43	3,85	4,11	69,662
16	16	34	STER	1,43	-7,28	7,42	-78,9
16	16	2	STER	-3,52	-7,28	8,09	-115,801
16	16	1	STER	-3,52	3,85	5,22	132,407
16	16	33	SSOVR	2,51	7,54	7,94	71,575
16	16	34	SSOVR	2,51	-4,8	5,41	-62,363
16	16	2	SSOVR	-3,35	-4,8	5,85	-124,966
16	16	1	SSOVR	-3,35	7,54	8,25	113,987
17	17	34	PP	0	0	0	0
17	17	35	PP	0	0	0	0
17	17	5	PP	0	0	0	0
17	17	2	PP	0	0	0	0
17	17	34	STER	-14,41	-11,19	18,25	-142,181
17	17	35	STER	-14,41	-11,47	18,42	-141,499
17	17	5	STER	-15,94	-11,47	19,64	-144,276
17	17	2	STER	-15,94	-11,19	19,48	-144,938
17	17	34	SSOVR	-12,67	-8,59	15,31	-145,862
17	17	35	SSOVR	-12,67	-7,61	14,78	-149,016
17	17	5	SSOVR	-11,22	-7,61	13,56	-145,867
17	17	2	SSOVR	-11,22	-8,59	14,13	-142,569
18	18	35	PP	0	0	0	0
18	18	36	PP	0	0	0	0
18	18	7	PP	0	0	0	0
18	18	5	PP	0	0	0	0
18	18	35	STER	-36,04	-15,22	39,12	-157,11
18	18	36	STER	-36,04	-16,68	39,71	-155,17
18	18	7	STER	-44,57	-16,68	47,59	-159,486
18	18	5	STER	-44,57	-15,22	47,1	-161,149
18	18	35	SSOVR	-25,3	-9,36	26,98	-159,697
18	18	36	SSOVR	-25,3	-10,81	27,52	-156,861
18	18	7	SSOVR	-31,25	-10,81	33,07	-160,912
18	18	5	SSOVR	-31,25	-9,36	32,62	-163,322
19	19	36	PP	0	0	0	0
19	19	37	PP	0	0	0	0
19	19	9	PP	0	0	0	0
19	19	7	PP	0	0	0	0
19	19	36	STER	-97,51	-22,52	100,08	-166,995
19	19	37	STER	-97,51	-45,36	107,55	-155,053
19	19	9	STER	-85,41	-45,36	96,71	-152,029
19	19	7	STER	-85,41	-22,52	88,33	-165,228
19	19	36	SSOVR	-66,19	-14,58	67,77	-167,573
19	19	37	SSOVR	-66,19	-29,17	72,33	-156,216
19	19	9	SSOVR	-57,91	-29,17	64,84	-153,266
19	19	7	SSOVR	-57,91	-14,58	59,72	-165,865
20	20	37	PP	0	0	0	0
20	20	38	PP	0	0	0	0
20	20	11	PP	0	0	0	0
20	20	9	PP	0	0	0	0
20	20	37	STER	-118,07	-80,51	142,9	-145,711
20	20	38	STER	-118,07	-411,46	428,07	-106,01
20	20	11	STER	-348,48	-411,46	539,2	-130,262
20	20	9	STER	-348,48	-80,51	357,65	-166,992
20	20	37	SSOVR	-78,95	-52,21	94,65	-146,522
20	20	38	SSOVR	-78,95	-269,24	280,58	-106,343
20	20	11	SSOVR	-230,03	-269,24	354,13	-130,509
20	20	9	SSOVR	-230,03	-52,21	235,88	-167,211
21	21	38	PP	0	0	0	0
21	21	39	PP	0	0	0	0
21	21	13	PP	0	0	0	0
21	21	11	PP	0	0	0	0
21	21	38	STER	138,84	-411,32	434,12	-71,348
21	21	39	STER	138,84	-84,23	162,39	-31,244

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
21	21	13	STER	369,18	-84,23	378,67	-12,852
21	21	11	STER	369,18	-411,32	552,7	-48,091
21	21	38	SSOVR	90,51	-269,14	283,95	-71,413
21	21	39	SSOVR	90,51	-54,24	105,52	-30,932
21	21	13	SSOVR	241,63	-54,24	247,64	-12,651
21	21	11	SSOVR	241,63	-269,14	361,69	-48,083
22	22	39	PP	0	0	0	0
22	22	40	PP	0	0	0	0
22	22	15	PP	0	0	0	0
22	22	13	PP	0	0	0	0
22	22	39	STER	116,91	-48,8	126,69	-22,657
22	22	40	STER	116,91	-29,66	120,61	-14,233
22	22	15	STER	103,75	-29,66	107,9	-15,952
22	22	13	STER	103,75	-48,8	114,65	-25,192
22	22	39	SSOVR	77,19	-31,01	83,18	-21,887
22	22	40	SSOVR	77,19	-18,26	79,32	-13,307
22	22	15	SSOVR	68,41	-18,26	70,81	-14,941
22	22	13	SSOVR	68,41	-31,01	75,11	-24,383
23	23	40	PP	0	0	0	0
23	23	41	PP	0	0	0	0
23	23	17	PP	0	0	0	0
23	23	15	PP	0	0	0	0
23	23	40	STER	50,3	-24,05	55,75	-25,552
23	23	41	STER	50,3	-27,14	57,15	-28,352
23	23	17	STER	57,83	-27,14	63,88	-25,144
23	23	15	STER	57,83	-24,05	62,63	-22,58
23	23	40	SSOVR	34,53	-14,72	37,54	-23,096
23	23	41	SSOVR	34,53	-16,59	38,31	-25,663
23	23	17	SSOVR	39,2	-16,59	42,57	-22,937
23	23	15	SSOVR	39,2	-14,72	41,88	-20,587
24	24	41	PP	0	0	0	0
24	24	42	PP	0	0	0	0
24	24	19	PP	0	0	0	0
24	24	17	PP	0	0	0	0
24	24	41	STER	16,21	-23,07	28,2	-54,913
24	24	42	STER	16,21	-23	28,14	-54,829
24	24	19	STER	19,54	-23	30,18	-49,66
24	24	17	STER	19,54	-23,07	30,23	-49,747
24	24	41	SSOVR	12,65	-14,29	19,09	-48,481
24	24	42	SSOVR	12,65	-13,97	18,85	-47,826
24	24	19	SSOVR	14,14	-13,97	19,87	-44,651
24	24	17	SSOVR	14,14	-14,29	20,1	-45,31
25	25	42	PP	0	0	0	0
25	25	43	PP	0	0	0	0
25	25	21	PP	0	0	0	0
25	25	19	PP	0	0	0	0
25	25	42	STER	-10,34	-21,05	23,45	-116,168
25	25	43	STER	-10,34	-20,27	22,76	-117,032
25	25	21	STER	-7,44	-20,27	21,59	-110,144
25	25	19	STER	-7,44	-21,05	22,32	-109,456
25	25	42	SSOVR	-6,88	-13,29	14,96	-117,379
25	25	43	SSOVR	-6,88	-14	15,6	-116,18
25	25	21	SSOVR	-4,51	-14	14,71	-107,871
25	25	19	SSOVR	-4,51	-13,29	14,03	-108,761
26	26	43	PP	0	0	0	0
26	26	44	PP	0	0	0	0
26	26	23	PP	0	0	0	0
26	26	21	PP	0	0	0	0
26	26	43	STER	-27,66	-19,99	34,13	-144,134
26	26	44	STER	-27,66	-28,52	39,73	-134,12
26	26	23	STER	-32,48	-28,52	43,22	-138,713
26	26	21	STER	-32,48	-19,99	38,14	-148,381
26	26	43	SSOVR	-18,53	-16,55	24,84	-138,227
26	26	44	SSOVR	-18,53	-43,48	47,27	-113,076
26	26	23	SSOVR	-37,49	-43,48	57,41	-130,769
26	26	21	SSOVR	-37,49	-16,55	40,98	-156,185
27	27	44	PP	0	0	0	0
27	27	45	PP	0	0	0	0



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
27	27	25	PP	0	0	0	0
27	27	23	PP	0	0	0	0
27	27	44	STER	-28,91	-26,99	39,55	-136,973
27	27	45	STER	-28,91	-12,43	31,47	-156,733
27	27	25	STER	-18,24	-12,43	22,08	-145,725
27	27	23	STER	-18,24	-26,99	32,58	-124,057
27	27	44	SSOVR	-2,87	-43,12	43,22	-93,813
27	27	45	SSOVR	-2,87	-12,03	12,37	-103,434
27	27	25	SSOVR	17,85	-12,03	21,53	-33,975
27	27	23	SSOVR	17,85	-43,12	46,67	-67,509
28	28	45	PP	0	0	0	0
28	28	46	PP	0	0	0	0
28	28	27	PP	0	0	0	0
28	28	25	PP	0	0	0	0
28	28	45	STER	-30,82	-8,17	31,89	-165,148
28	28	46	STER	-30,82	-4,45	31,14	-171,778
28	28	27	STER	-25,41	-4,45	25,8	-170,06
28	28	25	STER	-25,41	-8,17	26,7	-162,171
28	28	45	SSOVR	-9,13	-8,22	12,29	-138,017
28	28	46	SSOVR	-9,13	-3,38	9,74	-159,697
28	28	27	SSOVR	-8,45	-3,38	9,1	-158,201
28	28	25	SSOVR	-8,45	-8,22	11,79	-135,79
29	29	46	PP	0	0	0	0
29	29	47	PP	0	0	0	0
29	29	29	PP	0	0	0	0
29	29	27	PP	0	0	0	0
29	29	46	STER	-7,79	1,71	7,98	167,622
29	29	47	STER	-7,79	29,4	30,41	104,84
29	29	29	STER	0,83	29,4	29,41	88,384
29	29	27	STER	0,83	1,71	1,9	64,116
29	29	46	SSOVR	-9,82	-1,22	9,9	-172,904
29	29	47	SSOVR	-9,82	12,23	15,69	128,762
29	29	29	SSOVR	-6,55	12,23	13,88	118,167
29	29	27	SSOVR	-6,55	-1,22	6,66	-169,426
30	30	47	PP	0	0	0	0
30	30	48	PP	0	0	0	0
30	30	31	PP	0	0	0	0
30	30	29	PP	0	0	0	0
30	30	47	STER	-1,62	78,24	78,26	91,188
30	30	48	STER	-1,62	109,16	109,17	90,852
30	30	31	STER	102,51	109,16	149,74	46,798
30	30	29	STER	102,51	78,24	128,96	37,354
30	30	47	SSOVR	-18,24	31,89	36,74	119,77
30	30	48	SSOVR	-18,24	45,38	48,91	111,901
30	30	31	SSOVR	24,3	45,38	51,48	61,833
30	30	29	SSOVR	24,3	31,89	40,1	52,697
31	31	49	PP	0	0	0	0
31	31	34	PP	0	0	0	0
31	31	33	PP	0	0	0	0
31	31	49	STER	0,53	-5,87	5,89	-84,816
31	31	34	STER	0,53	-5,87	5,89	-84,816
31	31	33	STER	0,53	-5,87	5,89	-84,816
31	31	49	SSOVR	0,06495	-2,69	2,7	-88,619
31	31	34	SSOVR	0,06495	-2,69	2,7	-88,619
31	31	33	SSOVR	0,06495	-2,69	2,7	-88,619
32	32	49	PP	0	0	0	0
32	32	50	PP	0	0	0	0
32	32	35	PP	0	0	0	0
32	32	34	PP	0	0	0	0
32	32	49	STER	3,92	-0,37	3,94	-5,366
32	32	50	STER	3,92	-21,66	22,01	-79,738
32	32	35	STER	-10,23	-21,66	23,95	-115,288
32	32	34	STER	-10,23	-0,37	10,24	-177,938
32	32	49	SSOVR	3,39	5,4	6,38	57,921
32	32	50	SSOVR	3,39	-10,39	10,93	-71,95
32	32	35	SSOVR	-9,31	-10,39	13,95	-131,872
32	32	34	SSOVR	-9,31	5,4	10,77	149,885
33	33	50	PP	0	0	0	0

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
33	33	51	PP	0	0	0	0
33	33	36	PP	0	0	0	0
33	33	35	PP	0	0	0	0
33	33	50	STER	-21,25	-26,44	33,92	-128,795
33	33	51	STER	-21,25	-42,29	47,33	-116,685
33	33	36	STER	-33,37	-42,29	53,87	-128,282
33	33	35	STER	-33,37	-26,44	42,58	-141,614
33	33	50	SSOVR	-18,17	-14,54	23,27	-141,339
33	33	51	SSOVR	-18,17	-23,21	29,48	-128,053
33	33	36	SSOVR	-23,82	-23,21	33,26	-135,738
33	33	35	SSOVR	-23,82	-14,54	27,91	-148,604
34	34	51	PP	0	0	0	0
34	34	52	PP	0	0	0	0
34	34	37	PP	0	0	0	0
34	34	36	PP	0	0	0	0
34	34	51	STER	-35,25	-51,38	62,31	-124,451
34	34	52	STER	-35,25	-96,28	102,53	-110,107
34	34	37	STER	-84,88	-96,28	128,36	-131,398
34	34	36	STER	-84,88	-51,38	99,22	-148,813
34	34	51	SSOVR	-25,25	-28,85	38,34	-131,184
34	34	52	SSOVR	-25,25	-57,82	63,09	-113,588
34	34	37	SSOVR	-58,04	-57,82	81,93	-135,111
34	34	36	SSOVR	-58,04	-28,85	64,82	-153,567
35	35	52	PP	0	0	0	0
35	35	53	PP	0	0	0	0
35	35	38	PP	0	0	0	0
35	35	37	PP	0	0	0	0
35	35	52	STER	1,77	-123,1	123,11	-89,177
35	35	53	STER	1,77	-104,51	104,52	-89,031
35	35	38	STER	-91,69	-104,51	139,03	-131,263
35	35	37	STER	-91,69	-123,1	153,49	-126,681
35	35	52	SSOVR	-0,76	-75,4	75,4	-90,576
35	35	53	SSOVR	-0,76	-62,62	62,63	-90,693
35	35	38	SSOVR	-61,79	-62,62	87,98	-134,618
35	35	37	SSOVR	-61,79	-75,4	97,48	-129,336
36	36	53	PP	0	0	0	0
36	36	54	PP	0	0	0	0
36	36	39	PP	0	0	0	0
36	36	38	PP	0	0	0	0
36	36	53	STER	21,62	-104,36	106,57	-78,296
36	36	54	STER	21,62	-128,26	130,07	-80,432
36	36	39	STER	114,4	-128,26	171,86	-48,269
36	36	38	STER	114,4	-104,36	154,85	-42,372
36	36	53	SSOVR	13,38	-62,51	63,92	-77,921
36	36	54	SSOVR	13,38	-77,87	79,01	-80,252
36	36	39	SSOVR	74,35	-77,87	107,66	-46,322
36	36	38	SSOVR	74,35	-62,51	97,14	-40,054
37	37	54	PP	0	0	0	0
37	37	55	PP	0	0	0	0
37	37	40	PP	0	0	0	0
37	37	39	PP	0	0	0	0
37	37	54	STER	56,83	-101,33	116,18	-60,715
37	37	55	STER	56,83	-64,52	85,98	-48,625
37	37	40	STER	106,05	-64,52	124,13	-31,317
37	37	39	STER	106,05	-101,33	146,68	-43,698
37	37	54	SSOVR	37,8	-60,23	71,11	-57,885
37	37	55	SSOVR	37,8	-35,96	52,18	-43,572
37	37	40	SSOVR	70	-35,96	78,7	-27,192
37	37	39	SSOVR	70	-60,23	92,34	-40,707
38	38	55	PP	0	0	0	0
38	38	56	PP	0	0	0	0
38	38	41	PP	0	0	0	0
38	38	40	PP	0	0	0	0
38	38	55	STER	37,62	-55,91	67,38	-56,066
38	38	56	STER	37,62	-41,25	55,83	-47,638
38	38	41	STER	48,53	-41,25	63,69	-40,365
38	38	40	STER	48,53	-55,91	74,03	-49,042
38	38	55	SSOVR	26,7	-30,42	40,47	-48,729

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
38	38	56	SSOVR	26,7	-21,16	34,06	-38,395
38	38	41	SSOVR	33,39	-21,16	39,53	-32,355
38	38	40	SSOVR	33,39	-30,42	45,17	-42,331
39	39	56	PP	0	0	0	0
39	39	57	PP	0	0	0	0
39	39	42	PP	0	0	0	0
39	39	41	PP	0	0	0	0
39	39	56	STER	8,78	-38,39	39,38	-77,114
39	39	57	STER	8,78	-31,78	32,97	-74,553
39	39	42	STER	15,13	-31,78	35,2	-64,543
39	39	41	STER	15,13	-38,39	41,26	-68,489
39	39	56	SSOVR	9,04	-19,55	21,54	-65,168
39	39	57	SSOVR	9,04	-16,49	18,81	-61,258
39	39	42	SSOVR	12,09	-16,49	20,45	-53,748
39	39	41	SSOVR	12,09	-19,55	22,98	-58,255
40	40	57	PP	0	0	0	0
40	40	58	PP	0	0	0	0
40	40	43	PP	0	0	0	0
40	40	42	PP	0	0	0	0
40	40	57	STER	-14,82	-30,17	33,62	-116,159
40	40	58	STER	-14,82	-24,92	29	-120,737
40	40	43	STER	-11,21	-24,92	27,33	-114,225
40	40	42	STER	-11,21	-30,17	32,19	-110,389
40	40	57	SSOVR	-4,83	-16,23	16,93	-106,574
40	40	58	SSOVR	-4,83	-15,96	16,67	-106,837
40	40	43	SSOVR	-6,64	-15,96	17,28	-112,597
40	40	42	SSOVR	-6,64	-16,23	17,53	-112,259
41	41	58	PP	0	0	0	0
41	41	59	PP	0	0	0	0
41	41	44	PP	0	0	0	0
41	41	43	PP	0	0	0	0
41	41	58	STER	-31,28	-24,24	39,57	-142,223
41	41	59	STER	-31,28	-17,11	35,65	-151,324
41	41	44	STER	-28,45	-17,11	33,2	-148,982
41	41	43	STER	-28,45	-24,24	37,38	-139,568
41	41	58	SSOVR	-11,29	-17,69	20,99	-122,547
41	41	59	SSOVR	-11,29	-12,5	16,85	-132,093
41	41	44	SSOVR	-17,29	-12,5	21,34	-144,14
41	41	43	SSOVR	-17,29	-17,69	24,74	-134,346
42	42	59	PP	0	0	0	0
42	42	60	PP	0	0	0	0
42	42	45	PP	0	0	0	0
42	42	44	PP	0	0	0	0
42	42	59	STER	-43,16	-15,23	45,77	-160,559
42	42	60	STER	-43,16	-7,88	43,87	-169,652
42	42	45	STER	-31,8	-7,88	32,77	-166,082
42	42	44	STER	-31,8	-15,23	35,26	-154,405
42	42	59	SSOVR	-16,94	-12	20,76	-144,7
42	42	60	SSOVR	-16,94	-9,86	19,6	-149,809
42	42	45	SSOVR	-6,3	-9,86	11,7	-122,595
42	42	44	SSOVR	-6,3	-12	13,55	-117,717
43	43	60	PP	0	0	0	0
43	43	61	PP	0	0	0	0
43	43	46	PP	0	0	0	0
43	43	45	PP	0	0	0	0
43	43	60	STER	-50,72	-3,05	50,81	-176,555
43	43	61	STER	-50,72	14,05	52,63	164,515
43	43	46	STER	-33,99	14,05	36,78	157,537
43	43	45	STER	-33,99	-3,05	34,12	-174,867
43	43	60	SSOVR	-20,5	-6,43	21,48	-162,576
43	43	61	SSOVR	-20,5	4,51	20,99	167,587
43	43	46	SSOVR	-11,71	4,51	12,55	158,926
43	43	45	SSOVR	-11,71	-6,43	13,36	-151,213
44	44	61	PP	0	0	0	0
44	44	62	PP	0	0	0	0
44	44	47	PP	0	0	0	0
44	44	46	PP	0	0	0	0
44	44	61	STER	-59,9	25,94	65,27	156,583

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
44	44	62	STER	-59,9	47,31	76,33	141,699
44	44	47	STER	-12,53	47,31	48,94	104,836
44	44	46	STER	-12,53	25,94	28,81	115,782
44	44	61	SSOVR	-30,67	9,21	32,02	163,277
44	44	62	SSOVR	-30,67	19,72	36,46	147,261
44	44	47	SSOVR	-12,38	19,72	23,28	122,116
44	44	46	SSOVR	-12,38	9,21	15,43	143,332
45	45	62	PP	0	0	0	0
45	45	63	PP	0	0	0	0
45	45	48	PP	0	0	0	0
45	45	47	PP	0	0	0	0
45	45	62	STER	-94,23	80,19	123,73	139,602
45	45	63	STER	-94,23	91,72	131,5	135,772
45	45	48	STER	1,19	91,72	91,73	89,259
45	45	47	STER	1,19	80,19	80,19	89,153
45	45	62	SSOVR	-54,74	32,45	63,63	149,339
45	45	63	SSOVR	-54,74	37,42	66,3	145,645
45	45	48	SSOVR	-17,33	37,42	41,23	114,847
45	45	47	SSOVR	-17,33	32,45	36,79	118,099
46	46	64	PP	0	0	0	0
46	46	50	PP	0	0	0	0
46	46	49	PP	0	0	0	0
46	46	64	STER	0,35	-15,85	15,85	-88,737
46	46	50	STER	0,35	-15,85	15,85	-88,737
46	46	49	STER	0,35	-15,85	15,85	-88,737
46	46	64	SSOVR	-3	-7,31	7,9	-112,346
46	46	50	SSOVR	-3	-7,31	7,9	-112,346
46	46	49	SSOVR	-3	-7,31	7,9	-112,346
47	47	64	PP	0	0	0	0
47	47	65	PP	0	0	0	0
47	47	51	PP	0	0	0	0
47	47	50	PP	0	0	0	0
47	47	64	STER	13,27	-14,63	19,76	-47,789
47	47	65	STER	13,27	-45,25	47,16	-73,651
47	47	51	STER	-11,34	-45,25	46,65	-104,073
47	47	50	STER	-11,34	-14,63	18,51	-127,781
47	47	64	SSOVR	8,07	-3,66	8,86	-24,386
47	47	65	SSOVR	8,07	-21,7	23,15	-69,603
47	47	51	SSOVR	-11,69	-21,7	24,65	-118,313
47	47	50	SSOVR	-11,69	-3,66	12,25	-162,626
48	48	65	PP	0	0	0	0
48	48	66	PP	0	0	0	0
48	48	52	PP	0	0	0	0
48	48	51	PP	0	0	0	0
48	48	65	STER	5,9	-55,65	55,96	-83,949
48	48	66	STER	5,9	-55,83	56,14	-83,968
48	48	52	STER	-31,27	-55,83	63,99	-119,255
48	48	51	STER	-31,27	-55,65	63,83	-119,336
48	48	65	SSOVR	-0,58	-29,49	29,49	-91,127
48	48	66	SSOVR	-0,58	-28,11	28,12	-91,182
48	48	52	SSOVR	-23,19	-28,11	36,44	-129,514
48	48	51	SSOVR	-23,19	-29,49	37,51	-128,179
49	49	66	PP	0	0	0	0
49	49	67	PP	0	0	0	0
49	49	53	PP	0	0	0	0
49	49	52	PP	0	0	0	0
49	49	66	STER	9,05	-66,1	66,72	-82,206
49	49	67	STER	9,05	-66,61	67,22	-82,265
49	49	53	STER	-2,86	-66,61	66,67	-92,456
49	49	52	STER	-2,86	-66,1	66,17	-92,475
49	49	66	SSOVR	3,82	-34,7	34,91	-83,72
49	49	67	SSOVR	3,82	-33,95	34,17	-83,583
49	49	53	SSOVR	-4,13	-33,95	34,2	-96,932
49	49	52	SSOVR	-4,13	-34,7	34,94	-96,784
50	50	67	PP	0	0	0	0
50	50	68	PP	0	0	0	0
50	50	54	PP	0	0	0	0
50	50	53	PP	0	0	0	0

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
50	50	67	STER	17,08	-66,25	68,42	-75,542
50	50	68	STER	17,08	-74,51	76,44	-77,087
50	50	54	STER	29,62	-74,51	80,18	-68,319
50	50	53	STER	29,62	-66,25	72,57	-65,911
50	50	67	SSOVR	9,97	-33,74	35,18	-73,541
50	50	68	SSOVR	9,97	-38,53	39,8	-75,498
50	50	54	SSOVR	18,39	-38,53	42,7	-64,488
50	50	53	SSOVR	18,39	-33,74	38,42	-61,404
51	51	68	PP	0	0	0	0
51	51	69	PP	0	0	0	0
51	51	55	PP	0	0	0	0
51	51	54	PP	0	0	0	0
51	51	68	STER	21,67	-64,48	68,02	-71,427
51	51	69	STER	21,67	-68,2	71,56	-72,376
51	51	55	STER	55,09	-68,2	87,67	-51,071
51	51	54	STER	55,09	-64,48	84,81	-49,491
51	51	68	SSOVR	14,71	-31,98	35,2	-65,302
51	51	69	SSOVR	14,71	-34,21	37,24	-66,735
51	51	55	SSOVR	36,59	-34,21	50,09	-43,075
51	51	54	SSOVR	36,59	-31,98	48,6	-41,156
52	52	69	PP	0	0	0	0
52	52	70	PP	0	0	0	0
52	52	56	PP	0	0	0	0
52	52	55	PP	0	0	0	0
52	52	69	STER	16,26	-57,98	60,22	-74,331
52	52	70	STER	16,26	-49,84	52,42	-71,926
52	52	56	STER	33,71	-49,84	60,16	-55,929
52	52	55	STER	33,71	-57,98	67,07	-59,83
52	52	69	SSOVR	13,34	-27,61	30,66	-64,212
52	52	70	SSOVR	13,34	-22,75	26,37	-59,615
52	52	56	SSOVR	24,27	-22,75	33,26	-43,151
52	52	55	SSOVR	24,27	-27,61	36,76	-48,685
53	53	70	PP	0	0	0	0
53	53	71	PP	0	0	0	0
53	53	57	PP	0	0	0	0
53	53	56	PP	0	0	0	0
53	53	70	STER	-1,97	-45,48	45,53	-92,48
53	53	71	STER	-1,97	-36,47	36,52	-93,092
53	53	57	STER	6,06	-36,47	36,97	-80,56
53	53	56	STER	6,06	-45,48	45,89	-82,407
53	53	70	SSOVR	3,96	-20,24	20,62	-78,923
53	53	71	SSOVR	3,96	-15,5	15,99	-75,658
53	53	57	SSOVR	7,69	-15,5	17,3	-63,614
53	53	56	SSOVR	7,69	-20,24	21,65	-69,199
54	54	71	PP	0	0	0	0
54	54	72	PP	0	0	0	0
54	54	58	PP	0	0	0	0
54	54	57	PP	0	0	0	0
54	54	71	STER	-23,09	-34,45	41,47	-123,83
54	54	72	STER	-23,09	-25,09	34,09	-132,622
54	54	58	STER	-17,63	-25,09	30,66	-125,091
54	54	57	STER	-17,63	-34,45	38,7	-117,098
54	54	71	SSOVR	-6,46	-15,07	16,39	-113,194
54	54	72	SSOVR	-6,46	-10,12	12	-122,542
54	54	58	SSOVR	-6,18	-10,12	11,85	-121,406
54	54	57	SSOVR	-6,18	-15,07	16,29	-112,293
55	55	72	PP	0	0	0	0
55	55	73	PP	0	0	0	0
55	55	59	PP	0	0	0	0
55	55	58	PP	0	0	0	0
55	55	72	STER	-41,99	-23,48	48,11	-150,785
55	55	73	STER	-41,99	-14,3	44,36	-161,197
55	55	59	STER	-34,75	-14,3	37,58	-157,637
55	55	58	STER	-34,75	-23,48	41,94	-145,953
55	55	72	SSOVR	-15,26	-10,19	18,35	-146,253
55	55	73	SSOVR	-15,26	-5,52	16,22	-160,119
55	55	59	SSOVR	-13,53	-5,52	14,61	-157,82
55	55	58	SSOVR	-13,53	-10,19	16,94	-143,012

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
56	56	73	PP	0	0	0	0
56	56	74	PP	0	0	0	0
56	56	60	PP	0	0	0	0
56	56	59	PP	0	0	0	0
56	56	73	STER	-58,5	-11,77	59,68	-168,624
56	56	74	STER	-58,5	-1,49	58,52	-178,545
56	56	60	STER	-46,74	-1,49	46,77	-178,179
56	56	59	STER	-46,74	-11,77	48,2	-165,865
56	56	73	SSOVR	-22,98	-4,74	23,47	-168,337
56	56	74	SSOVR	-22,98	-0,67	22,99	-178,335
56	56	60	SSOVR	-18,23	-0,67	18,24	-177,901
56	56	59	SSOVR	-18,23	-4,74	18,84	-165,416
57	57	74	PP	0	0	0	0
57	57	75	PP	0	0	0	0
57	57	61	PP	0	0	0	0
57	57	60	PP	0	0	0	0
57	57	74	STER	-77,67	4,53	77,8	176,661
57	57	75	STER	-77,67	19,72	80,13	165,754
57	57	61	STER	-55,12	19,72	58,54	160,314
57	57	60	STER	-55,12	4,53	55,3	175,3
57	57	74	SSOVR	-32,7	1,97	32,76	176,551
57	57	75	SSOVR	-32,7	8,14	33,7	166,021
57	57	61	SSOVR	-22,82	8,14	24,22	160,363
57	57	60	SSOVR	-22,82	1,97	22,9	175,063
58	58	75	PP	0	0	0	0
58	58	76	PP	0	0	0	0
58	58	62	PP	0	0	0	0
58	58	61	PP	0	0	0	0
58	58	75	STER	-105,26	33,35	110,41	162,42
58	58	76	STER	-105,26	45,18	114,54	156,768
58	58	62	STER	-62,31	45,18	76,97	144,053
58	58	61	STER	-62,31	33,35	70,67	151,844
58	58	75	SSOVR	-48,22	13,5	50,08	164,356
58	58	76	SSOVR	-48,22	18,62	51,69	158,891
58	58	62	SSOVR	-32,17	18,62	37,17	149,939
58	58	61	SSOVR	-32,17	13,5	34,89	157,226
59	59	76	PP	0	0	0	0
59	59	77	PP	0	0	0	0
59	59	63	PP	0	0	0	0
59	59	62	PP	0	0	0	0
59	59	76	STER	-148,2	68,64	163,32	155,147
59	59	77	STER	-148,2	77,55	167,26	152,379
59	59	63	STER	-91,7	77,55	120,09	139,779
59	59	62	STER	-91,7	68,64	114,54	143,182
59	59	76	SSOVR	-73,62	27,02	78,42	159,843
59	59	77	SSOVR	-73,62	30,12	79,54	157,746
59	59	63	SSOVR	-53,87	30,12	61,72	150,787
59	59	62	SSOVR	-53,87	27,02	60,27	153,36
60	60	78	PP	0	0	0	0
60	60	65	PP	0	0	0	0
60	60	64	PP	0	0	0	0
60	60	78	STER	9,51	-26,29	27,96	-70,118
60	60	65	STER	9,51	-26,29	27,96	-70,118
60	60	64	STER	9,51	-26,29	27,96	-70,118
60	60	78	SSOVR	2,41	-12,34	12,57	-78,94
60	60	65	SSOVR	2,41	-12,34	12,57	-78,94
60	60	64	SSOVR	2,41	-12,34	12,57	-78,94
61	61	78	PP	0	0	0	0
61	61	79	PP	0	0	0	0
61	61	66	PP	0	0	0	0
61	61	65	PP	0	0	0	0
61	61	78	STER	18,84	-29,02	34,6	-57,009
61	61	79	STER	18,84	-45,64	49,37	-67,568
61	61	66	STER	10,13	-45,64	46,75	-77,488
61	61	65	STER	10,13	-29,02	30,74	-70,762
61	61	78	SSOVR	10,15	-13,07	16,55	-52,16
61	61	79	SSOVR	10,15	-19,48	21,97	-62,474
61	61	66	SSOVR	1,35	-19,48	19,53	-86,04

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
61	61	65	SSOVR	1,35	-13,07	13,14	-84,108
62	62	79	PP	0	0	0	0
62	62	80	PP	0	0	0	0
62	62	67	PP	0	0	0	0
62	62	66	PP	0	0	0	0
62	62	79	STER	18,71	-47,83	51,36	-68,63
62	62	80	STER	18,71	-47,15	50,72	-68,35
62	62	67	STER	8,25	-47,15	47,86	-80,072
62	62	66	STER	8,25	-47,83	48,53	-80,21
62	62	79	SSOVR	8,3	-21,53	23,08	-68,919
62	62	80	SSOVR	8,3	-20,39	22,02	-67,851
62	62	67	SSOVR	2,71	-20,39	20,57	-82,441
62	62	66	SSOVR	2,71	-21,53	21,7	-82,837
63	63	80	PP	0	0	0	0
63	63	81	PP	0	0	0	0
63	63	68	PP	0	0	0	0
63	63	67	PP	0	0	0	0
63	63	80	STER	13,65	-47,28	49,21	-73,901
63	63	81	STER	13,65	-52,87	54,6	-75,528
63	63	68	STER	20,84	-52,87	56,83	-68,487
63	63	67	STER	20,84	-47,28	51,67	-66,213
63	63	80	SSOVR	7,21	-20,44	21,68	-70,585
63	63	81	SSOVR	7,21	-22,67	23,79	-72,366
63	63	68	SSOVR	12	-22,67	25,65	-62,095
63	63	67	SSOVR	12	-20,44	23,71	-59,578
64	64	81	PP	0	0	0	0
64	64	82	PP	0	0	0	0
64	64	69	PP	0	0	0	0
64	64	68	PP	0	0	0	0
64	64	81	STER	10,07	-48,16	49,2	-78,191
64	64	82	STER	10,07	-52,76	53,71	-79,196
64	64	69	STER	25,2	-52,76	58,47	-64,467
64	64	68	STER	25,2	-48,16	54,35	-62,375
64	64	81	SSOVR	6,97	-19,62	20,82	-70,438
64	64	82	SSOVR	6,97	-22,06	23,13	-72,461
64	64	69	SSOVR	16,84	-22,06	27,75	-52,641
64	64	68	SSOVR	16,84	-19,62	25,85	-49,358
65	65	82	PP	0	0	0	0
65	65	83	PP	0	0	0	0
65	65	70	PP	0	0	0	0
65	65	69	PP	0	0	0	0
65	65	82	STER	1,41	-46,41	46,43	-88,265
65	65	83	STER	1,41	-45,57	45,59	-88,233
65	65	70	STER	15,91	-45,57	48,27	-70,76
65	65	69	STER	15,91	-46,41	49,06	-71,084
65	65	82	SSOVR	4,15	-18,03	18,5	-77,041
65	65	83	SSOVR	4,15	-17,58	18,06	-76,724
65	65	70	SSOVR	13,19	-17,58	21,98	-53,121
65	65	69	SSOVR	13,19	-18,03	22,34	-53,808
66	66	83	PP	0	0	0	0
66	66	84	PP	0	0	0	0
66	66	71	PP	0	0	0	0
66	66	70	PP	0	0	0	0
66	66	83	STER	-13,72	-41,03	43,27	-108,482
66	66	84	STER	-13,72	-35,11	37,7	-111,337
66	66	71	STER	-4,38	-35,11	35,38	-97,117
66	66	70	STER	-4,38	-41,03	41,27	-96,098
66	66	83	SSOVR	-2,15	-14,93	15,08	-98,198
66	66	84	SSOVR	-2,15	-11,82	12,01	-100,318
66	66	71	SSOVR	2,65	-11,82	12,11	-77,335
66	66	70	SSOVR	2,65	-14,93	15,16	-79,917
67	67	84	PP	0	0	0	0
67	67	85	PP	0	0	0	0
67	67	72	PP	0	0	0	0
67	67	71	PP	0	0	0	0
67	67	84	STER	-33,57	-32,39	46,65	-136,019
67	67	85	STER	-33,57	-23,73	41,11	-144,739
67	67	72	STER	-26,37	-23,73	35,48	-138,011



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
67	67	71	STER	-26,37	-32,39	41,77	-129,144
67	67	84	SSOVR	-10,84	-10,66	15,2	-135,481
67	67	85	SSOVR	-10,84	-6,36	12,57	-149,593
67	67	72	SSOVR	-8,27	-6,36	10,43	-142,442
67	67	71	SSOVR	-8,27	-10,66	13,49	-127,816
68	68	85	PP	0	0	0	0
68	68	86	PP	0	0	0	0
68	68	73	PP	0	0	0	0
68	68	72	PP	0	0	0	0
68	68	85	STER	-54,45	-21,49	58,54	-158,463
68	68	86	STER	-54,45	-12,71	55,91	-166,863
68	68	73	STER	-45,74	-12,71	47,48	-164,474
68	68	72	STER	-45,74	-21,49	50,54	-154,837
68	68	85	SSOVR	-19,98	-5,69	20,78	-164,108
68	68	86	SSOVR	-19,98	-1,89	20,07	-174,599
68	68	73	SSOVR	-17,12	-1,89	17,23	-173,704
68	68	72	SSOVR	-17,12	-5,69	18,04	-161,623
69	69	86	PP	0	0	0	0
69	69	87	PP	0	0	0	0
69	69	74	PP	0	0	0	0
69	69	73	PP	0	0	0	0
69	69	86	STER	-75,57	-9,66	76,18	-172,718
69	69	87	STER	-75,57	-0,06794	75,57	-179,948
69	69	74	STER	-62,37	-0,06794	62,37	-179,938
69	69	73	STER	-62,37	-9,66	63,11	-171,199
69	69	86	SSOVR	-29,3	-0,87	29,31	-178,291
69	69	87	SSOVR	-29,3	2,82	29,43	174,502
69	69	74	SSOVR	-24,53	2,82	24,69	173,442
69	69	73	SSOVR	-24,53	-0,87	24,55	-177,959
70	70	87	PP	0	0	0	0
70	70	88	PP	0	0	0	0
70	70	75	PP	0	0	0	0
70	70	74	PP	0	0	0	0
70	70	87	STER	-103,19	6,3	103,38	176,507
70	70	88	STER	-103,19	18,27	104,79	169,96
70	70	75	STER	-80,9	18,27	82,94	167,275
70	70	74	STER	-80,9	6,3	81,15	175,548
70	70	87	SSOVR	-41,98	5,14	42,29	173,024
70	70	88	SSOVR	-41,98	9,13	42,96	167,726
70	70	75	SSOVR	-33,87	9,13	35,08	164,91
70	70	74	SSOVR	-33,87	5,14	34,26	171,377
71	71	88	PP	0	0	0	0
71	71	89	PP	0	0	0	0
71	71	76	PP	0	0	0	0
71	71	75	PP	0	0	0	0
71	71	88	STER	-141,08	30,23	144,28	167,907
71	71	89	STER	-141,08	39,79	146,58	164,251
71	71	76	STER	-106,18	39,79	113,39	159,459
71	71	75	STER	-106,18	30,23	110,4	164,109
71	71	88	SSOVR	-60,33	13,32	61,78	167,552
71	71	89	SSOVR	-60,33	16,14	62,45	165,023
71	71	76	SSOVR	-48,6	16,14	51,21	161,629
71	71	75	SSOVR	-48,6	13,32	50,39	164,676
72	72	89	PP	0	0	0	0
72	72	90	PP	0	0	0	0
72	72	77	PP	0	0	0	0
72	72	76	PP	0	0	0	0
72	72	89	STER	-190,91	57,83	199,47	163,149
72	72	90	STER	-190,91	67,55	202,51	160,514
72	72	77	STER	-147,33	67,55	162,07	155,368
72	72	76	STER	-147,33	57,83	158,27	158,57
72	72	89	SSOVR	-86,02	21,78	88,74	165,791
72	72	90	SSOVR	-86,02	24,31	89,39	164,217
72	72	77	SSOVR	-73,27	24,31	77,2	161,642
72	72	76	SSOVR	-73,27	21,78	76,44	163,445
73	73	91	PP	0	0	0	0
73	73	79	PP	0	0	0	0
73	73	78	PP	0	0	0	0





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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
73	73	91	STER	15,83	-27,16	31,44	-59,761
73	73	79	STER	15,83	-27,16	31,44	-59,761
73	73	78	STER	15,83	-27,16	31,44	-59,761
73	73	91	SSOVR	6,62	-11,84	13,57	-60,769
73	73	79	SSOVR	6,62	-11,84	13,57	-60,769
73	73	78	SSOVR	6,62	-11,84	13,57	-60,769
74	74	91	PP	0	0	0	0
74	74	92	PP	0	0	0	0
74	74	80	PP	0	0	0	0
74	74	79	PP	0	0	0	0
74	74	91	STER	15,62	-26,33	30,62	-59,315
74	74	92	STER	15,62	-38,87	41,89	-68,101
74	74	80	STER	24,02	-38,87	45,69	-58,287
74	74	79	STER	24,02	-26,33	35,64	-47,629
74	74	91	SSOVR	6,5	-12,23	13,85	-62,037
74	74	92	SSOVR	6,5	-14,65	16,02	-66,084
74	74	80	SSOVR	10,18	-14,65	17,84	-55,192
74	74	79	SSOVR	10,18	-12,23	15,92	-50,231
75	75	92	PP	0	0	0	0
75	75	93	PP	0	0	0	0
75	75	81	PP	0	0	0	0
75	75	80	PP	0	0	0	0
75	75	92	STER	13,91	-36,79	39,33	-69,289
75	75	93	STER	13,91	-37,42	39,92	-69,609
75	75	81	STER	15,38	-37,42	40,46	-67,653
75	75	80	STER	15,38	-36,79	39,87	-67,309
75	75	92	SSOVR	6,38	-13,49	14,92	-64,687
75	75	93	SSOVR	6,38	-13,43	14,87	-64,593
75	75	81	SSOVR	7,77	-13,43	15,51	-59,957
75	75	80	SSOVR	7,77	-13,49	15,56	-60,062
76	76	93	PP	0	0	0	0
76	76	94	PP	0	0	0	0
76	76	82	PP	0	0	0	0
76	76	81	PP	0	0	0	0
76	76	93	STER	4,63	-34,73	35,03	-82,398
76	76	94	STER	4,63	-39,38	39,65	-83,287
76	76	82	STER	12,8	-39,38	41,4	-71,998
76	76	81	STER	12,8	-34,73	37,01	-69,773
76	76	93	SSOVR	2,8	-11,82	12,14	-76,679
76	76	94	SSOVR	2,8	-13,19	13,49	-78,027
76	76	82	SSOVR	8,34	-13,19	15,61	-57,704
76	76	81	SSOVR	8,34	-11,82	14,46	-54,789
77	77	94	PP	0	0	0	0
77	77	95	PP	0	0	0	0
77	77	83	PP	0	0	0	0
77	77	82	PP	0	0	0	0
77	77	94	STER	-7,18	-35,64	36,36	-101,391
77	77	95	STER	-7,18	-36,11	36,82	-101,245
77	77	83	STER	2,35	-36,11	36,19	-86,274
77	77	82	STER	2,35	-35,64	35,72	-86,225
77	77	94	SSOVR	-1,22	-10,81	10,88	-96,411
77	77	95	SSOVR	-1,22	-10,86	10,93	-96,384
77	77	83	SSOVR	4,68	-10,86	11,82	-66,689
77	77	82	SSOVR	4,68	-10,81	11,78	-66,6
78	78	95	PP	0	0	0	0
78	78	96	PP	0	0	0	0
78	78	84	PP	0	0	0	0
78	78	83	PP	0	0	0	0
78	78	95	STER	-22,7	-32,65	39,77	-124,804
78	78	96	STER	-22,7	-29,61	37,31	-127,468
78	78	84	STER	-14,86	-29,61	33,13	-116,651
78	78	83	STER	-14,86	-32,65	35,87	-114,474
78	78	95	SSOVR	-7,08	-8,82	11,31	-128,771
78	78	96	SSOVR	-7,08	-7,26	10,14	-134,289
78	78	84	SSOVR	-2,73	-7,26	7,76	-110,608
78	78	83	SSOVR	-2,73	-8,82	9,23	-107,204
79	79	96	PP	0	0	0	0
79	79	97	PP	0	0	0	0

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
79	79	85	PP	0	0	0	0
79	79	84	PP	0	0	0	0
79	79	96	STER	-43,23	-26,96	50,95	-148,049
79	79	97	STER	-43,23	-20,62	47,89	-154,504
79	79	85	STER	-36,11	-20,62	41,58	-150,279
79	79	84	STER	-36,11	-26,96	45,07	-143,255
79	79	96	SSOVR	-15,17	-5,93	16,29	-158,657
79	79	97	SSOVR	-15,17	-3,16	15,5	-168,236
79	79	85	SSOVR	-12,07	-3,16	12,47	-165,328
79	79	84	SSOVR	-12,07	-5,93	13,45	-153,837
80	80	97	PP	0	0	0	0
80	80	98	PP	0	0	0	0
80	80	86	PP	0	0	0	0
80	80	85	PP	0	0	0	0
80	80	97	STER	-66,16	-18,27	68,64	-164,567
80	80	98	STER	-66,16	-11,19	67,1	-170,398
80	80	86	STER	-57,62	-11,19	58,7	-169,007
80	80	85	STER	-57,62	-18,27	60,45	-162,412
80	80	97	SSOVR	-24,4	-2,24	24,5	-174,763
80	80	98	SSOVR	-24,4	0,47	24,41	178,887
80	80	86	SSOVR	-21,33	0,47	21,34	178,726
80	80	85	SSOVR	-21,33	-2,24	21,45	-174,015
81	81	98	PP	0	0	0	0
81	81	99	PP	0	0	0	0
81	81	87	PP	0	0	0	0
81	81	86	PP	0	0	0	0
81	81	98	STER	-91	-8,19	91,37	-174,856
81	81	99	STER	-91	-0,38	91	-179,762
81	81	87	STER	-78,77	-0,38	78,77	-179,725
81	81	86	STER	-78,77	-8,19	79,19	-174,063
81	81	98	SSOVR	-34,55	1,5	34,58	177,516
81	81	99	SSOVR	-34,55	4,08	34,79	173,271
81	81	87	SSOVR	-30,46	4,08	30,74	172,379
81	81	86	SSOVR	-30,46	1,5	30,5	177,183
82	82	99	PP	0	0	0	0
82	82	100	PP	0	0	0	0
82	82	88	PP	0	0	0	0
82	82	87	PP	0	0	0	0
82	82	99	STER	-124,57	5,26	124,69	177,583
82	82	100	STER	-124,57	15,21	125,5	173,041
82	82	88	STER	-105,64	15,21	106,73	171,809
82	82	87	STER	-105,64	5,26	105,77	177,151
82	82	99	SSOVR	-48,6	5,89	48,96	173,087
82	82	100	SSOVR	-48,6	8,61	49,36	169,954
82	82	88	SSOVR	-42,68	8,61	43,54	168,595
82	82	87	SSOVR	-42,68	5,89	43,09	172,139
83	83	100	PP	0	0	0	0
83	83	101	PP	0	0	0	0
83	83	89	PP	0	0	0	0
83	83	88	PP	0	0	0	0
83	83	100	STER	-169,94	24,98	171,77	171,639
83	83	101	STER	-169,94	33,98	173,31	168,694
83	83	89	STER	-142,07	33,98	146,08	166,55
83	83	88	STER	-142,07	24,98	144,25	170,029
83	83	100	SSOVR	-68,24	11,52	69,21	170,417
83	83	101	SSOVR	-68,24	13,42	69,55	168,878
83	83	89	SSOVR	-60,45	13,42	61,92	167,486
83	83	88	SSOVR	-60,45	11,52	61,54	169,208
84	84	101	PP	0	0	0	0
84	84	102	PP	0	0	0	0
84	84	90	PP	0	0	0	0
84	84	89	PP	0	0	0	0
84	84	101	STER	-227,66	48,7	232,81	167,924
84	84	102	STER	-227,66	58,45	235,04	165,601
84	84	90	STER	-190,97	58,45	199,71	162,982
84	84	89	STER	-190,97	48,7	197,08	165,693
84	84	101	SSOVR	-94,33	17,15	95,87	169,693
84	84	102	SSOVR	-94,33	19,04	96,23	168,589



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
84	84	90	SSOVR	-85,91	19,04	87,99	167,504
84	84	89	SSOVR	-85,91	17,15	87,61	168,708
85	85	103	PP	0	0	0	0
85	85	92	PP	0	0	0	0
85	85	91	PP	0	0	0	0
85	85	103	STER	11,87	-21,96	24,96	-61,604
85	85	92	STER	11,87	-21,96	24,96	-61,604
85	85	91	STER	11,87	-21,96	24,96	-61,604
85	85	103	SSOVR	4,9	-8,12	9,48	-58,908
85	85	92	SSOVR	4,9	-8,12	9,48	-58,908
85	85	91	SSOVR	4,9	-8,12	9,48	-58,908
86	86	103	PP	0	0	0	0
86	86	104	PP	0	0	0	0
86	86	93	PP	0	0	0	0
86	86	92	PP	0	0	0	0
86	86	103	STER	9,21	-17,15	19,46	-61,761
86	86	104	STER	9,21	-27,81	29,29	-71,677
86	86	93	STER	18,7	-27,81	33,51	-56,083
86	86	92	STER	18,7	-17,15	25,37	-42,522
86	86	103	SSOVR	2,02	-7,57	7,83	-75,037
86	86	104	SSOVR	2,02	-8,31	8,56	-76,325
86	86	93	SSOVR	7,53	-8,31	11,21	-47,847
86	86	92	SSOVR	7,53	-7,57	10,67	-45,163
87	87	104	PP	0	0	0	0
87	87	105	PP	0	0	0	0
87	87	94	PP	0	0	0	0
87	87	93	PP	0	0	0	0
87	87	104	STER	1,38	-26,39	26,43	-87,007
87	87	105	STER	1,38	-26,66	26,69	-87,037
87	87	94	STER	5,95	-26,66	27,31	-77,418
87	87	93	STER	5,95	-26,39	27,05	-77,296
87	87	104	SSOVR	0,49	-6,95	6,97	-85,959
87	87	105	SSOVR	0,49	-6,89	6,91	-85,923
87	87	94	SSOVR	3,28	-6,89	7,63	-64,527
87	87	93	SSOVR	3,28	-6,95	7,69	-64,723
88	88	105	PP	0	0	0	0
88	88	106	PP	0	0	0	0
88	88	95	PP	0	0	0	0
88	88	94	PP	0	0	0	0
88	88	105	STER	-9,99	-23,57	25,6	-112,959
88	88	106	STER	-9,99	-26,35	28,18	-110,752
88	88	95	STER	-6,07	-26,35	27,05	-102,977
88	88	94	STER	-6,07	-23,57	24,34	-104,448
88	88	105	SSOVR	-3,8	-5,18	6,43	-126,235
88	88	106	SSOVR	-3,8	-5,43	6,63	-124,982
88	88	95	SSOVR	-0,8	-5,43	5,49	-98,433
88	88	94	SSOVR	-0,8	-5,18	5,25	-98,825
89	89	106	PP	0	0	0	0
89	89	107	PP	0	0	0	0
89	89	96	PP	0	0	0	0
89	89	95	PP	0	0	0	0
89	89	106	STER	-28,27	-24,22	37,22	-139,417
89	89	107	STER	-28,27	-22,42	36,08	-141,583
89	89	96	STER	-23,11	-22,42	32,2	-135,862
89	89	95	STER	-23,11	-24,22	33,47	-133,656
89	89	106	SSOVR	-10,19	-4,04	10,96	-158,354
89	89	107	SSOVR	-10,19	-3,15	10,67	-162,817
89	89	96	SSOVR	-7,27	-3,15	7,92	-156,557
89	89	95	SSOVR	-7,27	-4,04	8,32	-150,904
90	90	107	PP	0	0	0	0
90	90	108	PP	0	0	0	0
90	90	97	PP	0	0	0	0
90	90	96	PP	0	0	0	0
90	90	107	STER	-49,28	-20,36	53,32	-157,549
90	90	108	STER	-49,28	-16,37	51,93	-161,621
90	90	97	STER	-44,8	-16,37	47,69	-159,923
90	90	96	STER	-44,8	-20,36	49,21	-155,556
90	90	107	SSOVR	-17,96	-2,04	18,08	-173,511



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
90	90	108	SSOVR	-17,96	-0,45	17,97	-178,555
90	90	97	SSOVR	-15,81	-0,45	15,82	-178,359
90	90	96	SSOVR	-15,81	-2,04	15,94	-172,636
91	91	108	PP	0	0	0	0
91	91	109	PP	0	0	0	0
91	91	98	PP	0	0	0	0
91	91	97	PP	0	0	0	0
91	91	108	STER	-74,12	-14,48	75,52	-168,949
91	91	109	STER	-74,12	-9,19	74,69	-172,931
91	91	98	STER	-68,4	-9,19	69,01	-172,346
91	91	97	STER	-68,4	-14,48	69,91	-168,049
91	91	108	SSOVR	-27,28	0,36	27,28	179,236
91	91	109	SSOVR	-27,28	2,08	27,36	175,647
91	91	98	SSOVR	-25,2	2,08	25,29	175,29
91	91	97	SSOVR	-25,2	0,36	25,2	179,173
92	92	109	PP	0	0	0	0
92	92	110	PP	0	0	0	0
92	92	99	PP	0	0	0	0
92	92	98	PP	0	0	0	0
92	92	109	STER	-101,46	-6,82	101,69	-176,157
92	92	110	STER	-101,46	-0,64	101,46	-179,637
92	92	99	STER	-93,36	-0,64	93,36	-179,605
92	92	98	STER	-93,36	-6,82	93,61	-175,824
92	92	109	SSOVR	-37,7	2,87	37,81	175,651
92	92	110	SSOVR	-37,7	4,54	37,98	173,137
92	92	99	SSOVR	-35,26	4,54	35,55	172,666
92	92	98	SSOVR	-35,26	2,87	35,38	175,351
93	93	110	PP	0	0	0	0
93	93	111	PP	0	0	0	0
93	93	100	PP	0	0	0	0
93	93	99	PP	0	0	0	0
93	93	110	STER	-138,99	3,74	139,04	178,459
93	93	111	STER	-138,99	12,23	139,53	174,97
93	93	100	STER	-126,56	12,23	127,15	174,478
93	93	99	STER	-126,56	3,74	126,62	178,308
93	93	110	SSOVR	-52,27	5,76	52,58	173,714
93	93	111	SSOVR	-52,27	7,58	52,81	171,752
93	93	100	SSOVR	-49,04	7,58	49,62	171,218
93	93	99	SSOVR	-49,04	5,76	49,38	173,305
94	94	111	PP	0	0	0	0
94	94	112	PP	0	0	0	0
94	94	101	PP	0	0	0	0
94	94	100	PP	0	0	0	0
94	94	111	STER	-189,88	19,85	190,92	174,031
94	94	112	STER	-189,88	28,27	191,98	171,532
94	94	101	STER	-171,16	28,27	173,48	170,622
94	94	100	STER	-171,16	19,85	172,31	173,384
94	94	111	SSOVR	-72,45	9,4	73,06	172,605
94	94	112	SSOVR	-72,45	10,72	73,24	171,584
94	94	101	SSOVR	-68,37	10,72	69,21	171,089
94	94	100	SSOVR	-68,37	9,4	69,02	172,169
95	95	112	PP	0	0	0	0
95	95	113	PP	0	0	0	0
95	95	102	PP	0	0	0	0
95	95	101	PP	0	0	0	0
95	95	112	STER	-254,42	40,39	257,61	170,979
95	95	113	STER	-254,42	49,53	259,2	168,983
95	95	102	STER	-228	49,53	233,32	167,743
95	95	101	STER	-228	40,39	231,55	169,954
95	95	112	SSOVR	-98,72	13,04	99,58	172,477
95	95	113	SSOVR	-98,72	14,34	99,76	171,734
95	95	102	SSOVR	-94,27	14,34	95,35	171,35
95	95	101	SSOVR	-94,27	13,04	95,17	172,126
96	96	114	PP	0	0	0	0
96	96	104	PP	0	0	0	0
96	96	103	PP	0	0	0	0
96	96	114	STER	5,05	-15,99	16,77	-72,486
96	96	104	STER	5,05	-15,99	16,77	-72,486



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
96	96	103	STER	5,05	-15,99	16,77	-72,486
96	96	114	SSOVR	1,44	-4,14	4,38	-70,758
96	96	104	SSOVR	1,44	-4,14	4,38	-70,758
96	96	103	SSOVR	1,44	-4,14	4,38	-70,758
97	97	114	PP	0	0	0	0
97	97	115	PP	0	0	0	0
97	97	105	PP	0	0	0	0
97	97	104	PP	0	0	0	0
97	97	114	STER	2,96	-4,01	4,99	-53,524
97	97	115	STER	2,96	-15,72	16	-79,322
97	97	105	STER	5,23	-15,72	16,57	-71,604
97	97	104	STER	5,23	-4,01	6,59	-37,482
97	97	114	SSOVR	-1,63	-1,25	2,05	-142,555
97	97	115	SSOVR	-1,63	-1,7	2,35	-133,798
97	97	105	SSOVR	1,07	-1,7	2,01	-57,848
97	97	104	SSOVR	1,07	-1,25	1,64	-49,438
98	98	115	PP	0	0	0	0
98	98	116	PP	0	0	0	0
98	98	106	PP	0	0	0	0
98	98	105	PP	0	0	0	0
98	98	115	STER	-16,55	-17,46	24,06	-133,461
98	98	116	STER	-16,55	-15,81	22,89	-136,313
98	98	106	STER	-9,54	-15,81	18,47	-121,118
98	98	105	STER	-9,54	-17,46	19,9	-118,654
98	98	115	SSOVR	-7,04	-1,47	7,19	-168,208
98	98	116	SSOVR	-7,04	-1,24	7,15	-170,026
98	98	106	SSOVR	-3,6	-1,24	3,81	-161,025
98	98	105	SSOVR	-3,6	-1,47	3,89	-157,794
99	99	116	PP	0	0	0	0
99	99	117	PP	0	0	0	0
99	99	107	PP	0	0	0	0
99	99	106	PP	0	0	0	0
99	99	116	STER	-28,51	-12,93	31,3	-155,596
99	99	117	STER	-28,51	-14,78	32,11	-152,594
99	99	107	STER	-28,03	-14,78	31,68	-152,195
99	99	106	STER	-28,03	-12,93	30,87	-155,228
99	99	116	SSOVR	-11,36	0,17	11,37	179,149
99	99	117	SSOVR	-11,36	0,33	11,37	178,333
99	99	107	SSOVR	-10,19	0,33	10,2	178,142
99	99	106	SSOVR	-10,19	0,17	10,2	179,051
100	100	117	PP	0	0	0	0
100	100	118	PP	0	0	0	0
100	100	108	PP	0	0	0	0
100	100	107	PP	0	0	0	0
100	100	117	STER	-53,57	-13,93	55,35	-165,421
100	100	118	STER	-53,57	-11,16	54,72	-168,229
100	100	108	STER	-50,13	-11,16	51,36	-167,446
100	100	107	STER	-50,13	-13,93	52,03	-164,467
100	100	117	SSOVR	-19,9	0,97	19,93	177,202
100	100	118	SSOVR	-19,9	1,88	19,99	174,617
100	100	108	SSOVR	-18,25	1,88	18,34	174,132
100	100	107	SSOVR	-18,25	0,97	18,27	176,948
101	101	118	PP	0	0	0	0
101	101	119	PP	0	0	0	0
101	101	109	PP	0	0	0	0
101	101	108	PP	0	0	0	0
101	101	118	STER	-78,73	-10,03	79,37	-172,737
101	101	119	STER	-78,73	-6,59	79,01	-175,215
101	101	109	STER	-75,56	-6,59	75,85	-175,015
101	101	108	STER	-75,56	-10,03	76,23	-172,436
101	101	118	SSOVR	-28,82	2,4	28,92	175,244
101	101	119	SSOVR	-28,82	3,31	29,01	173,445
101	101	109	SSOVR	-27,68	3,31	27,88	173,179
101	101	108	SSOVR	-27,68	2,4	27,79	175,05
102	102	119	PP	0	0	0	0
102	102	120	PP	0	0	0	0
102	102	110	PP	0	0	0	0
102	102	109	PP	0	0	0	0

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Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
102	102	119	STER	-108,38	-5,17	108,51	-177,269
102	102	120	STER	-108,38	-0,39	108,38	-179,794
102	102	110	STER	-103,16	-0,39	103,16	-179,783
102	102	109	STER	-103,16	-5,17	103,29	-177,131
102	102	119	SSOVR	-39,37	3,74	39,55	174,575
102	102	120	SSOVR	-39,37	4,73	39,65	173,148
102	102	110	SSOVR	-38,1	4,73	38,39	172,922
102	102	109	SSOVR	-38,1	3,74	38,28	174,395
103	103	120	PP	0	0	0	0
103	103	121	PP	0	0	0	0
103	103	111	PP	0	0	0	0
103	103	110	PP	0	0	0	0
103	103	120	STER	-149,24	2,48	149,26	179,048
103	103	121	STER	-149,24	9,54	149,54	176,341
103	103	111	STER	-140,63	9,54	140,95	176,117
103	103	110	STER	-140,63	2,48	140,65	178,989
103	103	120	SSOVR	-54,11	5,32	54,38	174,383
103	103	121	SSOVR	-54,11	6,41	54,49	173,241
103	103	111	SSOVR	-52,54	6,41	52,93	173,04
103	103	110	SSOVR	-52,54	5,32	52,81	174,215
104	104	121	PP	0	0	0	0
104	104	122	PP	0	0	0	0
104	104	112	PP	0	0	0	0
104	104	111	PP	0	0	0	0
104	104	121	STER	-205,27	15,01	205,82	175,817
104	104	122	STER	-205,27	22,71	206,52	173,686
104	104	112	STER	-191,11	22,71	192,45	173,222
104	104	111	STER	-191,11	15,01	191,7	175,508
104	104	121	SSOVR	-74,56	7,29	74,92	174,415
104	104	122	SSOVR	-74,56	8,18	75,01	173,737
104	104	112	SSOVR	-72,56	8,18	73,02	173,566
104	104	111	SSOVR	-72,56	7,29	72,93	174,262
105	105	122	PP	0	0	0	0
105	105	123	PP	0	0	0	0
105	105	113	PP	0	0	0	0
105	105	112	PP	0	0	0	0
105	105	122	STER	-277,05	32,39	278,93	173,332
105	105	123	STER	-277,05	40,44	279,98	171,696
105	105	113	STER	-254,93	40,44	258,12	170,987
105	105	112	STER	-254,93	32,39	256,98	172,759
105	105	122	SSOVR	-101,09	9,35	101,52	174,714
105	105	123	SSOVR	-101,09	10,07	101,59	174,309
105	105	113	SSOVR	-98,74	10,07	99,25	174,175
105	105	112	SSOVR	-98,74	9,35	99,18	174,589
106	106	124	PP	0	0	0	0
106	106	115	PP	0	0	0	0
106	106	114	PP	0	0	0	0
106	106	124	STER	-4,53	-6,65	8,05	-124,29
106	106	115	STER	-4,53	-6,65	8,05	-124,29
106	106	114	STER	-4,53	-6,65	8,05	-124,29
106	106	124	SSOVR	-3,14	0,49	3,18	171,173
106	106	115	SSOVR	-3,14	0,49	3,18	171,173
106	106	114	SSOVR	-3,14	0,49	3,18	171,173
107	107	124	PP	0	0	0	0
107	107	125	PP	0	0	0	0
107	107	116	PP	0	0	0	0
107	107	115	PP	0	0	0	0
107	107	124	STER	-4,98	9,33	10,58	118,073
107	107	125	STER	-4,98	-1,82	5,3	-159,901
107	107	116	STER	-12,55	-1,82	12,68	-171,738
107	107	115	STER	-12,55	9,33	15,64	143,35
107	107	124	SSOVR	-5,45	4,56	7,11	140,118
107	107	125	SSOVR	-5,45	4,66	7,17	139,493
107	107	116	SSOVR	-6,66	4,66	8,13	145,052
107	107	115	SSOVR	-6,66	4,56	8,07	145,645
108	108	125	PP	0	0	0	0
108	108	126	PP	0	0	0	0
108	108	117	PP	0	0	0	0



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
108	108	116	PP	0	0	0	0
108	108	125	STER	-36,54	-6,34	37,09	-170,156
108	108	126	STER	-36,54	-4,9	36,87	-172,37
108	108	117	STER	-28,42	-4,9	28,84	-170,226
108	108	116	STER	-28,42	-6,34	29,12	-167,422
108	108	125	SSOVR	-14,78	3,67	15,23	166,064
108	108	126	SSOVR	-14,78	3,5	15,19	166,685
108	108	117	SSOVR	-11,26	3,5	11,79	162,742
108	108	116	SSOVR	-11,26	3,67	11,84	161,958
109	109	126	PP	0	0	0	0
109	109	127	PP	0	0	0	0
109	109	118	PP	0	0	0	0
109	109	117	PP	0	0	0	0
109	109	126	STER	-50,46	-3,04	50,56	-176,555
109	109	127	STER	-50,46	-4,24	50,64	-175,196
109	109	118	STER	-53,76	-4,24	53,92	-175,489
109	109	117	STER	-53,76	-3,04	53,84	-176,765
109	109	126	SSOVR	-19,41	4,32	19,89	167,445
109	109	127	SSOVR	-19,41	4,38	19,9	167,285
109	109	118	SSOVR	-19,99	4,38	20,46	167,642
109	109	117	SSOVR	-19,99	4,32	20,45	167,797
110	110	127	PP	0	0	0	0
110	110	128	PP	0	0	0	0
110	110	119	PP	0	0	0	0
110	110	118	PP	0	0	0	0
110	110	127	STER	-81,02	-4,67	81,15	-176,698
110	110	128	STER	-81,02	-2,49	81,06	-178,243
110	110	119	STER	-79,76	-2,49	79,8	-178,215
110	110	118	STER	-79,76	-4,67	79,89	-176,646
110	110	127	SSOVR	-29,3	4,34	29,62	171,569
110	110	128	SSOVR	-29,3	4,63	29,67	171,013
110	110	119	SSOVR	-29,02	4,63	29,39	170,927
110	110	118	SSOVR	-29,02	4,34	29,34	171,488
111	111	128	PP	0	0	0	0
111	111	129	PP	0	0	0	0
111	111	120	PP	0	0	0	0
111	111	119	PP	0	0	0	0
111	111	128	STER	-110,96	-2,34	110,98	-178,791
111	111	129	STER	-110,96	0,62	110,96	179,681
111	111	120	STER	-109,79	0,62	109,79	179,678
111	111	119	STER	-109,79	-2,34	109,82	-178,778
111	111	128	SSOVR	-39,28	4,58	39,54	173,354
111	111	129	SSOVR	-39,28	4,88	39,58	172,923
111	111	120	SSOVR	-39,59	4,88	39,89	172,978
111	111	119	SSOVR	-39,59	4,58	39,86	173,406
112	112	129	PP	0	0	0	0
112	112	130	PP	0	0	0	0
112	112	121	PP	0	0	0	0
112	112	120	PP	0	0	0	0
112	112	129	STER	-155,3	1,53	155,31	179,436
112	112	130	STER	-155,3	6,87	155,45	177,467
112	112	121	STER	-150,81	6,87	150,97	177,392
112	112	120	STER	-150,81	1,53	150,82	179,419
112	112	129	SSOVR	-54,01	4,73	54,22	174,991
112	112	130	SSOVR	-54,01	5,12	54,25	174,59
112	112	121	SSOVR	-54,3	5,12	54,54	174,619
112	112	120	SSOVR	-54,3	4,73	54,51	175,018
113	113	130	PP	0	0	0	0
113	113	131	PP	0	0	0	0
113	113	122	PP	0	0	0	0
113	113	121	PP	0	0	0	0
113	113	130	STER	-216,72	9,7	216,94	177,438
113	113	131	STER	-216,72	16,01	217,31	175,774
113	113	122	STER	-206,59	16,01	207,21	175,568
113	113	121	STER	-206,59	9,7	206,82	177,313
113	113	130	SSOVR	-74,49	4,97	74,65	176,179
113	113	131	SSOVR	-74,49	5,29	74,67	175,941
113	113	122	SSOVR	-74,66	5,29	74,85	175,951

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
113	113	121	SSOVR	-74,66	4,97	74,82	176,188
114	114	131	PP	0	0	0	0
114	114	132	PP	0	0	0	0
114	114	123	PP	0	0	0	0
114	114	122	PP	0	0	0	0
114	114	131	STER	-296,98	22,65	297,84	175,638
114	114	132	STER	-296,98	29,25	298,42	174,375
114	114	123	STER	-277,74	29,25	279,28	173,988
114	114	122	STER	-277,74	22,65	278,66	175,337
114	114	131	SSOVR	-101,25	5,25	101,39	177,032
114	114	132	SSOVR	-101,25	5,37	101,39	176,961
114	114	123	SSOVR	-101,15	5,37	101,29	176,958
114	114	122	SSOVR	-101,15	5,25	101,29	177,029
115	115	133	PP	0	0	0	0
115	115	125	PP	0	0	0	0
115	115	124	PP	0	0	0	0
115	115	133	STER	-17,87	2,42	18,04	172,282
115	115	125	STER	-17,87	2,42	18,04	172,282
115	115	124	STER	-17,87	2,42	18,04	172,282
115	115	133	SSOVR	-8,29	4,56	9,46	151,171
115	115	125	SSOVR	-8,29	4,56	9,46	151,171
115	115	124	SSOVR	-8,29	4,56	9,46	151,171
116	116	133	PP	0	0	0	0
116	116	134	PP	0	0	0	0
116	116	126	PP	0	0	0	0
116	116	125	PP	0	0	0	0
116	116	133	STER	-13,63	20,96	25	123,044
116	116	134	STER	-13,63	12,7	18,63	137,04
116	116	126	STER	-32,82	12,7	35,19	158,853
116	116	125	STER	-32,82	20,96	38,94	147,439
116	116	133	SSOVR	-8,72	9,12	12,62	133,715
116	116	134	SSOVR	-8,72	9,97	13,24	131,181
116	116	126	SSOVR	-14,6	9,97	17,67	145,669
116	116	125	SSOVR	-14,6	9,12	17,21	147,999
117	117	134	PP	0	0	0	0
117	117	135	PP	0	0	0	0
117	117	127	PP	0	0	0	0
117	117	126	PP	0	0	0	0
117	117	134	STER	-57,58	4,64	57,77	175,39
117	117	135	STER	-57,58	4,64	57,77	175,391
117	117	127	STER	-50,62	4,64	50,83	174,761
117	117	126	STER	-50,62	4,64	50,84	174,76
117	117	134	SSOVR	-21,67	7,64	22,98	160,573
117	117	135	SSOVR	-21,67	6,52	22,63	163,257
117	117	127	SSOVR	-19,27	6,52	20,34	161,305
117	117	126	SSOVR	-19,27	7,64	20,73	158,361
118	118	135	PP	0	0	0	0
118	118	136	PP	0	0	0	0
118	118	128	PP	0	0	0	0
118	118	127	PP	0	0	0	0
118	118	135	STER	-72,59	5,01	72,76	176,052
118	118	136	STER	-72,59	3,77	72,69	177,024
118	118	128	STER	-81,41	3,77	81,5	177,346
118	118	127	STER	-81,41	5,01	81,57	176,479
118	118	135	SSOVR	-26,39	6,6	27,2	165,956
118	118	136	SSOVR	-26,39	6,32	27,14	166,523
118	118	128	SSOVR	-29,34	6,32	30,02	167,837
118	118	127	SSOVR	-29,34	6,6	30,08	167,321
119	119	136	PP	0	0	0	0
119	119	137	PP	0	0	0	0
119	119	129	PP	0	0	0	0
119	119	128	PP	0	0	0	0
119	119	136	STER	-108,8	1,69	108,81	179,111
119	119	137	STER	-108,8	2,9	108,84	178,471
119	119	129	STER	-112,07	2,9	112,11	178,515
119	119	128	STER	-112,07	1,69	112,08	179,137
119	119	136	SSOVR	-37,41	5,52	37,81	171,605
119	119	137	SSOVR	-37,41	5,14	37,76	172,181



Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
119	119	129	SSOVR	-39,37	5,14	39,71	172,567
119	119	128	SSOVR	-39,37	5,52	39,76	172,018
120	120	137	PP	0	0	0	0
120	120	138	PP	0	0	0	0
120	120	130	PP	0	0	0	0
120	120	129	PP	0	0	0	0
120	120	137	STER	-154,07	1,45	154,07	179,462
120	120	138	STER	-154,07	4,37	154,13	178,375
120	120	130	STER	-156,78	4,37	156,84	178,403
120	120	129	STER	-156,78	1,45	156,78	179,472
120	120	137	SSOVR	-51,42	4,17	51,59	175,366
120	120	138	SSOVR	-51,42	3,76	51,56	175,822
120	120	130	SSOVR	-54,13	3,76	54,26	176,03
120	120	129	SSOVR	-54,13	4,17	54,29	175,596
121	121	138	PP	0	0	0	0
121	121	139	PP	0	0	0	0
121	121	131	PP	0	0	0	0
121	121	130	PP	0	0	0	0
121	121	138	STER	-220,18	3,94	220,21	178,976
121	121	139	STER	-220,18	8,21	220,33	177,865
121	121	131	STER	-218,17	8,21	218,32	177,845
121	121	130	STER	-218,17	3,94	218,2	178,966
121	121	138	SSOVR	-71,66	2,51	71,71	177,994
121	121	139	SSOVR	-71,66	2,11	71,69	178,316
121	121	131	SSOVR	-74,59	2,11	74,62	178,382
121	121	130	SSOVR	-74,59	2,51	74,64	178,073
122	122	139	PP	0	0	0	0
122	122	140	PP	0	0	0	0
122	122	132	PP	0	0	0	0
122	122	131	PP	0	0	0	0
122	122	139	STER	-308,34	10,96	308,53	177,964
122	122	140	STER	-308,34	15,58	308,73	177,108
122	122	132	STER	-297,68	15,58	298,09	177,005
122	122	131	STER	-297,68	10,96	297,89	177,891
122	122	139	SSOVR	-98,46	0,75	98,46	179,564
122	122	140	SSOVR	-98,46	0,2	98,46	179,883
122	122	132	SSOVR	-101,3	0,2	101,3	179,886
122	122	131	SSOVR	-101,3	0,75	101,3	179,576
123	123	141	PP	0	0	0	0
123	123	134	PP	0	0	0	0
123	123	133	PP	0	0	0	0
123	123	141	STER	-29,5	10,79	31,41	159,9
123	123	134	STER	-29,5	10,79	31,41	159,9
123	123	133	STER	-29,5	10,79	31,41	159,9
123	123	141	SSOVR	-12,14	7,49	14,27	148,335
123	123	134	SSOVR	-12,14	7,49	14,27	148,335
123	123	133	SSOVR	-12,14	7,49	14,27	148,335
124	124	141	PP	0	0	0	0
124	124	142	PP	0	0	0	0
124	124	135	PP	0	0	0	0
124	124	134	PP	0	0	0	0
124	124	141	STER	-21,34	29,39	36,32	125,992
124	124	142	STER	-21,34	23,94	32,08	131,713
124	124	135	STER	-54,6	23,94	59,62	156,32
124	124	134	STER	-54,6	29,39	62,01	151,71
124	124	141	SSOVR	-11,01	11,5	15,92	133,759
124	124	142	SSOVR	-11,01	12,95	17	130,364
124	124	135	SSOVR	-21,69	12,95	25,27	149,163
124	124	134	SSOVR	-21,69	11,5	24,55	152,082
125	125	142	PP	0	0	0	0
125	125	143	PP	0	0	0	0
125	125	136	PP	0	0	0	0
125	125	135	PP	0	0	0	0
125	125	142	STER	-75,68	13,13	76,81	170,16
125	125	143	STER	-75,68	10,5	76,41	172,104
125	125	136	STER	-72,74	10,5	73,49	171,788
125	125	135	STER	-72,74	13,13	73,91	169,77
125	125	142	SSOVR	-26,32	9,68	28,04	159,8

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
125	125	143	SSOVR	-26,32	7,34	27,32	164,414
125	125	136	SSOVR	-26,09	7,34	27,11	164,286
125	125	135	SSOVR	-26,09	9,68	27,83	159,64
126	126	143	PP	0	0	0	0
126	126	144	PP	0	0	0	0
126	126	137	PP	0	0	0	0
126	126	136	PP	0	0	0	0
126	126	143	STER	-94,83	9,03	95,26	174,561
126	126	144	STER	-94,83	7,28	95,11	175,613
126	126	137	STER	-109,19	7,28	109,43	176,188
126	126	136	STER	-109,19	9,03	109,56	175,273
126	126	143	SSOVR	-32,07	6,59	32,74	168,387
126	126	144	SSOVR	-32,07	5,84	32,6	169,689
126	126	137	SSOVR	-37,34	5,84	37,8	171,119
126	126	136	SSOVR	-37,34	6,59	37,92	169,99
127	127	144	PP	0	0	0	0
127	127	145	PP	0	0	0	0
127	127	138	PP	0	0	0	0
127	127	137	PP	0	0	0	0
127	127	144	STER	-145,18	2,61	145,2	178,97
127	127	145	STER	-145,18	2,81	145,21	178,892
127	127	138	STER	-155,2	2,81	155,23	178,963
127	127	137	STER	-155,2	2,61	155,23	179,036
127	127	144	SSOVR	-46,4	3,9	46,57	175,197
127	127	145	SSOVR	-46,4	2,61	46,48	176,784
127	127	138	SSOVR	-51,44	2,61	51,51	177,098
127	127	137	SSOVR	-51,44	3,9	51,59	175,666
128	128	145	PP	0	0	0	0
128	128	146	PP	0	0	0	0
128	128	139	PP	0	0	0	0
128	128	138	PP	0	0	0	0
128	128	145	STER	-214,01	-1,52	214,02	-179,592
128	128	146	STER	-214,01	0,09252	214,01	179,975
128	128	139	STER	-221,46	0,09252	221,46	179,976
128	128	138	STER	-221,46	-1,52	221,46	-179,606
128	128	145	SSOVR	-66	0,18	66	179,845
128	128	146	SSOVR	-66	-1,01	66,01	-179,127
128	128	139	SSOVR	-71,71	-1,01	71,72	-179,196
128	128	138	SSOVR	-71,71	0,18	71,72	179,857
129	129	146	PP	0	0	0	0
129	129	147	PP	0	0	0	0
129	129	140	PP	0	0	0	0
129	129	139	PP	0	0	0	0
129	129	146	STER	-309,21	-1,8	309,22	-179,666
129	129	147	STER	-309,21	0,19	309,21	179,964
129	129	140	STER	-309,05	0,19	309,05	179,964
129	129	139	STER	-309,05	-1,8	309,05	-179,666
129	129	146	SSOVR	-92,57	-3,74	92,64	-177,684
129	129	147	SSOVR	-92,57	-5,09	92,71	-176,854
129	129	140	SSOVR	-98,51	-5,09	98,64	-177,044
129	129	139	SSOVR	-98,51	-3,74	98,58	-177,824
130	130	148	PP	0	0	0	0
130	130	142	PP	0	0	0	0
130	130	141	PP	0	0	0	0
130	130	148	STER	-38,66	20,11	43,57	152,52
130	130	142	STER	-38,66	20,11	43,57	152,52
130	130	141	STER	-38,66	20,11	43,57	152,52
130	130	148	SSOVR	-14,35	9,65	17,3	146,08
130	130	142	SSOVR	-14,35	9,65	17,3	146,08
130	130	141	SSOVR	-14,35	9,65	17,3	146,08
131	131	148	PP	0	0	0	0
131	131	149	PP	0	0	0	0
131	131	143	PP	0	0	0	0
131	131	142	PP	0	0	0	0
131	131	148	STER	-31,72	32,09	45,12	134,668
131	131	149	STER	-31,72	30,73	44,17	135,911
131	131	143	STER	-73,11	30,73	79,31	157,203
131	131	142	STER	-73,11	32,09	79,85	156,302

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
131	131	148	SSOVR	-13,4	11,1	17,4	140,36
131	131	149	SSOVR	-13,4	13,27	18,86	135,289
131	131	143	SSOVR	-26,53	13,27	29,67	153,438
131	131	142	SSOVR	-26,53	11,1	28,76	157,297
132	132	149	PP	0	0	0	0
132	132	150	PP	0	0	0	0
132	132	144	PP	0	0	0	0
132	132	143	PP	0	0	0	0
132	132	149	STER	-86,61	18,35	88,53	168,036
132	132	150	STER	-86,61	12,47	87,51	171,805
132	132	144	STER	-94,72	12,47	95,54	172,499
132	132	143	STER	-94,72	18,35	96,49	169,035
132	132	149	SSOVR	-27,83	9,52	29,41	161,11
132	132	150	SSOVR	-27,83	6,31	28,53	167,234
132	132	144	SSOVR	-31,69	6,31	32,31	168,746
132	132	143	SSOVR	-31,69	9,52	33,09	163,273
133	133	150	PP	0	0	0	0
133	133	151	PP	0	0	0	0
133	133	145	PP	0	0	0	0
133	133	144	PP	0	0	0	0
133	133	150	STER	-123,21	6,29	123,37	177,079
133	133	151	STER	-123,21	2,79	123,24	178,703
133	133	145	STER	-145,72	2,79	145,75	178,903
133	133	144	STER	-145,72	6,29	145,86	177,53
133	133	150	SSOVR	-37,99	3,77	38,18	174,329
133	133	151	SSOVR	-37,99	1,9	38,04	177,138
133	133	145	SSOVR	-46,3	1,9	46,34	177,651
133	133	144	SSOVR	-46,3	3,77	46,45	175,341
134	134	151	PP	0	0	0	0
134	134	152	PP	0	0	0	0
134	134	146	PP	0	0	0	0
134	134	145	PP	0	0	0	0
134	134	151	STER	-196,14	-5,79	196,23	-178,309
134	134	152	STER	-196,14	-7,92	196,3	-177,688
134	134	146	STER	-215,01	-7,92	215,15	-177,891
134	134	145	STER	-215,01	-5,79	215,08	-178,458
134	134	151	SSOVR	-57,12	-1,64	57,14	-178,36
134	134	152	SSOVR	-57,12	-3,97	57,26	-176,019
134	134	146	SSOVR	-65,96	-3,97	66,08	-176,551
134	134	145	SSOVR	-65,96	-1,64	65,98	-178,579
135	135	152	PP	0	0	0	0
135	135	153	PP	0	0	0	0
135	135	147	PP	0	0	0	0
135	135	146	PP	0	0	0	0
135	135	152	STER	-297,19	-15,38	297,59	-177,038
135	135	153	STER	-297,19	-16,83	297,67	-176,759
135	135	147	STER	-309,84	-16,83	310,3	-176,891
135	135	146	STER	-309,84	-15,38	310,22	-177,158
135	135	152	SSOVR	-83,25	-8,17	83,65	-174,396
135	135	153	SSOVR	-83,25	-10,45	83,9	-172,842
135	135	147	SSOVR	-92,58	-10,45	93,17	-173,557
135	135	146	SSOVR	-92,58	-8,17	92,94	-174,958
136	136	154	PP	0	0	0	0
136	136	149	PP	0	0	0	0
136	136	148	PP	0	0	0	0
136	136	154	STER	-46,12	22,2	51,19	154,3
136	136	149	STER	-46,12	22,2	51,19	154,3
136	136	148	STER	-46,12	22,2	51,19	154,3
136	136	154	SSOVR	-14,96	9,39	17,66	147,878
136	136	149	SSOVR	-14,96	9,39	17,66	147,878
136	136	148	SSOVR	-14,96	9,39	17,66	147,878
137	137	154	PP	0	0	0	0
137	137	155	PP	0	0	0	0
137	137	150	PP	0	0	0	0
137	137	149	PP	0	0	0	0
137	137	154	STER	-38,08	30,46	48,76	141,339
137	137	155	STER	-38,08	31,01	49,1	140,843
137	137	150	STER	-85,91	31,01	91,33	160,154

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
137	137	149	STER	-85,91	30,46	91,15	160,476
137	137	154	SSOVR	-13,39	9,07	16,17	145,875
137	137	155	SSOVR	-13,39	10,87	17,24	140,939
137	137	150	SSOVR	-28,41	10,87	30,41	159,067
137	137	149	SSOVR	-28,41	9,07	29,82	162,285
138	138	155	PP	0	0	0	0
138	138	156	PP	0	0	0	0
138	138	151	PP	0	0	0	0
138	138	150	PP	0	0	0	0
138	138	155	STER	-106,33	14	107,24	172,501
138	138	156	STER	-106,33	3,94	106,4	177,876
138	138	151	STER	-123,01	3,94	123,08	178,164
138	138	150	STER	-123,01	14	123,81	173,509
138	138	155	SSOVR	-30,61	6,09	31,21	168,748
138	138	156	SSOVR	-30,61	1,26	30,64	177,636
138	138	151	SSOVR	-37,55	1,26	37,57	178,073
138	138	150	SSOVR	-37,55	6,09	38,04	170,788
139	139	156	PP	0	0	0	0
139	139	157	PP	0	0	0	0
139	139	152	PP	0	0	0	0
139	139	151	PP	0	0	0	0
139	139	156	STER	-171,12	-9,73	171,4	-176,746
139	139	157	STER	-171,12	-14,13	171,7	-175,281
139	139	152	STER	-196,82	-14,13	197,33	-175,895
139	139	151	STER	-196,82	-9,73	197,06	-177,17
139	139	156	SSOVR	-47,8	-3,81	47,95	-175,44
139	139	157	SSOVR	-47,8	-6,17	48,19	-172,65
139	139	152	SSOVR	-57,05	-6,17	57,38	-173,831
139	139	151	SSOVR	-57,05	-3,81	57,17	-176,176
140	140	157	PP	0	0	0	0
140	140	158	PP	0	0	0	0
140	140	153	PP	0	0	0	0
140	140	152	PP	0	0	0	0
140	140	157	STER	-274,75	-27,28	276,1	-174,331
140	140	158	STER	-274,75	-33,69	276,81	-173,01
140	140	153	STER	-297,41	-33,69	299,31	-173,538
140	140	152	STER	-297,41	-27,28	298,66	-174,76
140	140	157	SSOVR	-72,31	-11,66	73,25	-170,842
140	140	158	SSOVR	-72,31	-15,36	73,93	-168,006
140	140	153	SSOVR	-83,13	-15,36	84,53	-169,529
140	140	152	SSOVR	-83,13	-11,66	83,94	-172,016
141	141	159	PP	0	0	0	0
141	141	155	PP	0	0	0	0
141	141	154	PP	0	0	0	0
141	141	159	STER	-46,83	17,42	49,96	159,599
141	141	155	STER	-46,83	17,42	49,96	159,599
141	141	154	STER	-46,83	17,42	49,96	159,599
141	141	159	SSOVR	-13,48	7,26	15,31	151,714
141	141	155	SSOVR	-13,48	7,26	15,31	151,714
141	141	154	SSOVR	-13,48	7,26	15,31	151,714
142	142	159	PP	0	0	0	0
142	142	160	PP	0	0	0	0
142	142	156	PP	0	0	0	0
142	142	155	PP	0	0	0	0
142	142	159	STER	-47,25	11,37	48,6	166,467
142	142	160	STER	-47,25	17,3	50,31	159,891
142	142	156	STER	-108,16	17,3	109,53	170,913
142	142	155	STER	-108,16	11,37	108,75	173,998
142	142	159	SSOVR	-14,89	0,85	14,91	176,745
142	142	160	SSOVR	-14,89	4	15,42	164,972
142	142	156	SSOVR	-31,56	4	31,81	172,782
142	142	155	SSOVR	-31,56	0,85	31,57	178,463
143	143	160	PP	0	0	0	0
143	143	161	PP	0	0	0	0
143	143	157	PP	0	0	0	0
143	143	156	PP	0	0	0	0
143	143	160	STER	-130,91	0,37	130,91	179,838
143	143	161	STER	-130,91	-21,25	132,62	-170,782

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
143	143	157	STER	-170,02	-21,25	171,34	-172,877
143	143	156	STER	-170,02	0,37	170,02	179,875
143	143	160	SSOVR	-32,29	-0,08779	32,29	-179,844
143	143	161	SSOVR	-32,29	-8,76	33,45	-164,821
143	143	157	SSOVR	-47,06	-8,76	47,87	-169,457
143	143	156	SSOVR	-47,06	-0,08779	47,06	-179,893
144	144	161	PP	0	0	0	0
144	144	162	PP	0	0	0	0
144	144	158	PP	0	0	0	0
144	144	157	PP	0	0	0	0
144	144	161	STER	-242,41	-40,43	245,76	-170,531
144	144	162	STER	-242,41	-49,38	247,39	-168,486
144	144	158	STER	-274,69	-49,38	279,09	-169,809
144	144	157	STER	-274,69	-40,43	277,65	-171,627
144	144	161	SSOVR	-60,12	-15,77	62,16	-165,306
144	144	162	SSOVR	-60,12	-19,56	63,22	-161,98
144	144	158	SSOVR	-72,14	-19,56	74,75	-164,832
144	144	157	SSOVR	-72,14	-15,77	73,85	-167,673
145	145	163	PP	0	0	0	0
145	145	160	PP	0	0	0	0
145	145	159	PP	0	0	0	0
145	145	163	STER	-45,25	9,67	46,27	167,942
145	145	160	STER	-45,25	9,67	46,27	167,942
145	145	159	STER	-45,25	9,67	46,27	167,942
145	145	163	SSOVR	-11,31	2,4	11,56	168,027
145	145	160	SSOVR	-11,31	2,4	11,56	168,027
145	145	159	SSOVR	-11,31	2,4	11,56	168,027
146	146	163	PP	0	0	0	0
146	146	164	PP	0	0	0	0
146	146	161	PP	0	0	0	0
146	146	160	PP	0	0	0	0
146	146	163	STER	-84,19	-34,15	90,86	-157,924
146	146	164	STER	-84,19	-17,1	85,91	-168,519
146	146	161	STER	-135,43	-17,1	136,5	-172,803
146	146	160	STER	-135,43	-34,15	139,67	-165,849
146	146	163	SSOVR	-23,43	-14,46	27,53	-148,311
146	146	164	SSOVR	-23,43	-8,73	25	-159,561
146	146	161	SSOVR	-33,98	-8,73	35,09	-165,59
146	146	160	SSOVR	-33,98	-14,46	36,93	-156,944
147	147	164	PP	0	0	0	0
147	147	165	PP	0	0	0	0
147	147	162	PP	0	0	0	0
147	147	161	PP	0	0	0	0
147	147	164	STER	-184,88	-37,63	188,67	-168,497
147	147	165	STER	-184,88	-65,15	196,63	-160,589
147	147	162	STER	-239,98	-65,15	248,67	-164,812
147	147	161	STER	-239,98	-37,63	242,91	-171,089
147	147	164	SSOVR	-40,56	-14,12	42,94	-160,81
147	147	165	SSOVR	-40,56	-23,26	46,75	-150,159
147	147	162	SSOVR	-59,16	-23,26	63,57	-158,531
147	147	161	SSOVR	-59,16	-14,12	60,82	-166,58
148	148	166	PP	0	0	0	0
148	148	164	PP	0	0	0	0
148	148	163	PP	0	0	0	0
148	148	166	STER	-44,35	-78,69	90,33	-119,408
148	148	164	STER	-44,35	-78,69	90,33	-119,408
148	148	163	STER	-44,35	-78,69	90,33	-119,408
148	148	166	SSOVR	-7,99	-26,87	28,03	-106,571
148	148	164	SSOVR	-7,99	-26,87	28,03	-106,571
148	148	163	SSOVR	-7,99	-26,87	28,03	-106,571
149	149	166	PP	0	0	0	0
149	149	167	PP	0	0	0	0
149	149	165	PP	0	0	0	0
149	149	164	PP	0	0	0	0
149	149	166	STER	-130,83	-111,33	171,79	-139,604
149	149	167	STER	-130,83	-83,95	155,45	-147,312
149	149	165	STER	-193,92	-83,95	211,31	-156,591
149	149	164	STER	-193,92	-111,33	223,61	-150,14



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
149	149	166	SSOVR	-28,97	-36,71	46,76	-128,282
149	149	167	SSOVR	-28,97	-27,66	40,06	-136,324
149	149	165	SSOVR	-43,54	-27,66	51,58	-147,569
149	149	164	SSOVR	-43,54	-36,71	56,94	-139,864
150	150	168	PP	0	0	0	0
150	150	167	PP	0	0	0	0
150	150	166	PP	0	0	0	0
150	150	168	STER	-120,76	-158,2	199,02	-127,357
150	150	167	STER	-120,76	-158,2	199,02	-127,357
150	150	166	STER	-120,76	-158,2	199,02	-127,357
150	150	168	SSOVR	-23,31	-49,98	55,15	-115,002
150	150	167	SSOVR	-23,31	-49,98	55,15	-115,002
150	150	166	SSOVR	-23,31	-49,98	55,15	-115,002

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
1	GLOBAL	Cartesian	10,45	0	10,15	No	10,45
2	GLOBAL	Cartesian	9,7375	0	10,15	No	9,7375
3	GLOBAL	Cartesian	9,7375	0	10,6	No	9,7375
4	GLOBAL	Cartesian	10,45	0	10,6	No	10,45
5	GLOBAL	Cartesian	9,025	0	10,15	No	9,025
6	GLOBAL	Cartesian	9,025	0	10,6	No	9,025
7	GLOBAL	Cartesian	8,3125	0	10,15	No	8,3125
8	GLOBAL	Cartesian	8,3125	0	10,6	No	8,3125
9	GLOBAL	Cartesian	7,6	0	10,15	No	7,6
10	GLOBAL	Cartesian	7,6	0	10,6	No	7,6
11	GLOBAL	Cartesian	7	0	10,15	No	7
12	GLOBAL	Cartesian	7	0	10,6	No	7
13	GLOBAL	Cartesian	6,4	0	10,15	No	6,4
14	GLOBAL	Cartesian	6,4	0	10,6	No	6,4
15	GLOBAL	Cartesian	5,7	0	10,15	No	5,7
16	GLOBAL	Cartesian	5,7	0	10,6	No	5,7
17	GLOBAL	Cartesian	5	0	10,15	No	5
18	GLOBAL	Cartesian	5	0	10,6	No	5
19	GLOBAL	Cartesian	4,3	0	10,15	No	4,3
20	GLOBAL	Cartesian	4,3	0	10,6	No	4,3
21	GLOBAL	Cartesian	3,6	0	10,15	No	3,6
22	GLOBAL	Cartesian	3,6	0	10,6	No	3,6
23	GLOBAL	Cartesian	3	0	10,15	No	3
24	GLOBAL	Cartesian	3	0	10,6	No	3
25	GLOBAL	Cartesian	2,4	0	10,15	No	2,4
26	GLOBAL	Cartesian	2,4	0	10,6	No	2,4
27	GLOBAL	Cartesian	1,62857	0	10,15	No	1,62857
28	GLOBAL	Cartesian	1,62857	0	10,6	No	1,62857
29	GLOBAL	Cartesian	0,85714	0	10,15	No	0,85714
30	GLOBAL	Cartesian	0,85714	0	10,6	No	0,85714
31	GLOBAL	Cartesian	0	0	10,15	No	0
32	GLOBAL	Cartesian	0	0	10,6	No	0
33	GLOBAL	Cartesian	10,45	0	9,7	No	10,45
34	GLOBAL	Cartesian	9,7375	0	9,7	No	9,7375
35	GLOBAL	Cartesian	9,025	0	9,7	No	9,025
36	GLOBAL	Cartesian	8,3125	0	9,7	No	8,3125
37	GLOBAL	Cartesian	7,6	0	9,7	No	7,6
38	GLOBAL	Cartesian	7	0	9,7	No	7
39	GLOBAL	Cartesian	6,4	0	9,7	No	6,4
40	GLOBAL	Cartesian	5,7	0	9,7	No	5,7
41	GLOBAL	Cartesian	5	0	9,7	No	5
42	GLOBAL	Cartesian	4,3	0	9,7	No	4,3
43	GLOBAL	Cartesian	3,6	0	9,7	No	3,6
44	GLOBAL	Cartesian	3	0	9,7	No	3
45	GLOBAL	Cartesian	2,4	0	9,7	No	2,4
46	GLOBAL	Cartesian	1,62857	0	9,7	No	1,62857
47	GLOBAL	Cartesian	0,85714	0	9,7	No	0,85714
48	GLOBAL	Cartesian	0	0	9,7	No	0
49	GLOBAL	Cartesian	9,7375	0	8,9875	No	9,7375

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
50	GLOBAL	Cartesian	9,025	0	8,9875	No	9,025
51	GLOBAL	Cartesian	8,3125	0	8,9875	No	8,3125
52	GLOBAL	Cartesian	7,6	0	8,9875	No	7,6
53	GLOBAL	Cartesian	7	0	8,9875	No	7
54	GLOBAL	Cartesian	6,4	0	8,9875	No	6,4
55	GLOBAL	Cartesian	5,7	0	8,9875	No	5,7
56	GLOBAL	Cartesian	5	0	8,9875	No	5
57	GLOBAL	Cartesian	4,3	0	8,9875	No	4,3
58	GLOBAL	Cartesian	3,6	0	8,9875	No	3,6
59	GLOBAL	Cartesian	3	0	8,9875	No	3
60	GLOBAL	Cartesian	2,4	0	8,9875	No	2,4
61	GLOBAL	Cartesian	1,62857	0	8,9875	No	1,62857
62	GLOBAL	Cartesian	0,85714	0	8,9875	No	0,85714
63	GLOBAL	Cartesian	0	0	8,9875	No	0
64	GLOBAL	Cartesian	9,025	0	8,275	No	9,025
65	GLOBAL	Cartesian	8,3125	0	8,275	No	8,3125
66	GLOBAL	Cartesian	7,6	0	8,275	No	7,6
67	GLOBAL	Cartesian	7	0	8,275	No	7
68	GLOBAL	Cartesian	6,4	0	8,275	No	6,4
69	GLOBAL	Cartesian	5,7	0	8,275	No	5,7
70	GLOBAL	Cartesian	5	0	8,275	No	5
71	GLOBAL	Cartesian	4,3	0	8,275	No	4,3
72	GLOBAL	Cartesian	3,6	0	8,275	No	3,6
73	GLOBAL	Cartesian	3	0	8,275	No	3
74	GLOBAL	Cartesian	2,4	0	8,275	No	2,4
75	GLOBAL	Cartesian	1,62857	0	8,275	No	1,62857
76	GLOBAL	Cartesian	0,85714	0	8,275	No	0,85714
77	GLOBAL	Cartesian	0	0	8,275	No	0
78	GLOBAL	Cartesian	8,3125	0	7,5625	No	8,3125
79	GLOBAL	Cartesian	7,6	0	7,5625	No	7,6
80	GLOBAL	Cartesian	7	0	7,5625	No	7
81	GLOBAL	Cartesian	6,4	0	7,5625	No	6,4
82	GLOBAL	Cartesian	5,7	0	7,5625	No	5,7
83	GLOBAL	Cartesian	5	0	7,5625	No	5
84	GLOBAL	Cartesian	4,3	0	7,5625	No	4,3
85	GLOBAL	Cartesian	3,6	0	7,5625	No	3,6
86	GLOBAL	Cartesian	3	0	7,5625	No	3
87	GLOBAL	Cartesian	2,4	0	7,5625	No	2,4
88	GLOBAL	Cartesian	1,62857	0	7,5625	No	1,62857
89	GLOBAL	Cartesian	0,85714	0	7,5625	No	0,85714
90	GLOBAL	Cartesian	0	0	7,5625	No	0
91	GLOBAL	Cartesian	7,6	0	6,85	No	7,6
92	GLOBAL	Cartesian	7	0	6,85	No	7
93	GLOBAL	Cartesian	6,4	0	6,85	No	6,4
94	GLOBAL	Cartesian	5,7	0	6,85	No	5,7
95	GLOBAL	Cartesian	5	0	6,85	No	5
96	GLOBAL	Cartesian	4,3	0	6,85	No	4,3
97	GLOBAL	Cartesian	3,6	0	6,85	No	3,6
98	GLOBAL	Cartesian	3	0	6,85	No	3
99	GLOBAL	Cartesian	2,4	0	6,85	No	2,4
100	GLOBAL	Cartesian	1,62857	0	6,85	No	1,62857
101	GLOBAL	Cartesian	0,85714	0	6,85	No	0,85714
102	GLOBAL	Cartesian	0	0	6,85	No	0
103	GLOBAL	Cartesian	7	0	6,25	No	7
104	GLOBAL	Cartesian	6,4	0	6,25	No	6,4
105	GLOBAL	Cartesian	5,7	0	6,25	No	5,7
106	GLOBAL	Cartesian	5	0	6,25	No	5
107	GLOBAL	Cartesian	4,3	0	6,25	No	4,3
108	GLOBAL	Cartesian	3,6	0	6,25	No	3,6
109	GLOBAL	Cartesian	3	0	6,25	No	3
110	GLOBAL	Cartesian	2,4	0	6,25	No	2,4
111	GLOBAL	Cartesian	1,62857	0	6,25	No	1,62857
112	GLOBAL	Cartesian	0,85714	0	6,25	No	0,85714
113	GLOBAL	Cartesian	0	0	6,25	No	0
114	GLOBAL	Cartesian	6,4	0	5,65	No	6,4
115	GLOBAL	Cartesian	5,7	0	5,65	No	5,7
116	GLOBAL	Cartesian	5	0	5,65	No	5
117	GLOBAL	Cartesian	4,3	0	5,65	No	4,3

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
118	GLOBAL	Cartesian	3,6	0	5,65	No	3,6
119	GLOBAL	Cartesian	3	0	5,65	No	3
120	GLOBAL	Cartesian	2,4	0	5,65	No	2,4
121	GLOBAL	Cartesian	1,62857	0	5,65	No	1,62857
122	GLOBAL	Cartesian	0,85714	0	5,65	No	0,85714
123	GLOBAL	Cartesian	0	0	5,65	No	0
124	GLOBAL	Cartesian	5,7	0	4,95	No	5,7
125	GLOBAL	Cartesian	5	0	4,95	No	5
126	GLOBAL	Cartesian	4,3	0	4,95	No	4,3
127	GLOBAL	Cartesian	3,6	0	4,95	No	3,6
128	GLOBAL	Cartesian	3	0	4,95	No	3
129	GLOBAL	Cartesian	2,4	0	4,95	No	2,4
130	GLOBAL	Cartesian	1,62857	0	4,95	No	1,62857
131	GLOBAL	Cartesian	0,85714	0	4,95	No	0,85714
132	GLOBAL	Cartesian	0	0	4,95	No	0
133	GLOBAL	Cartesian	5	0	4,25	No	5
134	GLOBAL	Cartesian	4,3	0	4,25	No	4,3
135	GLOBAL	Cartesian	3,6	0	4,25	No	3,6
136	GLOBAL	Cartesian	3	0	4,25	No	3
137	GLOBAL	Cartesian	2,4	0	4,25	No	2,4
138	GLOBAL	Cartesian	1,62857	0	4,25	No	1,62857
139	GLOBAL	Cartesian	0,85714	0	4,25	No	0,85714
140	GLOBAL	Cartesian	0	0	4,25	No	0
141	GLOBAL	Cartesian	4,3	0	3,55	No	4,3
142	GLOBAL	Cartesian	3,6	0	3,55	No	3,6
143	GLOBAL	Cartesian	3	0	3,55	No	3
144	GLOBAL	Cartesian	2,4	0	3,55	No	2,4
145	GLOBAL	Cartesian	1,62857	0	3,55	No	1,62857
146	GLOBAL	Cartesian	0,85714	0	3,55	No	0,85714
147	GLOBAL	Cartesian	0	0	3,55	No	0
148	GLOBAL	Cartesian	3,6	0	2,85	No	3,6
149	GLOBAL	Cartesian	3	0	2,85	No	3
150	GLOBAL	Cartesian	2,4	0	2,85	No	2,4
151	GLOBAL	Cartesian	1,62857	0	2,85	No	1,62857
152	GLOBAL	Cartesian	0,85714	0	2,85	No	0,85714
153	GLOBAL	Cartesian	0	0	2,85	No	0
154	GLOBAL	Cartesian	3	0	2,25	No	3
155	GLOBAL	Cartesian	2,4	0	2,25	No	2,4
156	GLOBAL	Cartesian	1,62857	0	2,25	No	1,62857
157	GLOBAL	Cartesian	0,85714	0	2,25	No	0,85714
158	GLOBAL	Cartesian	0	0	2,25	No	0
159	GLOBAL	Cartesian	2,4	0	1,65	No	2,4
160	GLOBAL	Cartesian	1,62857	0	1,65	No	1,62857
161	GLOBAL	Cartesian	0,85714	0	1,65	No	0,85714
162	GLOBAL	Cartesian	0	0	1,65	No	0
163	GLOBAL	Cartesian	1,62857	0	0,87857	No	1,62857
164	GLOBAL	Cartesian	0,85714	0	0,87857	No	0,85714
165	GLOBAL	Cartesian	0	0	0,87857	No	0
166	GLOBAL	Cartesian	0,85714	0	0,10714	No	0,85714
167	GLOBAL	Cartesian	0	0	0,10714	No	0
168	GLOBAL	Cartesian	0	0	0	No	0

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
2	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
3	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
4	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
5	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
6	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631



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Joint	GlobalY m	GlobalZ m	GUID
7	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
8	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
9	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
10	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
11	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
12	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
13	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
14	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
15	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
16	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
17	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
18	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
19	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
20	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
21	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
22	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
23	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
24	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
25	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
26	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
27	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
28	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
29	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
30	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
31	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
32	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
33	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
34	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
35	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
36	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
37	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
38	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
39	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
40	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
41	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
42	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
43	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
44	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631

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Joint	GlobalY m	GlobalZ m	GUID
45	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
46	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
47	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
48	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
49	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
50	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
51	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
52	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
53	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
54	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
55	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
56	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
57	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
58	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
59	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
60	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
61	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
62	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
63	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
64	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
65	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
66	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
67	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
68	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
69	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
70	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
71	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
72	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
73	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
74	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
75	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
76	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
77	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
78	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
79	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
80	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
81	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
82	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631

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Joint	GlobalY m	GlobalZ m	GUID
83	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
84	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
85	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
86	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
87	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
88	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
89	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
90	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
91	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
92	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
93	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
94	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
95	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
96	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
97	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
98	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
99	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
100	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
101	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
102	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
103	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
104	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
105	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
106	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
107	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
108	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
109	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
110	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
111	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
112	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
113	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
114	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
115	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
116	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
117	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
118	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
119	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
120	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
121	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
122	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
123	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
124	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
125	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
126	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
127	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
128	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
129	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
130	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
131	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
132	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
133	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
134	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
135	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
136	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
137	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
138	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
139	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
140	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
141	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
142	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
143	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
144	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
145	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
146	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
147	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
148	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
149	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
150	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
151	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
152	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
153	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
154	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
155	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
156	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
157	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
158	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
159	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
160	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
161	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
162	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
163	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631
164	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631
165	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631
166	0	0,10714	6e4062ad-df03-4bb9-88f2-27041cd39631
167	0	0,10714	6e4062ad-df03-4bb9-88f2-27041cd39631
168	0	0	6e4062ad-df03-4bb9-88f2-27041cd39631

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m	M3 KN-m
11	PP	LinStatic	0	0	0	0	0	0
11	STER	LinStatic	0	-670,905	0	0	0	0
11	SSOVR	LinStatic	0	-440,366	0	0	0	0
23	PP	LinStatic	0	0	0	0	0	0
23	STER	LinStatic	0	-21,65	0	0	0	0
23	SSOVR	LinStatic	0	-58,145	0	0	0	0
31	PP	LinStatic	-184,536	0	42,674	0	-3,382	0
31	STER	LinStatic	0	48,284	0	-0,1462	0	36,0011
31	SSOVR	LinStatic	0	8,812	0	-0,0584	0	9,2054
32	PP	LinStatic	-142,214	0	48,505	0	-1,3628	0
32	STER	LinStatic	0	199,502	0	10,322	0	41,8265
32	SSOVR	LinStatic	0	77,576	0	3,6624	0	14,5218
48	PP	LinStatic	-158,41	0	68,128	0	-4,8956	0
48	STER	LinStatic	0	-25,366	0	-0,1088	0	-29,7609
48	SSOVR	LinStatic	0	-24,341	0	-0,0558	0	-19,562
63	PP	LinStatic	-131,225	0	87,685	0	-5,9125	0
63	STER	LinStatic	0	-84,323	0	0,164	0	-120,8594
63	SSOVR	LinStatic	0	-50,299	0	0,0628	0	-57,9446
77	PP	LinStatic	-80,281	0	91,766	0	-6,1431	0
77	STER	LinStatic	0	-124,094	0	0,0524	0	-199,5858
77	SSOVR	LinStatic	0	-63,559	0	0,0215	0	-88,0819
90	PP	LinStatic	-40,82	0	94,846	0	-6,2284	0
90	STER	LinStatic	0	-156,566	0	0,0049	0	-265,9781
90	SSOVR	LinStatic	0	-72,169	0	0,0059	0	-111,4302
102	PP	LinStatic	-8,612	0	89,617	0	-5,9362	0
102	STER	LinStatic	0	-169,772	0	0,0253	0	-295,0323
102	SSOVR	LinStatic	0	-71,675	0	0,0193	0	-118,4631
113	PP	LinStatic	13,102	0	83,578	0	-5,5846	0
113	STER	LinStatic	0	-174,989	0	-0,0098	0	-306,4142
113	SSOVR	LinStatic	0	-68,441	0	9,066E-05	0	-118,4793
123	PP	LinStatic	33,468	0	92,004	0	-6,019	0
123	STER	LinStatic	0	-207,946	0	-0,0517	0	-363,4053
123	SSOVR	LinStatic	0	-75,781	0	-0,016	0	-135,5259
132	PP	LinStatic	55,188	0	100,282	0	-6,4615	0
132	STER	LinStatic	0	-240,468	0	-0,0196	0	-417,002
132	SSOVR	LinStatic	0	-81,728	0	-0,0011	0	-149,925
140	PP	LinStatic	71,316	0	100,997	0	-6,4646	0
140	STER	LinStatic	0	-251,988	0	-0,0212	0	-431,551
140	SSOVR	LinStatic	0	-79,861	0	-0,0015	0	-149,5008
147	PP	LinStatic	83,576	0	101,198	0	-6,4582	0
147	STER	LinStatic	0	-256,006	0	-0,0221	0	-431,4322
147	SSOVR	LinStatic	0	-75,759	0	-0,0018	0	-144,1366
153	PP	LinStatic	85,325	0	93,293	0	-5,9597	0
153	STER	LinStatic	0	-233,109	0	0,056	0	-386,7397



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Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
153	SSOVR	LinStatic	0	-64,48	0	0,0206	0	-124,8511
158	PP	LinStatic	82,115	0	84,629	0	-5,5177	0
158	STER	LinStatic	0	-203,379	0	-0,0215	0	-332,2541
158	SSOVR	LinStatic	0	-52,59	0	-0,0006649	0	-103,8301
162	PP	LinStatic	94,602	0	93,358	0	-5,8521	0
162	STER	LinStatic	0	-204,372	0	0,062	0	-334,7348
162	SSOVR	LinStatic	0	-48,672	0	0,0159	0	-101,1835
165	PP	LinStatic	117,001	0	93,187	0	-5,986	0
165	STER	LinStatic	0	-206,071	0	0,4653	0	-304,3479
165	SSOVR	LinStatic	0	-46,12	0	0,209	0	-88,6622
167	PP	LinStatic	68,007	0	51,238	0	-2,6767	0
167	STER	LinStatic	0	-102,23	0	-2,4189	0	-137,6358
167	SSOVR	LinStatic	0	-22,608	0	-1,2665	0	-38,9722
168	PP	LinStatic	42,399	0	15,499	0	-0,1189	0
168	STER	LinStatic	0	111,367	0	11,0772	0	-4,8546
168	SSOVR	LinStatic	0	36,508	0	3,5461	0	-1,0555

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
STER	LinStatic	Zero				Prog Det	Live
SSOVR	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	
STER	Prog Det	Short-Term Composite	None	Yes	Finished	
SSOVR	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	
STER	
SSOVR	

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
PP	Dead	1		28d2e4e1-8a21-4006-900d-e71ff5ab455e	
STER	Live	0		2879eefe-cc20-4ed4-96ca-c81a7d024d18	
SSOVR	Live	0		a90fc74e-2ffc-492a-88fd-1d1ce12c229e	

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

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

Material	Type	SymType	TempDepend	Color	GUID
4000Psi	Concrete	Isotropic	No	Red	
A992Fy50	Steel	Isotropic	No	Cyan	
C32/40	Concrete	Isotropic	No	Green	

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

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

Material	Notes
4000Psi	Customary f'c 4000 psi 03/07/2018 09:39:47
A992Fy50	ASTM A992 Grade 50 03/07/2018 09:39:47
C32/40	Italy UNI EN 206-1:2006 e UNI 11104:2004 C32/40 added 03/07/2018 09:41:54

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

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

Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
4000Psi	27579,03	27579,03	No	Mander	Takeda	0,002219	0,005	-0,1
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1

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

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

Material	FAngle Degrees	DAngle Degrees
4000Psi	0	0
C32/40	0	0

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<b>TITOLO</b>	Tabulati di calcolo – Rostro – fase finale
<b>TIPO DI DOCUMENTO:</b>	Documento – Formato A4
<b>CODIFICA:</b>	-
<b>PAGINE:</b>	181
<b>DATA:</b>	31/08/18
<b>SORGENTE:</b>	Cepav due
<b>NOTE:</b>	

Table: Area Loads - Surface Pressure

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
4	SSOVR	Top	-10	None
4	STER	Top	-1	STER
4	INCRSIS	Top	-58,72	None
4	INERZIA	Top	-6,23	None
5	SSOVR	Top	-10	None
5	STER	Top	-1	STER
5	INCRSIS	Top	-58,72	None
5	INERZIA	Top	-6,23	None
6	SSOVR	Top	-10	None
6	STER	Top	-1	STER
6	INCRSIS	Top	-58,72	None
6	INERZIA	Top	-6,23	None
7	SSOVR	Top	-10	None
7	STER	Top	-1	STER
7	INCRSIS	Top	-58,72	None
7	INERZIA	Top	-6,23	None
8	SSOVR	Top	-10	None
8	STER	Top	-1	STER
8	INCRSIS	Top	-58,72	None
8	INERZIA	Top	-6,23	None
9	SSOVR	Top	-10	None



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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
9	STER	Top	-1	STER
9	INCRSIS	Top	-58,72	None
9	INERZIA	Top	-6,23	None
10	SSOVR	Top	-10	None
10	STER	Top	-1	STER
10	INCRSIS	Top	-58,72	None
10	INERZIA	Top	-6,23	None
11	SSOVR	Top	-10	None
11	STER	Top	-1	STER
11	INCRSIS	Top	-58,72	None
11	INERZIA	Top	-6,23	None
12	SSOVR	Top	-10	None
12	STER	Top	-1	STER
12	INCRSIS	Top	-58,72	None
12	INERZIA	Top	-6,23	None
13	SSOVR	Top	-10	None
13	STER	Top	-1	STER
13	INCRSIS	Top	-58,72	None
13	INERZIA	Top	-6,23	None
14	SSOVR	Top	-10	None
14	STER	Top	-1	STER
14	INCRSIS	Top	-58,72	None
14	INERZIA	Top	-6,23	None
15	SSOVR	Top	-10	None
15	STER	Top	-1	STER
15	INCRSIS	Top	-58,72	None
15	INERZIA	Top	-6,23	None
19	SSOVR	Top	-10	None
19	STER	Top	-1	STER
19	INCRSIS	Top	-58,72	None
19	INERZIA	Top	-6,23	None
20	SSOVR	Top	-10	None
20	STER	Top	-1	STER
20	INCRSIS	Top	-58,72	None
20	INERZIA	Top	-6,23	None
21	SSOVR	Top	-10	None
21	STER	Top	-1	STER
21	INCRSIS	Top	-58,72	None
21	INERZIA	Top	-6,23	None
22	SSOVR	Top	-10	None
22	STER	Top	-1	STER
22	INCRSIS	Top	-58,72	None
22	INERZIA	Top	-6,23	None
23	SSOVR	Top	-10	None
23	STER	Top	-1	STER
23	INCRSIS	Top	-58,72	None
23	INERZIA	Top	-6,23	None
24	SSOVR	Top	-10	None
24	STER	Top	-1	STER
24	INCRSIS	Top	-58,72	None
24	INERZIA	Top	-6,23	None
25	SSOVR	Top	-10	None
25	STER	Top	-1	STER
25	INCRSIS	Top	-58,72	None
25	INERZIA	Top	-6,23	None
26	SSOVR	Top	-10	None
26	STER	Top	-1	STER
26	INCRSIS	Top	-58,72	None
26	INERZIA	Top	-6,23	None
27	SSOVR	Top	-10	None
27	STER	Top	-1	STER
27	INCRSIS	Top	-58,72	None
27	INERZIA	Top	-6,23	None
28	SSOVR	Top	-10	None
28	STER	Top	-1	STER
28	INCRSIS	Top	-58,72	None
28	INERZIA	Top	-6,23	None
29	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
29	STER	Top	-1	STER
29	INCRSIS	Top	-58,72	None
29	INERZIA	Top	-6,23	None
30	SSOVR	Top	-10	None
30	STER	Top	-1	STER
30	INCRSIS	Top	-58,72	None
30	INERZIA	Top	-6,23	None
34	SSOVR	Top	-10	None
34	STER	Top	-1	STER
34	INCRSIS	Top	-58,72	None
34	INERZIA	Top	-6,23	None
35	SSOVR	Top	-10	None
35	STER	Top	-1	STER
35	INCRSIS	Top	-58,72	None
35	INERZIA	Top	-6,23	None
36	SSOVR	Top	-10	None
36	STER	Top	-1	STER
36	INCRSIS	Top	-58,72	None
36	INERZIA	Top	-6,23	None
37	SSOVR	Top	-10	None
37	STER	Top	-1	STER
37	INCRSIS	Top	-58,72	None
37	INERZIA	Top	-6,23	None
38	SSOVR	Top	-10	None
38	STER	Top	-1	STER
38	INCRSIS	Top	-58,72	None
38	INERZIA	Top	-6,23	None
39	SSOVR	Top	-10	None
39	STER	Top	-1	STER
39	INCRSIS	Top	-58,72	None
39	INERZIA	Top	-6,23	None
40	SSOVR	Top	-10	None
40	STER	Top	-1	STER
40	INCRSIS	Top	-58,72	None
40	INERZIA	Top	-6,23	None
41	SSOVR	Top	-10	None
41	STER	Top	-1	STER
41	INCRSIS	Top	-58,72	None
41	INERZIA	Top	-6,23	None
42	SSOVR	Top	-10	None
42	STER	Top	-1	STER
42	INCRSIS	Top	-58,72	None
42	INERZIA	Top	-6,23	None
43	SSOVR	Top	-10	None
43	STER	Top	-1	STER
43	INCRSIS	Top	-58,72	None
43	INERZIA	Top	-6,23	None
44	SSOVR	Top	-10	None
44	STER	Top	-1	STER
44	INCRSIS	Top	-58,72	None
44	INERZIA	Top	-6,23	None
45	SSOVR	Top	-10	None
45	STER	Top	-1	STER
45	INCRSIS	Top	-58,72	None
45	INERZIA	Top	-6,23	None
48	SSOVR	Top	-10	None
48	STER	Top	-1	STER
48	INCRSIS	Top	-58,72	None
48	INERZIA	Top	-6,23	None
49	SSOVR	Top	-10	None
49	STER	Top	-1	STER
49	INCRSIS	Top	-58,72	None
49	INERZIA	Top	-6,23	None
50	SSOVR	Top	-10	None
50	STER	Top	-1	STER
50	INCRSIS	Top	-58,72	None
50	INERZIA	Top	-6,23	None
51	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
51	STER	Top	-1	STER
51	INCRSIS	Top	-58,72	None
51	INERZIA	Top	-6,23	None
52	SSOVR	Top	-10	None
52	STER	Top	-1	STER
52	INCRSIS	Top	-58,72	None
52	INERZIA	Top	-6,23	None
53	SSOVR	Top	-10	None
53	STER	Top	-1	STER
53	INCRSIS	Top	-58,72	None
53	INERZIA	Top	-6,23	None
54	SSOVR	Top	-10	None
54	STER	Top	-1	STER
54	INCRSIS	Top	-58,72	None
54	INERZIA	Top	-6,23	None
55	SSOVR	Top	-10	None
55	STER	Top	-1	STER
55	INCRSIS	Top	-58,72	None
55	INERZIA	Top	-6,23	None
56	SSOVR	Top	-10	None
56	STER	Top	-1	STER
56	INCRSIS	Top	-58,72	None
56	INERZIA	Top	-6,23	None
57	SSOVR	Top	-10	None
57	STER	Top	-1	STER
57	INCRSIS	Top	-58,72	None
57	INERZIA	Top	-6,23	None
58	SSOVR	Top	-10	None
58	STER	Top	-1	STER
58	INCRSIS	Top	-58,72	None
58	INERZIA	Top	-6,23	None
59	SSOVR	Top	-10	None
59	STER	Top	-1	STER
59	INCRSIS	Top	-58,72	None
59	INERZIA	Top	-6,23	None
61	SSOVR	Top	-10	None
61	STER	Top	-1	STER
61	INCRSIS	Top	-58,72	None
61	INERZIA	Top	-6,23	None
62	SSOVR	Top	-10	None
62	STER	Top	-1	STER
62	INCRSIS	Top	-58,72	None
62	INERZIA	Top	-6,23	None
63	SSOVR	Top	-10	None
63	STER	Top	-1	STER
63	INCRSIS	Top	-58,72	None
63	INERZIA	Top	-6,23	None
64	SSOVR	Top	-10	None
64	STER	Top	-1	STER
64	INCRSIS	Top	-58,72	None
64	INERZIA	Top	-6,23	None
65	SSOVR	Top	-10	None
65	STER	Top	-1	STER
65	INCRSIS	Top	-58,72	None
65	INERZIA	Top	-6,23	None
66	SSOVR	Top	-10	None
66	STER	Top	-1	STER
66	INCRSIS	Top	-58,72	None
66	INERZIA	Top	-6,23	None
67	SSOVR	Top	-10	None
67	STER	Top	-1	STER
67	INCRSIS	Top	-58,72	None
67	INERZIA	Top	-6,23	None
68	SSOVR	Top	-10	None
68	STER	Top	-1	STER
68	INCRSIS	Top	-58,72	None
68	INERZIA	Top	-6,23	None
69	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
69	STER	Top	-1	STER
69	INCRSIS	Top	-58,72	None
69	INERZIA	Top	-6,23	None
70	SSOVR	Top	-10	None
70	STER	Top	-1	STER
70	INCRSIS	Top	-58,72	None
70	INERZIA	Top	-6,23	None
71	SSOVR	Top	-10	None
71	STER	Top	-1	STER
71	INCRSIS	Top	-58,72	None
71	INERZIA	Top	-6,23	None
72	SSOVR	Top	-10	None
72	STER	Top	-1	STER
72	INCRSIS	Top	-58,72	None
72	INERZIA	Top	-6,23	None
73	SSOVR	Top	-10	None
73	STER	Top	-1	STER
73	INCRSIS	Top	-58,72	None
73	INERZIA	Top	-6,23	None
74	SSOVR	Top	-10	None
74	STER	Top	-1	STER
74	INCRSIS	Top	-58,72	None
74	INERZIA	Top	-6,23	None
75	SSOVR	Top	-10	None
75	STER	Top	-1	STER
75	INCRSIS	Top	-58,72	None
75	INERZIA	Top	-6,23	None
76	SSOVR	Top	-10	None
76	STER	Top	-1	STER
76	INCRSIS	Top	-58,72	None
76	INERZIA	Top	-6,23	None
77	SSOVR	Top	-10	None
77	STER	Top	-1	STER
77	INCRSIS	Top	-58,72	None
77	INERZIA	Top	-6,23	None
78	SSOVR	Top	-10	None
78	STER	Top	-1	STER
78	INCRSIS	Top	-58,72	None
78	INERZIA	Top	-6,23	None
79	SSOVR	Top	-10	None
79	STER	Top	-1	STER
79	INCRSIS	Top	-58,72	None
79	INERZIA	Top	-6,23	None
80	SSOVR	Top	-10	None
80	STER	Top	-1	STER
80	INCRSIS	Top	-58,72	None
80	INERZIA	Top	-6,23	None
81	SSOVR	Top	-10	None
81	STER	Top	-1	STER
81	INCRSIS	Top	-58,72	None
81	INERZIA	Top	-6,23	None
82	SSOVR	Top	-10	None
82	STER	Top	-1	STER
82	INCRSIS	Top	-58,72	None
82	INERZIA	Top	-6,23	None
83	SSOVR	Top	-10	None
83	STER	Top	-1	STER
83	INCRSIS	Top	-58,72	None
83	INERZIA	Top	-6,23	None
84	SSOVR	Top	-10	None
84	STER	Top	-1	STER
84	INCRSIS	Top	-58,72	None
84	INERZIA	Top	-6,23	None
85	SSOVR	Top	-10	None
85	STER	Top	-1	STER
85	INCRSIS	Top	-58,72	None
85	INERZIA	Top	-6,23	None
86	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
86	STER	Top	-1	STER
86	INCRSIS	Top	-58,72	None
86	INERZIA	Top	-6,23	None
87	SSOVR	Top	-10	None
87	STER	Top	-1	STER
87	INCRSIS	Top	-58,72	None
87	INERZIA	Top	-6,23	None
88	SSOVR	Top	-10	None
88	STER	Top	-1	STER
88	INCRSIS	Top	-58,72	None
88	INERZIA	Top	-6,23	None
89	SSOVR	Top	-10	None
89	STER	Top	-1	STER
89	INCRSIS	Top	-58,72	None
89	INERZIA	Top	-6,23	None
90	SSOVR	Top	-10	None
90	STER	Top	-1	STER
90	INCRSIS	Top	-58,72	None
90	INERZIA	Top	-6,23	None
91	SSOVR	Top	-10	None
91	STER	Top	-1	STER
91	INCRSIS	Top	-58,72	None
91	INERZIA	Top	-6,23	None
92	SSOVR	Top	-10	None
92	STER	Top	-1	STER
92	INCRSIS	Top	-58,72	None
92	INERZIA	Top	-6,23	None
93	SSOVR	Top	-10	None
93	STER	Top	-1	STER
93	INCRSIS	Top	-58,72	None
93	INERZIA	Top	-6,23	None
94	SSOVR	Top	-10	None
94	STER	Top	-1	STER
94	INCRSIS	Top	-58,72	None
94	INERZIA	Top	-6,23	None
95	SSOVR	Top	-10	None
95	STER	Top	-1	STER
95	INCRSIS	Top	-58,72	None
95	INERZIA	Top	-6,23	None
96	SSOVR	Top	-10	None
96	STER	Top	-1	STER
96	INCRSIS	Top	-58,72	None
96	INERZIA	Top	-6,23	None
97	SSOVR	Top	-10	None
97	STER	Top	-1	STER
97	INCRSIS	Top	-58,72	None
97	INERZIA	Top	-6,23	None
98	SSOVR	Top	-10	None
98	STER	Top	-1	STER
98	INCRSIS	Top	-58,72	None
98	INERZIA	Top	-6,23	None
99	SSOVR	Top	-10	None
99	STER	Top	-1	STER
99	INCRSIS	Top	-58,72	None
99	INERZIA	Top	-6,23	None
100	SSOVR	Top	-10	None
100	STER	Top	-1	STER
100	INCRSIS	Top	-58,72	None
100	INERZIA	Top	-6,23	None
101	SSOVR	Top	-10	None
101	STER	Top	-1	STER
101	INCRSIS	Top	-58,72	None
101	INERZIA	Top	-6,23	None
102	SSOVR	Top	-10	None
102	STER	Top	-1	STER
102	INCRSIS	Top	-58,72	None
102	INERZIA	Top	-6,23	None
103	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
103	STER	Top	-1	STER
103	INCRSIS	Top	-58,72	None
103	INERZIA	Top	-6,23	None
104	SSOVR	Top	-10	None
104	STER	Top	-1	STER
104	INCRSIS	Top	-58,72	None
104	INERZIA	Top	-6,23	None
105	SSOVR	Top	-10	None
105	STER	Top	-1	STER
105	INCRSIS	Top	-58,72	None
105	INERZIA	Top	-6,23	None
106	SSOVR	Top	-10	None
106	STER	Top	-1	STER
106	INCRSIS	Top	-58,72	None
106	INERZIA	Top	-6,23	None
107	SSOVR	Top	-10	None
107	STER	Top	-1	STER
107	INCRSIS	Top	-58,72	None
107	INERZIA	Top	-6,23	None
108	SSOVR	Top	-10	None
108	STER	Top	-1	STER
108	INCRSIS	Top	-58,72	None
108	INERZIA	Top	-6,23	None
109	SSOVR	Top	-10	None
109	STER	Top	-1	STER
109	INCRSIS	Top	-58,72	None
109	INERZIA	Top	-6,23	None
110	SSOVR	Top	-10	None
110	STER	Top	-1	STER
110	INCRSIS	Top	-58,72	None
110	INERZIA	Top	-6,23	None
111	SSOVR	Top	-10	None
111	STER	Top	-1	STER
111	INCRSIS	Top	-58,72	None
111	INERZIA	Top	-6,23	None
112	SSOVR	Top	-10	None
112	STER	Top	-1	STER
112	INCRSIS	Top	-58,72	None
112	INERZIA	Top	-6,23	None
113	SSOVR	Top	-10	None
113	STER	Top	-1	STER
113	INCRSIS	Top	-58,72	None
113	INERZIA	Top	-6,23	None
114	SSOVR	Top	-10	None
114	STER	Top	-1	STER
114	INCRSIS	Top	-58,72	None
114	INERZIA	Top	-6,23	None
115	SSOVR	Top	-10	None
115	STER	Top	-1	STER
115	INCRSIS	Top	-58,72	None
115	INERZIA	Top	-6,23	None
116	SSOVR	Top	-10	None
116	STER	Top	-1	STER
116	INCRSIS	Top	-58,72	None
116	INERZIA	Top	-6,23	None
117	SSOVR	Top	-10	None
117	STER	Top	-1	STER
117	INCRSIS	Top	-58,72	None
117	INERZIA	Top	-6,23	None
118	SSOVR	Top	-10	None
118	STER	Top	-1	STER
118	INCRSIS	Top	-58,72	None
118	INERZIA	Top	-6,23	None
119	SSOVR	Top	-10	None
119	STER	Top	-1	STER
119	INCRSIS	Top	-58,72	None
119	INERZIA	Top	-6,23	None
120	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
120	STER	Top	-1	STER
120	INCRSIS	Top	-58,72	None
120	INERZIA	Top	-6,23	None
121	SSOVR	Top	-10	None
121	STER	Top	-1	STER
121	INCRSIS	Top	-58,72	None
121	INERZIA	Top	-6,23	None
122	SSOVR	Top	-10	None
122	STER	Top	-1	STER
122	INCRSIS	Top	-58,72	None
122	INERZIA	Top	-6,23	None
123	SSOVR	Top	-10	None
123	STER	Top	-1	STER
123	INCRSIS	Top	-58,72	None
123	INERZIA	Top	-6,23	None
124	SSOVR	Top	-10	None
124	STER	Top	-1	STER
124	INCRSIS	Top	-58,72	None
124	INERZIA	Top	-6,23	None
125	SSOVR	Top	-10	None
125	STER	Top	-1	STER
125	INCRSIS	Top	-58,72	None
125	INERZIA	Top	-6,23	None
126	SSOVR	Top	-10	None
126	STER	Top	-1	STER
126	INCRSIS	Top	-58,72	None
126	INERZIA	Top	-6,23	None
127	SSOVR	Top	-10	None
127	STER	Top	-1	STER
127	INCRSIS	Top	-58,72	None
127	INERZIA	Top	-6,23	None
128	SSOVR	Top	-10	None
128	STER	Top	-1	STER
128	INCRSIS	Top	-58,72	None
128	INERZIA	Top	-6,23	None
129	SSOVR	Top	-10	None
129	STER	Top	-1	STER
129	INCRSIS	Top	-58,72	None
129	INERZIA	Top	-6,23	None
130	SSOVR	Top	-10	None
130	STER	Top	-1	STER
130	INCRSIS	Top	-58,72	None
130	INERZIA	Top	-6,23	None
131	SSOVR	Top	-10	None
131	STER	Top	-1	STER
131	INCRSIS	Top	-58,72	None
131	INERZIA	Top	-6,23	None
132	SSOVR	Top	-10	None
132	STER	Top	-1	STER
132	INCRSIS	Top	-58,72	None
132	INERZIA	Top	-6,23	None
133	SSOVR	Top	-10	None
133	STER	Top	-1	STER
133	INCRSIS	Top	-58,72	None
133	INERZIA	Top	-6,23	None
134	SSOVR	Top	-10	None
134	STER	Top	-1	STER
134	INCRSIS	Top	-58,72	None
134	INERZIA	Top	-6,23	None
135	SSOVR	Top	-10	None
135	STER	Top	-1	STER
135	INCRSIS	Top	-58,72	None
135	INERZIA	Top	-6,23	None
136	SSOVR	Top	-10	None
136	STER	Top	-1	STER
136	INCRSIS	Top	-58,72	None
136	INERZIA	Top	-6,23	None
137	SSOVR	Top	-10	None

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Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressura KN/m2	JtPattern
137	STER	Top	-1	STER
137	INCRSIS	Top	-58,72	None
137	INERZIA	Top	-6,23	None
138	SSOVR	Top	-10	None
138	STER	Top	-1	STER
138	INCRSIS	Top	-58,72	None
138	INERZIA	Top	-6,23	None
139	SSOVR	Top	-10	None
139	STER	Top	-1	STER
139	INCRSIS	Top	-58,72	None
139	INERZIA	Top	-6,23	None
140	SSOVR	Top	-10	None
140	STER	Top	-1	STER
140	INCRSIS	Top	-58,72	None
140	INERZIA	Top	-6,23	None
141	SSOVR	Top	-10	None
141	STER	Top	-1	STER
141	INCRSIS	Top	-58,72	None
141	INERZIA	Top	-6,23	None
142	SSOVR	Top	-10	None
142	STER	Top	-1	STER
142	INCRSIS	Top	-58,72	None
142	INERZIA	Top	-6,23	None
143	SSOVR	Top	-10	None
143	STER	Top	-1	STER
143	INCRSIS	Top	-58,72	None
143	INERZIA	Top	-6,23	None
144	SSOVR	Top	-10	None
144	STER	Top	-1	STER
144	INCRSIS	Top	-58,72	None
144	INERZIA	Top	-6,23	None
145	SSOVR	Top	-10	None
145	STER	Top	-1	STER
145	INCRSIS	Top	-58,72	None
145	INERZIA	Top	-6,23	None
146	SSOVR	Top	-10	None
146	STER	Top	-1	STER
146	INCRSIS	Top	-58,72	None
146	INERZIA	Top	-6,23	None
147	SSOVR	Top	-10	None
147	STER	Top	-1	STER
147	INCRSIS	Top	-58,72	None
147	INERZIA	Top	-6,23	None
148	SSOVR	Top	-10	None
148	STER	Top	-1	STER
148	INCRSIS	Top	-58,72	None
148	INERZIA	Top	-6,23	None
149	SSOVR	Top	-10	None
149	STER	Top	-1	STER
149	INCRSIS	Top	-58,72	None
149	INERZIA	Top	-6,23	None
150	SSOVR	Top	-10	None
150	STER	Top	-1	STER
150	INCRSIS	Top	-58,72	None
150	INERZIA	Top	-6,23	None

Table: Area Section Assignments

Table: Area Section Assignments

Area	Section	MatProp
4	rostro	Default
5	rostro	Default
6	rostro	Default
7	rostro	Default
8	rostro	Default
9	rostro	Default
10	rostro	Default



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Table: Area Section Assignments

Area	Section	MatProp
11	rostro	Default
12	rostro	Default
13	rostro	Default
14	rostro	Default
15	rostro	Default
19	rostro	Default
20	rostro	Default
21	rostro	Default
22	rostro	Default
23	rostro	Default
24	rostro	Default
25	rostro	Default
26	rostro	Default
27	rostro	Default
28	rostro	Default
29	rostro	Default
30	rostro	Default
34	rostro	Default
35	rostro	Default
36	rostro	Default
37	rostro	Default
38	rostro	Default
39	rostro	Default
40	rostro	Default
41	rostro	Default
42	rostro	Default
43	rostro	Default
44	rostro	Default
45	rostro	Default
48	rostro	Default
49	rostro	Default
50	rostro	Default
51	rostro	Default
52	rostro	Default
53	rostro	Default
54	rostro	Default
55	rostro	Default
56	rostro	Default
57	rostro	Default
58	rostro	Default
59	rostro	Default
61	rostro	Default
62	rostro	Default
63	rostro	Default
64	rostro	Default
65	rostro	Default
66	rostro	Default
67	rostro	Default
68	rostro	Default
69	rostro	Default
70	rostro	Default
71	rostro	Default
72	rostro	Default
73	rostro	Default
74	rostro	Default
75	rostro	Default
76	rostro	Default
77	rostro	Default
78	rostro	Default
79	rostro	Default
80	rostro	Default
81	rostro	Default
82	rostro	Default
83	rostro	Default
84	rostro	Default
85	rostro	Default
86	rostro	Default
87	rostro	Default

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Table: Area Section Assignments

Area	Section	MatProp
88	rostro	Default
89	rostro	Default
90	rostro	Default
91	rostro	Default
92	rostro	Default
93	rostro	Default
94	rostro	Default
95	rostro	Default
96	rostro	Default
97	rostro	Default
98	rostro	Default
99	rostro	Default
100	rostro	Default
101	rostro	Default
102	rostro	Default
103	rostro	Default
104	rostro	Default
105	rostro	Default
106	rostro	Default
107	rostro	Default
108	rostro	Default
109	rostro	Default
110	rostro	Default
111	rostro	Default
112	rostro	Default
113	rostro	Default
114	rostro	Default
115	rostro	Default
116	rostro	Default
117	rostro	Default
118	rostro	Default
119	rostro	Default
120	rostro	Default
121	rostro	Default
122	rostro	Default
123	rostro	Default
124	rostro	Default
125	rostro	Default
126	rostro	Default
127	rostro	Default
128	rostro	Default
129	rostro	Default
130	rostro	Default
131	rostro	Default
132	rostro	Default
133	rostro	Default
134	rostro	Default
135	rostro	Default
136	rostro	Default
137	rostro	Default
138	rostro	Default
139	rostro	Default
140	rostro	Default
141	rostro	Default
142	rostro	Default
143	rostro	Default
144	rostro	Default
145	rostro	Default
146	rostro	Default
147	rostro	Default
148	rostro	Default
149	rostro	Default
150	rostro	Default

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Table: Area Section Properties, Part 1 of 4

Table: Area Section Properties, Part 1 of 4

Section	Material	MatAngle Degrees	AreaType	Type	DrillDOF	Thickness m	BendThick m	Arc Degrees
rostro	C32/40	0	Shell	Shell-Thin	Yes	0,9	0,9	

Table: Area Section Properties, Part 2 of 4

Table: Area Section Properties, Part 2 of 4

Section	InComp	CoordSys	Color	TotalWt KN	TotalMass KN-s2/m	F11Mod	F22Mod
rostro			Magenta	1337,829	136,42	1	1

Table: Area Section Properties, Part 3 of 4

Table: Area Section Properties, Part 3 of 4

Section	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod	MMod	WMod
rostro	1	1	1	1	1	1	1	1

Table: Area Section Properties, Part 4 of 4

Table: Area Section Properties, Part 4 of 4

Section	GUID	Notes
rostro		Added 03/07/2018 09:42:07

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
PP	Load pattern	PP	1
STER	Load pattern	STER	1
SSOVR	Load pattern	SSOVR	1
INERZIA	Load pattern	INERZIA	1
INCRSIS	Load pattern	INCRSIS	1

Table: Connectivity - Area, Part 1 of 2

Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
4	4	7	9	10	8	2,325	0,320625
5	4	9	11	12	10	2,1	0,27
6	4	11	13	14	12	2,1	0,27
7	4	13	15	16	14	2,3	0,315
8	4	15	17	18	16	2,3	0,315
9	4	17	19	20	18	2,3	0,315
10	4	19	21	22	20	2,3	0,315
11	4	21	23	24	22	2,1	0,27
12	4	23	25	26	24	2,1	0,27
13	4	25	27	28	26	2,44286	0,347143
14	4	27	29	30	28	2,44286	0,347143
15	4	29	31	32	30	2,61428	0,385713
19	4	36	37	9	7	2,325	0,320625
20	4	37	38	11	9	2,1	0,27
21	4	38	39	13	11	2,1	0,27
22	4	39	40	15	13	2,3	0,315
23	4	40	41	17	15	2,3	0,315
24	4	41	42	19	17	2,3	0,315
25	4	42	43	21	19	2,3	0,315
26	4	43	44	23	21	2,1	0,27
27	4	44	45	25	23	2,1	0,27
28	4	45	46	27	25	2,44286	0,347144
29	4	46	47	29	27	2,44286	0,347144
30	4	47	48	31	29	2,61428	0,385713
34	4	51	52	37	36	2,85	0,507656
35	4	52	53	38	37	2,625	0,4275
36	4	53	54	39	38	2,625	0,4275
37	4	54	55	40	39	2,825	0,49875

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
38	4	55	56	41	40	2,825	0,49875
39	4	56	57	42	41	2,825	0,49875
40	4	57	58	43	42	2,825	0,49875
41	4	58	59	44	43	2,625	0,4275
42	4	59	60	45	44	2,625	0,4275
43	4	60	61	46	45	2,96786	0,549644
44	4	61	62	47	46	2,96786	0,549644
45	4	62	63	48	47	3,13928	0,610712
48	4	65	66	52	51	2,85	0,507656
49	4	66	67	53	52	2,625	0,4275
50	4	67	68	54	53	2,625	0,4275
51	4	68	69	55	54	2,825	0,49875
52	4	69	70	56	55	2,825	0,49875
53	4	70	71	57	56	2,825	0,49875
54	4	71	72	58	57	2,825	0,49875
55	4	72	73	59	58	2,625	0,4275
56	4	73	74	60	59	2,625	0,4275
57	4	74	75	61	60	2,96786	0,549644
58	4	75	76	62	61	2,96786	0,549644
59	4	76	77	63	62	3,13928	0,610712
61	4	78	79	66	65	2,85	0,507656
62	4	79	80	67	66	2,625	0,4275
63	4	80	81	68	67	2,625	0,4275
64	4	81	82	69	68	2,825	0,49875
65	4	82	83	70	69	2,825	0,49875
66	4	83	84	71	70	2,825	0,49875
67	4	84	85	72	71	2,825	0,49875
68	4	85	86	73	72	2,625	0,4275
69	4	86	87	74	73	2,625	0,4275
70	4	87	88	75	74	2,96786	0,549644
71	4	88	89	76	75	2,96786	0,549644
72	4	89	90	77	76	3,13928	0,610712
73	3	91	79	78		2,432627	0,253828
74	4	91	92	80	79	2,625	0,4275
75	4	92	93	81	80	2,625	0,4275
76	4	93	94	82	81	2,825	0,49875
77	4	94	95	83	82	2,825	0,49875
78	4	95	96	84	83	2,825	0,49875
79	4	96	97	85	84	2,825	0,49875
80	4	97	98	86	85	2,625	0,4275
81	4	98	99	87	86	2,625	0,4275
82	4	99	100	88	87	2,96786	0,549644
83	4	100	101	89	88	2,96786	0,549644
84	4	101	102	90	89	3,13928	0,610712
85	3	103	92	91		2,048528	0,18
86	4	103	104	93	92	2,4	0,36
87	4	104	105	94	93	2,6	0,42
88	4	105	106	95	94	2,6	0,42
89	4	106	107	96	95	2,6	0,42
90	4	107	108	97	96	2,6	0,42
91	4	108	109	98	97	2,4	0,36
92	4	109	110	99	98	2,4	0,36
93	4	110	111	100	99	2,74286	0,462858
94	4	111	112	101	100	2,74286	0,462858
95	4	112	113	102	101	2,91428	0,514284
96	3	114	104	103		2,048528	0,18
97	4	114	115	105	104	2,6	0,42
98	4	115	116	106	105	2,6	0,42
99	4	116	117	107	106	2,6	0,42
100	4	117	118	108	107	2,6	0,42
101	4	118	119	109	108	2,4	0,36
102	4	119	120	110	109	2,4	0,36
103	4	120	121	111	110	2,74286	0,462858
104	4	121	122	112	111	2,74286	0,462858
105	4	122	123	113	112	2,91428	0,514284
106	3	124	115	114		2,389949	0,245
107	4	124	125	116	115	2,8	0,49
108	4	125	126	117	116	2,8	0,49

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Table: Connectivity - Area, Part 1 of 2

Area	NumJoints	Joint1	Joint2	Joint3	Joint4	Perimeter m	AreaArea m2
109	4	126	127	118	117	2,8	0,49
110	4	127	128	119	118	2,6	0,42
111	4	128	129	120	119	2,6	0,42
112	4	129	130	121	120	2,94286	0,540001
113	4	130	131	122	121	2,94286	0,540001
114	4	131	132	123	122	3,11428	0,599998
115	3	133	125	124		2,389949	0,245
116	4	133	134	126	125	2,8	0,49
117	4	134	135	127	126	2,8	0,49
118	4	135	136	128	127	2,6	0,42
119	4	136	137	129	128	2,6	0,42
120	4	137	138	130	129	2,94286	0,540001
121	4	138	139	131	130	2,94286	0,540001
122	4	139	140	132	131	3,11428	0,599998
123	3	141	134	133		2,389949	0,245
124	4	141	142	135	134	2,8	0,49
125	4	142	143	136	135	2,6	0,42
126	4	143	144	137	136	2,6	0,42
127	4	144	145	138	137	2,94286	0,540001
128	4	145	146	139	138	2,94286	0,540001
129	4	146	147	140	139	3,11428	0,599998
130	3	148	142	141		2,389949	0,245
131	4	148	149	143	142	2,6	0,42
132	4	149	150	144	143	2,6	0,42
133	4	150	151	145	144	2,94286	0,540001
134	4	151	152	146	145	2,94286	0,540001
135	4	152	153	147	146	3,11428	0,599998
136	3	154	149	148		2,048528	0,18
137	4	154	155	150	149	2,4	0,36
138	4	155	156	151	150	2,74286	0,462858
139	4	156	157	152	151	2,74286	0,462858
140	4	157	158	153	152	2,91428	0,514284
141	3	159	155	154		2,048528	0,18
142	4	159	160	156	155	2,74286	0,462858
143	4	160	161	157	156	2,74286	0,462858
144	4	161	162	158	157	2,91428	0,514284
145	3	163	160	159		2,633827	0,297552
146	4	163	164	161	160	3,08572	0,595104
147	4	164	165	162	161	3,25714	0,661224
148	3	166	164	163		2,633827	0,297552
149	4	166	167	165	164	3,25714	0,661224
150	3	168	167	166		1,82809	0,045917

Table: Connectivity - Area, Part 2 of 2

Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
4	0,288563	7,95625	0	10,375	9538b7f4-8fc2-49b2-b12c-b4ed0ed2bc24
5	0,243	7,3	0	10,375	1f8cd21d-7ef4-416d-8730-c449bf61caa0
6	0,243	6,7	0	10,375	cc635d4d-986a-4549-bde0-c539f1dfe9d1
7	0,2835	6,05	0	10,375	c27d69ab-dd3e-4f2e-b033-bf783fc1709a
8	0,2835	5,35	0	10,375	fd2c31e3-8b45-4b5f-821e-77c5b0dc548d
9	0,2835	4,65	0	10,375	9abf9916-d310-4d1f-b568-9fe1951ce5aa
10	0,2835	3,95	0	10,375	565ce547-b1c7-4fd5-8f9e-855b772f0de7
11	0,243	3,3	0	10,375	c8ad27c1-73d7-463b-af81-49ddb12132bc
12	0,243	2,7	0	10,375	9e006942-7bf5-4fec-aab4-96e4eaa43a13
13	0,312429	2,01429	0	10,375	24393dbc-71ba-4c52-899b-b11473d26597
14	0,312429	1,24286	0	10,375	f5090be2-c302-41bf-8ee8-8af9f67982f5

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
15	0,347142	0,42857	0	10,375	6a6dae4c-8007-4808-9637-0db08ef54eec
19	0,288563	7,95625	0	9,925	94191027-6c82-48d5-ac35-1cb21899328f
20	0,243	7,3	0	9,925	e9bc1718-1f26-4f4e-95d6-97230e291de3
21	0,243	6,7	0	9,925	f15a0f01-72c9-465b-b1f7-844d368513de
22	0,2835	6,05	0	9,925	c3ebee06-6f57-4f93-ae45-5ae172d5d21d
23	0,2835	5,35	0	9,925	5d1041b5-d0e9-4018-a1eb-3f9f6baaa845
24	0,2835	4,65	0	9,925	99f19405-f3d3-4380-83c3-3c7cf89d32e0
25	0,2835	3,95	0	9,925	2efb818a-4cc4-4cd4-81c9-017741180ddb
26	0,243	3,3	0	9,925	09c16638-0ce8-47a5-b633-4089f0803957
27	0,243	2,7	0	9,925	0e46e0da-87db-4a08-8773-e38512ee8672
28	0,312429	2,01429	0	9,925	c22856b5-4316-4144-8538-efa79068a5dd
29	0,312429	1,24286	0	9,925	17622ca9-90a0-4aea-a069-6abce76cac4b
30	0,347142	0,42857	0	9,925	50297e02-8839-4ea8-a96b-cdb1693456f9
34	0,456891	7,95625	0	9,34375	06c948fe-febc-43e2-aef8-c55001414e82
35	0,38475	7,3	0	9,34375	d921c0a1-d386-4177-a2ed-dcd5210ce900
36	0,38475	6,7	0	9,34375	b866fdb6-0d20-49a6-ad8f-e74764a0274a
37	0,448875	6,05	0	9,34375	44a2f5e1-17cc-4f06-bfc1-c557a3d67e0f
38	0,448875	5,35	0	9,34375	ff9a6890-a485-4625-bc59-3d7e4741c17e
39	0,448875	4,65	0	9,34375	e905036b-bd68-47a6-8966-434e1c6fa18f
40	0,448875	3,95	0	9,34375	3a4c36ef-70f6-4446-8774-7909821deaa5
41	0,38475	3,3	0	9,34375	f923c569-0692-4b6f-a6a4-a634588621d7
42	0,38475	2,7	0	9,34375	31610a50-98c3-4411-9672-e4aad0c78191
43	0,494679	2,01429	0	9,34375	4999d4c0-fdb2-46bf-b628-da8046d0467f
44	0,494679	1,24286	0	9,34375	9b9b0614-271d-41d0-a9c0-b3896b2746e0
45	0,549641	0,42857	0	9,34375	3e1d83ea-fd44-4800-b3b8-8deb83129916
48	0,456891	7,95625	0	8,63125	ea901f8f-023f-4fd1-a365-f41acef049c8
49	0,38475	7,3	0	8,63125	863d7c58-e5fa-4648-8b7b-cc5b60e054e2
50	0,38475	6,7	0	8,63125	878fddfe-981b-4b59-9be9-0b02951b4372
51	0,448875	6,05	0	8,63125	e8c353be-e945-4d67-b76c-4a8dff0f4239
52	0,448875	5,35	0	8,63125	a7760cdb-f16f-4fae-a839-1ac7ce3100de
53	0,448875	4,65	0	8,63125	9395bdc3-cfa1-4746-b4f9-15e818b11e9a
54	0,448875	3,95	0	8,63125	7150ee53-21ec-41ef-b301-373a3546ba46
55	0,38475	3,3	0	8,63125	86d475e9-6a1e-4bfb-8163-ffe62b350fd3
56	0,38475	2,7	0	8,63125	c822809c-82c3-4687-bbd9-6aa60007f4bc
57	0,494679	2,01429	0	8,63125	6bb012ad-4f29-4cf2-af47-7ad854919c4f
58	0,494679	1,24286	0	8,63125	cc7fd982-8085-48a7-8208-4abdb763f70d
59	0,549641	0,42857	0	8,63125	3352e4cf-1b8d-48b6-be75-3ff81f28edb8
61	0,456891	7,95625	0	7,91875	d25fd67b-624b-45bd-8581-d286fbc552b2

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Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
62	0,38475	7,3	0	7,91875	52eb8188-258c-43e2-bdce-df6a9d28f137
63	0,38475	6,7	0	7,91875	4c735274-0e60-40db-b86a-e5021f8fa63f
64	0,448875	6,05	0	7,91875	1ac9da76-2ea4-4d40-86bb-90f7cc99ea09
65	0,448875	5,35	0	7,91875	ba81e77f-e67f-4e8f-97ca-2c0215eeb885
66	0,448875	4,65	0	7,91875	edacffb6-57af-43ca-9b88-b3948cbac2eb
67	0,448875	3,95	0	7,91875	d8e36ab7-4f1e-4c2f-8a59-a502247f153f
68	0,38475	3,3	0	7,91875	e7bc9773-aedf-40c4-96c7-638888685261
69	0,38475	2,7	0	7,91875	ca6add65-2c59-4cb7-9c78-29443c46b47f
70	0,494679	2,01429	0	7,91875	85a93675-f260-4c63-9037-38b5c76a1d41
71	0,494679	1,24286	0	7,91875	e6881722-d024-4d2e-9012-6af59b2758dd
72	0,549641	0,42857	0	7,91875	452d4b22-21ec-4311-a608-65d1c04a8dd7
73	0,228445	7,8375	0	7,325	f80a16e6-b3cf-449c-afae-434dedfa830c
74	0,38475	7,3	0	7,20625	26619b12-c8d9-41da-b129-7e226a2f7a30
75	0,38475	6,7	0	7,20625	f43737b4-0d2e-49df-99ed-39009a9ac7a4
76	0,448875	6,05	0	7,20625	f87db583-515f-4e97-8527-0ed0004b63e9
77	0,448875	5,35	0	7,20625	0d0fa29b-f0ef-43ff-8b14-85d986b618b3
78	0,448875	4,65	0	7,20625	2993d593-80c2-4c75-8fef-141a4203a789
79	0,448875	3,95	0	7,20625	00024476-5b67-459d-8f73-c0bd41ad1f3a
80	0,38475	3,3	0	7,20625	55376a82-bdc1-4177-9cec-c9d2d89c9efd
81	0,38475	2,7	0	7,20625	08a8e617-61b3-438b-916e-52cffcfa6a6e4
82	0,494679	2,01429	0	7,20625	df91c156-b4fc-4eff-8e71-4dea48675166
83	0,494679	1,24286	0	7,20625	ecb6f788-6573-4f09-b0f7-232beac5a481
84	0,549641	0,42857	0	7,20625	23907a67-086b-409e-afa7-5965de419b3e
85	0,162	7,2	0	6,65	95562f1e-f77b-4bd3-a830-5af1c405e4cd
86	0,324	6,7	0	6,55	e1ad3882-4023-4623-8ed8-8c2e6686cb84
87	0,378	6,05	0	6,55	fbcb6ecda-78cf-42dd-8cf4-8c8b426ee05f
88	0,378	5,35	0	6,55	a5ad5d11-1d65-43d3-91a3-4cccc653bcf2
89	0,378	4,65	0	6,55	0d6eb96a-4c50-40aa-8ca2-4d5492788d8b
90	0,378	3,95	0	6,55	983684cd-2887-45a7-81c2-97e4f0266938
91	0,324	3,3	0	6,55	30845507-02be-48c8-82e2-eeb6182cd8a3
92	0,324	2,7	0	6,55	67897039-3b84-4f65-8dba-df9b5f60eddd
93	0,416572	2,01429	0	6,55	6249c2c1-61bb-4dad-a23f-1559b5f11061
94	0,416572	1,24286	0	6,55	69ccab17-87b6-422f-a902-38f2e723544b
95	0,462856	0,42857	0	6,55	c63d57e7-5069-420b-bafb-e5694d00e50f
96	0,162	6,6	0	6,05	586c625d-5471-4f02-b04a-e30235d6f50a
97	0,378	6,05	0	5,95	73eb7db9-a331-4b5a-9a5f-a1c9124ef726
98	0,378	5,35	0	5,95	b79827dc-9ce3-4a29-a637-b99715db5188
99	0,378	4,65	0	5,95	9cb4129a-63e0-4f4a-bb2d-4c4a4343430c

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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
100	0,378	3,95	0	5,95	83ac8bd9-0cce-4181-a750-c60919c887fc
101	0,324	3,3	0	5,95	d9346517-8b52-40d7-a619-4180250d185f
102	0,324	2,7	0	5,95	37039081-c95e-4831-ae9b-2ece805f936a
103	0,416572	2,01429	0	5,95	ef46b28e-3837-4dcf-82c9-ab0dbc185559
104	0,416572	1,24286	0	5,95	4616a786-bd15-47fd-bdf2-1324d3cd07bf
105	0,462856	0,42857	0	5,95	2be811d6-7864-4225-87c1-54a80b4d10ed
106	0,2205	5,93333	0	5,41667	7e5131f0-92c8-4012-863b-8c3f8bfa5146
107	0,441	5,35	0	5,3	8d72e70e-ece8-4de2-b8e2-4e1a537e38fa
108	0,441	4,65	0	5,3	47061503-31ab-4f73-8466-95cd13fc06a9
109	0,441	3,95	0	5,3	ccbddc00-e08b-4bb6-9bfe-7bbb0c3ea5e
110	0,378	3,3	0	5,3	97c5b946-d63a-4cb7-903b-0a4b91d3cfe4
111	0,378	2,7	0	5,3	609c50eb-b89a-4fdf-ae2f-b47a96d1bd23
112	0,486001	2,01429	0	5,3	e8047cf9-6bd8-407b-b943-7899a321c833
113	0,486001	1,24286	0	5,3	7c1563fd-07b7-405d-a908-5e98e1177ae9
114	0,539998	0,42857	0	5,3	172467ff-098c-473f-b879-0ab6b4bb18b0
115	0,2205	5,23333	0	4,71667	cf6779b8-b57e-4a35-911d-1e664c857092
116	0,441	4,65	0	4,6	1020938f-5322-421d-bd90-40bb06a3a73a
117	0,441	3,95	0	4,6	c48ebef6-899b-40f4-9a43-1008d67bd5d8
118	0,378	3,3	0	4,6	249afbfb-2544-451b-9ff0-395c44b00184
119	0,378	2,7	0	4,6	2a658ab4-082e-40b1-bef2-1aa5e56f0f82
120	0,486001	2,01429	0	4,6	a94c0c75-fd03-474b-9102-351cde4e1a79
121	0,486001	1,24286	0	4,6	2b53c8bd-e5c3-474d-a812-38337782f977
122	0,539998	0,42857	0	4,6	3acbc10a-44e3-42bf-baa4-c4df25fb5394
123	0,2205	4,53333	0	4,01667	d6278179-420b-4c79-a9cb-18ba7ef91202
124	0,441	3,95	0	3,9	ad43cd6d-d538-48a3-b134-1bc6b896a78a
125	0,378	3,3	0	3,9	152a96bb-d70e-4b2a-a7ca-8b08742e7555
126	0,378	2,7	0	3,9	e4f14d3e-faab-4722-964f-b98476995e71
127	0,486001	2,01429	0	3,9	dc7e55da-dea3-4bd7-b44c-09ca476515e1
128	0,486001	1,24286	0	3,9	ea1494e3-5667-46ff-a51f-3605a26fe373
129	0,539998	0,42857	0	3,9	b59f79dc-077d-455e-8ae0-c4b7059c8aef
130	0,2205	3,83333	0	3,31667	59da2424-2dec-4a2d-9b47-8b4d9377fc78
131	0,378	3,3	0	3,2	bd28ef89-f44a-482b-8661-6abfe2c7e05a
132	0,378	2,7	0	3,2	1de7e37f-818e-4fde-91e3-851d6ea022b0
133	0,486001	2,01429	0	3,2	04cc3c1a-e57d-441d-b18d-8ac394646f7c
134	0,486001	1,24286	0	3,2	d2f81f8f-edad-4192-95b7-4a2f887adb9e
135	0,539998	0,42857	0	3,2	0299c580-4c6e-43ab-82f7-d8775826def8
136	0,162	3,2	0	2,65	b841e2bb-dc5b-421c-8662-91718f9a5de6
137	0,324	2,7	0	2,55	02838de6-589d-4780-b928-9caa63fa499f





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Table: Connectivity - Area, Part 2 of 2

Area	Volume m3	CentroidX m	CentroidY m	CentroidZ m	GUID
138	0,416572	2,01429	0	2,55	cc264f1d-5e8c-4b9a-bf32-1a38bf66e4c4
139	0,416572	1,24286	0	2,55	e3a69630-f8c0-4686-99fe-f68ef5562a21
140	0,462856	0,42857	0	2,55	e2ce7132-a3e9-4fa2-8092-3c8673c29cd2
141	0,162	2,6	0	2,05	244032e3-0a09-4ca5-971d-30768d4c7b0b
142	0,416572	2,01429	0	1,95	a3413d19-0a43-4d7f-bbb8-5d21cd1c1c54
143	0,416572	1,24286	0	1,95	345d30e3-a5cb-4da1-9905-0f9b5356ba0d
144	0,462856	0,42857	0	1,95	8f299fa7-5a4d-48ac-a16b-4dba3c564e20
145	0,267797	1,88571	0	1,39286	49cf095f-563c-444d-95ee-5a3dc7c58a90
146	0,535594	1,24286	0	1,26429	98da0011-d31d-404b-a661-83596b0f6d94
147	0,595101	0,42857	0	1,26429	044c59d6-b7aa-41c5-bfb4-82daba9c7055
148	0,267797	1,11428	0	0,62143	dab55496-4cc0-4f8d-a7aa-51b482dd02c9
149	0,595101	0,42857	0	0,49286	2eac1d19-bf2c-4977-983e-9522a17f64a7
150	0,041325	0,28571	0	0,07143	401dbdc1-6eb8-4efa-9e1b-cb515fed11e9

Table: Element Forces - Area Shells, Part 1 of 4

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
4	4	Shell-Thin	7	PP	LinStatic	-0,49	-5,17	-0,42
4	4	Shell-Thin	9	PP	LinStatic	-0,58	-5,62	-0,82
4	4	Shell-Thin	10	PP	LinStatic	-0,81	-5,66	-0,52
4	4	Shell-Thin	8	PP	LinStatic	-0,72	-5,21	-0,13
4	4	Shell-Thin	7	STER	LinStatic	0	0	0
4	4	Shell-Thin	9	STER	LinStatic	0	0	0
4	4	Shell-Thin	10	STER	LinStatic	0	0	0
4	4	Shell-Thin	8	STER	LinStatic	0	0	0
4	4	Shell-Thin	7	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	9	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	10	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	8	SSOVR	LinStatic	0	0	0
4	4	Shell-Thin	7	INERZIA	LinStatic	0	0	0
4	4	Shell-Thin	9	INERZIA	LinStatic	0	0	0
4	4	Shell-Thin	10	INERZIA	LinStatic	0	0	0
4	4	Shell-Thin	8	INERZIA	LinStatic	0	0	0
4	4	Shell-Thin	7	INCRSIS	LinStatic	0	0	0
4	4	Shell-Thin	9	INCRSIS	LinStatic	0	0	0
4	4	Shell-Thin	10	INCRSIS	LinStatic	0	0	0
4	4	Shell-Thin	8	INCRSIS	LinStatic	0	0	0
5	5	Shell-Thin	9	PP	LinStatic	-4,65	-6,43	-2,4
5	5	Shell-Thin	11	PP	LinStatic	-4,34	-4,88	-3
5	5	Shell-Thin	12	PP	LinStatic	-4,02	-4,82	-1,99
5	5	Shell-Thin	10	PP	LinStatic	-4,33	-6,37	-1,39
5	5	Shell-Thin	9	STER	LinStatic	0	0	0
5	5	Shell-Thin	11	STER	LinStatic	0	0	0
5	5	Shell-Thin	12	STER	LinStatic	0	0	0
5	5	Shell-Thin	10	STER	LinStatic	0	0	0
5	5	Shell-Thin	9	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	11	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	12	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	10	SSOVR	LinStatic	0	0	0
5	5	Shell-Thin	9	INERZIA	LinStatic	0	0	0
5	5	Shell-Thin	11	INERZIA	LinStatic	0	0	0
5	5	Shell-Thin	12	INERZIA	LinStatic	0	0	0
5	5	Shell-Thin	10	INERZIA	LinStatic	0	0	0
5	5	Shell-Thin	9	INCRSIS	LinStatic	0	0	0
5	5	Shell-Thin	11	INCRSIS	LinStatic	0	0	0
5	5	Shell-Thin	12	INCRSIS	LinStatic	0	0	0

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
5	5	Shell-Thin	10	INCRSIS	LinStatic	0	0	0
6	6	Shell-Thin	11	PP	LinStatic	-10,96	-6,21	-4,13
6	6	Shell-Thin	13	PP	LinStatic	-10,53	-4,06	-4,46
6	6	Shell-Thin	14	PP	LinStatic	-11,75	-4,31	-2,59
6	6	Shell-Thin	12	PP	LinStatic	-12,18	-6,45	-2,27
6	6	Shell-Thin	11	STER	LinStatic	0	0	0
6	6	Shell-Thin	13	STER	LinStatic	0	0	0
6	6	Shell-Thin	14	STER	LinStatic	0	0	0
6	6	Shell-Thin	12	STER	LinStatic	0	0	0
6	6	Shell-Thin	11	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	13	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	14	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	12	SSOVR	LinStatic	0	0	0
6	6	Shell-Thin	11	INERZIA	LinStatic	0	0	0
6	6	Shell-Thin	13	INERZIA	LinStatic	0	0	0
6	6	Shell-Thin	14	INERZIA	LinStatic	0	0	0
6	6	Shell-Thin	12	INERZIA	LinStatic	0	0	0
6	6	Shell-Thin	11	INCRSIS	LinStatic	0	0	0
6	6	Shell-Thin	13	INCRSIS	LinStatic	0	0	0
6	6	Shell-Thin	14	INCRSIS	LinStatic	0	0	0
6	6	Shell-Thin	12	INCRSIS	LinStatic	0	0	0
7	7	Shell-Thin	13	PP	LinStatic	-18,54	-5,67	-4,38
7	7	Shell-Thin	15	PP	LinStatic	-18,08	-3,35	-4,33
7	7	Shell-Thin	16	PP	LinStatic	-22,87	-4,3	-2,79
7	7	Shell-Thin	14	PP	LinStatic	-23,34	-6,63	-2,84
7	7	Shell-Thin	13	STER	LinStatic	0	0	0
7	7	Shell-Thin	15	STER	LinStatic	0	0	0
7	7	Shell-Thin	16	STER	LinStatic	0	0	0
7	7	Shell-Thin	14	STER	LinStatic	0	0	0
7	7	Shell-Thin	13	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	15	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	16	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	14	SSOVR	LinStatic	0	0	0
7	7	Shell-Thin	13	INERZIA	LinStatic	0	0	0
7	7	Shell-Thin	15	INERZIA	LinStatic	0	0	0
7	7	Shell-Thin	16	INERZIA	LinStatic	0	0	0
7	7	Shell-Thin	14	INERZIA	LinStatic	0	0	0
7	7	Shell-Thin	13	INCRSIS	LinStatic	0	0	0
7	7	Shell-Thin	15	INCRSIS	LinStatic	0	0	0
7	7	Shell-Thin	16	INCRSIS	LinStatic	0	0	0
7	7	Shell-Thin	14	INCRSIS	LinStatic	0	0	0
8	8	Shell-Thin	15	PP	LinStatic	-26,21	-4,97	-4,1
8	8	Shell-Thin	17	PP	LinStatic	-25,83	-3,03	-3,82
8	8	Shell-Thin	18	PP	LinStatic	-34,47	-4,76	-2,09
8	8	Shell-Thin	16	PP	LinStatic	-34,85	-6,7	-2,37
8	8	Shell-Thin	15	STER	LinStatic	0	0	0
8	8	Shell-Thin	17	STER	LinStatic	0	0	0
8	8	Shell-Thin	18	STER	LinStatic	0	0	0
8	8	Shell-Thin	16	STER	LinStatic	0	0	0
8	8	Shell-Thin	15	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	17	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	18	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	16	SSOVR	LinStatic	0	0	0
8	8	Shell-Thin	15	INERZIA	LinStatic	0	0	0
8	8	Shell-Thin	17	INERZIA	LinStatic	0	0	0
8	8	Shell-Thin	18	INERZIA	LinStatic	0	0	0
8	8	Shell-Thin	16	INERZIA	LinStatic	0	0	0
8	8	Shell-Thin	15	INCRSIS	LinStatic	0	0	0
8	8	Shell-Thin	17	INCRSIS	LinStatic	0	0	0
8	8	Shell-Thin	18	INCRSIS	LinStatic	0	0	0
8	8	Shell-Thin	16	INCRSIS	LinStatic	0	0	0
9	9	Shell-Thin	17	PP	LinStatic	-32,18	-4,3	-2,87
9	9	Shell-Thin	19	PP	LinStatic	-31,9	-2,89	-2,45
9	9	Shell-Thin	20	PP	LinStatic	-43,73	-5,26	-1,55
9	9	Shell-Thin	18	PP	LinStatic	-44,02	-6,67	-1,96
9	9	Shell-Thin	17	STER	LinStatic	0	0	0
9	9	Shell-Thin	19	STER	LinStatic	0	0	0
9	9	Shell-Thin	20	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
9	9	Shell-Thin	18	STER	LinStatic	0	0	0
9	9	Shell-Thin	17	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	19	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	20	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	18	SSOVR	LinStatic	0	0	0
9	9	Shell-Thin	17	INERZIA	LinStatic	0	0	0
9	9	Shell-Thin	19	INERZIA	LinStatic	0	0	0
9	9	Shell-Thin	20	INERZIA	LinStatic	0	0	0
9	9	Shell-Thin	18	INERZIA	LinStatic	0	0	0
9	9	Shell-Thin	17	INCRSIS	LinStatic	0	0	0
9	9	Shell-Thin	19	INCRSIS	LinStatic	0	0	0
9	9	Shell-Thin	20	INCRSIS	LinStatic	0	0	0
9	9	Shell-Thin	18	INCRSIS	LinStatic	0	0	0
10	10	Shell-Thin	19	PP	LinStatic	-35,31	-3,58	-1,51
10	10	Shell-Thin	21	PP	LinStatic	-35,17	-2,87	-0,98
10	10	Shell-Thin	22	PP	LinStatic	-49,61	-5,75	-0,47
10	10	Shell-Thin	20	PP	LinStatic	-49,75	-6,46	-1,01
10	10	Shell-Thin	19	STER	LinStatic	0	0	0
10	10	Shell-Thin	21	STER	LinStatic	0	0	0
10	10	Shell-Thin	22	STER	LinStatic	0	0	0
10	10	Shell-Thin	20	STER	LinStatic	0	0	0
10	10	Shell-Thin	19	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	21	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	22	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	20	SSOVR	LinStatic	0	0	0
10	10	Shell-Thin	19	INERZIA	LinStatic	0	0	0
10	10	Shell-Thin	21	INERZIA	LinStatic	0	0	0
10	10	Shell-Thin	22	INERZIA	LinStatic	0	0	0
10	10	Shell-Thin	20	INERZIA	LinStatic	0	0	0
10	10	Shell-Thin	19	INCRSIS	LinStatic	0	0	0
10	10	Shell-Thin	21	INCRSIS	LinStatic	0	0	0
10	10	Shell-Thin	22	INCRSIS	LinStatic	0	0	0
10	10	Shell-Thin	20	INCRSIS	LinStatic	0	0	0
11	11	Shell-Thin	21	PP	LinStatic	-34,99	-2,83	0,37
11	11	Shell-Thin	23	PP	LinStatic	-35,04	-3,08	0,93
11	11	Shell-Thin	24	PP	LinStatic	-51,09	-6,29	0,66
11	11	Shell-Thin	22	PP	LinStatic	-51,05	-6,04	0,09639
11	11	Shell-Thin	21	STER	LinStatic	0	0	0
11	11	Shell-Thin	23	STER	LinStatic	0	0	0
11	11	Shell-Thin	24	STER	LinStatic	0	0	0
11	11	Shell-Thin	22	STER	LinStatic	0	0	0
11	11	Shell-Thin	21	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	23	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	24	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	22	SSOVR	LinStatic	0	0	0
11	11	Shell-Thin	21	INERZIA	LinStatic	0	0	0
11	11	Shell-Thin	23	INERZIA	LinStatic	0	0	0
11	11	Shell-Thin	24	INERZIA	LinStatic	0	0	0
11	11	Shell-Thin	22	INERZIA	LinStatic	0	0	0
11	11	Shell-Thin	21	INCRSIS	LinStatic	0	0	0
11	11	Shell-Thin	23	INCRSIS	LinStatic	0	0	0
11	11	Shell-Thin	24	INCRSIS	LinStatic	0	0	0
11	11	Shell-Thin	22	INCRSIS	LinStatic	0	0	0
12	12	Shell-Thin	23	PP	LinStatic	-30,21	-2,11	2,54
12	12	Shell-Thin	25	PP	LinStatic	-30,41	-3,14	3,9
12	12	Shell-Thin	26	PP	LinStatic	-48,13	-6,68	2,13
12	12	Shell-Thin	24	PP	LinStatic	-47,92	-5,65	0,77
12	12	Shell-Thin	23	STER	LinStatic	0	0	0
12	12	Shell-Thin	25	STER	LinStatic	0	0	0
12	12	Shell-Thin	26	STER	LinStatic	0	0	0
12	12	Shell-Thin	24	STER	LinStatic	0	0	0
12	12	Shell-Thin	23	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	25	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	26	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	24	SSOVR	LinStatic	0	0	0
12	12	Shell-Thin	23	INERZIA	LinStatic	0	0	0
12	12	Shell-Thin	25	INERZIA	LinStatic	0	0	0
12	12	Shell-Thin	26	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
12	12	Shell-Thin	24	INERZIA	LinStatic	0	0	0
12	12	Shell-Thin	23	INCRSIS	LinStatic	0	0	0
12	12	Shell-Thin	25	INCRSIS	LinStatic	0	0	0
12	12	Shell-Thin	26	INCRSIS	LinStatic	0	0	0
12	12	Shell-Thin	24	INCRSIS	LinStatic	0	0	0
13	13	Shell-Thin	25	PP	LinStatic	-19,55	-0,97	5,45
13	13	Shell-Thin	27	PP	LinStatic	-20,19	-4,17	6,45
13	13	Shell-Thin	28	PP	LinStatic	-35,18	-7,17	5,4
13	13	Shell-Thin	26	PP	LinStatic	-34,54	-3,97	4,39
13	13	Shell-Thin	25	STER	LinStatic	0	0	0
13	13	Shell-Thin	27	STER	LinStatic	0	0	0
13	13	Shell-Thin	28	STER	LinStatic	0	0	0
13	13	Shell-Thin	26	STER	LinStatic	0	0	0
13	13	Shell-Thin	25	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	27	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	28	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	26	SSOVR	LinStatic	0	0	0
13	13	Shell-Thin	25	INERZIA	LinStatic	0	0	0
13	13	Shell-Thin	27	INERZIA	LinStatic	0	0	0
13	13	Shell-Thin	28	INERZIA	LinStatic	0	0	0
13	13	Shell-Thin	26	INERZIA	LinStatic	0	0	0
13	13	Shell-Thin	25	INCRSIS	LinStatic	0	0	0
13	13	Shell-Thin	27	INCRSIS	LinStatic	0	0	0
13	13	Shell-Thin	28	INCRSIS	LinStatic	0	0	0
13	13	Shell-Thin	26	INCRSIS	LinStatic	0	0	0
14	14	Shell-Thin	27	PP	LinStatic	10	1,87	11,93
14	14	Shell-Thin	29	PP	LinStatic	8,34	-6,42	18,29
14	14	Shell-Thin	30	PP	LinStatic	-11,35	-10,36	8,86
14	14	Shell-Thin	28	PP	LinStatic	-9,7	-2,07	2,5
14	14	Shell-Thin	27	STER	LinStatic	0	0	0
14	14	Shell-Thin	29	STER	LinStatic	0	0	0
14	14	Shell-Thin	30	STER	LinStatic	0	0	0
14	14	Shell-Thin	28	STER	LinStatic	0	0	0
14	14	Shell-Thin	27	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	29	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	30	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	28	SSOVR	LinStatic	0	0	0
14	14	Shell-Thin	27	INERZIA	LinStatic	0	0	0
14	14	Shell-Thin	29	INERZIA	LinStatic	0	0	0
14	14	Shell-Thin	30	INERZIA	LinStatic	0	0	0
14	14	Shell-Thin	28	INERZIA	LinStatic	0	0	0
14	14	Shell-Thin	27	INCRSIS	LinStatic	0	0	0
14	14	Shell-Thin	29	INCRSIS	LinStatic	0	0	0
14	14	Shell-Thin	30	INCRSIS	LinStatic	0	0	0
14	14	Shell-Thin	28	INCRSIS	LinStatic	0	0	0
15	15	Shell-Thin	29	PP	LinStatic	29,61	-2,17	39,15
15	15	Shell-Thin	31	PP	LinStatic	31,29	6,26	30
15	15	Shell-Thin	32	PP	LinStatic	95,84	19,17	21,68
15	15	Shell-Thin	30	PP	LinStatic	94,15	10,74	30,83
15	15	Shell-Thin	29	STER	LinStatic	0	0	0
15	15	Shell-Thin	31	STER	LinStatic	0	0	0
15	15	Shell-Thin	32	STER	LinStatic	0	0	0
15	15	Shell-Thin	30	STER	LinStatic	0	0	0
15	15	Shell-Thin	29	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	31	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	32	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	30	SSOVR	LinStatic	0	0	0
15	15	Shell-Thin	29	INERZIA	LinStatic	0	0	0
15	15	Shell-Thin	31	INERZIA	LinStatic	0	0	0
15	15	Shell-Thin	32	INERZIA	LinStatic	0	0	0
15	15	Shell-Thin	30	INERZIA	LinStatic	0	0	0
15	15	Shell-Thin	29	INCRSIS	LinStatic	0	0	0
15	15	Shell-Thin	31	INCRSIS	LinStatic	0	0	0
15	15	Shell-Thin	32	INCRSIS	LinStatic	0	0	0
15	15	Shell-Thin	30	INCRSIS	LinStatic	0	0	0
19	19	Shell-Thin	36	PP	LinStatic	0,09676	-16,23	-2,25
19	19	Shell-Thin	37	PP	LinStatic	-0,22	-17,83	-3,2
19	19	Shell-Thin	9	PP	LinStatic	-3,14	-18,42	-2,04



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
19	19	Shell-Thin	7	PP	LinStatic	-2,81	-16,81	-1,1
19	19	Shell-Thin	36	STER	LinStatic	0	0	0
19	19	Shell-Thin	37	STER	LinStatic	0	0	0
19	19	Shell-Thin	9	STER	LinStatic	0	0	0
19	19	Shell-Thin	7	STER	LinStatic	0	0	0
19	19	Shell-Thin	36	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	37	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	9	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	7	SSOVR	LinStatic	0	0	0
19	19	Shell-Thin	36	INERZIA	LinStatic	0	0	0
19	19	Shell-Thin	37	INERZIA	LinStatic	0	0	0
19	19	Shell-Thin	9	INERZIA	LinStatic	0	0	0
19	19	Shell-Thin	7	INERZIA	LinStatic	0	0	0
19	19	Shell-Thin	36	INCRSIS	LinStatic	0	0	0
19	19	Shell-Thin	37	INCRSIS	LinStatic	0	0	0
19	19	Shell-Thin	9	INCRSIS	LinStatic	0	0	0
19	19	Shell-Thin	7	INCRSIS	LinStatic	0	0	0
20	20	Shell-Thin	37	PP	LinStatic	-5	-18,79	-6,87
20	20	Shell-Thin	38	PP	LinStatic	-4,47	-16,17	-8,92
20	20	Shell-Thin	11	PP	LinStatic	-6,68	-16,61	-5,68
20	20	Shell-Thin	9	PP	LinStatic	-7,21	-19,23	-3,63
20	20	Shell-Thin	37	STER	LinStatic	0	0	0
20	20	Shell-Thin	38	STER	LinStatic	0	0	0
20	20	Shell-Thin	11	STER	LinStatic	0	0	0
20	20	Shell-Thin	9	STER	LinStatic	0	0	0
20	20	Shell-Thin	37	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	38	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	11	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	9	SSOVR	LinStatic	0	0	0
20	20	Shell-Thin	37	INERZIA	LinStatic	0	0	0
20	20	Shell-Thin	38	INERZIA	LinStatic	0	0	0
20	20	Shell-Thin	11	INERZIA	LinStatic	0	0	0
20	20	Shell-Thin	9	INERZIA	LinStatic	0	0	0
20	20	Shell-Thin	37	INCRSIS	LinStatic	0	0	0
20	20	Shell-Thin	38	INCRSIS	LinStatic	0	0	0
20	20	Shell-Thin	11	INCRSIS	LinStatic	0	0	0
20	20	Shell-Thin	9	INCRSIS	LinStatic	0	0	0
21	21	Shell-Thin	38	PP	LinStatic	-10,66	-17,4	-9,79
21	21	Shell-Thin	39	PP	LinStatic	-10,06	-14,38	-10,48
21	21	Shell-Thin	13	PP	LinStatic	-12,7	-14,91	-7,5
21	21	Shell-Thin	11	PP	LinStatic	-13,31	-17,93	-6,82
21	21	Shell-Thin	38	STER	LinStatic	0	0	0
21	21	Shell-Thin	39	STER	LinStatic	0	0	0
21	21	Shell-Thin	13	STER	LinStatic	0	0	0
21	21	Shell-Thin	11	STER	LinStatic	0	0	0
21	21	Shell-Thin	38	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	39	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	13	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	11	SSOVR	LinStatic	0	0	0
21	21	Shell-Thin	38	INERZIA	LinStatic	0	0	0
21	21	Shell-Thin	39	INERZIA	LinStatic	0	0	0
21	21	Shell-Thin	13	INERZIA	LinStatic	0	0	0
21	21	Shell-Thin	11	INERZIA	LinStatic	0	0	0
21	21	Shell-Thin	38	INCRSIS	LinStatic	0	0	0
21	21	Shell-Thin	39	INCRSIS	LinStatic	0	0	0
21	21	Shell-Thin	13	INCRSIS	LinStatic	0	0	0
21	21	Shell-Thin	11	INCRSIS	LinStatic	0	0	0
22	22	Shell-Thin	39	PP	LinStatic	-16,26	-15,62	-10,71
22	22	Shell-Thin	40	PP	LinStatic	-15,79	-13,26	-10,5
22	22	Shell-Thin	15	PP	LinStatic	-20,24	-14,15	-7,22
22	22	Shell-Thin	13	PP	LinStatic	-20,71	-16,51	-7,43
22	22	Shell-Thin	39	STER	LinStatic	0	0	0
22	22	Shell-Thin	40	STER	LinStatic	0	0	0
22	22	Shell-Thin	15	STER	LinStatic	0	0	0
22	22	Shell-Thin	13	STER	LinStatic	0	0	0
22	22	Shell-Thin	39	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	40	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	15	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
22	22	Shell-Thin	13	SSOVR	LinStatic	0	0	0
22	22	Shell-Thin	39	INERZIA	LinStatic	0	0	0
22	22	Shell-Thin	40	INERZIA	LinStatic	0	0	0
22	22	Shell-Thin	15	INERZIA	LinStatic	0	0	0
22	22	Shell-Thin	13	INERZIA	LinStatic	0	0	0
22	22	Shell-Thin	39	INCRSIS	LinStatic	0	0	0
22	22	Shell-Thin	40	INCRSIS	LinStatic	0	0	0
22	22	Shell-Thin	15	INCRSIS	LinStatic	0	0	0
22	22	Shell-Thin	13	INCRSIS	LinStatic	0	0	0
23	23	Shell-Thin	40	PP	LinStatic	-21,34	-14,37	-9,42
23	23	Shell-Thin	41	PP	LinStatic	-20,97	-12,52	-8,51
23	23	Shell-Thin	17	PP	LinStatic	-28,01	-13,93	-6,08
23	23	Shell-Thin	15	PP	LinStatic	-28,38	-15,78	-6,99
23	23	Shell-Thin	40	STER	LinStatic	0	0	0
23	23	Shell-Thin	41	STER	LinStatic	0	0	0
23	23	Shell-Thin	17	STER	LinStatic	0	0	0
23	23	Shell-Thin	15	STER	LinStatic	0	0	0
23	23	Shell-Thin	40	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	41	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	17	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	15	SSOVR	LinStatic	0	0	0
23	23	Shell-Thin	40	INERZIA	LinStatic	0	0	0
23	23	Shell-Thin	41	INERZIA	LinStatic	0	0	0
23	23	Shell-Thin	17	INERZIA	LinStatic	0	0	0
23	23	Shell-Thin	15	INERZIA	LinStatic	0	0	0
23	23	Shell-Thin	40	INCRSIS	LinStatic	0	0	0
23	23	Shell-Thin	41	INCRSIS	LinStatic	0	0	0
23	23	Shell-Thin	17	INCRSIS	LinStatic	0	0	0
23	23	Shell-Thin	15	INCRSIS	LinStatic	0	0	0
24	24	Shell-Thin	41	PP	LinStatic	-25,14	-13,35	-7,09
24	24	Shell-Thin	42	PP	LinStatic	-24,89	-12,09	-5,67
24	24	Shell-Thin	19	PP	LinStatic	-34,11	-13,94	-3,71
24	24	Shell-Thin	17	PP	LinStatic	-34,36	-15,2	-5,13
24	24	Shell-Thin	41	STER	LinStatic	0	0	0
24	24	Shell-Thin	42	STER	LinStatic	0	0	0
24	24	Shell-Thin	19	STER	LinStatic	0	0	0
24	24	Shell-Thin	17	STER	LinStatic	0	0	0
24	24	Shell-Thin	41	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	42	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	19	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	17	SSOVR	LinStatic	0	0	0
24	24	Shell-Thin	41	INERZIA	LinStatic	0	0	0
24	24	Shell-Thin	42	INERZIA	LinStatic	0	0	0
24	24	Shell-Thin	19	INERZIA	LinStatic	0	0	0
24	24	Shell-Thin	17	INERZIA	LinStatic	0	0	0
24	24	Shell-Thin	41	INCRSIS	LinStatic	0	0	0
24	24	Shell-Thin	42	INCRSIS	LinStatic	0	0	0
24	24	Shell-Thin	19	INCRSIS	LinStatic	0	0	0
24	24	Shell-Thin	17	INCRSIS	LinStatic	0	0	0
25	25	Shell-Thin	42	PP	LinStatic	-26,82	-12,48	-3,01
25	25	Shell-Thin	43	PP	LinStatic	-26,63	-11,53	-1,39
25	25	Shell-Thin	21	PP	LinStatic	-37,33	-13,67	-1,15
25	25	Shell-Thin	19	PP	LinStatic	-37,52	-14,62	-2,77
25	25	Shell-Thin	42	STER	LinStatic	0	0	0
25	25	Shell-Thin	43	STER	LinStatic	0	0	0
25	25	Shell-Thin	21	STER	LinStatic	0	0	0
25	25	Shell-Thin	19	STER	LinStatic	0	0	0
25	25	Shell-Thin	42	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	43	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	21	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	19	SSOVR	LinStatic	0	0	0
25	25	Shell-Thin	42	INERZIA	LinStatic	0	0	0
25	25	Shell-Thin	43	INERZIA	LinStatic	0	0	0
25	25	Shell-Thin	21	INERZIA	LinStatic	0	0	0
25	25	Shell-Thin	19	INERZIA	LinStatic	0	0	0
25	25	Shell-Thin	42	INCRSIS	LinStatic	0	0	0
25	25	Shell-Thin	43	INCRSIS	LinStatic	0	0	0
25	25	Shell-Thin	21	INCRSIS	LinStatic	0	0	0

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
25	25	Shell-Thin	19	INCRSIS	LinStatic	0	0	0
26	26	Shell-Thin	43	PP	LinStatic	-25,65	-11,33	1,38
26	26	Shell-Thin	44	PP	LinStatic	-25,64	-11,29	3,9
26	26	Shell-Thin	23	PP	LinStatic	-37,14	-13,59	2,72
26	26	Shell-Thin	21	PP	LinStatic	-37,15	-13,63	0,2
26	26	Shell-Thin	43	STER	LinStatic	0	0	0
26	26	Shell-Thin	44	STER	LinStatic	0	0	0
26	26	Shell-Thin	23	STER	LinStatic	0	0	0
26	26	Shell-Thin	21	STER	LinStatic	0	0	0
26	26	Shell-Thin	43	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	44	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	23	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	21	SSOVR	LinStatic	0	0	0
26	26	Shell-Thin	43	INERZIA	LinStatic	0	0	0
26	26	Shell-Thin	44	INERZIA	LinStatic	0	0	0
26	26	Shell-Thin	23	INERZIA	LinStatic	0	0	0
26	26	Shell-Thin	21	INERZIA	LinStatic	0	0	0
26	26	Shell-Thin	43	INCRSIS	LinStatic	0	0	0
26	26	Shell-Thin	44	INCRSIS	LinStatic	0	0	0
26	26	Shell-Thin	23	INCRSIS	LinStatic	0	0	0
26	26	Shell-Thin	21	INCRSIS	LinStatic	0	0	0
27	27	Shell-Thin	44	PP	LinStatic	-22,02	-10,57	7,14
27	27	Shell-Thin	45	PP	LinStatic	-21,95	-10,22	9,94
27	27	Shell-Thin	25	PP	LinStatic	-32,24	-12,28	7,13
27	27	Shell-Thin	23	PP	LinStatic	-32,31	-12,62	4,33
27	27	Shell-Thin	44	STER	LinStatic	0	0	0
27	27	Shell-Thin	45	STER	LinStatic	0	0	0
27	27	Shell-Thin	25	STER	LinStatic	0	0	0
27	27	Shell-Thin	23	STER	LinStatic	0	0	0
27	27	Shell-Thin	44	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	45	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	25	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	23	SSOVR	LinStatic	0	0	0
27	27	Shell-Thin	44	INERZIA	LinStatic	0	0	0
27	27	Shell-Thin	45	INERZIA	LinStatic	0	0	0
27	27	Shell-Thin	25	INERZIA	LinStatic	0	0	0
27	27	Shell-Thin	23	INERZIA	LinStatic	0	0	0
27	27	Shell-Thin	44	INCRSIS	LinStatic	0	0	0
27	27	Shell-Thin	45	INCRSIS	LinStatic	0	0	0
27	27	Shell-Thin	25	INCRSIS	LinStatic	0	0	0
27	27	Shell-Thin	23	INCRSIS	LinStatic	0	0	0
28	28	Shell-Thin	45	PP	LinStatic	-11,82	-8,2	14,81
28	28	Shell-Thin	46	PP	LinStatic	-12,4	-11,08	20,67
28	28	Shell-Thin	27	PP	LinStatic	-21,96	-13	14,54
28	28	Shell-Thin	25	PP	LinStatic	-21,38	-10,11	8,67
28	28	Shell-Thin	45	STER	LinStatic	0	0	0
28	28	Shell-Thin	46	STER	LinStatic	0	0	0
28	28	Shell-Thin	27	STER	LinStatic	0	0	0
28	28	Shell-Thin	25	STER	LinStatic	0	0	0
28	28	Shell-Thin	45	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	46	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	27	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	25	SSOVR	LinStatic	0	0	0
28	28	Shell-Thin	45	INERZIA	LinStatic	0	0	0
28	28	Shell-Thin	46	INERZIA	LinStatic	0	0	0
28	28	Shell-Thin	27	INERZIA	LinStatic	0	0	0
28	28	Shell-Thin	25	INERZIA	LinStatic	0	0	0
28	28	Shell-Thin	45	INCRSIS	LinStatic	0	0	0
28	28	Shell-Thin	46	INCRSIS	LinStatic	0	0	0
28	28	Shell-Thin	27	INCRSIS	LinStatic	0	0	0
28	28	Shell-Thin	25	INCRSIS	LinStatic	0	0	0
29	29	Shell-Thin	46	PP	LinStatic	-2,05	-9,01	29,64
29	29	Shell-Thin	47	PP	LinStatic	-0,01628	1,14	41,69
29	29	Shell-Thin	29	PP	LinStatic	10,26	3,19	32,08
29	29	Shell-Thin	27	PP	LinStatic	8,23	-6,96	20,02
29	29	Shell-Thin	46	STER	LinStatic	0	0	0
29	29	Shell-Thin	47	STER	LinStatic	0	0	0
29	29	Shell-Thin	29	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
29	29	Shell-Thin	27	STER	LinStatic	0	0	0
29	29	Shell-Thin	46	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	47	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	29	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	27	SSOVR	LinStatic	0	0	0
29	29	Shell-Thin	46	INERZIA	LinStatic	0	0	0
29	29	Shell-Thin	47	INERZIA	LinStatic	0	0	0
29	29	Shell-Thin	29	INERZIA	LinStatic	0	0	0
29	29	Shell-Thin	27	INERZIA	LinStatic	0	0	0
29	29	Shell-Thin	46	INCRSIS	LinStatic	0	0	0
29	29	Shell-Thin	47	INCRSIS	LinStatic	0	0	0
29	29	Shell-Thin	29	INCRSIS	LinStatic	0	0	0
29	29	Shell-Thin	27	INCRSIS	LinStatic	0	0	0
30	30	Shell-Thin	47	PP	LinStatic	7,61	2,66	60,26
30	30	Shell-Thin	48	PP	LinStatic	7,37	1,47	37,32
30	30	Shell-Thin	31	PP	LinStatic	31,29	6,26	30
30	30	Shell-Thin	29	PP	LinStatic	31,53	7,44	52,94
30	30	Shell-Thin	47	STER	LinStatic	0	0	0
30	30	Shell-Thin	48	STER	LinStatic	0	0	0
30	30	Shell-Thin	31	STER	LinStatic	0	0	0
30	30	Shell-Thin	29	STER	LinStatic	0	0	0
30	30	Shell-Thin	47	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	48	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	31	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	29	SSOVR	LinStatic	0	0	0
30	30	Shell-Thin	47	INERZIA	LinStatic	0	0	0
30	30	Shell-Thin	48	INERZIA	LinStatic	0	0	0
30	30	Shell-Thin	31	INERZIA	LinStatic	0	0	0
30	30	Shell-Thin	29	INERZIA	LinStatic	0	0	0
30	30	Shell-Thin	47	INCRSIS	LinStatic	0	0	0
30	30	Shell-Thin	48	INCRSIS	LinStatic	0	0	0
30	30	Shell-Thin	31	INCRSIS	LinStatic	0	0	0
30	30	Shell-Thin	29	INCRSIS	LinStatic	0	0	0
34	34	Shell-Thin	51	PP	LinStatic	1,17	-35,93	-4,8
34	34	Shell-Thin	52	PP	LinStatic	1,2	-35,8	-6,96
34	34	Shell-Thin	37	PP	LinStatic	-4,03	-36,84	-5,42
34	34	Shell-Thin	36	PP	LinStatic	-4,05	-36,98	-3,26
34	34	Shell-Thin	51	STER	LinStatic	0	0	0
34	34	Shell-Thin	52	STER	LinStatic	0	0	0
34	34	Shell-Thin	37	STER	LinStatic	0	0	0
34	34	Shell-Thin	36	STER	LinStatic	0	0	0
34	34	Shell-Thin	51	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	52	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	37	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	36	SSOVR	LinStatic	0	0	0
34	34	Shell-Thin	51	INERZIA	LinStatic	0	0	0
34	34	Shell-Thin	52	INERZIA	LinStatic	0	0	0
34	34	Shell-Thin	37	INERZIA	LinStatic	0	0	0
34	34	Shell-Thin	36	INERZIA	LinStatic	0	0	0
34	34	Shell-Thin	51	INCRSIS	LinStatic	0	0	0
34	34	Shell-Thin	52	INCRSIS	LinStatic	0	0	0
34	34	Shell-Thin	37	INCRSIS	LinStatic	0	0	0
34	34	Shell-Thin	36	INCRSIS	LinStatic	0	0	0
35	35	Shell-Thin	52	PP	LinStatic	-5	-37,04	-11,35
35	35	Shell-Thin	53	PP	LinStatic	-3,78	-30,91	-13,78
35	35	Shell-Thin	38	PP	LinStatic	-7,58	-31,67	-11,53
35	35	Shell-Thin	37	PP	LinStatic	-8,8	-37,8	-9,1
35	35	Shell-Thin	52	STER	LinStatic	0	0	0
35	35	Shell-Thin	53	STER	LinStatic	0	0	0
35	35	Shell-Thin	38	STER	LinStatic	0	0	0
35	35	Shell-Thin	37	STER	LinStatic	0	0	0
35	35	Shell-Thin	52	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	53	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	38	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	37	SSOVR	LinStatic	0	0	0
35	35	Shell-Thin	52	INERZIA	LinStatic	0	0	0
35	35	Shell-Thin	53	INERZIA	LinStatic	0	0	0
35	35	Shell-Thin	38	INERZIA	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
35	35	Shell-Thin	37	INERZIA	LinStatic	0	0	0
35	35	Shell-Thin	52	INCRSIS	LinStatic	0	0	0
35	35	Shell-Thin	53	INCRSIS	LinStatic	0	0	0
35	35	Shell-Thin	38	INCRSIS	LinStatic	0	0	0
35	35	Shell-Thin	37	INCRSIS	LinStatic	0	0	0
36	36	Shell-Thin	53	PP	LinStatic	-9,11	-31,98	-14,35
36	36	Shell-Thin	54	PP	LinStatic	-8,22	-27,54	-14,8
36	36	Shell-Thin	39	PP	LinStatic	-12,87	-28,47	-12,86
36	36	Shell-Thin	38	PP	LinStatic	-13,76	-32,91	-12,4
36	36	Shell-Thin	53	STER	LinStatic	0	0	0
36	36	Shell-Thin	54	STER	LinStatic	0	0	0
36	36	Shell-Thin	39	STER	LinStatic	0	0	0
36	36	Shell-Thin	38	STER	LinStatic	0	0	0
36	36	Shell-Thin	53	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	54	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	39	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	38	SSOVR	LinStatic	0	0	0
36	36	Shell-Thin	53	INERZIA	LinStatic	0	0	0
36	36	Shell-Thin	54	INERZIA	LinStatic	0	0	0
36	36	Shell-Thin	39	INERZIA	LinStatic	0	0	0
36	36	Shell-Thin	38	INERZIA	LinStatic	0	0	0
36	36	Shell-Thin	53	INCRSIS	LinStatic	0	0	0
36	36	Shell-Thin	54	INCRSIS	LinStatic	0	0	0
36	36	Shell-Thin	39	INCRSIS	LinStatic	0	0	0
36	36	Shell-Thin	38	INCRSIS	LinStatic	0	0	0
37	37	Shell-Thin	54	PP	LinStatic	-12,14	-28,32	-14,47
37	37	Shell-Thin	55	PP	LinStatic	-11,44	-24,8	-13,89
37	37	Shell-Thin	40	PP	LinStatic	-18,38	-26,19	-12,51
37	37	Shell-Thin	39	PP	LinStatic	-19,08	-29,71	-13,09
37	37	Shell-Thin	54	STER	LinStatic	0	0	0
37	37	Shell-Thin	55	STER	LinStatic	0	0	0
37	37	Shell-Thin	40	STER	LinStatic	0	0	0
37	37	Shell-Thin	39	STER	LinStatic	0	0	0
37	37	Shell-Thin	54	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	55	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	40	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	39	SSOVR	LinStatic	0	0	0
37	37	Shell-Thin	54	INERZIA	LinStatic	0	0	0
37	37	Shell-Thin	55	INERZIA	LinStatic	0	0	0
37	37	Shell-Thin	40	INERZIA	LinStatic	0	0	0
37	37	Shell-Thin	39	INERZIA	LinStatic	0	0	0
37	37	Shell-Thin	54	INCRSIS	LinStatic	0	0	0
37	37	Shell-Thin	55	INCRSIS	LinStatic	0	0	0
37	37	Shell-Thin	40	INCRSIS	LinStatic	0	0	0
37	37	Shell-Thin	39	INCRSIS	LinStatic	0	0	0
38	38	Shell-Thin	55	PP	LinStatic	-15,09	-25,53	-12,99
38	38	Shell-Thin	56	PP	LinStatic	-14,59	-23,06	-11,63
38	38	Shell-Thin	41	PP	LinStatic	-23,44	-24,83	-10,07
38	38	Shell-Thin	40	PP	LinStatic	-23,93	-27,3	-11,43
38	38	Shell-Thin	55	STER	LinStatic	0	0	0
38	38	Shell-Thin	56	STER	LinStatic	0	0	0
38	38	Shell-Thin	41	STER	LinStatic	0	0	0
38	38	Shell-Thin	40	STER	LinStatic	0	0	0
38	38	Shell-Thin	55	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	56	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	41	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	40	SSOVR	LinStatic	0	0	0
38	38	Shell-Thin	55	INERZIA	LinStatic	0	0	0
38	38	Shell-Thin	56	INERZIA	LinStatic	0	0	0
38	38	Shell-Thin	41	INERZIA	LinStatic	0	0	0
38	38	Shell-Thin	40	INERZIA	LinStatic	0	0	0
38	38	Shell-Thin	55	INCRSIS	LinStatic	0	0	0
38	38	Shell-Thin	56	INCRSIS	LinStatic	0	0	0
38	38	Shell-Thin	41	INCRSIS	LinStatic	0	0	0
38	38	Shell-Thin	40	INCRSIS	LinStatic	0	0	0
39	39	Shell-Thin	56	PP	LinStatic	-17,15	-23,57	-9,23
39	39	Shell-Thin	57	PP	LinStatic	-16,69	-21,28	-6,96
39	39	Shell-Thin	42	PP	LinStatic	-27,15	-23,37	-6,38

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
39	39	Shell-Thin	41	PP	LinStatic	-27,6	-25,66	-8,65
39	39	Shell-Thin	56	STER	LinStatic	0	0	0
39	39	Shell-Thin	57	STER	LinStatic	0	0	0
39	39	Shell-Thin	42	STER	LinStatic	0	0	0
39	39	Shell-Thin	41	STER	LinStatic	0	0	0
39	39	Shell-Thin	56	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	57	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	42	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	41	SSOVR	LinStatic	0	0	0
39	39	Shell-Thin	56	INERZIA	LinStatic	0	0	0
39	39	Shell-Thin	57	INERZIA	LinStatic	0	0	0
39	39	Shell-Thin	42	INERZIA	LinStatic	0	0	0
39	39	Shell-Thin	41	INERZIA	LinStatic	0	0	0
39	39	Shell-Thin	56	INCRSIS	LinStatic	0	0	0
39	39	Shell-Thin	57	INCRSIS	LinStatic	0	0	0
39	39	Shell-Thin	42	INCRSIS	LinStatic	0	0	0
39	39	Shell-Thin	41	INCRSIS	LinStatic	0	0	0
40	40	Shell-Thin	57	PP	LinStatic	-17,9	-21,52	-3,94
40	40	Shell-Thin	58	PP	LinStatic	-17,54	-19,69	-1,08
40	40	Shell-Thin	43	PP	LinStatic	-28,71	-21,93	-0,86
40	40	Shell-Thin	42	PP	LinStatic	-29,07	-23,76	-3,72
40	40	Shell-Thin	57	STER	LinStatic	0	0	0
40	40	Shell-Thin	58	STER	LinStatic	0	0	0
40	40	Shell-Thin	43	STER	LinStatic	0	0	0
40	40	Shell-Thin	42	STER	LinStatic	0	0	0
40	40	Shell-Thin	57	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	58	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	43	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	42	SSOVR	LinStatic	0	0	0
40	40	Shell-Thin	57	INERZIA	LinStatic	0	0	0
40	40	Shell-Thin	58	INERZIA	LinStatic	0	0	0
40	40	Shell-Thin	43	INERZIA	LinStatic	0	0	0
40	40	Shell-Thin	42	INERZIA	LinStatic	0	0	0
40	40	Shell-Thin	57	INCRSIS	LinStatic	0	0	0
40	40	Shell-Thin	58	INCRSIS	LinStatic	0	0	0
40	40	Shell-Thin	43	INCRSIS	LinStatic	0	0	0
40	40	Shell-Thin	42	INCRSIS	LinStatic	0	0	0
41	41	Shell-Thin	58	PP	LinStatic	-17,36	-19,66	3,02
41	41	Shell-Thin	59	PP	LinStatic	-16,96	-17,65	6,49
41	41	Shell-Thin	44	PP	LinStatic	-27,33	-19,73	5,37
41	41	Shell-Thin	43	PP	LinStatic	-27,73	-21,73	1,91
41	41	Shell-Thin	58	STER	LinStatic	0	0	0
41	41	Shell-Thin	59	STER	LinStatic	0	0	0
41	41	Shell-Thin	44	STER	LinStatic	0	0	0
41	41	Shell-Thin	43	STER	LinStatic	0	0	0
41	41	Shell-Thin	58	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	59	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	44	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	43	SSOVR	LinStatic	0	0	0
41	41	Shell-Thin	58	INERZIA	LinStatic	0	0	0
41	41	Shell-Thin	59	INERZIA	LinStatic	0	0	0
41	41	Shell-Thin	44	INERZIA	LinStatic	0	0	0
41	41	Shell-Thin	43	INERZIA	LinStatic	0	0	0
41	41	Shell-Thin	58	INCRSIS	LinStatic	0	0	0
41	41	Shell-Thin	59	INCRSIS	LinStatic	0	0	0
41	41	Shell-Thin	44	INCRSIS	LinStatic	0	0	0
41	41	Shell-Thin	43	INCRSIS	LinStatic	0	0	0
42	42	Shell-Thin	59	PP	LinStatic	-15,26	-17,31	10
42	42	Shell-Thin	60	PP	LinStatic	-14,98	-15,93	15,44
42	42	Shell-Thin	45	PP	LinStatic	-23,43	-17,62	14,06
42	42	Shell-Thin	44	PP	LinStatic	-23,71	-19	8,62
42	42	Shell-Thin	59	STER	LinStatic	0	0	0
42	42	Shell-Thin	60	STER	LinStatic	0	0	0
42	42	Shell-Thin	45	STER	LinStatic	0	0	0
42	42	Shell-Thin	44	STER	LinStatic	0	0	0
42	42	Shell-Thin	59	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	60	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	45	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
42	42	Shell-Thin	44	SSOVR	LinStatic	0	0	0
42	42	Shell-Thin	59	INERZIA	LinStatic	0	0	0
42	42	Shell-Thin	60	INERZIA	LinStatic	0	0	0
42	42	Shell-Thin	45	INERZIA	LinStatic	0	0	0
42	42	Shell-Thin	44	INERZIA	LinStatic	0	0	0
42	42	Shell-Thin	59	INCRSIS	LinStatic	0	0	0
42	42	Shell-Thin	60	INCRSIS	LinStatic	0	0	0
42	42	Shell-Thin	45	INCRSIS	LinStatic	0	0	0
42	42	Shell-Thin	44	INCRSIS	LinStatic	0	0	0
43	43	Shell-Thin	60	PP	LinStatic	-13,27	-15,59	22,26
43	43	Shell-Thin	61	PP	LinStatic	-12,17	-10,07	28,78
43	43	Shell-Thin	46	PP	LinStatic	-12,2	-10,08	25,44
43	43	Shell-Thin	45	PP	LinStatic	-13,3	-15,6	18,92
43	43	Shell-Thin	60	STER	LinStatic	0	0	0
43	43	Shell-Thin	61	STER	LinStatic	0	0	0
43	43	Shell-Thin	46	STER	LinStatic	0	0	0
43	43	Shell-Thin	45	STER	LinStatic	0	0	0
43	43	Shell-Thin	60	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	61	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	46	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	45	SSOVR	LinStatic	0	0	0
43	43	Shell-Thin	60	INERZIA	LinStatic	0	0	0
43	43	Shell-Thin	61	INERZIA	LinStatic	0	0	0
43	43	Shell-Thin	46	INERZIA	LinStatic	0	0	0
43	43	Shell-Thin	45	INERZIA	LinStatic	0	0	0
43	43	Shell-Thin	60	INCRSIS	LinStatic	0	0	0
43	43	Shell-Thin	61	INCRSIS	LinStatic	0	0	0
43	43	Shell-Thin	46	INCRSIS	LinStatic	0	0	0
43	43	Shell-Thin	45	INCRSIS	LinStatic	0	0	0
44	44	Shell-Thin	61	PP	LinStatic	-11,85	-10,01	34,92
44	44	Shell-Thin	62	PP	LinStatic	-9,87	-0,13	44,84
44	44	Shell-Thin	47	PP	LinStatic	0,13	1,87	44,33
44	44	Shell-Thin	46	PP	LinStatic	-1,84	-8,01	34,41
44	44	Shell-Thin	61	STER	LinStatic	0	0	0
44	44	Shell-Thin	62	STER	LinStatic	0	0	0
44	44	Shell-Thin	47	STER	LinStatic	0	0	0
44	44	Shell-Thin	46	STER	LinStatic	0	0	0
44	44	Shell-Thin	61	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	62	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	47	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	46	SSOVR	LinStatic	0	0	0
44	44	Shell-Thin	61	INERZIA	LinStatic	0	0	0
44	44	Shell-Thin	62	INERZIA	LinStatic	0	0	0
44	44	Shell-Thin	47	INERZIA	LinStatic	0	0	0
44	44	Shell-Thin	46	INERZIA	LinStatic	0	0	0
44	44	Shell-Thin	61	INCRSIS	LinStatic	0	0	0
44	44	Shell-Thin	62	INCRSIS	LinStatic	0	0	0
44	44	Shell-Thin	47	INCRSIS	LinStatic	0	0	0
44	44	Shell-Thin	46	INCRSIS	LinStatic	0	0	0
45	45	Shell-Thin	62	PP	LinStatic	-8,47	0,15	64,25
45	45	Shell-Thin	63	PP	LinStatic	-8,85	-1,77	38,67
45	45	Shell-Thin	48	PP	LinStatic	7,37	1,47	37,32
45	45	Shell-Thin	47	PP	LinStatic	7,76	3,39	62,9
45	45	Shell-Thin	62	STER	LinStatic	0	0	0
45	45	Shell-Thin	63	STER	LinStatic	0	0	0
45	45	Shell-Thin	48	STER	LinStatic	0	0	0
45	45	Shell-Thin	47	STER	LinStatic	0	0	0
45	45	Shell-Thin	62	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	63	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	48	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	47	SSOVR	LinStatic	0	0	0
45	45	Shell-Thin	62	INERZIA	LinStatic	0	0	0
45	45	Shell-Thin	63	INERZIA	LinStatic	0	0	0
45	45	Shell-Thin	48	INERZIA	LinStatic	0	0	0
45	45	Shell-Thin	47	INERZIA	LinStatic	0	0	0
45	45	Shell-Thin	62	INCRSIS	LinStatic	0	0	0
45	45	Shell-Thin	63	INCRSIS	LinStatic	0	0	0
45	45	Shell-Thin	48	INCRSIS	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
45	45	Shell-Thin	47	INCRSIS	LinStatic	0	0	0
48	48	Shell-Thin	65	PP	LinStatic	-3,58	-71,04	-9,22
48	48	Shell-Thin	66	PP	LinStatic	-0,9	-57,66	-10,7
48	48	Shell-Thin	52	PP	LinStatic	-3,27	-58,14	-9,43
48	48	Shell-Thin	51	PP	LinStatic	-5,95	-71,52	-7,94
48	48	Shell-Thin	65	STER	LinStatic	0	0	0
48	48	Shell-Thin	66	STER	LinStatic	0	0	0
48	48	Shell-Thin	52	STER	LinStatic	0	0	0
48	48	Shell-Thin	51	STER	LinStatic	0	0	0
48	48	Shell-Thin	65	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	66	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	52	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	51	SSOVR	LinStatic	0	0	0
48	48	Shell-Thin	65	INERZIA	LinStatic	0	0	0
48	48	Shell-Thin	66	INERZIA	LinStatic	0	0	0
48	48	Shell-Thin	52	INERZIA	LinStatic	0	0	0
48	48	Shell-Thin	51	INERZIA	LinStatic	0	0	0
48	48	Shell-Thin	65	INCRSIS	LinStatic	0	0	0
48	48	Shell-Thin	66	INCRSIS	LinStatic	0	0	0
48	48	Shell-Thin	52	INCRSIS	LinStatic	0	0	0
48	48	Shell-Thin	51	INCRSIS	LinStatic	0	0	0
49	49	Shell-Thin	66	PP	LinStatic	-5,41	-58,57	-16,07
49	49	Shell-Thin	67	PP	LinStatic	-3,41	-48,6	-18,68
49	49	Shell-Thin	53	PP	LinStatic	-7,48	-49,41	-16,42
49	49	Shell-Thin	52	PP	LinStatic	-9,47	-59,38	-13,81
49	49	Shell-Thin	66	STER	LinStatic	0	0	0
49	49	Shell-Thin	67	STER	LinStatic	0	0	0
49	49	Shell-Thin	53	STER	LinStatic	0	0	0
49	49	Shell-Thin	52	STER	LinStatic	0	0	0
49	49	Shell-Thin	66	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	67	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	53	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	52	SSOVR	LinStatic	0	0	0
49	49	Shell-Thin	66	INERZIA	LinStatic	0	0	0
49	49	Shell-Thin	67	INERZIA	LinStatic	0	0	0
49	49	Shell-Thin	53	INERZIA	LinStatic	0	0	0
49	49	Shell-Thin	52	INERZIA	LinStatic	0	0	0
49	49	Shell-Thin	66	INCRSIS	LinStatic	0	0	0
49	49	Shell-Thin	67	INCRSIS	LinStatic	0	0	0
49	49	Shell-Thin	53	INCRSIS	LinStatic	0	0	0
49	49	Shell-Thin	52	INCRSIS	LinStatic	0	0	0
50	50	Shell-Thin	67	PP	LinStatic	-6,15	-49,15	-18,21
50	50	Shell-Thin	68	PP	LinStatic	-4,97	-43,23	-17,87
50	50	Shell-Thin	54	PP	LinStatic	-11,62	-44,57	-16,65
50	50	Shell-Thin	53	PP	LinStatic	-12,8	-50,48	-16,98
50	50	Shell-Thin	67	STER	LinStatic	0	0	0
50	50	Shell-Thin	68	STER	LinStatic	0	0	0
50	50	Shell-Thin	54	STER	LinStatic	0	0	0
50	50	Shell-Thin	53	STER	LinStatic	0	0	0
50	50	Shell-Thin	67	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	68	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	54	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	53	SSOVR	LinStatic	0	0	0
50	50	Shell-Thin	67	INERZIA	LinStatic	0	0	0
50	50	Shell-Thin	68	INERZIA	LinStatic	0	0	0
50	50	Shell-Thin	54	INERZIA	LinStatic	0	0	0
50	50	Shell-Thin	53	INERZIA	LinStatic	0	0	0
50	50	Shell-Thin	67	INCRSIS	LinStatic	0	0	0
50	50	Shell-Thin	68	INCRSIS	LinStatic	0	0	0
50	50	Shell-Thin	54	INCRSIS	LinStatic	0	0	0
50	50	Shell-Thin	53	INCRSIS	LinStatic	0	0	0
51	51	Shell-Thin	68	PP	LinStatic	-8,72	-43,98	-18,21
51	51	Shell-Thin	69	PP	LinStatic	-7,66	-38,69	-17,62
51	51	Shell-Thin	55	PP	LinStatic	-14,49	-40,06	-15,73
51	51	Shell-Thin	54	PP	LinStatic	-15,55	-45,35	-16,32
51	51	Shell-Thin	68	STER	LinStatic	0	0	0
51	51	Shell-Thin	69	STER	LinStatic	0	0	0
51	51	Shell-Thin	55	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
51	51	Shell-Thin	54	STER	LinStatic	0	0	0
51	51	Shell-Thin	68	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	69	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	55	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	54	SSOVR	LinStatic	0	0	0
51	51	Shell-Thin	68	INERZIA	LinStatic	0	0	0
51	51	Shell-Thin	69	INERZIA	LinStatic	0	0	0
51	51	Shell-Thin	55	INERZIA	LinStatic	0	0	0
51	51	Shell-Thin	54	INERZIA	LinStatic	0	0	0
51	51	Shell-Thin	68	INCRSIS	LinStatic	0	0	0
51	51	Shell-Thin	69	INCRSIS	LinStatic	0	0	0
51	51	Shell-Thin	55	INCRSIS	LinStatic	0	0	0
51	51	Shell-Thin	54	INCRSIS	LinStatic	0	0	0
52	52	Shell-Thin	69	PP	LinStatic	-10,91	-39,34	-15,74
52	52	Shell-Thin	70	PP	LinStatic	-10	-34,8	-13,78
52	52	Shell-Thin	56	PP	LinStatic	-17,23	-36,25	-12,86
52	52	Shell-Thin	55	PP	LinStatic	-18,14	-40,79	-14,82
52	52	Shell-Thin	69	STER	LinStatic	0	0	0
52	52	Shell-Thin	70	STER	LinStatic	0	0	0
52	52	Shell-Thin	56	STER	LinStatic	0	0	0
52	52	Shell-Thin	55	STER	LinStatic	0	0	0
52	52	Shell-Thin	69	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	70	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	56	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	55	SSOVR	LinStatic	0	0	0
52	52	Shell-Thin	69	INERZIA	LinStatic	0	0	0
52	52	Shell-Thin	70	INERZIA	LinStatic	0	0	0
52	52	Shell-Thin	56	INERZIA	LinStatic	0	0	0
52	52	Shell-Thin	55	INERZIA	LinStatic	0	0	0
52	52	Shell-Thin	69	INCRSIS	LinStatic	0	0	0
52	52	Shell-Thin	70	INCRSIS	LinStatic	0	0	0
52	52	Shell-Thin	56	INCRSIS	LinStatic	0	0	0
52	52	Shell-Thin	55	INCRSIS	LinStatic	0	0	0
53	53	Shell-Thin	70	PP	LinStatic	-12,57	-35,31	-11,45
53	53	Shell-Thin	71	PP	LinStatic	-11,81	-31,53	-8,4
53	53	Shell-Thin	57	PP	LinStatic	-19,03	-32,98	-7,41
53	53	Shell-Thin	56	PP	LinStatic	-19,79	-36,76	-10,46
53	53	Shell-Thin	70	STER	LinStatic	0	0	0
53	53	Shell-Thin	71	STER	LinStatic	0	0	0
53	53	Shell-Thin	57	STER	LinStatic	0	0	0
53	53	Shell-Thin	56	STER	LinStatic	0	0	0
53	53	Shell-Thin	70	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	71	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	57	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	56	SSOVR	LinStatic	0	0	0
53	53	Shell-Thin	70	INERZIA	LinStatic	0	0	0
53	53	Shell-Thin	71	INERZIA	LinStatic	0	0	0
53	53	Shell-Thin	57	INERZIA	LinStatic	0	0	0
53	53	Shell-Thin	56	INERZIA	LinStatic	0	0	0
53	53	Shell-Thin	70	INCRSIS	LinStatic	0	0	0
53	53	Shell-Thin	71	INCRSIS	LinStatic	0	0	0
53	53	Shell-Thin	57	INCRSIS	LinStatic	0	0	0
53	53	Shell-Thin	56	INCRSIS	LinStatic	0	0	0
54	54	Shell-Thin	71	PP	LinStatic	-13,71	-31,91	-4,27
54	54	Shell-Thin	72	PP	LinStatic	-12,85	-27,62	-0,59
54	54	Shell-Thin	58	PP	LinStatic	-19,38	-28,93	-0,71
54	54	Shell-Thin	57	PP	LinStatic	-20,24	-33,22	-4,39
54	54	Shell-Thin	71	STER	LinStatic	0	0	0
54	54	Shell-Thin	72	STER	LinStatic	0	0	0
54	54	Shell-Thin	58	STER	LinStatic	0	0	0
54	54	Shell-Thin	57	STER	LinStatic	0	0	0
54	54	Shell-Thin	71	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	72	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	58	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	57	SSOVR	LinStatic	0	0	0
54	54	Shell-Thin	71	INERZIA	LinStatic	0	0	0
54	54	Shell-Thin	72	INERZIA	LinStatic	0	0	0
54	54	Shell-Thin	58	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
54	54	Shell-Thin	57	INERZIA	LinStatic	0	0	0
54	54	Shell-Thin	71	INCRSIS	LinStatic	0	0	0
54	54	Shell-Thin	72	INCRSIS	LinStatic	0	0	0
54	54	Shell-Thin	58	INCRSIS	LinStatic	0	0	0
54	54	Shell-Thin	57	INCRSIS	LinStatic	0	0	0
55	55	Shell-Thin	72	PP	LinStatic	-14,14	-27,88	3,57
55	55	Shell-Thin	73	PP	LinStatic	-13,42	-24,25	8,24
55	55	Shell-Thin	59	PP	LinStatic	-18,48	-25,26	8,07
55	55	Shell-Thin	58	PP	LinStatic	-19,21	-28,89	3,4
55	55	Shell-Thin	72	STER	LinStatic	0	0	0
55	55	Shell-Thin	73	STER	LinStatic	0	0	0
55	55	Shell-Thin	59	STER	LinStatic	0	0	0
55	55	Shell-Thin	58	STER	LinStatic	0	0	0
55	55	Shell-Thin	72	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	73	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	59	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	58	SSOVR	LinStatic	0	0	0
55	55	Shell-Thin	72	INERZIA	LinStatic	0	0	0
55	55	Shell-Thin	73	INERZIA	LinStatic	0	0	0
55	55	Shell-Thin	59	INERZIA	LinStatic	0	0	0
55	55	Shell-Thin	58	INERZIA	LinStatic	0	0	0
55	55	Shell-Thin	72	INCRSIS	LinStatic	0	0	0
55	55	Shell-Thin	73	INCRSIS	LinStatic	0	0	0
55	55	Shell-Thin	59	INCRSIS	LinStatic	0	0	0
55	55	Shell-Thin	58	INCRSIS	LinStatic	0	0	0
56	56	Shell-Thin	73	PP	LinStatic	-14,64	-24,5	12,94
56	56	Shell-Thin	74	PP	LinStatic	-13,59	-19,22	19,14
56	56	Shell-Thin	60	PP	LinStatic	-15,72	-19,65	17,78
56	56	Shell-Thin	59	PP	LinStatic	-16,78	-24,92	11,58
56	56	Shell-Thin	73	STER	LinStatic	0	0	0
56	56	Shell-Thin	74	STER	LinStatic	0	0	0
56	56	Shell-Thin	60	STER	LinStatic	0	0	0
56	56	Shell-Thin	59	STER	LinStatic	0	0	0
56	56	Shell-Thin	73	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	74	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	60	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	59	SSOVR	LinStatic	0	0	0
56	56	Shell-Thin	73	INERZIA	LinStatic	0	0	0
56	56	Shell-Thin	74	INERZIA	LinStatic	0	0	0
56	56	Shell-Thin	60	INERZIA	LinStatic	0	0	0
56	56	Shell-Thin	59	INERZIA	LinStatic	0	0	0
56	56	Shell-Thin	73	INCRSIS	LinStatic	0	0	0
56	56	Shell-Thin	74	INCRSIS	LinStatic	0	0	0
56	56	Shell-Thin	60	INCRSIS	LinStatic	0	0	0
56	56	Shell-Thin	59	INCRSIS	LinStatic	0	0	0
57	57	Shell-Thin	74	PP	LinStatic	-15,64	-19,63	25,08
57	57	Shell-Thin	75	PP	LinStatic	-13,96	-11,21	30,63
57	57	Shell-Thin	61	PP	LinStatic	-12,33	-10,88	30,16
57	57	Shell-Thin	60	PP	LinStatic	-14,02	-19,3	24,61
57	57	Shell-Thin	74	STER	LinStatic	0	0	0
57	57	Shell-Thin	75	STER	LinStatic	0	0	0
57	57	Shell-Thin	61	STER	LinStatic	0	0	0
57	57	Shell-Thin	60	STER	LinStatic	0	0	0
57	57	Shell-Thin	74	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	75	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	61	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	60	SSOVR	LinStatic	0	0	0
57	57	Shell-Thin	74	INERZIA	LinStatic	0	0	0
57	57	Shell-Thin	75	INERZIA	LinStatic	0	0	0
57	57	Shell-Thin	61	INERZIA	LinStatic	0	0	0
57	57	Shell-Thin	60	INERZIA	LinStatic	0	0	0
57	57	Shell-Thin	74	INCRSIS	LinStatic	0	0	0
57	57	Shell-Thin	75	INCRSIS	LinStatic	0	0	0
57	57	Shell-Thin	61	INCRSIS	LinStatic	0	0	0
57	57	Shell-Thin	60	INCRSIS	LinStatic	0	0	0
58	58	Shell-Thin	75	PP	LinStatic	-16,38	-11,69	36,66
58	58	Shell-Thin	76	PP	LinStatic	-14,77	-3,64	47,28
58	58	Shell-Thin	62	PP	LinStatic	-10,4	-2,77	46,92

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58	58	Shell-Thin	61	PP	LinStatic	-12,01	-10,82	36,3
58	58	Shell-Thin	75	STER	LinStatic	0	0	0
58	58	Shell-Thin	76	STER	LinStatic	0	0	0
58	58	Shell-Thin	62	STER	LinStatic	0	0	0
58	58	Shell-Thin	61	STER	LinStatic	0	0	0
58	58	Shell-Thin	75	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	76	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	62	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	61	SSOVR	LinStatic	0	0	0
58	58	Shell-Thin	75	INERZIA	LinStatic	0	0	0
58	58	Shell-Thin	76	INERZIA	LinStatic	0	0	0
58	58	Shell-Thin	62	INERZIA	LinStatic	0	0	0
58	58	Shell-Thin	61	INERZIA	LinStatic	0	0	0
58	58	Shell-Thin	75	INCRSIS	LinStatic	0	0	0
58	58	Shell-Thin	76	INCRSIS	LinStatic	0	0	0
58	58	Shell-Thin	62	INCRSIS	LinStatic	0	0	0
58	58	Shell-Thin	61	INCRSIS	LinStatic	0	0	0
59	59	Shell-Thin	76	PP	LinStatic	-16,38	-3,96	67,55
59	59	Shell-Thin	77	PP	LinStatic	-16,23	-3,25	39,9
59	59	Shell-Thin	63	PP	LinStatic	-8,85	-1,77	38,67
59	59	Shell-Thin	62	PP	LinStatic	-8,99	-2,49	66,32
59	59	Shell-Thin	76	STER	LinStatic	0	0	0
59	59	Shell-Thin	77	STER	LinStatic	0	0	0
59	59	Shell-Thin	63	STER	LinStatic	0	0	0
59	59	Shell-Thin	62	STER	LinStatic	0	0	0
59	59	Shell-Thin	76	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	77	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	63	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	62	SSOVR	LinStatic	0	0	0
59	59	Shell-Thin	76	INERZIA	LinStatic	0	0	0
59	59	Shell-Thin	77	INERZIA	LinStatic	0	0	0
59	59	Shell-Thin	63	INERZIA	LinStatic	0	0	0
59	59	Shell-Thin	62	INERZIA	LinStatic	0	0	0
59	59	Shell-Thin	76	INCRSIS	LinStatic	0	0	0
59	59	Shell-Thin	77	INCRSIS	LinStatic	0	0	0
59	59	Shell-Thin	63	INCRSIS	LinStatic	0	0	0
59	59	Shell-Thin	62	INCRSIS	LinStatic	0	0	0
61	61	Shell-Thin	78	PP	LinStatic	11,1	-119,22	-14,92
61	61	Shell-Thin	79	PP	LinStatic	20,73	-71,1	-18,91
61	61	Shell-Thin	66	PP	LinStatic	-4,6	-76,17	-12,27
61	61	Shell-Thin	65	PP	LinStatic	-14,23	-124,29	-8,28
61	61	Shell-Thin	78	STER	LinStatic	0	0	0
61	61	Shell-Thin	79	STER	LinStatic	0	0	0
61	61	Shell-Thin	66	STER	LinStatic	0	0	0
61	61	Shell-Thin	65	STER	LinStatic	0	0	0
61	61	Shell-Thin	78	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	79	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	66	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	65	SSOVR	LinStatic	0	0	0
61	61	Shell-Thin	78	INERZIA	LinStatic	0	0	0
61	61	Shell-Thin	79	INERZIA	LinStatic	0	0	0
61	61	Shell-Thin	66	INERZIA	LinStatic	0	0	0
61	61	Shell-Thin	65	INERZIA	LinStatic	0	0	0
61	61	Shell-Thin	78	INCRSIS	LinStatic	0	0	0
61	61	Shell-Thin	79	INCRSIS	LinStatic	0	0	0
61	61	Shell-Thin	66	INCRSIS	LinStatic	0	0	0
61	61	Shell-Thin	65	INCRSIS	LinStatic	0	0	0
62	62	Shell-Thin	79	PP	LinStatic	3,02	-74,64	-17,65
62	62	Shell-Thin	80	PP	LinStatic	4,76	-65,96	-19,55
62	62	Shell-Thin	67	PP	LinStatic	-7,37	-68,38	-19,55
62	62	Shell-Thin	66	PP	LinStatic	-9,11	-77,07	-17,65
62	62	Shell-Thin	79	STER	LinStatic	0	0	0
62	62	Shell-Thin	80	STER	LinStatic	0	0	0
62	62	Shell-Thin	67	STER	LinStatic	0	0	0
62	62	Shell-Thin	66	STER	LinStatic	0	0	0
62	62	Shell-Thin	79	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	80	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	67	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
62	62	Shell-Thin	66	SSOVR	LinStatic	0	0	0
62	62	Shell-Thin	79	INERZIA	LinStatic	0	0	0
62	62	Shell-Thin	80	INERZIA	LinStatic	0	0	0
62	62	Shell-Thin	67	INERZIA	LinStatic	0	0	0
62	62	Shell-Thin	66	INERZIA	LinStatic	0	0	0
62	62	Shell-Thin	79	INCRSIS	LinStatic	0	0	0
62	62	Shell-Thin	80	INCRSIS	LinStatic	0	0	0
62	62	Shell-Thin	67	INCRSIS	LinStatic	0	0	0
62	62	Shell-Thin	66	INCRSIS	LinStatic	0	0	0
63	63	Shell-Thin	80	PP	LinStatic	-1,89	-67,29	-21,61
63	63	Shell-Thin	81	PP	LinStatic	-0,14	-58,54	-21,83
63	63	Shell-Thin	68	PP	LinStatic	-8,36	-60,18	-19,3
63	63	Shell-Thin	67	PP	LinStatic	-10,11	-68,93	-19,08
63	63	Shell-Thin	80	STER	LinStatic	0	0	0
63	63	Shell-Thin	81	STER	LinStatic	0	0	0
63	63	Shell-Thin	68	STER	LinStatic	0	0	0
63	63	Shell-Thin	67	STER	LinStatic	0	0	0
63	63	Shell-Thin	80	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	81	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	68	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	67	SSOVR	LinStatic	0	0	0
63	63	Shell-Thin	80	INERZIA	LinStatic	0	0	0
63	63	Shell-Thin	81	INERZIA	LinStatic	0	0	0
63	63	Shell-Thin	68	INERZIA	LinStatic	0	0	0
63	63	Shell-Thin	67	INERZIA	LinStatic	0	0	0
63	63	Shell-Thin	80	INCRSIS	LinStatic	0	0	0
63	63	Shell-Thin	81	INCRSIS	LinStatic	0	0	0
63	63	Shell-Thin	68	INCRSIS	LinStatic	0	0	0
63	63	Shell-Thin	67	INCRSIS	LinStatic	0	0	0
64	64	Shell-Thin	81	PP	LinStatic	-4,89	-59,49	-20,48
64	64	Shell-Thin	82	PP	LinStatic	-3,28	-51,43	-19,5
64	64	Shell-Thin	69	PP	LinStatic	-10,49	-52,88	-18,66
64	64	Shell-Thin	68	PP	LinStatic	-12,11	-60,93	-19,64
64	64	Shell-Thin	81	STER	LinStatic	0	0	0
64	64	Shell-Thin	82	STER	LinStatic	0	0	0
64	64	Shell-Thin	69	STER	LinStatic	0	0	0
64	64	Shell-Thin	68	STER	LinStatic	0	0	0
64	64	Shell-Thin	81	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	82	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	69	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	68	SSOVR	LinStatic	0	0	0
64	64	Shell-Thin	81	INERZIA	LinStatic	0	0	0
64	64	Shell-Thin	82	INERZIA	LinStatic	0	0	0
64	64	Shell-Thin	69	INERZIA	LinStatic	0	0	0
64	64	Shell-Thin	68	INERZIA	LinStatic	0	0	0
64	64	Shell-Thin	81	INCRSIS	LinStatic	0	0	0
64	64	Shell-Thin	82	INCRSIS	LinStatic	0	0	0
64	64	Shell-Thin	69	INCRSIS	LinStatic	0	0	0
64	64	Shell-Thin	68	INCRSIS	LinStatic	0	0	0
65	65	Shell-Thin	82	PP	LinStatic	-7,4	-52,26	-18,11
65	65	Shell-Thin	83	PP	LinStatic	-6,1	-45,75	-15,89
65	65	Shell-Thin	70	PP	LinStatic	-12,44	-47,02	-14,56
65	65	Shell-Thin	69	PP	LinStatic	-13,75	-53,53	-16,77
65	65	Shell-Thin	82	STER	LinStatic	0	0	0
65	65	Shell-Thin	83	STER	LinStatic	0	0	0
65	65	Shell-Thin	70	STER	LinStatic	0	0	0
65	65	Shell-Thin	69	STER	LinStatic	0	0	0
65	65	Shell-Thin	82	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	83	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	70	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	69	SSOVR	LinStatic	0	0	0
65	65	Shell-Thin	82	INERZIA	LinStatic	0	0	0
65	65	Shell-Thin	83	INERZIA	LinStatic	0	0	0
65	65	Shell-Thin	70	INERZIA	LinStatic	0	0	0
65	65	Shell-Thin	69	INERZIA	LinStatic	0	0	0
65	65	Shell-Thin	82	INCRSIS	LinStatic	0	0	0
65	65	Shell-Thin	83	INCRSIS	LinStatic	0	0	0
65	65	Shell-Thin	70	INCRSIS	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
65	65	Shell-Thin	69	INCRSIS	LinStatic	0	0	0
66	66	Shell-Thin	83	PP	LinStatic	-9,54	-46,44	-12,72
66	66	Shell-Thin	84	PP	LinStatic	-8,25	-39,98	-9,33
66	66	Shell-Thin	71	PP	LinStatic	-13,72	-41,07	-8,84
66	66	Shell-Thin	70	PP	LinStatic	-15,01	-47,53	-12,23
66	66	Shell-Thin	83	STER	LinStatic	0	0	0
66	66	Shell-Thin	84	STER	LinStatic	0	0	0
66	66	Shell-Thin	71	STER	LinStatic	0	0	0
66	66	Shell-Thin	70	STER	LinStatic	0	0	0
66	66	Shell-Thin	83	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	84	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	71	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	70	SSOVR	LinStatic	0	0	0
66	66	Shell-Thin	83	INERZIA	LinStatic	0	0	0
66	66	Shell-Thin	84	INERZIA	LinStatic	0	0	0
66	66	Shell-Thin	71	INERZIA	LinStatic	0	0	0
66	66	Shell-Thin	70	INERZIA	LinStatic	0	0	0
66	66	Shell-Thin	83	INCRSIS	LinStatic	0	0	0
66	66	Shell-Thin	84	INCRSIS	LinStatic	0	0	0
66	66	Shell-Thin	71	INCRSIS	LinStatic	0	0	0
66	66	Shell-Thin	70	INCRSIS	LinStatic	0	0	0
67	67	Shell-Thin	84	PP	LinStatic	-11,37	-40,6	-5,49
67	67	Shell-Thin	85	PP	LinStatic	-10,13	-34,38	-1,49
67	67	Shell-Thin	72	PP	LinStatic	-14,38	-35,23	-0,72
67	67	Shell-Thin	71	PP	LinStatic	-15,62	-41,45	-4,71
67	67	Shell-Thin	84	STER	LinStatic	0	0	0
67	67	Shell-Thin	85	STER	LinStatic	0	0	0
67	67	Shell-Thin	72	STER	LinStatic	0	0	0
67	67	Shell-Thin	71	STER	LinStatic	0	0	0
67	67	Shell-Thin	84	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	85	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	72	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	71	SSOVR	LinStatic	0	0	0
67	67	Shell-Thin	84	INERZIA	LinStatic	0	0	0
67	67	Shell-Thin	85	INERZIA	LinStatic	0	0	0
67	67	Shell-Thin	72	INERZIA	LinStatic	0	0	0
67	67	Shell-Thin	71	INERZIA	LinStatic	0	0	0
67	67	Shell-Thin	84	INCRSIS	LinStatic	0	0	0
67	67	Shell-Thin	85	INCRSIS	LinStatic	0	0	0
67	67	Shell-Thin	72	INCRSIS	LinStatic	0	0	0
67	67	Shell-Thin	71	INCRSIS	LinStatic	0	0	0
68	68	Shell-Thin	85	PP	LinStatic	-13	-34,95	3,35
68	68	Shell-Thin	86	PP	LinStatic	-11,74	-28,66	8,24
68	68	Shell-Thin	73	PP	LinStatic	-14,41	-29,2	8,33
68	68	Shell-Thin	72	PP	LinStatic	-15,66	-35,49	3,44
68	68	Shell-Thin	85	STER	LinStatic	0	0	0
68	68	Shell-Thin	86	STER	LinStatic	0	0	0
68	68	Shell-Thin	73	STER	LinStatic	0	0	0
68	68	Shell-Thin	72	STER	LinStatic	0	0	0
68	68	Shell-Thin	85	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	86	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	73	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	72	SSOVR	LinStatic	0	0	0
68	68	Shell-Thin	85	INERZIA	LinStatic	0	0	0
68	68	Shell-Thin	86	INERZIA	LinStatic	0	0	0
68	68	Shell-Thin	73	INERZIA	LinStatic	0	0	0
68	68	Shell-Thin	72	INERZIA	LinStatic	0	0	0
68	68	Shell-Thin	85	INCRSIS	LinStatic	0	0	0
68	68	Shell-Thin	86	INCRSIS	LinStatic	0	0	0
68	68	Shell-Thin	73	INCRSIS	LinStatic	0	0	0
68	68	Shell-Thin	72	INCRSIS	LinStatic	0	0	0
69	69	Shell-Thin	86	PP	LinStatic	-14,7	-29,26	12,25
69	69	Shell-Thin	87	PP	LinStatic	-13,36	-22,6	18
69	69	Shell-Thin	74	PP	LinStatic	-14,3	-22,79	18,77
69	69	Shell-Thin	73	PP	LinStatic	-15,63	-29,44	13,03
69	69	Shell-Thin	86	STER	LinStatic	0	0	0
69	69	Shell-Thin	87	STER	LinStatic	0	0	0
69	69	Shell-Thin	74	STER	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
69	69	Shell-Thin	73	STER	LinStatic	0	0	0
69	69	Shell-Thin	86	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	87	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	74	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	73	SSOVR	LinStatic	0	0	0
69	69	Shell-Thin	86	INERZIA	LinStatic	0	0	0
69	69	Shell-Thin	87	INERZIA	LinStatic	0	0	0
69	69	Shell-Thin	74	INERZIA	LinStatic	0	0	0
69	69	Shell-Thin	73	INERZIA	LinStatic	0	0	0
69	69	Shell-Thin	86	INCRSIS	LinStatic	0	0	0
69	69	Shell-Thin	87	INCRSIS	LinStatic	0	0	0
69	69	Shell-Thin	74	INCRSIS	LinStatic	0	0	0
69	69	Shell-Thin	73	INCRSIS	LinStatic	0	0	0
70	70	Shell-Thin	87	PP	LinStatic	-16,92	-23,31	24,22
70	70	Shell-Thin	88	PP	LinStatic	-15,04	-13,92	29,86
70	70	Shell-Thin	75	PP	LinStatic	-14,48	-13,81	30,35
70	70	Shell-Thin	74	PP	LinStatic	-16,36	-23,2	24,7
70	70	Shell-Thin	87	STER	LinStatic	0	0	0
70	70	Shell-Thin	88	STER	LinStatic	0	0	0
70	70	Shell-Thin	75	STER	LinStatic	0	0	0
70	70	Shell-Thin	74	STER	LinStatic	0	0	0
70	70	Shell-Thin	87	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	88	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	75	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	74	SSOVR	LinStatic	0	0	0
70	70	Shell-Thin	87	INERZIA	LinStatic	0	0	0
70	70	Shell-Thin	88	INERZIA	LinStatic	0	0	0
70	70	Shell-Thin	75	INERZIA	LinStatic	0	0	0
70	70	Shell-Thin	74	INERZIA	LinStatic	0	0	0
70	70	Shell-Thin	87	INCRSIS	LinStatic	0	0	0
70	70	Shell-Thin	88	INCRSIS	LinStatic	0	0	0
70	70	Shell-Thin	75	INCRSIS	LinStatic	0	0	0
70	70	Shell-Thin	74	INCRSIS	LinStatic	0	0	0
71	71	Shell-Thin	88	PP	LinStatic	-19,06	-14,72	35,44
71	71	Shell-Thin	89	PP	LinStatic	-17,52	-7,04	45,89
71	71	Shell-Thin	76	PP	LinStatic	-15,36	-6,61	46,83
71	71	Shell-Thin	75	PP	LinStatic	-16,89	-14,29	36,38
71	71	Shell-Thin	88	STER	LinStatic	0	0	0
71	71	Shell-Thin	89	STER	LinStatic	0	0	0
71	71	Shell-Thin	76	STER	LinStatic	0	0	0
71	71	Shell-Thin	75	STER	LinStatic	0	0	0
71	71	Shell-Thin	88	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	89	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	76	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	75	SSOVR	LinStatic	0	0	0
71	71	Shell-Thin	88	INERZIA	LinStatic	0	0	0
71	71	Shell-Thin	89	INERZIA	LinStatic	0	0	0
71	71	Shell-Thin	76	INERZIA	LinStatic	0	0	0
71	71	Shell-Thin	75	INERZIA	LinStatic	0	0	0
71	71	Shell-Thin	88	INCRSIS	LinStatic	0	0	0
71	71	Shell-Thin	89	INCRSIS	LinStatic	0	0	0
71	71	Shell-Thin	76	INCRSIS	LinStatic	0	0	0
71	71	Shell-Thin	75	INCRSIS	LinStatic	0	0	0
72	72	Shell-Thin	89	PP	LinStatic	-20,66	-7,67	66,63
72	72	Shell-Thin	90	PP	LinStatic	-19,93	-3,99	39,44
72	72	Shell-Thin	77	PP	LinStatic	-16,23	-3,25	39,9
72	72	Shell-Thin	76	PP	LinStatic	-16,97	-6,93	67,1
72	72	Shell-Thin	89	STER	LinStatic	0	0	0
72	72	Shell-Thin	90	STER	LinStatic	0	0	0
72	72	Shell-Thin	77	STER	LinStatic	0	0	0
72	72	Shell-Thin	76	STER	LinStatic	0	0	0
72	72	Shell-Thin	89	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	90	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	77	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	76	SSOVR	LinStatic	0	0	0
72	72	Shell-Thin	89	INERZIA	LinStatic	0	0	0
72	72	Shell-Thin	90	INERZIA	LinStatic	0	0	0
72	72	Shell-Thin	77	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
72	72	Shell-Thin	76	INERZIA	LinStatic	0	0	0
72	72	Shell-Thin	89	INCRSIS	LinStatic	0	0	0
72	72	Shell-Thin	90	INCRSIS	LinStatic	0	0	0
72	72	Shell-Thin	77	INCRSIS	LinStatic	0	0	0
72	72	Shell-Thin	76	INCRSIS	LinStatic	0	0	0
73	73	Shell-Thin	91	PP	LinStatic	19,97	-98,96	-27,69
73	73	Shell-Thin	79	PP	LinStatic	12,44	-100,46	-26,62
73	73	Shell-Thin	78	PP	LinStatic	12,98	-97,79	-29,63
73	73	Shell-Thin	91	STER	LinStatic	0	0	0
73	73	Shell-Thin	79	STER	LinStatic	0	0	0
73	73	Shell-Thin	78	STER	LinStatic	0	0	0
73	73	Shell-Thin	91	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	79	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	78	SSOVR	LinStatic	0	0	0
73	73	Shell-Thin	91	INERZIA	LinStatic	0	0	0
73	73	Shell-Thin	79	INERZIA	LinStatic	0	0	0
73	73	Shell-Thin	78	INERZIA	LinStatic	0	0	0
73	73	Shell-Thin	91	INCRSIS	LinStatic	0	0	0
73	73	Shell-Thin	79	INCRSIS	LinStatic	0	0	0
73	73	Shell-Thin	78	INCRSIS	LinStatic	0	0	0
74	74	Shell-Thin	91	PP	LinStatic	7,61	-100,58	-27,71
74	74	Shell-Thin	92	PP	LinStatic	11,4	-81,63	-26,41
74	74	Shell-Thin	80	PP	LinStatic	1,22	-83,67	-21,34
74	74	Shell-Thin	79	PP	LinStatic	-2,57	-102,61	-22,64
74	74	Shell-Thin	91	STER	LinStatic	0	0	0
74	74	Shell-Thin	92	STER	LinStatic	0	0	0
74	74	Shell-Thin	80	STER	LinStatic	0	0	0
74	74	Shell-Thin	79	STER	LinStatic	0	0	0
74	74	Shell-Thin	91	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	92	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	80	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	79	SSOVR	LinStatic	0	0	0
74	74	Shell-Thin	91	INERZIA	LinStatic	0	0	0
74	74	Shell-Thin	92	INERZIA	LinStatic	0	0	0
74	74	Shell-Thin	80	INERZIA	LinStatic	0	0	0
74	74	Shell-Thin	79	INERZIA	LinStatic	0	0	0
74	74	Shell-Thin	91	INCRSIS	LinStatic	0	0	0
74	74	Shell-Thin	92	INCRSIS	LinStatic	0	0	0
74	74	Shell-Thin	80	INCRSIS	LinStatic	0	0	0
74	74	Shell-Thin	79	INCRSIS	LinStatic	0	0	0
75	75	Shell-Thin	92	PP	LinStatic	3,03	-83,31	-24,46
75	75	Shell-Thin	93	PP	LinStatic	5,08	-73,07	-24,69
75	75	Shell-Thin	81	PP	LinStatic	-3,39	-74,76	-23,63
75	75	Shell-Thin	80	PP	LinStatic	-5,43	-85	-23,4
75	75	Shell-Thin	92	STER	LinStatic	0	0	0
75	75	Shell-Thin	93	STER	LinStatic	0	0	0
75	75	Shell-Thin	81	STER	LinStatic	0	0	0
75	75	Shell-Thin	80	STER	LinStatic	0	0	0
75	75	Shell-Thin	92	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	93	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	81	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	80	SSOVR	LinStatic	0	0	0
75	75	Shell-Thin	92	INERZIA	LinStatic	0	0	0
75	75	Shell-Thin	93	INERZIA	LinStatic	0	0	0
75	75	Shell-Thin	81	INERZIA	LinStatic	0	0	0
75	75	Shell-Thin	80	INERZIA	LinStatic	0	0	0
75	75	Shell-Thin	92	INCRSIS	LinStatic	0	0	0
75	75	Shell-Thin	93	INCRSIS	LinStatic	0	0	0
75	75	Shell-Thin	81	INCRSIS	LinStatic	0	0	0
75	75	Shell-Thin	80	INCRSIS	LinStatic	0	0	0
76	76	Shell-Thin	93	PP	LinStatic	-1,07	-74,3	-24,14
76	76	Shell-Thin	94	PP	LinStatic	1,01	-63,9	-22,56
76	76	Shell-Thin	82	PP	LinStatic	-6,05	-65,31	-20,69
76	76	Shell-Thin	81	PP	LinStatic	-8,13	-75,71	-22,28
76	76	Shell-Thin	93	STER	LinStatic	0	0	0
76	76	Shell-Thin	94	STER	LinStatic	0	0	0
76	76	Shell-Thin	82	STER	LinStatic	0	0	0
76	76	Shell-Thin	81	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
76	76	Shell-Thin	93	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	94	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	82	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	81	SSOVR	LinStatic	0	0	0
76	76	Shell-Thin	93	INERZIA	LinStatic	0	0	0
76	76	Shell-Thin	94	INERZIA	LinStatic	0	0	0
76	76	Shell-Thin	82	INERZIA	LinStatic	0	0	0
76	76	Shell-Thin	81	INERZIA	LinStatic	0	0	0
76	76	Shell-Thin	93	INCRSIS	LinStatic	0	0	0
76	76	Shell-Thin	94	INCRSIS	LinStatic	0	0	0
76	76	Shell-Thin	82	INCRSIS	LinStatic	0	0	0
76	76	Shell-Thin	81	INCRSIS	LinStatic	0	0	0
77	77	Shell-Thin	94	PP	LinStatic	-4,27	-64,95	-20,13
77	77	Shell-Thin	95	PP	LinStatic	-2,41	-55,66	-17,74
77	77	Shell-Thin	83	PP	LinStatic	-8,32	-56,85	-16,92
77	77	Shell-Thin	82	PP	LinStatic	-10,18	-66,14	-19,3
77	77	Shell-Thin	94	STER	LinStatic	0	0	0
77	77	Shell-Thin	95	STER	LinStatic	0	0	0
77	77	Shell-Thin	83	STER	LinStatic	0	0	0
77	77	Shell-Thin	82	STER	LinStatic	0	0	0
77	77	Shell-Thin	94	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	95	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	83	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	82	SSOVR	LinStatic	0	0	0
77	77	Shell-Thin	94	INERZIA	LinStatic	0	0	0
77	77	Shell-Thin	95	INERZIA	LinStatic	0	0	0
77	77	Shell-Thin	83	INERZIA	LinStatic	0	0	0
77	77	Shell-Thin	82	INERZIA	LinStatic	0	0	0
77	77	Shell-Thin	94	INCRSIS	LinStatic	0	0	0
77	77	Shell-Thin	95	INCRSIS	LinStatic	0	0	0
77	77	Shell-Thin	83	INCRSIS	LinStatic	0	0	0
77	77	Shell-Thin	82	INCRSIS	LinStatic	0	0	0
78	78	Shell-Thin	95	PP	LinStatic	-7,05	-56,59	-14,95
78	78	Shell-Thin	96	PP	LinStatic	-5,35	-48,11	-11,38
78	78	Shell-Thin	84	PP	LinStatic	-10,06	-49,06	-10,17
78	78	Shell-Thin	83	PP	LinStatic	-11,76	-57,53	-13,74
78	78	Shell-Thin	95	STER	LinStatic	0	0	0
78	78	Shell-Thin	96	STER	LinStatic	0	0	0
78	78	Shell-Thin	84	STER	LinStatic	0	0	0
78	78	Shell-Thin	83	STER	LinStatic	0	0	0
78	78	Shell-Thin	95	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	96	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	84	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	83	SSOVR	LinStatic	0	0	0
78	78	Shell-Thin	95	INERZIA	LinStatic	0	0	0
78	78	Shell-Thin	96	INERZIA	LinStatic	0	0	0
78	78	Shell-Thin	84	INERZIA	LinStatic	0	0	0
78	78	Shell-Thin	83	INERZIA	LinStatic	0	0	0
78	78	Shell-Thin	95	INCRSIS	LinStatic	0	0	0
78	78	Shell-Thin	96	INCRSIS	LinStatic	0	0	0
78	78	Shell-Thin	84	INCRSIS	LinStatic	0	0	0
78	78	Shell-Thin	83	INCRSIS	LinStatic	0	0	0
79	79	Shell-Thin	96	PP	LinStatic	-9,67	-48,98	-6,98
79	79	Shell-Thin	97	PP	LinStatic	-7,91	-40,17	-2,89
79	79	Shell-Thin	85	PP	LinStatic	-11,42	-40,88	-2,24
79	79	Shell-Thin	84	PP	LinStatic	-13,19	-49,68	-6,33
79	79	Shell-Thin	96	STER	LinStatic	0	0	0
79	79	Shell-Thin	97	STER	LinStatic	0	0	0
79	79	Shell-Thin	85	STER	LinStatic	0	0	0
79	79	Shell-Thin	84	STER	LinStatic	0	0	0
79	79	Shell-Thin	96	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	97	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	85	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	84	SSOVR	LinStatic	0	0	0
79	79	Shell-Thin	96	INERZIA	LinStatic	0	0	0
79	79	Shell-Thin	97	INERZIA	LinStatic	0	0	0
79	79	Shell-Thin	85	INERZIA	LinStatic	0	0	0
79	79	Shell-Thin	84	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
79	79	Shell-Thin	96	INCRSIS	LinStatic	0	0	0
79	79	Shell-Thin	97	INCRSIS	LinStatic	0	0	0
79	79	Shell-Thin	85	INCRSIS	LinStatic	0	0	0
79	79	Shell-Thin	84	INCRSIS	LinStatic	0	0	0
80	80	Shell-Thin	97	PP	LinStatic	-12,07	-41	1,39
80	80	Shell-Thin	98	PP	LinStatic	-10,56	-33,47	6,05
80	80	Shell-Thin	86	PP	LinStatic	-12,79	-33,92	7,26
80	80	Shell-Thin	85	PP	LinStatic	-14,3	-41,45	2,6
80	80	Shell-Thin	97	STER	LinStatic	0	0	0
80	80	Shell-Thin	98	STER	LinStatic	0	0	0
80	80	Shell-Thin	86	STER	LinStatic	0	0	0
80	80	Shell-Thin	85	STER	LinStatic	0	0	0
80	80	Shell-Thin	97	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	98	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	86	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	85	SSOVR	LinStatic	0	0	0
80	80	Shell-Thin	97	INERZIA	LinStatic	0	0	0
80	80	Shell-Thin	98	INERZIA	LinStatic	0	0	0
80	80	Shell-Thin	86	INERZIA	LinStatic	0	0	0
80	80	Shell-Thin	85	INERZIA	LinStatic	0	0	0
80	80	Shell-Thin	97	INCRSIS	LinStatic	0	0	0
80	80	Shell-Thin	98	INCRSIS	LinStatic	0	0	0
80	80	Shell-Thin	86	INCRSIS	LinStatic	0	0	0
80	80	Shell-Thin	85	INCRSIS	LinStatic	0	0	0
81	81	Shell-Thin	98	PP	LinStatic	-14,46	-34,25	10,5
81	81	Shell-Thin	99	PP	LinStatic	-12,83	-26,14	16,31
81	81	Shell-Thin	87	PP	LinStatic	-14,12	-26,39	17,08
81	81	Shell-Thin	86	PP	LinStatic	-15,75	-34,51	11,27
81	81	Shell-Thin	98	STER	LinStatic	0	0	0
81	81	Shell-Thin	99	STER	LinStatic	0	0	0
81	81	Shell-Thin	87	STER	LinStatic	0	0	0
81	81	Shell-Thin	86	STER	LinStatic	0	0	0
81	81	Shell-Thin	98	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	99	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	87	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	86	SSOVR	LinStatic	0	0	0
81	81	Shell-Thin	98	INERZIA	LinStatic	0	0	0
81	81	Shell-Thin	99	INERZIA	LinStatic	0	0	0
81	81	Shell-Thin	87	INERZIA	LinStatic	0	0	0
81	81	Shell-Thin	86	INERZIA	LinStatic	0	0	0
81	81	Shell-Thin	98	INCRSIS	LinStatic	0	0	0
81	81	Shell-Thin	99	INCRSIS	LinStatic	0	0	0
81	81	Shell-Thin	87	INCRSIS	LinStatic	0	0	0
81	81	Shell-Thin	86	INCRSIS	LinStatic	0	0	0
82	82	Shell-Thin	99	PP	LinStatic	-17,55	-27,08	21,9
82	82	Shell-Thin	100	PP	LinStatic	-15,58	-17,23	27,3
82	82	Shell-Thin	88	PP	LinStatic	-15,71	-17,25	28,7
82	82	Shell-Thin	87	PP	LinStatic	-17,68	-27,1	23,3
82	82	Shell-Thin	99	STER	LinStatic	0	0	0
82	82	Shell-Thin	100	STER	LinStatic	0	0	0
82	82	Shell-Thin	88	STER	LinStatic	0	0	0
82	82	Shell-Thin	87	STER	LinStatic	0	0	0
82	82	Shell-Thin	99	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	100	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	88	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	87	SSOVR	LinStatic	0	0	0
82	82	Shell-Thin	99	INERZIA	LinStatic	0	0	0
82	82	Shell-Thin	100	INERZIA	LinStatic	0	0	0
82	82	Shell-Thin	88	INERZIA	LinStatic	0	0	0
82	82	Shell-Thin	87	INERZIA	LinStatic	0	0	0
82	82	Shell-Thin	99	INCRSIS	LinStatic	0	0	0
82	82	Shell-Thin	100	INCRSIS	LinStatic	0	0	0
82	82	Shell-Thin	88	INCRSIS	LinStatic	0	0	0
82	82	Shell-Thin	87	INCRSIS	LinStatic	0	0	0
83	83	Shell-Thin	100	PP	LinStatic	-20,54	-18,22	33,5
83	83	Shell-Thin	101	PP	LinStatic	-18,83	-9,66	44,25
83	83	Shell-Thin	89	PP	LinStatic	-18,01	-9,5	45,03
83	83	Shell-Thin	88	PP	LinStatic	-19,73	-18,06	34,28

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
83	83	Shell-Thin	100	STER	LinStatic	0	0	0
83	83	Shell-Thin	101	STER	LinStatic	0	0	0
83	83	Shell-Thin	89	STER	LinStatic	0	0	0
83	83	Shell-Thin	88	STER	LinStatic	0	0	0
83	83	Shell-Thin	100	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	101	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	89	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	88	SSOVR	LinStatic	0	0	0
83	83	Shell-Thin	100	INERZIA	LinStatic	0	0	0
83	83	Shell-Thin	101	INERZIA	LinStatic	0	0	0
83	83	Shell-Thin	89	INERZIA	LinStatic	0	0	0
83	83	Shell-Thin	88	INERZIA	LinStatic	0	0	0
83	83	Shell-Thin	100	INCRSIS	LinStatic	0	0	0
83	83	Shell-Thin	101	INCRSIS	LinStatic	0	0	0
83	83	Shell-Thin	89	INCRSIS	LinStatic	0	0	0
83	83	Shell-Thin	88	INCRSIS	LinStatic	0	0	0
84	84	Shell-Thin	101	PP	LinStatic	-23,11	-10,52	64,67
84	84	Shell-Thin	102	PP	LinStatic	-21,88	-4,38	38,32
84	84	Shell-Thin	90	PP	LinStatic	-19,93	-3,99	39,44
84	84	Shell-Thin	89	PP	LinStatic	-21,16	-10,12	65,78
84	84	Shell-Thin	101	STER	LinStatic	0	0	0
84	84	Shell-Thin	102	STER	LinStatic	0	0	0
84	84	Shell-Thin	90	STER	LinStatic	0	0	0
84	84	Shell-Thin	89	STER	LinStatic	0	0	0
84	84	Shell-Thin	101	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	102	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	90	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	89	SSOVR	LinStatic	0	0	0
84	84	Shell-Thin	101	INERZIA	LinStatic	0	0	0
84	84	Shell-Thin	102	INERZIA	LinStatic	0	0	0
84	84	Shell-Thin	90	INERZIA	LinStatic	0	0	0
84	84	Shell-Thin	89	INERZIA	LinStatic	0	0	0
84	84	Shell-Thin	101	INCRSIS	LinStatic	0	0	0
84	84	Shell-Thin	102	INCRSIS	LinStatic	0	0	0
84	84	Shell-Thin	90	INCRSIS	LinStatic	0	0	0
84	84	Shell-Thin	89	INCRSIS	LinStatic	0	0	0
85	85	Shell-Thin	103	PP	LinStatic	6,7	-99,75	-31,04
85	85	Shell-Thin	92	PP	LinStatic	8,38	-99,41	-30,3
85	85	Shell-Thin	91	PP	LinStatic	8,75	-97,55	-29,63
85	85	Shell-Thin	103	STER	LinStatic	0	0	0
85	85	Shell-Thin	92	STER	LinStatic	0	0	0
85	85	Shell-Thin	91	STER	LinStatic	0	0	0
85	85	Shell-Thin	103	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	92	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	91	SSOVR	LinStatic	0	0	0
85	85	Shell-Thin	103	INERZIA	LinStatic	0	0	0
85	85	Shell-Thin	92	INERZIA	LinStatic	0	0	0
85	85	Shell-Thin	91	INERZIA	LinStatic	0	0	0
85	85	Shell-Thin	103	INCRSIS	LinStatic	0	0	0
85	85	Shell-Thin	92	INCRSIS	LinStatic	0	0	0
85	85	Shell-Thin	91	INCRSIS	LinStatic	0	0	0
86	86	Shell-Thin	103	PP	LinStatic	5,34	-99,42	-31,08
86	86	Shell-Thin	104	PP	LinStatic	8,12	-85,52	-28,83
86	86	Shell-Thin	93	PP	LinStatic	2,36	-86,67	-26,05
86	86	Shell-Thin	92	PP	LinStatic	-0,42	-100,58	-28,3
86	86	Shell-Thin	103	STER	LinStatic	0	0	0
86	86	Shell-Thin	104	STER	LinStatic	0	0	0
86	86	Shell-Thin	93	STER	LinStatic	0	0	0
86	86	Shell-Thin	92	STER	LinStatic	0	0	0
86	86	Shell-Thin	103	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	104	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	93	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	92	SSOVR	LinStatic	0	0	0
86	86	Shell-Thin	103	INERZIA	LinStatic	0	0	0
86	86	Shell-Thin	104	INERZIA	LinStatic	0	0	0
86	86	Shell-Thin	93	INERZIA	LinStatic	0	0	0
86	86	Shell-Thin	92	INERZIA	LinStatic	0	0	0
86	86	Shell-Thin	103	INCRSIS	LinStatic	0	0	0

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86	86	Shell-Thin	104	INCRSIS	LinStatic	0	0	0
86	86	Shell-Thin	93	INCRSIS	LinStatic	0	0	0
86	86	Shell-Thin	92	INCRSIS	LinStatic	0	0	0
87	87	Shell-Thin	104	PP	LinStatic	1,68	-86,81	-26,87
87	87	Shell-Thin	105	PP	LinStatic	4,07	-74,86	-25,5
87	87	Shell-Thin	94	PP	LinStatic	-1,4	-75,95	-24,14
87	87	Shell-Thin	93	PP	LinStatic	-3,79	-87,9	-25,5
87	87	Shell-Thin	104	STER	LinStatic	0	0	0
87	87	Shell-Thin	105	STER	LinStatic	0	0	0
87	87	Shell-Thin	94	STER	LinStatic	0	0	0
87	87	Shell-Thin	93	STER	LinStatic	0	0	0
87	87	Shell-Thin	104	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	105	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	94	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	93	SSOVR	LinStatic	0	0	0
87	87	Shell-Thin	104	INERZIA	LinStatic	0	0	0
87	87	Shell-Thin	105	INERZIA	LinStatic	0	0	0
87	87	Shell-Thin	94	INERZIA	LinStatic	0	0	0
87	87	Shell-Thin	93	INERZIA	LinStatic	0	0	0
87	87	Shell-Thin	104	INCRSIS	LinStatic	0	0	0
87	87	Shell-Thin	105	INCRSIS	LinStatic	0	0	0
87	87	Shell-Thin	94	INCRSIS	LinStatic	0	0	0
87	87	Shell-Thin	93	INCRSIS	LinStatic	0	0	0
88	88	Shell-Thin	105	PP	LinStatic	-2,02	-76,08	-23,29
88	88	Shell-Thin	106	PP	LinStatic	0,23	-64,8	-20,46
88	88	Shell-Thin	95	PP	LinStatic	-4,43	-65,74	-18,88
88	88	Shell-Thin	94	PP	LinStatic	-6,68	-77,01	-21,71
88	88	Shell-Thin	105	STER	LinStatic	0	0	0
88	88	Shell-Thin	106	STER	LinStatic	0	0	0
88	88	Shell-Thin	95	STER	LinStatic	0	0	0
88	88	Shell-Thin	94	STER	LinStatic	0	0	0
88	88	Shell-Thin	105	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	106	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	95	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	94	SSOVR	LinStatic	0	0	0
88	88	Shell-Thin	105	INERZIA	LinStatic	0	0	0
88	88	Shell-Thin	106	INERZIA	LinStatic	0	0	0
88	88	Shell-Thin	95	INERZIA	LinStatic	0	0	0
88	88	Shell-Thin	94	INERZIA	LinStatic	0	0	0
88	88	Shell-Thin	105	INCRSIS	LinStatic	0	0	0
88	88	Shell-Thin	106	INCRSIS	LinStatic	0	0	0
88	88	Shell-Thin	95	INCRSIS	LinStatic	0	0	0
88	88	Shell-Thin	94	INCRSIS	LinStatic	0	0	0
89	89	Shell-Thin	106	PP	LinStatic	-5,1	-65,87	-17,1
89	89	Shell-Thin	107	PP	LinStatic	-2,96	-55,19	-13,49
89	89	Shell-Thin	96	PP	LinStatic	-6,92	-55,98	-12,47
89	89	Shell-Thin	95	PP	LinStatic	-9,06	-66,66	-16,08
89	89	Shell-Thin	106	STER	LinStatic	0	0	0
89	89	Shell-Thin	107	STER	LinStatic	0	0	0
89	89	Shell-Thin	96	STER	LinStatic	0	0	0
89	89	Shell-Thin	95	STER	LinStatic	0	0	0
89	89	Shell-Thin	106	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	107	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	96	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	95	SSOVR	LinStatic	0	0	0
89	89	Shell-Thin	106	INERZIA	LinStatic	0	0	0
89	89	Shell-Thin	107	INERZIA	LinStatic	0	0	0
89	89	Shell-Thin	96	INERZIA	LinStatic	0	0	0
89	89	Shell-Thin	95	INERZIA	LinStatic	0	0	0
89	89	Shell-Thin	106	INCRSIS	LinStatic	0	0	0
89	89	Shell-Thin	107	INCRSIS	LinStatic	0	0	0
89	89	Shell-Thin	96	INCRSIS	LinStatic	0	0	0
89	89	Shell-Thin	95	INCRSIS	LinStatic	0	0	0
90	90	Shell-Thin	107	PP	LinStatic	-8,37	-56,27	-9,54
90	90	Shell-Thin	108	PP	LinStatic	-6,3	-45,92	-5,57
90	90	Shell-Thin	97	PP	LinStatic	-9,17	-46,49	-4,1
90	90	Shell-Thin	96	PP	LinStatic	-11,24	-56,84	-8,07
90	90	Shell-Thin	107	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
90	90	Shell-Thin	108	STER	LinStatic	0	0	0
90	90	Shell-Thin	97	STER	LinStatic	0	0	0
90	90	Shell-Thin	96	STER	LinStatic	0	0	0
90	90	Shell-Thin	107	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	108	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	97	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	96	SSOVR	LinStatic	0	0	0
90	90	Shell-Thin	107	INERZIA	LinStatic	0	0	0
90	90	Shell-Thin	108	INERZIA	LinStatic	0	0	0
90	90	Shell-Thin	97	INERZIA	LinStatic	0	0	0
90	90	Shell-Thin	96	INERZIA	LinStatic	0	0	0
90	90	Shell-Thin	107	INCRSIS	LinStatic	0	0	0
90	90	Shell-Thin	108	INCRSIS	LinStatic	0	0	0
90	90	Shell-Thin	97	INCRSIS	LinStatic	0	0	0
90	90	Shell-Thin	96	INCRSIS	LinStatic	0	0	0
91	91	Shell-Thin	108	PP	LinStatic	-11,13	-46,88	-0,87
91	91	Shell-Thin	109	PP	LinStatic	-9,31	-37,79	3,88
91	91	Shell-Thin	98	PP	LinStatic	-11,51	-38,23	4,93
91	91	Shell-Thin	97	PP	LinStatic	-13,33	-47,32	0,18
91	91	Shell-Thin	108	STER	LinStatic	0	0	0
91	91	Shell-Thin	109	STER	LinStatic	0	0	0
91	91	Shell-Thin	98	STER	LinStatic	0	0	0
91	91	Shell-Thin	97	STER	LinStatic	0	0	0
91	91	Shell-Thin	108	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	109	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	98	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	97	SSOVR	LinStatic	0	0	0
91	91	Shell-Thin	108	INERZIA	LinStatic	0	0	0
91	91	Shell-Thin	109	INERZIA	LinStatic	0	0	0
91	91	Shell-Thin	98	INERZIA	LinStatic	0	0	0
91	91	Shell-Thin	97	INERZIA	LinStatic	0	0	0
91	91	Shell-Thin	108	INCRSIS	LinStatic	0	0	0
91	91	Shell-Thin	109	INCRSIS	LinStatic	0	0	0
91	91	Shell-Thin	98	INCRSIS	LinStatic	0	0	0
91	91	Shell-Thin	97	INCRSIS	LinStatic	0	0	0
92	92	Shell-Thin	109	PP	LinStatic	-14,05	-38,73	7,74
92	92	Shell-Thin	110	PP	LinStatic	-12,29	-29,96	13,22
92	92	Shell-Thin	99	PP	LinStatic	-13,65	-30,23	14,86
92	92	Shell-Thin	98	PP	LinStatic	-15,41	-39,01	9,38
92	92	Shell-Thin	109	STER	LinStatic	0	0	0
92	92	Shell-Thin	110	STER	LinStatic	0	0	0
92	92	Shell-Thin	99	STER	LinStatic	0	0	0
92	92	Shell-Thin	98	STER	LinStatic	0	0	0
92	92	Shell-Thin	109	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	110	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	99	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	98	SSOVR	LinStatic	0	0	0
92	92	Shell-Thin	109	INERZIA	LinStatic	0	0	0
92	92	Shell-Thin	110	INERZIA	LinStatic	0	0	0
92	92	Shell-Thin	99	INERZIA	LinStatic	0	0	0
92	92	Shell-Thin	98	INERZIA	LinStatic	0	0	0
92	92	Shell-Thin	109	INCRSIS	LinStatic	0	0	0
92	92	Shell-Thin	110	INCRSIS	LinStatic	0	0	0
92	92	Shell-Thin	99	INCRSIS	LinStatic	0	0	0
92	92	Shell-Thin	98	INCRSIS	LinStatic	0	0	0
93	93	Shell-Thin	110	PP	LinStatic	-17,5	-31	19,21
93	93	Shell-Thin	111	PP	LinStatic	-15,31	-20,02	24,98
93	93	Shell-Thin	100	PP	LinStatic	-16,17	-20,2	26,23
93	93	Shell-Thin	99	PP	LinStatic	-18,37	-31,18	20,45
93	93	Shell-Thin	110	STER	LinStatic	0	0	0
93	93	Shell-Thin	111	STER	LinStatic	0	0	0
93	93	Shell-Thin	100	STER	LinStatic	0	0	0
93	93	Shell-Thin	99	STER	LinStatic	0	0	0
93	93	Shell-Thin	110	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	111	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	100	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	99	SSOVR	LinStatic	0	0	0
93	93	Shell-Thin	110	INERZIA	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
93	93	Shell-Thin	111	INERZIA	LinStatic	0	0	0
93	93	Shell-Thin	100	INERZIA	LinStatic	0	0	0
93	93	Shell-Thin	99	INERZIA	LinStatic	0	0	0
93	93	Shell-Thin	110	INCRSIS	LinStatic	0	0	0
93	93	Shell-Thin	111	INCRSIS	LinStatic	0	0	0
93	93	Shell-Thin	100	INCRSIS	LinStatic	0	0	0
93	93	Shell-Thin	99	INCRSIS	LinStatic	0	0	0
94	94	Shell-Thin	111	PP	LinStatic	-21,08	-21,18	31,01
94	94	Shell-Thin	112	PP	LinStatic	-19,18	-11,7	41,12
94	94	Shell-Thin	101	PP	LinStatic	-19,24	-11,71	42,52
94	94	Shell-Thin	100	PP	LinStatic	-21,13	-21,19	32,42
94	94	Shell-Thin	111	STER	LinStatic	0	0	0
94	94	Shell-Thin	112	STER	LinStatic	0	0	0
94	94	Shell-Thin	101	STER	LinStatic	0	0	0
94	94	Shell-Thin	100	STER	LinStatic	0	0	0
94	94	Shell-Thin	111	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	112	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	101	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	100	SSOVR	LinStatic	0	0	0
94	94	Shell-Thin	111	INERZIA	LinStatic	0	0	0
94	94	Shell-Thin	112	INERZIA	LinStatic	0	0	0
94	94	Shell-Thin	101	INERZIA	LinStatic	0	0	0
94	94	Shell-Thin	100	INERZIA	LinStatic	0	0	0
94	94	Shell-Thin	111	INCRSIS	LinStatic	0	0	0
94	94	Shell-Thin	112	INCRSIS	LinStatic	0	0	0
94	94	Shell-Thin	101	INCRSIS	LinStatic	0	0	0
94	94	Shell-Thin	100	INCRSIS	LinStatic	0	0	0
95	95	Shell-Thin	112	PP	LinStatic	-24,52	-12,76	61,82
95	95	Shell-Thin	113	PP	LinStatic	-22,88	-4,58	37,2
95	95	Shell-Thin	102	PP	LinStatic	-21,88	-4,38	38,32
95	95	Shell-Thin	101	PP	LinStatic	-23,52	-12,56	62,94
95	95	Shell-Thin	112	STER	LinStatic	0	0	0
95	95	Shell-Thin	113	STER	LinStatic	0	0	0
95	95	Shell-Thin	102	STER	LinStatic	0	0	0
95	95	Shell-Thin	101	STER	LinStatic	0	0	0
95	95	Shell-Thin	112	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	113	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	102	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	101	SSOVR	LinStatic	0	0	0
95	95	Shell-Thin	112	INERZIA	LinStatic	0	0	0
95	95	Shell-Thin	113	INERZIA	LinStatic	0	0	0
95	95	Shell-Thin	102	INERZIA	LinStatic	0	0	0
95	95	Shell-Thin	101	INERZIA	LinStatic	0	0	0
95	95	Shell-Thin	112	INCRSIS	LinStatic	0	0	0
95	95	Shell-Thin	113	INCRSIS	LinStatic	0	0	0
95	95	Shell-Thin	102	INCRSIS	LinStatic	0	0	0
95	95	Shell-Thin	101	INCRSIS	LinStatic	0	0	0
96	96	Shell-Thin	114	PP	LinStatic	5,6	-99,29	-31,37
96	96	Shell-Thin	104	PP	LinStatic	5,24	-99,37	-31,09
96	96	Shell-Thin	103	PP	LinStatic	5,38	-98,66	-31,24
96	96	Shell-Thin	114	STER	LinStatic	0	0	0
96	96	Shell-Thin	104	STER	LinStatic	0	0	0
96	96	Shell-Thin	103	STER	LinStatic	0	0	0
96	96	Shell-Thin	114	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	104	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	103	SSOVR	LinStatic	0	0	0
96	96	Shell-Thin	114	INERZIA	LinStatic	0	0	0
96	96	Shell-Thin	104	INERZIA	LinStatic	0	0	0
96	96	Shell-Thin	103	INERZIA	LinStatic	0	0	0
96	96	Shell-Thin	114	INCRSIS	LinStatic	0	0	0
96	96	Shell-Thin	104	INCRSIS	LinStatic	0	0	0
96	96	Shell-Thin	103	INCRSIS	LinStatic	0	0	0
97	97	Shell-Thin	114	PP	LinStatic	4,11	-99,37	-31,07
97	97	Shell-Thin	115	PP	LinStatic	7,23	-83,77	-28,93
97	97	Shell-Thin	105	PP	LinStatic	2,08	-84,8	-26,7
97	97	Shell-Thin	104	PP	LinStatic	-1,04	-100,4	-28,85
97	97	Shell-Thin	114	STER	LinStatic	0	0	0
97	97	Shell-Thin	115	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
97	97	Shell-Thin	105	STER	LinStatic	0	0	0
97	97	Shell-Thin	104	STER	LinStatic	0	0	0
97	97	Shell-Thin	114	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	115	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	105	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	104	SSOVR	LinStatic	0	0	0
97	97	Shell-Thin	114	INERZIA	LinStatic	0	0	0
97	97	Shell-Thin	115	INERZIA	LinStatic	0	0	0
97	97	Shell-Thin	105	INERZIA	LinStatic	0	0	0
97	97	Shell-Thin	104	INERZIA	LinStatic	0	0	0
97	97	Shell-Thin	114	INCRSIS	LinStatic	0	0	0
97	97	Shell-Thin	115	INCRSIS	LinStatic	0	0	0
97	97	Shell-Thin	105	INCRSIS	LinStatic	0	0	0
97	97	Shell-Thin	104	INCRSIS	LinStatic	0	0	0
98	98	Shell-Thin	115	PP	LinStatic	0,88	-85,04	-25,76
98	98	Shell-Thin	116	PP	LinStatic	3,31	-72,9	-22,99
98	98	Shell-Thin	106	PP	LinStatic	-1,58	-73,88	-21,72
98	98	Shell-Thin	105	PP	LinStatic	-4,01	-86,02	-24,49
98	98	Shell-Thin	115	STER	LinStatic	0	0	0
98	98	Shell-Thin	116	STER	LinStatic	0	0	0
98	98	Shell-Thin	106	STER	LinStatic	0	0	0
98	98	Shell-Thin	105	STER	LinStatic	0	0	0
98	98	Shell-Thin	115	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	116	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	106	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	105	SSOVR	LinStatic	0	0	0
98	98	Shell-Thin	115	INERZIA	LinStatic	0	0	0
98	98	Shell-Thin	116	INERZIA	LinStatic	0	0	0
98	98	Shell-Thin	106	INERZIA	LinStatic	0	0	0
98	98	Shell-Thin	105	INERZIA	LinStatic	0	0	0
98	98	Shell-Thin	115	INCRSIS	LinStatic	0	0	0
98	98	Shell-Thin	116	INCRSIS	LinStatic	0	0	0
98	98	Shell-Thin	106	INCRSIS	LinStatic	0	0	0
98	98	Shell-Thin	105	INCRSIS	LinStatic	0	0	0
99	99	Shell-Thin	116	PP	LinStatic	-3,09	-74,18	-20,07
99	99	Shell-Thin	117	PP	LinStatic	-0,6	-61,74	-16,47
99	99	Shell-Thin	107	PP	LinStatic	-4,42	-62,51	-14,75
99	99	Shell-Thin	106	PP	LinStatic	-6,91	-74,95	-18,35
99	99	Shell-Thin	116	STER	LinStatic	0	0	0
99	99	Shell-Thin	117	STER	LinStatic	0	0	0
99	99	Shell-Thin	107	STER	LinStatic	0	0	0
99	99	Shell-Thin	106	STER	LinStatic	0	0	0
99	99	Shell-Thin	116	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	117	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	107	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	106	SSOVR	LinStatic	0	0	0
99	99	Shell-Thin	116	INERZIA	LinStatic	0	0	0
99	99	Shell-Thin	117	INERZIA	LinStatic	0	0	0
99	99	Shell-Thin	107	INERZIA	LinStatic	0	0	0
99	99	Shell-Thin	106	INERZIA	LinStatic	0	0	0
99	99	Shell-Thin	116	INCRSIS	LinStatic	0	0	0
99	99	Shell-Thin	117	INCRSIS	LinStatic	0	0	0
99	99	Shell-Thin	107	INCRSIS	LinStatic	0	0	0
99	99	Shell-Thin	106	INCRSIS	LinStatic	0	0	0
100	100	Shell-Thin	117	PP	LinStatic	-6,45	-62,91	-12,08
100	100	Shell-Thin	118	PP	LinStatic	-4,06	-50,96	-7,99
100	100	Shell-Thin	108	PP	LinStatic	-7,44	-51,64	-6,71
100	100	Shell-Thin	107	PP	LinStatic	-9,83	-63,59	-10,8
100	100	Shell-Thin	117	STER	LinStatic	0	0	0
100	100	Shell-Thin	118	STER	LinStatic	0	0	0
100	100	Shell-Thin	108	STER	LinStatic	0	0	0
100	100	Shell-Thin	107	STER	LinStatic	0	0	0
100	100	Shell-Thin	117	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	118	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	108	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	107	SSOVR	LinStatic	0	0	0
100	100	Shell-Thin	117	INERZIA	LinStatic	0	0	0
100	100	Shell-Thin	118	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
100	100	Shell-Thin	108	INERZIA	LinStatic	0	0	0
100	100	Shell-Thin	107	INERZIA	LinStatic	0	0	0
100	100	Shell-Thin	117	INCRSIS	LinStatic	0	0	0
100	100	Shell-Thin	118	INCRSIS	LinStatic	0	0	0
100	100	Shell-Thin	108	INCRSIS	LinStatic	0	0	0
100	100	Shell-Thin	107	INCRSIS	LinStatic	0	0	0
101	101	Shell-Thin	118	PP	LinStatic	-9,87	-52,13	-3,84
101	101	Shell-Thin	119	PP	LinStatic	-7,89	-42,18	0,64
101	101	Shell-Thin	109	PP	LinStatic	-10,28	-42,66	2,48
101	101	Shell-Thin	108	PP	LinStatic	-12,27	-52,61	-2,01
101	101	Shell-Thin	118	STER	LinStatic	0	0	0
101	101	Shell-Thin	119	STER	LinStatic	0	0	0
101	101	Shell-Thin	109	STER	LinStatic	0	0	0
101	101	Shell-Thin	108	STER	LinStatic	0	0	0
101	101	Shell-Thin	118	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	119	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	109	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	108	SSOVR	LinStatic	0	0	0
101	101	Shell-Thin	118	INERZIA	LinStatic	0	0	0
101	101	Shell-Thin	119	INERZIA	LinStatic	0	0	0
101	101	Shell-Thin	109	INERZIA	LinStatic	0	0	0
101	101	Shell-Thin	108	INERZIA	LinStatic	0	0	0
101	101	Shell-Thin	118	INCRSIS	LinStatic	0	0	0
101	101	Shell-Thin	119	INCRSIS	LinStatic	0	0	0
101	101	Shell-Thin	109	INCRSIS	LinStatic	0	0	0
101	101	Shell-Thin	108	INCRSIS	LinStatic	0	0	0
102	102	Shell-Thin	119	PP	LinStatic	-13	-43,2	4,97
102	102	Shell-Thin	120	PP	LinStatic	-11,01	-33,29	10,63
102	102	Shell-Thin	110	PP	LinStatic	-13,04	-33,69	11,99
102	102	Shell-Thin	109	PP	LinStatic	-15,02	-43,61	6,34
102	102	Shell-Thin	119	STER	LinStatic	0	0	0
102	102	Shell-Thin	120	STER	LinStatic	0	0	0
102	102	Shell-Thin	110	STER	LinStatic	0	0	0
102	102	Shell-Thin	109	STER	LinStatic	0	0	0
102	102	Shell-Thin	119	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	120	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	110	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	109	SSOVR	LinStatic	0	0	0
102	102	Shell-Thin	119	INERZIA	LinStatic	0	0	0
102	102	Shell-Thin	120	INERZIA	LinStatic	0	0	0
102	102	Shell-Thin	110	INERZIA	LinStatic	0	0	0
102	102	Shell-Thin	109	INERZIA	LinStatic	0	0	0
102	102	Shell-Thin	119	INCRSIS	LinStatic	0	0	0
102	102	Shell-Thin	120	INCRSIS	LinStatic	0	0	0
102	102	Shell-Thin	110	INCRSIS	LinStatic	0	0	0
102	102	Shell-Thin	109	INCRSIS	LinStatic	0	0	0
103	103	Shell-Thin	120	PP	LinStatic	-17,04	-34,49	16,14
103	103	Shell-Thin	121	PP	LinStatic	-14,67	-22,67	21,76
103	103	Shell-Thin	111	PP	LinStatic	-15,89	-22,92	23,6
103	103	Shell-Thin	110	PP	LinStatic	-18,25	-34,74	17,98
103	103	Shell-Thin	120	STER	LinStatic	0	0	0
103	103	Shell-Thin	121	STER	LinStatic	0	0	0
103	103	Shell-Thin	111	STER	LinStatic	0	0	0
103	103	Shell-Thin	110	STER	LinStatic	0	0	0
103	103	Shell-Thin	120	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	121	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	111	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	110	SSOVR	LinStatic	0	0	0
103	103	Shell-Thin	120	INERZIA	LinStatic	0	0	0
103	103	Shell-Thin	121	INERZIA	LinStatic	0	0	0
103	103	Shell-Thin	111	INERZIA	LinStatic	0	0	0
103	103	Shell-Thin	110	INERZIA	LinStatic	0	0	0
103	103	Shell-Thin	120	INCRSIS	LinStatic	0	0	0
103	103	Shell-Thin	121	INCRSIS	LinStatic	0	0	0
103	103	Shell-Thin	111	INCRSIS	LinStatic	0	0	0
103	103	Shell-Thin	110	INCRSIS	LinStatic	0	0	0
104	104	Shell-Thin	121	PP	LinStatic	-21,01	-23,94	28,23
104	104	Shell-Thin	122	PP	LinStatic	-18,84	-13,11	38,5

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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
104	104	Shell-Thin	112	PP	LinStatic	-19,49	-13,24	39,9
104	104	Shell-Thin	111	PP	LinStatic	-21,66	-24,07	29,63
104	104	Shell-Thin	121	STER	LinStatic	0	0	0
104	104	Shell-Thin	122	STER	LinStatic	0	0	0
104	104	Shell-Thin	112	STER	LinStatic	0	0	0
104	104	Shell-Thin	111	STER	LinStatic	0	0	0
104	104	Shell-Thin	121	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	122	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	112	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	111	SSOVR	LinStatic	0	0	0
104	104	Shell-Thin	121	INERZIA	LinStatic	0	0	0
104	104	Shell-Thin	122	INERZIA	LinStatic	0	0	0
104	104	Shell-Thin	112	INERZIA	LinStatic	0	0	0
104	104	Shell-Thin	111	INERZIA	LinStatic	0	0	0
104	104	Shell-Thin	121	INCRSIS	LinStatic	0	0	0
104	104	Shell-Thin	122	INCRSIS	LinStatic	0	0	0
104	104	Shell-Thin	112	INCRSIS	LinStatic	0	0	0
104	104	Shell-Thin	111	INCRSIS	LinStatic	0	0	0
105	105	Shell-Thin	122	PP	LinStatic	-25,3	-14,4	58,23
105	105	Shell-Thin	123	PP	LinStatic	-23,35	-4,67	34,83
105	105	Shell-Thin	113	PP	LinStatic	-22,88	-4,58	37,2
105	105	Shell-Thin	112	PP	LinStatic	-24,83	-14,31	60,6
105	105	Shell-Thin	122	STER	LinStatic	0	0	0
105	105	Shell-Thin	123	STER	LinStatic	0	0	0
105	105	Shell-Thin	113	STER	LinStatic	0	0	0
105	105	Shell-Thin	112	STER	LinStatic	0	0	0
105	105	Shell-Thin	122	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	123	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	113	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	112	SSOVR	LinStatic	0	0	0
105	105	Shell-Thin	122	INERZIA	LinStatic	0	0	0
105	105	Shell-Thin	123	INERZIA	LinStatic	0	0	0
105	105	Shell-Thin	113	INERZIA	LinStatic	0	0	0
105	105	Shell-Thin	112	INERZIA	LinStatic	0	0	0
105	105	Shell-Thin	122	INCRSIS	LinStatic	0	0	0
105	105	Shell-Thin	123	INCRSIS	LinStatic	0	0	0
105	105	Shell-Thin	113	INCRSIS	LinStatic	0	0	0
105	105	Shell-Thin	112	INCRSIS	LinStatic	0	0	0
106	106	Shell-Thin	124	PP	LinStatic	5,29	-96,94	-30,66
106	106	Shell-Thin	115	PP	LinStatic	4,21	-97,15	-30,77
106	106	Shell-Thin	114	PP	LinStatic	4,16	-97,43	-31,2
106	106	Shell-Thin	124	STER	LinStatic	0	0	0
106	106	Shell-Thin	115	STER	LinStatic	0	0	0
106	106	Shell-Thin	114	STER	LinStatic	0	0	0
106	106	Shell-Thin	124	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	115	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	114	SSOVR	LinStatic	0	0	0
106	106	Shell-Thin	124	INERZIA	LinStatic	0	0	0
106	106	Shell-Thin	115	INERZIA	LinStatic	0	0	0
106	106	Shell-Thin	114	INERZIA	LinStatic	0	0	0
106	106	Shell-Thin	124	INCRSIS	LinStatic	0	0	0
106	106	Shell-Thin	115	INCRSIS	LinStatic	0	0	0
106	106	Shell-Thin	114	INCRSIS	LinStatic	0	0	0
107	107	Shell-Thin	124	PP	LinStatic	4,05	-97,27	-29,92
107	107	Shell-Thin	125	PP	LinStatic	7,36	-80,7	-27,16
107	107	Shell-Thin	116	PP	LinStatic	1,52	-81,86	-24,62
107	107	Shell-Thin	115	PP	LinStatic	-1,8	-98,44	-27,39
107	107	Shell-Thin	124	STER	LinStatic	0	0	0
107	107	Shell-Thin	125	STER	LinStatic	0	0	0
107	107	Shell-Thin	116	STER	LinStatic	0	0	0
107	107	Shell-Thin	115	STER	LinStatic	0	0	0
107	107	Shell-Thin	124	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	125	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	116	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	115	SSOVR	LinStatic	0	0	0
107	107	Shell-Thin	124	INERZIA	LinStatic	0	0	0
107	107	Shell-Thin	125	INERZIA	LinStatic	0	0	0
107	107	Shell-Thin	116	INERZIA	LinStatic	0	0	0

Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
107	107	Shell-Thin	115	INERZIA	LinStatic	0	0	0
107	107	Shell-Thin	124	INCRSIS	LinStatic	0	0	0
107	107	Shell-Thin	125	INCRSIS	LinStatic	0	0	0
107	107	Shell-Thin	116	INCRSIS	LinStatic	0	0	0
107	107	Shell-Thin	115	INCRSIS	LinStatic	0	0	0
108	108	Shell-Thin	125	PP	LinStatic	0,52	-82,06	-23,07
108	108	Shell-Thin	126	PP	LinStatic	3,16	-68,85	-19,37
108	108	Shell-Thin	117	PP	LinStatic	-2,24	-69,93	-18,01
108	108	Shell-Thin	116	PP	LinStatic	-4,88	-83,14	-21,71
108	108	Shell-Thin	125	STER	LinStatic	0	0	0
108	108	Shell-Thin	126	STER	LinStatic	0	0	0
108	108	Shell-Thin	117	STER	LinStatic	0	0	0
108	108	Shell-Thin	116	STER	LinStatic	0	0	0
108	108	Shell-Thin	125	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	126	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	117	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	116	SSOVR	LinStatic	0	0	0
108	108	Shell-Thin	125	INERZIA	LinStatic	0	0	0
108	108	Shell-Thin	126	INERZIA	LinStatic	0	0	0
108	108	Shell-Thin	117	INERZIA	LinStatic	0	0	0
108	108	Shell-Thin	116	INERZIA	LinStatic	0	0	0
108	108	Shell-Thin	125	INCRSIS	LinStatic	0	0	0
108	108	Shell-Thin	126	INCRSIS	LinStatic	0	0	0
108	108	Shell-Thin	117	INCRSIS	LinStatic	0	0	0
108	108	Shell-Thin	116	INCRSIS	LinStatic	0	0	0
109	109	Shell-Thin	126	PP	LinStatic	-4	-70,28	-15,67
109	109	Shell-Thin	127	PP	LinStatic	-1,29	-56,71	-11,83
109	109	Shell-Thin	118	PP	LinStatic	-5,37	-57,53	-9,78
109	109	Shell-Thin	117	PP	LinStatic	-8,09	-71,1	-13,62
109	109	Shell-Thin	126	STER	LinStatic	0	0	0
109	109	Shell-Thin	127	STER	LinStatic	0	0	0
109	109	Shell-Thin	118	STER	LinStatic	0	0	0
109	109	Shell-Thin	117	STER	LinStatic	0	0	0
109	109	Shell-Thin	126	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	127	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	118	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	117	SSOVR	LinStatic	0	0	0
109	109	Shell-Thin	126	INERZIA	LinStatic	0	0	0
109	109	Shell-Thin	127	INERZIA	LinStatic	0	0	0
109	109	Shell-Thin	118	INERZIA	LinStatic	0	0	0
109	109	Shell-Thin	117	INERZIA	LinStatic	0	0	0
109	109	Shell-Thin	126	INCRSIS	LinStatic	0	0	0
109	109	Shell-Thin	127	INCRSIS	LinStatic	0	0	0
109	109	Shell-Thin	118	INCRSIS	LinStatic	0	0	0
109	109	Shell-Thin	117	INCRSIS	LinStatic	0	0	0
110	110	Shell-Thin	127	PP	LinStatic	-7,43	-57,94	-7,16
110	110	Shell-Thin	128	PP	LinStatic	-5,18	-46,68	-2,48
110	110	Shell-Thin	119	PP	LinStatic	-8,94	-47,43	-0,96
110	110	Shell-Thin	118	PP	LinStatic	-11,19	-58,69	-5,64
110	110	Shell-Thin	127	STER	LinStatic	0	0	0
110	110	Shell-Thin	128	STER	LinStatic	0	0	0
110	110	Shell-Thin	119	STER	LinStatic	0	0	0
110	110	Shell-Thin	118	STER	LinStatic	0	0	0
110	110	Shell-Thin	127	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	128	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	119	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	118	SSOVR	LinStatic	0	0	0
110	110	Shell-Thin	127	INERZIA	LinStatic	0	0	0
110	110	Shell-Thin	128	INERZIA	LinStatic	0	0	0
110	110	Shell-Thin	119	INERZIA	LinStatic	0	0	0
110	110	Shell-Thin	118	INERZIA	LinStatic	0	0	0
110	110	Shell-Thin	127	INCRSIS	LinStatic	0	0	0
110	110	Shell-Thin	128	INCRSIS	LinStatic	0	0	0
110	110	Shell-Thin	119	INCRSIS	LinStatic	0	0	0
110	110	Shell-Thin	118	INCRSIS	LinStatic	0	0	0
111	111	Shell-Thin	128	PP	LinStatic	-11,28	-47,9	1,21
111	111	Shell-Thin	129	PP	LinStatic	-9,14	-37,19	6,64
111	111	Shell-Thin	120	PP	LinStatic	-11,91	-37,74	8,8

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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
111	111	Shell-Thin	119	PP	LinStatic	-14,05	-48,46	3,38
111	111	Shell-Thin	128	STER	LinStatic	0	0	0
111	111	Shell-Thin	129	STER	LinStatic	0	0	0
111	111	Shell-Thin	120	STER	LinStatic	0	0	0
111	111	Shell-Thin	119	STER	LinStatic	0	0	0
111	111	Shell-Thin	128	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	129	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	120	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	119	SSOVR	LinStatic	0	0	0
111	111	Shell-Thin	128	INERZIA	LinStatic	0	0	0
111	111	Shell-Thin	129	INERZIA	LinStatic	0	0	0
111	111	Shell-Thin	120	INERZIA	LinStatic	0	0	0
111	111	Shell-Thin	119	INERZIA	LinStatic	0	0	0
111	111	Shell-Thin	128	INCRSIS	LinStatic	0	0	0
111	111	Shell-Thin	129	INCRSIS	LinStatic	0	0	0
111	111	Shell-Thin	120	INCRSIS	LinStatic	0	0	0
111	111	Shell-Thin	119	INCRSIS	LinStatic	0	0	0
112	112	Shell-Thin	129	PP	LinStatic	-15,72	-38,51	12,73
112	112	Shell-Thin	130	PP	LinStatic	-13,05	-25,15	18,43
112	112	Shell-Thin	121	PP	LinStatic	-15,26	-25,59	20,01
112	112	Shell-Thin	120	PP	LinStatic	-17,93	-38,95	14,31
112	112	Shell-Thin	129	STER	LinStatic	0	0	0
112	112	Shell-Thin	130	STER	LinStatic	0	0	0
112	112	Shell-Thin	121	STER	LinStatic	0	0	0
112	112	Shell-Thin	120	STER	LinStatic	0	0	0
112	112	Shell-Thin	129	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	130	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	121	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	120	SSOVR	LinStatic	0	0	0
112	112	Shell-Thin	129	INERZIA	LinStatic	0	0	0
112	112	Shell-Thin	130	INERZIA	LinStatic	0	0	0
112	112	Shell-Thin	121	INERZIA	LinStatic	0	0	0
112	112	Shell-Thin	120	INERZIA	LinStatic	0	0	0
112	112	Shell-Thin	129	INCRSIS	LinStatic	0	0	0
112	112	Shell-Thin	130	INCRSIS	LinStatic	0	0	0
112	112	Shell-Thin	121	INCRSIS	LinStatic	0	0	0
112	112	Shell-Thin	120	INCRSIS	LinStatic	0	0	0
113	113	Shell-Thin	130	PP	LinStatic	-20,49	-26,64	24,34
113	113	Shell-Thin	131	PP	LinStatic	-18,08	-14,6	34,94
113	113	Shell-Thin	122	PP	LinStatic	-19,18	-14,82	37,07
113	113	Shell-Thin	121	PP	LinStatic	-21,59	-26,86	26,48
113	113	Shell-Thin	130	STER	LinStatic	0	0	0
113	113	Shell-Thin	131	STER	LinStatic	0	0	0
113	113	Shell-Thin	122	STER	LinStatic	0	0	0
113	113	Shell-Thin	121	STER	LinStatic	0	0	0
113	113	Shell-Thin	130	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	131	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	122	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	121	SSOVR	LinStatic	0	0	0
113	113	Shell-Thin	130	INERZIA	LinStatic	0	0	0
113	113	Shell-Thin	131	INERZIA	LinStatic	0	0	0
113	113	Shell-Thin	122	INERZIA	LinStatic	0	0	0
113	113	Shell-Thin	121	INERZIA	LinStatic	0	0	0
113	113	Shell-Thin	130	INCRSIS	LinStatic	0	0	0
113	113	Shell-Thin	131	INCRSIS	LinStatic	0	0	0
113	113	Shell-Thin	122	INCRSIS	LinStatic	0	0	0
113	113	Shell-Thin	121	INCRSIS	LinStatic	0	0	0
114	114	Shell-Thin	131	PP	LinStatic	-25,29	-16,04	54,58
114	114	Shell-Thin	132	PP	LinStatic	-23	-4,6	32,6
114	114	Shell-Thin	123	PP	LinStatic	-23,35	-4,67	34,83
114	114	Shell-Thin	122	PP	LinStatic	-25,64	-16,11	56,8
114	114	Shell-Thin	131	STER	LinStatic	0	0	0
114	114	Shell-Thin	132	STER	LinStatic	0	0	0
114	114	Shell-Thin	123	STER	LinStatic	0	0	0
114	114	Shell-Thin	122	STER	LinStatic	0	0	0
114	114	Shell-Thin	131	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	132	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	123	SSOVR	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
114	114	Shell-Thin	122	SSOVR	LinStatic	0	0	0
114	114	Shell-Thin	131	INERZIA	LinStatic	0	0	0
114	114	Shell-Thin	132	INERZIA	LinStatic	0	0	0
114	114	Shell-Thin	123	INERZIA	LinStatic	0	0	0
114	114	Shell-Thin	122	INERZIA	LinStatic	0	0	0
114	114	Shell-Thin	131	INCRSIS	LinStatic	0	0	0
114	114	Shell-Thin	132	INCRSIS	LinStatic	0	0	0
114	114	Shell-Thin	123	INCRSIS	LinStatic	0	0	0
114	114	Shell-Thin	122	INCRSIS	LinStatic	0	0	0
115	115	Shell-Thin	133	PP	LinStatic	5,8	-93,42	-29,4
115	115	Shell-Thin	125	PP	LinStatic	4,27	-93,73	-29,43
115	115	Shell-Thin	124	PP	LinStatic	4,25	-93,79	-30,04
115	115	Shell-Thin	133	STER	LinStatic	0	0	0
115	115	Shell-Thin	125	STER	LinStatic	0	0	0
115	115	Shell-Thin	124	STER	LinStatic	0	0	0
115	115	Shell-Thin	133	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	125	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	124	SSOVR	LinStatic	0	0	0
115	115	Shell-Thin	133	INERZIA	LinStatic	0	0	0
115	115	Shell-Thin	125	INERZIA	LinStatic	0	0	0
115	115	Shell-Thin	124	INERZIA	LinStatic	0	0	0
115	115	Shell-Thin	133	INCRSIS	LinStatic	0	0	0
115	115	Shell-Thin	125	INCRSIS	LinStatic	0	0	0
115	115	Shell-Thin	124	INCRSIS	LinStatic	0	0	0
116	116	Shell-Thin	133	PP	LinStatic	3,8	-93,84	-28,02
116	116	Shell-Thin	134	PP	LinStatic	7,4	-75,83	-24,54
116	116	Shell-Thin	126	PP	LinStatic	1,53	-77	-21,46
116	116	Shell-Thin	125	PP	LinStatic	-2,07	-95,01	-24,94
116	116	Shell-Thin	133	STER	LinStatic	0	0	0
116	116	Shell-Thin	134	STER	LinStatic	0	0	0
116	116	Shell-Thin	126	STER	LinStatic	0	0	0
116	116	Shell-Thin	125	STER	LinStatic	0	0	0
116	116	Shell-Thin	133	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	134	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	126	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	125	SSOVR	LinStatic	0	0	0
116	116	Shell-Thin	133	INERZIA	LinStatic	0	0	0
116	116	Shell-Thin	134	INERZIA	LinStatic	0	0	0
116	116	Shell-Thin	126	INERZIA	LinStatic	0	0	0
116	116	Shell-Thin	125	INERZIA	LinStatic	0	0	0
116	116	Shell-Thin	133	INCRSIS	LinStatic	0	0	0
116	116	Shell-Thin	134	INCRSIS	LinStatic	0	0	0
116	116	Shell-Thin	126	INCRSIS	LinStatic	0	0	0
116	116	Shell-Thin	125	INCRSIS	LinStatic	0	0	0
117	117	Shell-Thin	134	PP	LinStatic	-0,22	-77,35	-19,45
117	117	Shell-Thin	135	PP	LinStatic	2,64	-63,06	-15,47
117	117	Shell-Thin	127	PP	LinStatic	-2,78	-64,14	-13,78
117	117	Shell-Thin	126	PP	LinStatic	-5,64	-78,44	-17,76
117	117	Shell-Thin	134	STER	LinStatic	0	0	0
117	117	Shell-Thin	135	STER	LinStatic	0	0	0
117	117	Shell-Thin	127	STER	LinStatic	0	0	0
117	117	Shell-Thin	126	STER	LinStatic	0	0	0
117	117	Shell-Thin	134	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	135	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	127	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	126	SSOVR	LinStatic	0	0	0
117	117	Shell-Thin	134	INERZIA	LinStatic	0	0	0
117	117	Shell-Thin	135	INERZIA	LinStatic	0	0	0
117	117	Shell-Thin	127	INERZIA	LinStatic	0	0	0
117	117	Shell-Thin	126	INERZIA	LinStatic	0	0	0
117	117	Shell-Thin	134	INCRSIS	LinStatic	0	0	0
117	117	Shell-Thin	135	INCRSIS	LinStatic	0	0	0
117	117	Shell-Thin	127	INCRSIS	LinStatic	0	0	0
117	117	Shell-Thin	126	INCRSIS	LinStatic	0	0	0
118	118	Shell-Thin	135	PP	LinStatic	-4,87	-64,56	-11,71
118	118	Shell-Thin	136	PP	LinStatic	-2,36	-51,99	-7,39
118	118	Shell-Thin	128	PP	LinStatic	-6,4	-52,8	-4,8
118	118	Shell-Thin	127	PP	LinStatic	-8,91	-65,37	-9,11



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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
118	118	Shell-Thin	135	STER	LinStatic	0	0	0
118	118	Shell-Thin	136	STER	LinStatic	0	0	0
118	118	Shell-Thin	128	STER	LinStatic	0	0	0
118	118	Shell-Thin	127	STER	LinStatic	0	0	0
118	118	Shell-Thin	135	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	136	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	128	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	127	SSOVR	LinStatic	0	0	0
118	118	Shell-Thin	135	INERZIA	LinStatic	0	0	0
118	118	Shell-Thin	136	INERZIA	LinStatic	0	0	0
118	118	Shell-Thin	128	INERZIA	LinStatic	0	0	0
118	118	Shell-Thin	127	INERZIA	LinStatic	0	0	0
118	118	Shell-Thin	135	INCRSIS	LinStatic	0	0	0
118	118	Shell-Thin	136	INCRSIS	LinStatic	0	0	0
118	118	Shell-Thin	128	INCRSIS	LinStatic	0	0	0
118	118	Shell-Thin	127	INCRSIS	LinStatic	0	0	0
119	119	Shell-Thin	136	PP	LinStatic	-8,65	-53,25	-2,98
119	119	Shell-Thin	137	PP	LinStatic	-6,22	-41,1	2,7
119	119	Shell-Thin	129	PP	LinStatic	-10,08	-41,87	4,58
119	119	Shell-Thin	128	PP	LinStatic	-12,51	-54,02	-1,1
119	119	Shell-Thin	136	STER	LinStatic	0	0	0
119	119	Shell-Thin	137	STER	LinStatic	0	0	0
119	119	Shell-Thin	129	STER	LinStatic	0	0	0
119	119	Shell-Thin	128	STER	LinStatic	0	0	0
119	119	Shell-Thin	136	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	137	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	129	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	128	SSOVR	LinStatic	0	0	0
119	119	Shell-Thin	136	INERZIA	LinStatic	0	0	0
119	119	Shell-Thin	137	INERZIA	LinStatic	0	0	0
119	119	Shell-Thin	129	INERZIA	LinStatic	0	0	0
119	119	Shell-Thin	128	INERZIA	LinStatic	0	0	0
119	119	Shell-Thin	136	INCRSIS	LinStatic	0	0	0
119	119	Shell-Thin	137	INCRSIS	LinStatic	0	0	0
119	119	Shell-Thin	129	INCRSIS	LinStatic	0	0	0
119	119	Shell-Thin	128	INCRSIS	LinStatic	0	0	0
120	120	Shell-Thin	137	PP	LinStatic	-13,91	-42,64	8,03
120	120	Shell-Thin	138	PP	LinStatic	-10,98	-28,03	13,56
120	120	Shell-Thin	130	PP	LinStatic	-13,74	-28,58	16,21
120	120	Shell-Thin	129	PP	LinStatic	-16,66	-43,19	10,68
120	120	Shell-Thin	137	STER	LinStatic	0	0	0
120	120	Shell-Thin	138	STER	LinStatic	0	0	0
120	120	Shell-Thin	130	STER	LinStatic	0	0	0
120	120	Shell-Thin	129	STER	LinStatic	0	0	0
120	120	Shell-Thin	137	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	138	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	130	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	129	SSOVR	LinStatic	0	0	0
120	120	Shell-Thin	137	INERZIA	LinStatic	0	0	0
120	120	Shell-Thin	138	INERZIA	LinStatic	0	0	0
120	120	Shell-Thin	130	INERZIA	LinStatic	0	0	0
120	120	Shell-Thin	129	INERZIA	LinStatic	0	0	0
120	120	Shell-Thin	137	INCRSIS	LinStatic	0	0	0
120	120	Shell-Thin	138	INCRSIS	LinStatic	0	0	0
120	120	Shell-Thin	130	INCRSIS	LinStatic	0	0	0
120	120	Shell-Thin	129	INCRSIS	LinStatic	0	0	0
121	121	Shell-Thin	138	PP	LinStatic	-19,16	-29,66	20,3
121	121	Shell-Thin	139	PP	LinStatic	-16,4	-15,85	30,9
121	121	Shell-Thin	131	PP	LinStatic	-18,41	-16,25	32,72
121	121	Shell-Thin	130	PP	LinStatic	-21,18	-30,06	22,12
121	121	Shell-Thin	138	STER	LinStatic	0	0	0
121	121	Shell-Thin	139	STER	LinStatic	0	0	0
121	121	Shell-Thin	131	STER	LinStatic	0	0	0
121	121	Shell-Thin	130	STER	LinStatic	0	0	0
121	121	Shell-Thin	138	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	139	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	131	SSOVR	LinStatic	0	0	0
121	121	Shell-Thin	130	SSOVR	LinStatic	0	0	0



Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
121	121	Shell-Thin	138	INERZIA	LinStatic	0	0	0
121	121	Shell-Thin	139	INERZIA	LinStatic	0	0	0
121	121	Shell-Thin	131	INERZIA	LinStatic	0	0	0
121	121	Shell-Thin	130	INERZIA	LinStatic	0	0	0
121	121	Shell-Thin	138	INCRSIS	LinStatic	0	0	0
121	121	Shell-Thin	139	INCRSIS	LinStatic	0	0	0
121	121	Shell-Thin	131	INCRSIS	LinStatic	0	0	0
121	121	Shell-Thin	130	INCRSIS	LinStatic	0	0	0
122	122	Shell-Thin	139	PP	LinStatic	-24,67	-17,5	49,08
122	122	Shell-Thin	140	PP	LinStatic	-22,06	-4,41	29,32
122	122	Shell-Thin	132	PP	LinStatic	-23	-4,6	32,6
122	122	Shell-Thin	131	PP	LinStatic	-25,62	-17,69	52,36
122	122	Shell-Thin	139	STER	LinStatic	0	0	0
122	122	Shell-Thin	140	STER	LinStatic	0	0	0
122	122	Shell-Thin	132	STER	LinStatic	0	0	0
122	122	Shell-Thin	131	STER	LinStatic	0	0	0
122	122	Shell-Thin	139	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	140	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	132	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	131	SSOVR	LinStatic	0	0	0
122	122	Shell-Thin	139	INERZIA	LinStatic	0	0	0
122	122	Shell-Thin	140	INERZIA	LinStatic	0	0	0
122	122	Shell-Thin	132	INERZIA	LinStatic	0	0	0
122	122	Shell-Thin	131	INERZIA	LinStatic	0	0	0
122	122	Shell-Thin	139	INCRSIS	LinStatic	0	0	0
122	122	Shell-Thin	140	INCRSIS	LinStatic	0	0	0
122	122	Shell-Thin	132	INCRSIS	LinStatic	0	0	0
122	122	Shell-Thin	131	INCRSIS	LinStatic	0	0	0
123	123	Shell-Thin	141	PP	LinStatic	6,47	-87,48	-27,32
123	123	Shell-Thin	134	PP	LinStatic	4,28	-87,92	-27,24
123	123	Shell-Thin	133	PP	LinStatic	4,32	-87,72	-28,12
123	123	Shell-Thin	141	STER	LinStatic	0	0	0
123	123	Shell-Thin	134	STER	LinStatic	0	0	0
123	123	Shell-Thin	133	STER	LinStatic	0	0	0
123	123	Shell-Thin	141	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	134	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	133	SSOVR	LinStatic	0	0	0
123	123	Shell-Thin	141	INERZIA	LinStatic	0	0	0
123	123	Shell-Thin	134	INERZIA	LinStatic	0	0	0
123	123	Shell-Thin	133	INERZIA	LinStatic	0	0	0
123	123	Shell-Thin	141	INCRSIS	LinStatic	0	0	0
123	123	Shell-Thin	134	INCRSIS	LinStatic	0	0	0
123	123	Shell-Thin	133	INCRSIS	LinStatic	0	0	0
124	124	Shell-Thin	141	PP	LinStatic	3,33	-88,05	-25,13
124	124	Shell-Thin	142	PP	LinStatic	7,2	-68,68	-21,47
124	124	Shell-Thin	135	PP	LinStatic	1,28	-69,86	-17,85
124	124	Shell-Thin	134	PP	LinStatic	-2,59	-89,23	-21,51
124	124	Shell-Thin	141	STER	LinStatic	0	0	0
124	124	Shell-Thin	142	STER	LinStatic	0	0	0
124	124	Shell-Thin	135	STER	LinStatic	0	0	0
124	124	Shell-Thin	134	STER	LinStatic	0	0	0
124	124	Shell-Thin	141	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	142	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	135	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	134	SSOVR	LinStatic	0	0	0
124	124	Shell-Thin	141	INERZIA	LinStatic	0	0	0
124	124	Shell-Thin	142	INERZIA	LinStatic	0	0	0
124	124	Shell-Thin	135	INERZIA	LinStatic	0	0	0
124	124	Shell-Thin	134	INERZIA	LinStatic	0	0	0
124	124	Shell-Thin	141	INCRSIS	LinStatic	0	0	0
124	124	Shell-Thin	142	INCRSIS	LinStatic	0	0	0
124	124	Shell-Thin	135	INCRSIS	LinStatic	0	0	0
124	124	Shell-Thin	134	INCRSIS	LinStatic	0	0	0
125	125	Shell-Thin	142	PP	LinStatic	-0,57	-70,23	-15,91
125	125	Shell-Thin	143	PP	LinStatic	2,02	-57,28	-11,36
125	125	Shell-Thin	136	PP	LinStatic	-3,64	-58,42	-9,54
125	125	Shell-Thin	135	PP	LinStatic	-6,23	-71,36	-14,09
125	125	Shell-Thin	142	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
125	125	Shell-Thin	143	STER	LinStatic	0	0	0
125	125	Shell-Thin	136	STER	LinStatic	0	0	0
125	125	Shell-Thin	135	STER	LinStatic	0	0	0
125	125	Shell-Thin	142	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	143	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	136	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	135	SSOVR	LinStatic	0	0	0
125	125	Shell-Thin	142	INERZIA	LinStatic	0	0	0
125	125	Shell-Thin	143	INERZIA	LinStatic	0	0	0
125	125	Shell-Thin	136	INERZIA	LinStatic	0	0	0
125	125	Shell-Thin	135	INERZIA	LinStatic	0	0	0
125	125	Shell-Thin	142	INCRSIS	LinStatic	0	0	0
125	125	Shell-Thin	143	INCRSIS	LinStatic	0	0	0
125	125	Shell-Thin	136	INCRSIS	LinStatic	0	0	0
125	125	Shell-Thin	135	INCRSIS	LinStatic	0	0	0
126	126	Shell-Thin	143	PP	LinStatic	-5,73	-58,83	-8,2
126	126	Shell-Thin	144	PP	LinStatic	-3,05	-45,42	-2,91
126	126	Shell-Thin	137	PP	LinStatic	-7,25	-46,26	0,16
126	126	Shell-Thin	136	PP	LinStatic	-9,93	-59,67	-5,12
126	126	Shell-Thin	143	STER	LinStatic	0	0	0
126	126	Shell-Thin	144	STER	LinStatic	0	0	0
126	126	Shell-Thin	137	STER	LinStatic	0	0	0
126	126	Shell-Thin	136	STER	LinStatic	0	0	0
126	126	Shell-Thin	143	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	144	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	137	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	136	SSOVR	LinStatic	0	0	0
126	126	Shell-Thin	143	INERZIA	LinStatic	0	0	0
126	126	Shell-Thin	144	INERZIA	LinStatic	0	0	0
126	126	Shell-Thin	137	INERZIA	LinStatic	0	0	0
126	126	Shell-Thin	136	INERZIA	LinStatic	0	0	0
126	126	Shell-Thin	143	INCRSIS	LinStatic	0	0	0
126	126	Shell-Thin	144	INCRSIS	LinStatic	0	0	0
126	126	Shell-Thin	137	INCRSIS	LinStatic	0	0	0
126	126	Shell-Thin	136	INCRSIS	LinStatic	0	0	0
127	127	Shell-Thin	144	PP	LinStatic	-11,15	-47,04	3,36
127	127	Shell-Thin	145	PP	LinStatic	-7,84	-30,5	9,16
127	127	Shell-Thin	138	PP	LinStatic	-11,63	-31,26	11,28
127	127	Shell-Thin	137	PP	LinStatic	-14,94	-47,8	5,48
127	127	Shell-Thin	144	STER	LinStatic	0	0	0
127	127	Shell-Thin	145	STER	LinStatic	0	0	0
127	127	Shell-Thin	138	STER	LinStatic	0	0	0
127	127	Shell-Thin	137	STER	LinStatic	0	0	0
127	127	Shell-Thin	144	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	145	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	138	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	137	SSOVR	LinStatic	0	0	0
127	127	Shell-Thin	144	INERZIA	LinStatic	0	0	0
127	127	Shell-Thin	145	INERZIA	LinStatic	0	0	0
127	127	Shell-Thin	138	INERZIA	LinStatic	0	0	0
127	127	Shell-Thin	137	INERZIA	LinStatic	0	0	0
127	127	Shell-Thin	144	INCRSIS	LinStatic	0	0	0
127	127	Shell-Thin	145	INCRSIS	LinStatic	0	0	0
127	127	Shell-Thin	138	INCRSIS	LinStatic	0	0	0
127	127	Shell-Thin	137	INCRSIS	LinStatic	0	0	0
128	128	Shell-Thin	145	PP	LinStatic	-17,19	-32,37	15,12
128	128	Shell-Thin	146	PP	LinStatic	-14,15	-17,17	25,46
128	128	Shell-Thin	139	PP	LinStatic	-16,76	-17,69	28,36
128	128	Shell-Thin	138	PP	LinStatic	-19,81	-32,89	18,02
128	128	Shell-Thin	145	STER	LinStatic	0	0	0
128	128	Shell-Thin	146	STER	LinStatic	0	0	0
128	128	Shell-Thin	139	STER	LinStatic	0	0	0
128	128	Shell-Thin	138	STER	LinStatic	0	0	0
128	128	Shell-Thin	145	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	146	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	139	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	138	SSOVR	LinStatic	0	0	0
128	128	Shell-Thin	145	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
128	128	Shell-Thin	146	INERZIA	LinStatic	0	0	0
128	128	Shell-Thin	139	INERZIA	LinStatic	0	0	0
128	128	Shell-Thin	138	INERZIA	LinStatic	0	0	0
128	128	Shell-Thin	145	INCRSIS	LinStatic	0	0	0
128	128	Shell-Thin	146	INCRSIS	LinStatic	0	0	0
128	128	Shell-Thin	139	INCRSIS	LinStatic	0	0	0
128	128	Shell-Thin	138	INCRSIS	LinStatic	0	0	0
129	129	Shell-Thin	146	PP	LinStatic	-23,35	-19,01	43,58
129	129	Shell-Thin	147	PP	LinStatic	-20,36	-4,07	26,35
129	129	Shell-Thin	140	PP	LinStatic	-22,06	-4,41	29,32
129	129	Shell-Thin	139	PP	LinStatic	-25,04	-19,34	46,54
129	129	Shell-Thin	146	STER	LinStatic	0	0	0
129	129	Shell-Thin	147	STER	LinStatic	0	0	0
129	129	Shell-Thin	140	STER	LinStatic	0	0	0
129	129	Shell-Thin	139	STER	LinStatic	0	0	0
129	129	Shell-Thin	146	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	147	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	140	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	139	SSOVR	LinStatic	0	0	0
129	129	Shell-Thin	146	INERZIA	LinStatic	0	0	0
129	129	Shell-Thin	147	INERZIA	LinStatic	0	0	0
129	129	Shell-Thin	140	INERZIA	LinStatic	0	0	0
129	129	Shell-Thin	139	INERZIA	LinStatic	0	0	0
129	129	Shell-Thin	146	INCRSIS	LinStatic	0	0	0
129	129	Shell-Thin	147	INCRSIS	LinStatic	0	0	0
129	129	Shell-Thin	140	INCRSIS	LinStatic	0	0	0
129	129	Shell-Thin	139	INCRSIS	LinStatic	0	0	0
130	130	Shell-Thin	148	PP	LinStatic	6,45	-79,36	-24,61
130	130	Shell-Thin	142	PP	LinStatic	4,28	-79,79	-24,55
130	130	Shell-Thin	141	PP	LinStatic	4,31	-79,64	-25,42
130	130	Shell-Thin	148	STER	LinStatic	0	0	0
130	130	Shell-Thin	142	STER	LinStatic	0	0	0
130	130	Shell-Thin	141	STER	LinStatic	0	0	0
130	130	Shell-Thin	148	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	142	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	141	SSOVR	LinStatic	0	0	0
130	130	Shell-Thin	148	INERZIA	LinStatic	0	0	0
130	130	Shell-Thin	142	INERZIA	LinStatic	0	0	0
130	130	Shell-Thin	141	INERZIA	LinStatic	0	0	0
130	130	Shell-Thin	148	INCRSIS	LinStatic	0	0	0
130	130	Shell-Thin	142	INCRSIS	LinStatic	0	0	0
130	130	Shell-Thin	141	INCRSIS	LinStatic	0	0	0
131	131	Shell-Thin	148	PP	LinStatic	3,3	-79,94	-22,35
131	131	Shell-Thin	149	PP	LinStatic	6,85	-62,17	-18,16
131	131	Shell-Thin	143	PP	LinStatic	0,8	-63,38	-14,2
131	131	Shell-Thin	142	PP	LinStatic	-2,75	-81,15	-18,38
131	131	Shell-Thin	148	STER	LinStatic	0	0	0
131	131	Shell-Thin	149	STER	LinStatic	0	0	0
131	131	Shell-Thin	143	STER	LinStatic	0	0	0
131	131	Shell-Thin	142	STER	LinStatic	0	0	0
131	131	Shell-Thin	148	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	149	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	143	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	142	SSOVR	LinStatic	0	0	0
131	131	Shell-Thin	148	INERZIA	LinStatic	0	0	0
131	131	Shell-Thin	149	INERZIA	LinStatic	0	0	0
131	131	Shell-Thin	143	INERZIA	LinStatic	0	0	0
131	131	Shell-Thin	142	INERZIA	LinStatic	0	0	0
131	131	Shell-Thin	148	INCRSIS	LinStatic	0	0	0
131	131	Shell-Thin	149	INCRSIS	LinStatic	0	0	0
131	131	Shell-Thin	143	INCRSIS	LinStatic	0	0	0
131	131	Shell-Thin	142	INCRSIS	LinStatic	0	0	0
132	132	Shell-Thin	149	PP	LinStatic	-1,16	-63,78	-12,9
132	132	Shell-Thin	150	PP	LinStatic	1,7	-49,46	-7,37
132	132	Shell-Thin	144	PP	LinStatic	-4,09	-50,62	-5,51
132	132	Shell-Thin	143	PP	LinStatic	-6,95	-64,93	-11,04
132	132	Shell-Thin	149	STER	LinStatic	0	0	0
132	132	Shell-Thin	150	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
132	132	Shell-Thin	144	STER	LinStatic	0	0	0
132	132	Shell-Thin	143	STER	LinStatic	0	0	0
132	132	Shell-Thin	149	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	150	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	144	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	143	SSOVR	LinStatic	0	0	0
132	132	Shell-Thin	149	INERZIA	LinStatic	0	0	0
132	132	Shell-Thin	150	INERZIA	LinStatic	0	0	0
132	132	Shell-Thin	144	INERZIA	LinStatic	0	0	0
132	132	Shell-Thin	143	INERZIA	LinStatic	0	0	0
132	132	Shell-Thin	149	INCRSIS	LinStatic	0	0	0
132	132	Shell-Thin	150	INCRSIS	LinStatic	0	0	0
132	132	Shell-Thin	144	INCRSIS	LinStatic	0	0	0
132	132	Shell-Thin	143	INCRSIS	LinStatic	0	0	0
133	133	Shell-Thin	150	PP	LinStatic	-7,98	-51,4	-2,46
133	133	Shell-Thin	151	PP	LinStatic	-4,35	-33,25	3,13
133	133	Shell-Thin	145	PP	LinStatic	-8,56	-34,1	6,34
133	133	Shell-Thin	144	PP	LinStatic	-12,19	-52,24	0,76
133	133	Shell-Thin	150	STER	LinStatic	0	0	0
133	133	Shell-Thin	151	STER	LinStatic	0	0	0
133	133	Shell-Thin	145	STER	LinStatic	0	0	0
133	133	Shell-Thin	144	STER	LinStatic	0	0	0
133	133	Shell-Thin	150	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	151	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	145	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	144	SSOVR	LinStatic	0	0	0
133	133	Shell-Thin	150	INERZIA	LinStatic	0	0	0
133	133	Shell-Thin	151	INERZIA	LinStatic	0	0	0
133	133	Shell-Thin	145	INERZIA	LinStatic	0	0	0
133	133	Shell-Thin	144	INERZIA	LinStatic	0	0	0
133	133	Shell-Thin	150	INCRSIS	LinStatic	0	0	0
133	133	Shell-Thin	151	INCRSIS	LinStatic	0	0	0
133	133	Shell-Thin	145	INCRSIS	LinStatic	0	0	0
133	133	Shell-Thin	144	INCRSIS	LinStatic	0	0	0
134	134	Shell-Thin	151	PP	LinStatic	-14,3	-35,24	10,39
134	134	Shell-Thin	152	PP	LinStatic	-10,87	-18,09	20,64
134	134	Shell-Thin	146	PP	LinStatic	-14,48	-18,81	22,56
134	134	Shell-Thin	145	PP	LinStatic	-17,91	-35,97	12,31
134	134	Shell-Thin	151	STER	LinStatic	0	0	0
134	134	Shell-Thin	152	STER	LinStatic	0	0	0
134	134	Shell-Thin	146	STER	LinStatic	0	0	0
134	134	Shell-Thin	145	STER	LinStatic	0	0	0
134	134	Shell-Thin	151	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	152	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	146	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	145	SSOVR	LinStatic	0	0	0
134	134	Shell-Thin	151	INERZIA	LinStatic	0	0	0
134	134	Shell-Thin	152	INERZIA	LinStatic	0	0	0
134	134	Shell-Thin	146	INERZIA	LinStatic	0	0	0
134	134	Shell-Thin	145	INERZIA	LinStatic	0	0	0
134	134	Shell-Thin	151	INCRSIS	LinStatic	0	0	0
134	134	Shell-Thin	152	INCRSIS	LinStatic	0	0	0
134	134	Shell-Thin	146	INCRSIS	LinStatic	0	0	0
134	134	Shell-Thin	145	INCRSIS	LinStatic	0	0	0
135	135	Shell-Thin	152	PP	LinStatic	-21,19	-20,15	36,64
135	135	Shell-Thin	153	PP	LinStatic	-17,87	-3,57	22,31
135	135	Shell-Thin	147	PP	LinStatic	-20,36	-4,07	26,35
135	135	Shell-Thin	146	PP	LinStatic	-23,68	-20,65	40,67
135	135	Shell-Thin	152	STER	LinStatic	0	0	0
135	135	Shell-Thin	153	STER	LinStatic	0	0	0
135	135	Shell-Thin	147	STER	LinStatic	0	0	0
135	135	Shell-Thin	146	STER	LinStatic	0	0	0
135	135	Shell-Thin	152	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	153	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	147	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	146	SSOVR	LinStatic	0	0	0
135	135	Shell-Thin	152	INERZIA	LinStatic	0	0	0
135	135	Shell-Thin	153	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
135	135	Shell-Thin	147	INERZIA	LinStatic	0	0	0
135	135	Shell-Thin	146	INERZIA	LinStatic	0	0	0
135	135	Shell-Thin	152	INCRSIS	LinStatic	0	0	0
135	135	Shell-Thin	153	INCRSIS	LinStatic	0	0	0
135	135	Shell-Thin	147	INCRSIS	LinStatic	0	0	0
135	135	Shell-Thin	146	INCRSIS	LinStatic	0	0	0
136	136	Shell-Thin	154	PP	LinStatic	6,51	-71,16	-21,95
136	136	Shell-Thin	149	PP	LinStatic	4,24	-71,62	-21,67
136	136	Shell-Thin	148	PP	LinStatic	4,37	-70,94	-22,58
136	136	Shell-Thin	154	STER	LinStatic	0	0	0
136	136	Shell-Thin	149	STER	LinStatic	0	0	0
136	136	Shell-Thin	148	STER	LinStatic	0	0	0
136	136	Shell-Thin	154	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	149	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	148	SSOVR	LinStatic	0	0	0
136	136	Shell-Thin	154	INERZIA	LinStatic	0	0	0
136	136	Shell-Thin	149	INERZIA	LinStatic	0	0	0
136	136	Shell-Thin	148	INERZIA	LinStatic	0	0	0
136	136	Shell-Thin	154	INCRSIS	LinStatic	0	0	0
136	136	Shell-Thin	149	INCRSIS	LinStatic	0	0	0
136	136	Shell-Thin	148	INCRSIS	LinStatic	0	0	0
137	137	Shell-Thin	154	PP	LinStatic	2,24	-71,8	-19,66
137	137	Shell-Thin	155	PP	LinStatic	6	-53,02	-14,3
137	137	Shell-Thin	150	PP	LinStatic	0,78	-54,07	-10,27
137	137	Shell-Thin	149	PP	LinStatic	-2,98	-72,84	-15,62
137	137	Shell-Thin	154	STER	LinStatic	0	0	0
137	137	Shell-Thin	155	STER	LinStatic	0	0	0
137	137	Shell-Thin	150	STER	LinStatic	0	0	0
137	137	Shell-Thin	149	STER	LinStatic	0	0	0
137	137	Shell-Thin	154	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	155	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	150	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	149	SSOVR	LinStatic	0	0	0
137	137	Shell-Thin	154	INERZIA	LinStatic	0	0	0
137	137	Shell-Thin	155	INERZIA	LinStatic	0	0	0
137	137	Shell-Thin	150	INERZIA	LinStatic	0	0	0
137	137	Shell-Thin	149	INERZIA	LinStatic	0	0	0
137	137	Shell-Thin	154	INCRSIS	LinStatic	0	0	0
137	137	Shell-Thin	155	INCRSIS	LinStatic	0	0	0
137	137	Shell-Thin	150	INCRSIS	LinStatic	0	0	0
137	137	Shell-Thin	149	INCRSIS	LinStatic	0	0	0
138	138	Shell-Thin	155	PP	LinStatic	-3,85	-54,99	-7,53
138	138	Shell-Thin	156	PP	LinStatic	0,04209	-35,52	-1,58
138	138	Shell-Thin	151	PP	LinStatic	-5	-36,53	0,6
138	138	Shell-Thin	150	PP	LinStatic	-8,9	-56	-5,35
138	138	Shell-Thin	155	STER	LinStatic	0	0	0
138	138	Shell-Thin	156	STER	LinStatic	0	0	0
138	138	Shell-Thin	151	STER	LinStatic	0	0	0
138	138	Shell-Thin	150	STER	LinStatic	0	0	0
138	138	Shell-Thin	155	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	156	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	151	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	150	SSOVR	LinStatic	0	0	0
138	138	Shell-Thin	155	INERZIA	LinStatic	0	0	0
138	138	Shell-Thin	156	INERZIA	LinStatic	0	0	0
138	138	Shell-Thin	151	INERZIA	LinStatic	0	0	0
138	138	Shell-Thin	150	INERZIA	LinStatic	0	0	0
138	138	Shell-Thin	155	INCRSIS	LinStatic	0	0	0
138	138	Shell-Thin	156	INCRSIS	LinStatic	0	0	0
138	138	Shell-Thin	151	INCRSIS	LinStatic	0	0	0
138	138	Shell-Thin	150	INCRSIS	LinStatic	0	0	0
139	139	Shell-Thin	156	PP	LinStatic	-11,65	-37,86	4,55
139	139	Shell-Thin	157	PP	LinStatic	-7,93	-19,22	14,04
139	139	Shell-Thin	152	PP	LinStatic	-11,23	-19,88	17,35
139	139	Shell-Thin	151	PP	LinStatic	-14,96	-38,52	7,87
139	139	Shell-Thin	156	STER	LinStatic	0	0	0
139	139	Shell-Thin	157	STER	LinStatic	0	0	0
139	139	Shell-Thin	152	STER	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
139	139	Shell-Thin	151	STER	LinStatic	0	0	0
139	139	Shell-Thin	156	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	157	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	152	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	151	SSOVR	LinStatic	0	0	0
139	139	Shell-Thin	156	INERZIA	LinStatic	0	0	0
139	139	Shell-Thin	157	INERZIA	LinStatic	0	0	0
139	139	Shell-Thin	152	INERZIA	LinStatic	0	0	0
139	139	Shell-Thin	151	INERZIA	LinStatic	0	0	0
139	139	Shell-Thin	156	INCRSIS	LinStatic	0	0	0
139	139	Shell-Thin	157	INCRSIS	LinStatic	0	0	0
139	139	Shell-Thin	152	INCRSIS	LinStatic	0	0	0
139	139	Shell-Thin	151	INCRSIS	LinStatic	0	0	0
140	140	Shell-Thin	157	PP	LinStatic	-18,65	-21,36	30,55
140	140	Shell-Thin	158	PP	LinStatic	-14,98	-3	19,53
140	140	Shell-Thin	153	PP	LinStatic	-17,87	-3,57	22,31
140	140	Shell-Thin	152	PP	LinStatic	-21,55	-21,94	33,34
140	140	Shell-Thin	157	STER	LinStatic	0	0	0
140	140	Shell-Thin	158	STER	LinStatic	0	0	0
140	140	Shell-Thin	153	STER	LinStatic	0	0	0
140	140	Shell-Thin	152	STER	LinStatic	0	0	0
140	140	Shell-Thin	157	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	158	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	153	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	152	SSOVR	LinStatic	0	0	0
140	140	Shell-Thin	157	INERZIA	LinStatic	0	0	0
140	140	Shell-Thin	158	INERZIA	LinStatic	0	0	0
140	140	Shell-Thin	153	INERZIA	LinStatic	0	0	0
140	140	Shell-Thin	152	INERZIA	LinStatic	0	0	0
140	140	Shell-Thin	157	INCRSIS	LinStatic	0	0	0
140	140	Shell-Thin	158	INCRSIS	LinStatic	0	0	0
140	140	Shell-Thin	153	INCRSIS	LinStatic	0	0	0
140	140	Shell-Thin	152	INCRSIS	LinStatic	0	0	0
141	141	Shell-Thin	159	PP	LinStatic	7,22	-60,63	-18,52
141	141	Shell-Thin	155	PP	LinStatic	2,94	-61,48	-18,07
141	141	Shell-Thin	154	PP	LinStatic	3,16	-60,35	-19,78
141	141	Shell-Thin	159	STER	LinStatic	0	0	0
141	141	Shell-Thin	155	STER	LinStatic	0	0	0
141	141	Shell-Thin	154	STER	LinStatic	0	0	0
141	141	Shell-Thin	159	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	155	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	154	SSOVR	LinStatic	0	0	0
141	141	Shell-Thin	159	INERZIA	LinStatic	0	0	0
141	141	Shell-Thin	155	INERZIA	LinStatic	0	0	0
141	141	Shell-Thin	154	INERZIA	LinStatic	0	0	0
141	141	Shell-Thin	159	INCRSIS	LinStatic	0	0	0
141	141	Shell-Thin	155	INCRSIS	LinStatic	0	0	0
141	141	Shell-Thin	154	INCRSIS	LinStatic	0	0	0
142	142	Shell-Thin	159	PP	LinStatic	-0,47	-61,8	-14,49
142	142	Shell-Thin	160	PP	LinStatic	4,54	-36,75	-8,94
142	142	Shell-Thin	156	PP	LinStatic	-0,4	-37,74	-4,3
142	142	Shell-Thin	155	PP	LinStatic	-5,41	-62,79	-9,85
142	142	Shell-Thin	159	STER	LinStatic	0	0	0
142	142	Shell-Thin	160	STER	LinStatic	0	0	0
142	142	Shell-Thin	156	STER	LinStatic	0	0	0
142	142	Shell-Thin	155	STER	LinStatic	0	0	0
142	142	Shell-Thin	159	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	160	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	156	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	155	SSOVR	LinStatic	0	0	0
142	142	Shell-Thin	159	INERZIA	LinStatic	0	0	0
142	142	Shell-Thin	160	INERZIA	LinStatic	0	0	0
142	142	Shell-Thin	156	INERZIA	LinStatic	0	0	0
142	142	Shell-Thin	155	INERZIA	LinStatic	0	0	0
142	142	Shell-Thin	159	INCRSIS	LinStatic	0	0	0
142	142	Shell-Thin	160	INCRSIS	LinStatic	0	0	0
142	142	Shell-Thin	156	INCRSIS	LinStatic	0	0	0
142	142	Shell-Thin	155	INCRSIS	LinStatic	0	0	0



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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
143	143	Shell-Thin	160	PP	LinStatic	-6,83	-39,02	-0,4
143	143	Shell-Thin	161	PP	LinStatic	-3,03	-20,03	9,4
143	143	Shell-Thin	157	PP	LinStatic	-8,3	-21,09	11,63
143	143	Shell-Thin	156	PP	LinStatic	-12,1	-40,08	1,83
143	143	Shell-Thin	160	STER	LinStatic	0	0	0
143	143	Shell-Thin	161	STER	LinStatic	0	0	0
143	143	Shell-Thin	157	STER	LinStatic	0	0	0
143	143	Shell-Thin	156	STER	LinStatic	0	0	0
143	143	Shell-Thin	160	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	161	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	157	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	156	SSOVR	LinStatic	0	0	0
143	143	Shell-Thin	160	INERZIA	LinStatic	0	0	0
143	143	Shell-Thin	161	INERZIA	LinStatic	0	0	0
143	143	Shell-Thin	157	INERZIA	LinStatic	0	0	0
143	143	Shell-Thin	156	INERZIA	LinStatic	0	0	0
143	143	Shell-Thin	160	INCRSIS	LinStatic	0	0	0
143	143	Shell-Thin	161	INCRSIS	LinStatic	0	0	0
143	143	Shell-Thin	157	INCRSIS	LinStatic	0	0	0
143	143	Shell-Thin	156	INCRSIS	LinStatic	0	0	0
144	144	Shell-Thin	161	PP	LinStatic	-16,11	-22,65	22,55
144	144	Shell-Thin	162	PP	LinStatic	-12,06	-2,41	13,93
144	144	Shell-Thin	158	PP	LinStatic	-14,98	-3	19,53
144	144	Shell-Thin	157	PP	LinStatic	-19,02	-23,23	28,14
144	144	Shell-Thin	161	STER	LinStatic	0	0	0
144	144	Shell-Thin	162	STER	LinStatic	0	0	0
144	144	Shell-Thin	158	STER	LinStatic	0	0	0
144	144	Shell-Thin	157	STER	LinStatic	0	0	0
144	144	Shell-Thin	161	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	162	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	158	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	157	SSOVR	LinStatic	0	0	0
144	144	Shell-Thin	161	INERZIA	LinStatic	0	0	0
144	144	Shell-Thin	162	INERZIA	LinStatic	0	0	0
144	144	Shell-Thin	158	INERZIA	LinStatic	0	0	0
144	144	Shell-Thin	157	INERZIA	LinStatic	0	0	0
144	144	Shell-Thin	161	INCRSIS	LinStatic	0	0	0
144	144	Shell-Thin	162	INCRSIS	LinStatic	0	0	0
144	144	Shell-Thin	158	INCRSIS	LinStatic	0	0	0
144	144	Shell-Thin	157	INCRSIS	LinStatic	0	0	0
145	145	Shell-Thin	163	PP	LinStatic	6,28	-44,16	-13,28
145	145	Shell-Thin	160	PP	LinStatic	1,24	-45,17	-13,33
145	145	Shell-Thin	159	PP	LinStatic	1,22	-45,29	-15,35
145	145	Shell-Thin	163	STER	LinStatic	0	0	0
145	145	Shell-Thin	160	STER	LinStatic	0	0	0
145	145	Shell-Thin	159	STER	LinStatic	0	0	0
145	145	Shell-Thin	163	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	160	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	159	SSOVR	LinStatic	0	0	0
145	145	Shell-Thin	163	INERZIA	LinStatic	0	0	0
145	145	Shell-Thin	160	INERZIA	LinStatic	0	0	0
145	145	Shell-Thin	159	INERZIA	LinStatic	0	0	0
145	145	Shell-Thin	163	INCRSIS	LinStatic	0	0	0
145	145	Shell-Thin	160	INCRSIS	LinStatic	0	0	0
145	145	Shell-Thin	159	INCRSIS	LinStatic	0	0	0
146	146	Shell-Thin	163	PP	LinStatic	-2,58	-45,97	-9,42
146	146	Shell-Thin	164	PP	LinStatic	2,67	-19,74	-0,17
146	146	Shell-Thin	161	PP	LinStatic	-3,21	-20,92	5,77
146	146	Shell-Thin	160	PP	LinStatic	-8,45	-47,15	-3,48
146	146	Shell-Thin	163	STER	LinStatic	0	0	0
146	146	Shell-Thin	164	STER	LinStatic	0	0	0
146	146	Shell-Thin	161	STER	LinStatic	0	0	0
146	146	Shell-Thin	160	STER	LinStatic	0	0	0
146	146	Shell-Thin	163	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	164	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	161	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	160	SSOVR	LinStatic	0	0	0
146	146	Shell-Thin	163	INERZIA	LinStatic	0	0	0

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Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
146	146	Shell-Thin	164	INERZIA	LinStatic	0	0	0
146	146	Shell-Thin	161	INERZIA	LinStatic	0	0	0
146	146	Shell-Thin	160	INERZIA	LinStatic	0	0	0
146	146	Shell-Thin	163	INCRSIS	LinStatic	0	0	0
146	146	Shell-Thin	164	INCRSIS	LinStatic	0	0	0
146	146	Shell-Thin	161	INCRSIS	LinStatic	0	0	0
146	146	Shell-Thin	160	INCRSIS	LinStatic	0	0	0
147	147	Shell-Thin	164	PP	LinStatic	-10,43	-22,36	15,81
147	147	Shell-Thin	165	PP	LinStatic	-6,21	-1,24	10,83
147	147	Shell-Thin	162	PP	LinStatic	-12,06	-2,41	13,93
147	147	Shell-Thin	161	PP	LinStatic	-16,29	-23,54	18,91
147	147	Shell-Thin	164	STER	LinStatic	0	0	0
147	147	Shell-Thin	165	STER	LinStatic	0	0	0
147	147	Shell-Thin	162	STER	LinStatic	0	0	0
147	147	Shell-Thin	161	STER	LinStatic	0	0	0
147	147	Shell-Thin	164	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	165	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	162	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	161	SSOVR	LinStatic	0	0	0
147	147	Shell-Thin	164	INERZIA	LinStatic	0	0	0
147	147	Shell-Thin	165	INERZIA	LinStatic	0	0	0
147	147	Shell-Thin	162	INERZIA	LinStatic	0	0	0
147	147	Shell-Thin	161	INERZIA	LinStatic	0	0	0
147	147	Shell-Thin	164	INCRSIS	LinStatic	0	0	0
147	147	Shell-Thin	165	INCRSIS	LinStatic	0	0	0
147	147	Shell-Thin	162	INCRSIS	LinStatic	0	0	0
147	147	Shell-Thin	161	INCRSIS	LinStatic	0	0	0
148	148	Shell-Thin	166	PP	LinStatic	7,44	-24,45	-6,81
148	148	Shell-Thin	164	PP	LinStatic	-1,48	-26,23	-6,95
148	148	Shell-Thin	163	PP	LinStatic	-1,55	-26,56	-10,52
148	148	Shell-Thin	166	STER	LinStatic	0	0	0
148	148	Shell-Thin	164	STER	LinStatic	0	0	0
148	148	Shell-Thin	163	STER	LinStatic	0	0	0
148	148	Shell-Thin	166	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	164	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	163	SSOVR	LinStatic	0	0	0
148	148	Shell-Thin	166	INERZIA	LinStatic	0	0	0
148	148	Shell-Thin	164	INERZIA	LinStatic	0	0	0
148	148	Shell-Thin	163	INERZIA	LinStatic	0	0	0
148	148	Shell-Thin	166	INCRSIS	LinStatic	0	0	0
148	148	Shell-Thin	164	INCRSIS	LinStatic	0	0	0
148	148	Shell-Thin	163	INCRSIS	LinStatic	0	0	0
149	149	Shell-Thin	166	PP	LinStatic	-5,43	-27,13	1,7
149	149	Shell-Thin	167	PP	LinStatic	0	-8,882E-16	1,19
149	149	Shell-Thin	165	PP	LinStatic	-6,21	-1,24	10,83
149	149	Shell-Thin	164	PP	LinStatic	-11,63	-28,37	11,33
149	149	Shell-Thin	166	STER	LinStatic	0	0	0
149	149	Shell-Thin	167	STER	LinStatic	0	0	0
149	149	Shell-Thin	165	STER	LinStatic	0	0	0
149	149	Shell-Thin	164	STER	LinStatic	0	0	0
149	149	Shell-Thin	166	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	167	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	165	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	164	SSOVR	LinStatic	0	0	0
149	149	Shell-Thin	166	INERZIA	LinStatic	0	0	0
149	149	Shell-Thin	167	INERZIA	LinStatic	0	0	0
149	149	Shell-Thin	165	INERZIA	LinStatic	0	0	0
149	149	Shell-Thin	164	INERZIA	LinStatic	0	0	0
149	149	Shell-Thin	166	INCRSIS	LinStatic	0	0	0
149	149	Shell-Thin	167	INCRSIS	LinStatic	0	0	0
149	149	Shell-Thin	165	INCRSIS	LinStatic	0	0	0
149	149	Shell-Thin	164	INCRSIS	LinStatic	0	0	0
150	150	Shell-Thin	168	PP	LinStatic	0,25	0,0497	0,4
150	150	Shell-Thin	167	PP	LinStatic	-0,12	-0,02485	0,4
150	150	Shell-Thin	166	PP	LinStatic	-0,12	-0,02485	-0,8
150	150	Shell-Thin	168	STER	LinStatic	0	0	0
150	150	Shell-Thin	167	STER	LinStatic	0	0	0
150	150	Shell-Thin	166	STER	LinStatic	0	0	0





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Table: Element Forces - Area Shells, Part 1 of 4

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11 KN/m	F22 KN/m	F12 KN/m
150	150	Shell-Thin	168	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	167	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	166	SSOVR	LinStatic	0	0	0
150	150	Shell-Thin	168	INERZIA	LinStatic	0	0	0
150	150	Shell-Thin	167	INERZIA	LinStatic	0	0	0
150	150	Shell-Thin	166	INERZIA	LinStatic	0	0	0
150	150	Shell-Thin	168	INCRSIS	LinStatic	0	0	0
150	150	Shell-Thin	167	INCRSIS	LinStatic	0	0	0
150	150	Shell-Thin	166	INCRSIS	LinStatic	0	0	0

Table: Element Forces - Area Shells, Part 2 of 4

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
4	4	7	PP	-0,45	-5,2	-5,134	4,99	0
4	4	9	PP	-0,45	-5,75	-9,004	5,54	0
4	4	10	PP	-0,76	-5,72	-6,063	5,38	0
4	4	8	PP	-0,72	-5,22	-1,604	4,9	0
4	4	7	STER	0	0	0	0	0,495
4	4	9	STER	0	0	0	0	-2,4122
4	4	10	STER	0	0	0	0	0,4675
4	4	8	STER	0	0	0	0	-0,1534
4	4	7	SSOVR	0	0	0	0	0,3687
4	4	9	SSOVR	0	0	0	0	0,2528
4	4	10	SSOVR	0	0	0	0	2,934
4	4	8	SSOVR	0	0	0	0	-0,3142
4	4	7	INERZIA	0	0	0	0	0,2297
4	4	9	INERZIA	0	0	0	0	0,1575
4	4	10	INERZIA	0	0	0	0	1,8279
4	4	8	INERZIA	0	0	0	0	-0,1957
4	4	7	INCRSIS	0	0	0	0	2,1649
4	4	9	INCRSIS	0	0	0	0	1,4844
4	4	10	INCRSIS	0	0	0	0	17,2282
4	4	8	INCRSIS	0	0	0	0	-1,845
5	5	9	PP	-2,97	-8,1	-34,819	7,1	0
5	5	11	PP	-1,6	-7,62	-42,399	6,96	0
5	5	12	PP	-2,39	-6,44	-39,288	5,64	0
5	5	10	PP	-3,62	-7,07	-26,867	6,13	0
5	5	9	STER	0	0	0	0	-3,2387
5	5	11	STER	0	0	0	0	18,9408
5	5	12	STER	0	0	0	0	10,7589
5	5	10	STER	0	0	0	0	0,9832
5	5	9	SSOVR	0	0	0	0	-0,35
5	5	11	SSOVR	0	0	0	0	17,6161
5	5	12	SSOVR	0	0	0	0	11,9856
5	5	10	SSOVR	0	0	0	0	3,337
5	5	9	INERZIA	0	0	0	0	-0,2181
5	5	11	INERZIA	0	0	0	0	10,9748
5	5	12	INERZIA	0	0	0	0	7,467
5	5	10	INERZIA	0	0	0	0	2,079
5	5	9	INCRSIS	0	0	0	0	-2,0554
5	5	11	INCRSIS	0	0	0	0	103,4419
5	5	12	INCRSIS	0	0	0	0	70,3793
5	5	10	INCRSIS	0	0	0	0	19,5949
6	6	11	PP	-3,82	-13,35	-59,948	11,91	0
6	6	13	PP	-1,79	-12,8	-62,984	12,01	0
6	6	14	PP	-3,5	-12,57	-72,573	11,24	0
6	6	12	PP	-5,66	-12,97	-70,808	11,27	0
6	6	11	STER	0	0	0	0	18,9954
6	6	13	STER	0	0	0	0	-18,0326
6	6	14	STER	0	0	0	0	-12,7202
6	6	12	STER	0	0	0	0	10,6223
6	6	11	SSOVR	0	0	0	0	17,6311
6	6	13	SSOVR	0	0	0	0	-7,007
6	6	14	SSOVR	0	0	0	0	-3,1422
6	6	12	SSOVR	0	0	0	0	11,961
6	6	11	INERZIA	0	0	0	0	10,9842



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Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
6	6	13	INERZIA	0	0	0	0	-4,3654
6	6	14	INERZIA	0	0	0	0	-1,9576
6	6	12	INERZIA	0	0	0	0	7,4517
6	6	11	INCRSIS	0	0	0	0	103,53
6	6	13	INCRSIS	0	0	0	0	-41,1452
6	6	14	INCRSIS	0	0	0	0	-18,4511
6	6	12	INCRSIS	0	0	0	0	70,2347
7	7	13	PP	-4,32	-19,89	-72,874	18,12	0
7	7	15	PP	-2,17	-19,25	-74,778	18,27	0
7	7	16	PP	-3,9	-23,28	-81,642	21,6	0
7	7	14	PP	-6,16	-23,81	-80,607	21,4	0
7	7	13	STER	0	0	0	0	-17,2365
7	7	15	STER	0	0	0	0	-30,9161
7	7	16	STER	0	0	0	0	-33,1637
7	7	14	STER	0	0	0	0	-13,2002
7	7	13	SSOVR	0	0	0	0	-6,45
7	7	15	SSOVR	0	0	0	0	-14,4098
7	7	16	SSOVR	0	0	0	0	-16,3978
7	7	14	SSOVR	0	0	0	0	-3,4117
7	7	13	INERZIA	0	0	0	0	-4,0184
7	7	15	INERZIA	0	0	0	0	-8,9773
7	7	16	INERZIA	0	0	0	0	-10,2159
7	7	14	INERZIA	0	0	0	0	-2,1255
7	7	13	INCRSIS	0	0	0	0	-37,8744
7	7	15	INCRSIS	0	0	0	0	-84,6143
7	7	16	INCRSIS	0	0	0	0	-96,2881
7	7	14	INCRSIS	0	0	0	0	-20,0332
8	8	15	PP	-4,21	-26,98	-79,448	25,14	0
8	8	17	PP	-2,41	-26,45	-80,744	25,33	0
8	8	18	PP	-4,61	-34,61	-85,995	32,55	0
8	8	16	PP	-6,5	-35,05	-85,216	32,3	0
8	8	15	STER	0	0	0	0	-31,5007
8	8	17	STER	0	0	0	0	-35,6479
8	8	18	STER	0	0	0	0	-35,8559
8	8	16	STER	0	0	0	0	-32,4605
8	8	15	SSOVR	0	0	0	0	-14,8601
8	8	17	SSOVR	0	0	0	0	-17,2849
8	8	18	SSOVR	0	0	0	0	-18,2729
8	8	16	SSOVR	0	0	0	0	-15,7405
8	8	15	INERZIA	0	0	0	0	-9,2578
8	8	17	INERZIA	0	0	0	0	-10,7685
8	8	18	INERZIA	0	0	0	0	-11,384
8	8	16	INERZIA	0	0	0	0	-9,8064
8	8	15	INCRSIS	0	0	0	0	-87,2586
8	8	17	INCRSIS	0	0	0	0	-101,497
8	8	18	INCRSIS	0	0	0	0	-107,2983
8	8	16	INCRSIS	0	0	0	0	-92,4284
9	9	17	PP	-4,01	-32,47	-84,192	30,66	0
9	9	19	PP	-2,69	-32,1	-85,204	30,85	0
9	9	20	PP	-5,2	-43,8	-87,703	41,44	0
9	9	18	PP	-6,56	-44,12	-87,004	41,23	0
9	9	17	STER	0	0	0	0	-35,5354
9	9	19	STER	0	0	0	0	-27,2757
9	9	20	STER	0	0	0	0	-25,2401
9	9	18	STER	0	0	0	0	-36,3197
9	9	17	SSOVR	0	0	0	0	-17,2491
9	9	19	SSOVR	0	0	0	0	-13,0758
9	9	20	SSOVR	0	0	0	0	-13,0535
9	9	18	SSOVR	0	0	0	0	-18,4129
9	9	17	INERZIA	0	0	0	0	-10,7462
9	9	19	INERZIA	0	0	0	0	-8,1462
9	9	20	INERZIA	0	0	0	0	-8,1323
9	9	18	INERZIA	0	0	0	0	-11,4712
9	9	17	INCRSIS	0	0	0	0	-101,2864
9	9	19	INCRSIS	0	0	0	0	-76,7809
9	9	20	INCRSIS	0	0	0	0	-76,6501
9	9	18	INCRSIS	0	0	0	0	-108,1205
10	10	19	PP	-3,5	-35,38	-87,279	33,77	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
10	10	21	PP	-2,84	-35,2	-88,269	33,87	0
10	10	22	PP	-5,75	-49,62	-89,381	47,01	0
10	10	20	PP	-6,44	-49,78	-88,666	46,89	0
10	10	19	STER	0	0	0	0	-25,9626
10	10	21	STER	0	0	0	0	-4,6823
10	10	22	STER	0	0	0	0	8,5834
10	10	20	STER	0	0	0	0	-27,5259
10	10	19	SSOVR	0	0	0	0	-12,3748
10	10	21	SSOVR	0	0	0	0	-1,7504
10	10	22	SSOVR	0	0	0	0	4,3048
10	10	20	SSOVR	0	0	0	0	-14,2281
10	10	19	INERZIA	0	0	0	0	-7,7095
10	10	21	INERZIA	0	0	0	0	-1,0905
10	10	22	INERZIA	0	0	0	0	2,6819
10	10	20	INERZIA	0	0	0	0	-8,8641
10	10	19	INCRSIS	0	0	0	0	-72,6648
10	10	21	INCRSIS	0	0	0	0	-10,2785
10	10	22	INCRSIS	0	0	0	0	25,2778
10	10	20	INCRSIS	0	0	0	0	-83,5476
11	11	21	PP	-2,83	-34,99	89,343	33,67	0
11	11	23	PP	-3,05	-35,07	88,335	33,65	0
11	11	24	PP	-6,28	-51,1	89,159	48,27	0
11	11	22	PP	-6,04	-51,05	89,877	48,31	0
11	11	21	STER	0	0	0	0	-6,2036
11	11	23	STER	0	0	0	0	59,6924
11	11	24	STER	0	0	0	0	50,0193
11	11	22	STER	0	0	0	0	9,4737
11	11	21	SSOVR	0	0	0	0	-2,5642
11	11	23	SSOVR	0	0	0	0	31,7801
11	11	24	SSOVR	0	0	0	0	25,3929
11	11	22	SSOVR	0	0	0	0	4,7224
11	11	21	INERZIA	0	0	0	0	-1,5975
11	11	23	INERZIA	0	0	0	0	19,799
11	11	24	INERZIA	0	0	0	0	15,8198
11	11	22	INERZIA	0	0	0	0	2,942
11	11	21	INCRSIS	0	0	0	0	-15,0571
11	11	23	INCRSIS	0	0	0	0	186,6127
11	11	24	INCRSIS	0	0	0	0	149,1073
11	11	22	INCRSIS	0	0	0	0	27,7298
12	12	23	PP	-1,88	-30,43	84,873	29,54	0
12	12	25	PP	-2,6	-30,96	82,023	29,75	0
12	12	26	PP	-6,58	-48,24	87,071	45,31	0
12	12	24	PP	-5,64	-47,93	88,958	45,38	0
12	12	23	STER	0	0	0	0	59,7059
12	12	25	STER	0	0	0	0	10,129
12	12	26	STER	0	0	0	0	26,0852
12	12	24	STER	0	0	0	0	49,9761
12	12	23	SSOVR	0	0	0	0	31,7874
12	12	25	SSOVR	0	0	0	0	3,2941
12	12	26	SSOVR	0	0	0	0	10,8156
12	12	24	SSOVR	0	0	0	0	25,3614
12	12	23	INERZIA	0	0	0	0	19,8036
12	12	25	INERZIA	0	0	0	0	2,0522
12	12	26	INERZIA	0	0	0	0	6,7381
12	12	24	INERZIA	0	0	0	0	15,8002
12	12	23	INCRSIS	0	0	0	0	186,6557
12	12	25	INCRSIS	0	0	0	0	19,3427
12	12	26	INCRSIS	0	0	0	0	63,5093
12	12	24	INCRSIS	0	0	0	0	148,9222
13	13	25	PP	0,51	-21,03	74,811	21,29	0
13	13	27	PP	-1,9	-22,46	70,586	21,58	0
13	13	28	PP	-6,16	-36,18	79,465	33,53	0
13	13	26	PP	-3,35	-35,16	81,98	33,61	0
13	13	25	STER	0	0	0	0	11,8204
13	13	27	STER	0	0	0	0	6,5596
13	13	28	STER	0	0	0	0	4,0419
13	13	26	STER	0	0	0	0	24,8635
13	13	25	SSOVR	0	0	0	0	4,1994

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
13	13	27	SSOVR	0	0	0	0	-0,4467
13	13	28	SSOVR	0	0	0	0	-2,3011
13	13	26	SSOVR	0	0	0	0	10,2104
13	13	25	INERZIA	0	0	0	0	2,6162
13	13	27	INERZIA	0	0	0	0	-0,2783
13	13	28	INERZIA	0	0	0	0	-1,4336
13	13	26	INERZIA	0	0	0	0	6,3611
13	13	25	INCRSIS	0	0	0	0	24,659
13	13	27	INCRSIS	0	0	0	0	-2,6228
13	13	28	INCRSIS	0	0	0	0	-13,512
13	13	26	INCRSIS	0	0	0	0	59,9554
14	14	27	PP	18,54	-6,68	35,598	22,63	0
14	14	29	PP	20,68	-18,77	34,012	34,18	0
14	14	30	PP	-1,98	-19,73	46,602	18,82	0
14	14	28	PP	-1,32	-10,44	73,353	9,85	0
14	14	27	STER	0	0	0	0	4,9868
14	14	29	STER	0	0	0	0	4,5636
14	14	30	STER	0	0	0	0	1,7114
14	14	28	STER	0	0	0	0	7,025
14	14	27	SSOVR	0	0	0	0	-1,2218
14	14	29	SSOVR	0	0	0	0	-0,5634
14	14	30	SSOVR	0	0	0	0	-1,6466
14	14	28	SSOVR	0	0	0	0	-0,9748
14	14	27	INERZIA	0	0	0	0	-0,7612
14	14	29	INERZIA	0	0	0	0	-0,351
14	14	30	INERZIA	0	0	0	0	-1,0258
14	14	28	INERZIA	0	0	0	0	-0,6073
14	14	27	INCRSIS	0	0	0	0	-7,1746
14	14	29	INCRSIS	0	0	0	0	-3,3084
14	14	30	INCRSIS	0	0	0	0	-9,6688
14	14	28	INCRSIS	0	0	0	0	-5,7239
15	15	29	PP	55,97	-28,53	33,955	74,45	0
15	15	31	PP	51,28	-13,73	33,676	59,35	0
15	15	32	PP	101,54	13,46	14,744	95,53	0
15	15	30	PP	104,31	0,58	18,236	104,02	0
15	15	29	STER	0	0	0	0	2,964
15	15	31	STER	0	0	0	0	-18,8676
15	15	32	STER	0	0	0	0	-58,4274
15	15	30	STER	0	0	0	0	8,6206
15	15	29	SSOVR	0	0	0	0	-1,0412
15	15	31	SSOVR	0	0	0	0	-1,2957
15	15	32	SSOVR	0	0	0	0	-13,397
15	15	30	SSOVR	0	0	0	0	0,3978
15	15	29	INERZIA	0	0	0	0	-0,6486
15	15	31	INERZIA	0	0	0	0	-0,8072
15	15	32	INERZIA	0	0	0	0	-8,3463
15	15	30	INERZIA	0	0	0	0	0,2478
15	15	29	INCRSIS	0	0	0	0	-6,1137
15	15	31	INCRSIS	0	0	0	0	-7,6081
15	15	32	INCRSIS	0	0	0	0	-78,6671
15	15	30	INCRSIS	0	0	0	0	2,3356
19	19	36	PP	0,4	-16,53	-7,7	16,73	0
19	19	37	PP	0,34	-18,4	-9,976	18,57	0
19	19	9	PP	-2,87	-18,68	-7,488	17,43	0
19	19	7	PP	-2,73	-16,89	-4,449	15,71	0
19	19	36	STER	0	0	0	0	-0,4794
19	19	37	STER	0	0	0	0	-0,1671
19	19	9	STER	0	0	0	0	-2,431
19	19	7	STER	0	0	0	0	0,5181
19	19	36	SSOVR	0	0	0	0	-0,2341
19	19	37	SSOVR	0	0	0	0	1,6032
19	19	9	SSOVR	0	0	0	0	0,2391
19	19	7	SSOVR	0	0	0	0	0,3836
19	19	36	INERZIA	0	0	0	0	-0,1458
19	19	37	INERZIA	0	0	0	0	0,9988
19	19	9	INERZIA	0	0	0	0	0,149
19	19	7	INERZIA	0	0	0	0	0,239
19	19	36	INCRSIS	0	0	0	0	-1,3746

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
19	19	37	INCRSIS	0	0	0	0	9,414
19	19	9	INCRSIS	0	0	0	0	1,4041
19	19	7	INCRSIS	0	0	0	0	2,2526
20	20	37	PP	-2,16	-21,63	-22,447	20,63	0
20	20	38	PP	0,35	-20,99	-28,385	21,17	0
20	20	11	PP	-4,1	-19,19	-24,435	17,51	0
20	20	9	PP	-6,2	-20,24	-15,557	17,96	0
20	20	37	STER	0	0	0	0	0,0236
20	20	38	STER	0	0	0	0	1,9645
20	20	11	STER	0	0	0	0	18,9599
20	20	9	STER	0	0	0	0	-3,2575
20	20	37	SSOVR	0	0	0	0	1,7915
20	20	38	SSOVR	0	0	0	0	5,279
20	20	11	SSOVR	0	0	0	0	17,6293
20	20	9	SSOVR	0	0	0	0	-0,3637
20	20	37	INERZIA	0	0	0	0	1,1161
20	20	38	INERZIA	0	0	0	0	3,2888
20	20	11	INERZIA	0	0	0	0	10,9831
20	20	9	INERZIA	0	0	0	0	-0,2266
20	20	37	INCRSIS	0	0	0	0	10,5199
20	20	38	INCRSIS	0	0	0	0	30,9985
20	20	11	INCRSIS	0	0	0	0	103,5195
20	20	9	INCRSIS	0	0	0	0	-2,1358
21	21	38	PP	-3,68	-24,39	-35,501	22,78	0
21	21	39	PP	-1,52	-22,92	-39,174	22,2	0
21	21	13	PP	-6,22	-21,39	-40,817	19,05	0
21	21	11	PP	-8,42	-22,82	-35,626	19,99	0
21	21	38	STER	0	0	0	0	1,969
21	21	39	STER	0	0	0	0	-15,1942
21	21	13	STER	0	0	0	0	-18,0496
21	21	11	STER	0	0	0	0	19,0145
21	21	38	SSOVR	0	0	0	0	5,28
21	21	39	SSOVR	0	0	0	0	-4,7675
21	21	13	SSOVR	0	0	0	0	-7,0196
21	21	11	SSOVR	0	0	0	0	17,6444
21	21	38	INERZIA	0	0	0	0	3,2895
21	21	39	INERZIA	0	0	0	0	-2,9702
21	21	13	INERZIA	0	0	0	0	-4,3732
21	21	11	INERZIA	0	0	0	0	10,9924
21	21	38	INCRSIS	0	0	0	0	31,0044
21	21	39	INCRSIS	0	0	0	0	-27,9948
21	21	13	INCRSIS	0	0	0	0	-41,2192
21	21	11	INCRSIS	0	0	0	0	103,6077
22	22	39	PP	-5,23	-26,66	-45,862	24,47	0
22	22	40	PP	-3,95	-25,1	-48,439	23,38	0
22	22	15	PP	-9,36	-25,03	-56,432	21,9	0
22	22	13	PP	-10,89	-26,33	-52,891	22,91	0
22	22	39	STER	0	0	0	0	-15,5001
22	22	40	STER	0	0	0	0	-31,7067
22	22	15	STER	0	0	0	0	-30,9053
22	22	13	STER	0	0	0	0	-17,2535
22	22	39	SSOVR	0	0	0	0	-4,977
22	22	40	SSOVR	0	0	0	0	-14,2811
22	22	15	SSOVR	0	0	0	0	-14,4025
22	22	13	SSOVR	0	0	0	0	-6,4626
22	22	39	INERZIA	0	0	0	0	-3,1007
22	22	40	INERZIA	0	0	0	0	-8,8971
22	22	15	INERZIA	0	0	0	0	-8,9727
22	22	13	INERZIA	0	0	0	0	-4,0262
22	22	39	INCRSIS	0	0	0	0	-29,225
22	22	40	INCRSIS	0	0	0	0	-83,8586
22	22	15	INCRSIS	0	0	0	0	-84,5712
22	22	13	INCRSIS	0	0	0	0	-37,9485
23	23	40	PP	-7,81	-27,9	-55,157	24,93	0
23	23	41	PP	-7,24	-26,25	-58,207	23,48	0
23	23	17	PP	-11,66	-30,27	-69,594	26,44	0
23	23	15	PP	-12,67	-31,48	-66,015	27,44	0
23	23	40	STER	0	0	0	0	-31,4969

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
23	23	41	STER	0	0	0	0	-36,3587
23	23	17	STER	0	0	0	0	-35,6491
23	23	15	STER	0	0	0	0	-31,4899
23	23	40	SSOVR	0	0	0	0	-14,1148
23	23	41	SSOVR	0	0	0	0	-16,5299
23	23	17	SSOVR	0	0	0	0	-17,2856
23	23	15	SSOVR	0	0	0	0	-14,8528
23	23	40	INERZIA	0	0	0	0	-8,7935
23	23	41	INERZIA	0	0	0	0	-10,2982
23	23	17	INERZIA	0	0	0	0	-10,7689
23	23	15	INERZIA	0	0	0	0	-9,2533
23	23	40	INCRSIS	0	0	0	0	-82,8819
23	23	41	INCRSIS	0	0	0	0	-97,0638
23	23	17	INCRSIS	0	0	0	0	-101,5009
23	23	15	INCRSIS	0	0	0	0	-87,2155
24	24	41	PP	-10,03	-28,47	-64,869	25,01	0
24	24	42	PP	-9,94	-27,04	-69,22	23,69	0
24	24	19	PP	-13,28	-34,77	-79,9	30,39	0
24	24	17	PP	-13,91	-35,65	-75,922	31,12	0
24	24	41	STER	0	0	0	0	-36,3747
24	24	42	STER	0	0	0	0	-30,0027
24	24	19	STER	0	0	0	0	-27,2586
24	24	17	STER	0	0	0	0	-35,5366
24	24	41	SSOVR	0	0	0	0	-16,5314
24	24	42	SSOVR	0	0	0	0	-13,1154
24	24	19	SSOVR	0	0	0	0	-13,0661
24	24	17	SSOVR	0	0	0	0	-17,2497
24	24	41	INERZIA	0	0	0	0	-10,2991
24	24	42	INERZIA	0	0	0	0	-8,1709
24	24	19	INERZIA	0	0	0	0	-8,1402
24	24	17	INERZIA	0	0	0	0	-10,7466
24	24	41	INCRSIS	0	0	0	0	-97,0726
24	24	42	INCRSIS	0	0	0	0	-77,0135
24	24	19	INCRSIS	0	0	0	0	-76,7239
24	24	17	INCRSIS	0	0	0	0	-101,2903
25	25	42	PP	-11,87	-27,43	-78,602	23,82	0
25	25	43	PP	-11,4	-26,75	-84,79	23,25	0
25	25	21	PP	-13,61	-37,38	-87,231	32,77	0
25	25	19	PP	-14,29	-37,85	-83,196	33,1	0
25	25	42	STER	0	0	0	0	-30,485
25	25	43	STER	0	0	0	0	-6,9556
25	25	21	STER	0	0	0	0	-4,7164
25	25	19	STER	0	0	0	0	-25,9455
25	25	42	SSOVR	0	0	0	0	-13,3701
25	25	43	SSOVR	0	0	0	0	-1,3662
25	25	21	SSOVR	0	0	0	0	-1,7687
25	25	19	SSOVR	0	0	0	0	-12,3651
25	25	42	INERZIA	0	0	0	0	-8,3296
25	25	43	INERZIA	0	0	0	0	-0,8511
25	25	21	INERZIA	0	0	0	0	-1,1019
25	25	19	INERZIA	0	0	0	0	-7,7034
25	25	42	INCRSIS	0	0	0	0	-78,5093
25	25	43	INCRSIS	0	0	0	0	-8,022
25	25	21	INCRSIS	0	0	0	0	-10,386
25	25	19	INCRSIS	0	0	0	0	-72,6078
26	26	43	PP	-11,2	-25,78	84,545	22,39	0
26	26	44	PP	-10,3	-26,63	75,739	23,26	0
26	26	23	PP	-13,28	-37,45	83,501	32,89	0
26	26	21	PP	-13,63	-37,15	89,516	32,55	0
26	26	43	STER	0	0	0	0	-6,3944
26	26	44	STER	0	0	0	0	19,7361
26	26	23	STER	0	0	0	0	59,7216
26	26	21	STER	0	0	0	0	-6,2377
26	26	43	SSOVR	0	0	0	0	-1,0656
26	26	44	SSOVR	0	0	0	0	11,7593
26	26	23	SSOVR	0	0	0	0	31,7973
26	26	21	SSOVR	0	0	0	0	-2,5825
26	26	43	INERZIA	0	0	0	0	-0,6639

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
26	26	44	INERZIA	0	0	0	0	7,3261
26	26	23	INERZIA	0	0	0	0	19,8097
26	26	21	INERZIA	0	0	0	0	-1,6089
26	26	43	INCRSIS	0	0	0	0	-6,257
26	26	44	INCRSIS	0	0	0	0	69,0507
26	26	23	INCRSIS	0	0	0	0	186,7135
26	26	21	INCRSIS	0	0	0	0	-15,1646
27	27	44	PP	-7,14	-25,45	64,356	22,74	0
27	27	45	PP	-4,54	-27,63	60,268	25,66	0
27	27	25	PP	-10	-34,52	72,237	30,77	0
27	27	23	PP	-11,71	-33,22	78,128	29,18	0
27	27	44	STER	0	0	0	0	19,7375
27	27	45	STER	0	0	0	0	10,0959
27	27	25	STER	0	0	0	0	10,1005
27	27	23	STER	0	0	0	0	59,7351
27	27	44	SSOVR	0	0	0	0	11,7604
27	27	45	SSOVR	0	0	0	0	4,6749
27	27	25	SSOVR	0	0	0	0	3,2775
27	27	23	SSOVR	0	0	0	0	31,8046
27	27	44	INERZIA	0	0	0	0	7,3268
27	27	45	INERZIA	0	0	0	0	2,9125
27	27	25	INERZIA	0	0	0	0	2,0419
27	27	23	INERZIA	0	0	0	0	19,8143
27	27	44	INCRSIS	0	0	0	0	69,0573
27	27	45	INCRSIS	0	0	0	0	27,451
27	27	25	INCRSIS	0	0	0	0	19,2457
27	27	23	INCRSIS	0	0	0	0	186,7565
28	28	45	PP	4,91	-24,93	48,49	27,71	0
28	28	46	PP	8,94	-32,42	45,911	37,7	0
28	28	27	PP	-2,26	-32,69	53,564	31,61	0
28	28	25	PP	-5,4	-26,09	61,505	23,85	0
28	28	45	STER	0	0	0	0	9,4862
28	28	46	STER	0	0	0	0	3,3111
28	28	27	STER	0	0	0	0	6,5639
28	28	25	STER	0	0	0	0	11,792
28	28	45	SSOVR	0	0	0	0	4,3491
28	28	46	SSOVR	0	0	0	0	-1,4189
28	28	27	SSOVR	0	0	0	0	-0,4395
28	28	25	SSOVR	0	0	0	0	4,1829
28	28	45	INERZIA	0	0	0	0	2,7095
28	28	46	INERZIA	0	0	0	0	-0,884
28	28	27	INERZIA	0	0	0	0	-0,2738
28	28	25	INERZIA	0	0	0	0	2,6059
28	28	45	INCRSIS	0	0	0	0	25,5381
28	28	46	INCRSIS	0	0	0	0	-8,3317
28	28	27	INCRSIS	0	0	0	0	-2,5809
28	28	25	INCRSIS	0	0	0	0	24,562
29	29	46	PP	24,31	-35,37	41,648	51,98	0
29	29	47	PP	42,26	-41,14	45,396	72,23	0
29	29	29	PP	39	-25,55	41,856	56,31	0
29	29	27	PP	22,05	-20,78	34,615	37,1	0
29	29	46	STER	0	0	0	0	4,0994
29	29	47	STER	0	0	0	0	7,6873
29	29	29	STER	0	0	0	0	4,5789
29	29	27	STER	0	0	0	0	4,9911
29	29	46	SSOVR	0	0	0	0	-1,072
29	29	47	SSOVR	0	0	0	0	0,7326
29	29	29	SSOVR	0	0	0	0	-0,5608
29	29	27	SSOVR	0	0	0	0	-1,2147
29	29	46	INERZIA	0	0	0	0	-0,6679
29	29	47	INERZIA	0	0	0	0	0,4564
29	29	29	INERZIA	0	0	0	0	-0,3494
29	29	27	INERZIA	0	0	0	0	-0,7568
29	29	46	INCRSIS	0	0	0	0	-6,2949
29	29	47	INCRSIS	0	0	0	0	4,3018
29	29	29	INCRSIS	0	0	0	0	-3,2933
29	29	27	INCRSIS	0	0	0	0	-7,1327
30	30	47	PP	65,45	-55,18	43,825	104,59	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
30	30	48	PP	41,86	-33,01	42,741	64,99	0
30	30	31	PP	51,28	-13,73	33,676	59,35	0
30	30	29	PP	73,78	-34,81	38,593	96,03	0
30	30	47	STER	0	0	0	0	7,6448
30	30	48	STER	0	0	0	0	13,5587
30	30	31	STER	0	0	0	0	-18,8676
30	30	29	STER	0	0	0	0	2,9793
30	30	47	SSOVR	0	0	0	0	0,6825
30	30	48	SSOVR	0	0	0	0	8,5148
30	30	31	SSOVR	0	0	0	0	-1,2957
30	30	29	SSOVR	0	0	0	0	-1,0386
30	30	47	INERZIA	0	0	0	0	0,4252
30	30	48	INERZIA	0	0	0	0	5,3047
30	30	31	INERZIA	0	0	0	0	-0,8072
30	30	29	INERZIA	0	0	0	0	-0,647
30	30	47	INCRSIS	0	0	0	0	4,0077
30	30	48	INCRSIS	0	0	0	0	49,9987
30	30	31	INCRSIS	0	0	0	0	-7,6081
30	30	29	INCRSIS	0	0	0	0	-6,0985
34	34	51	PP	1,78	-36,54	-7,248	37,46	0
34	34	52	PP	2,46	-37,07	-10,311	38,36	0
34	34	37	PP	-3,15	-37,72	-9,143	36,24	0
34	34	36	PP	-3,73	-37,3	-5,597	35,58	0
34	34	51	STER	0	0	0	0	1,0032
34	34	52	STER	0	0	0	0	-2,3655
34	34	37	STER	0	0	0	0	-0,2326
34	34	36	STER	0	0	0	0	-0,4565
34	34	51	SSOVR	0	0	0	0	0,29
34	34	52	SSOVR	0	0	0	0	-0,1393
34	34	37	SSOVR	0	0	0	0	1,5545
34	34	36	SSOVR	0	0	0	0	-0,2242
34	34	51	INERZIA	0	0	0	0	0,1806
34	34	52	INERZIA	0	0	0	0	-0,0868
34	34	37	INERZIA	0	0	0	0	0,9685
34	34	36	INERZIA	0	0	0	0	-0,1397
34	34	51	INCRSIS	0	0	0	0	1,7026
34	34	52	INCRSIS	0	0	0	0	-0,8181
34	34	37	INCRSIS	0	0	0	0	9,128
34	34	36	INCRSIS	0	0	0	0	-1,3165
35	35	52	PP	-1,39	-40,65	-17,655	39,97	0
35	35	53	PP	1,99	-36,69	-22,723	37,72	0
35	35	38	PP	-2,95	-36,3	-21,87	34,92	0
35	35	37	PP	-6,18	-40,42	-16,05	37,71	0
35	35	52	STER	0	0	0	0	-1,9858
35	35	53	STER	0	0	0	0	-7,6698
35	35	38	STER	0	0	0	0	2,1201
35	35	37	STER	0	0	0	0	-0,0419
35	35	52	SSOVR	0	0	0	0	0,0083
35	35	53	SSOVR	0	0	0	0	-1,9388
35	35	38	SSOVR	0	0	0	0	5,3873
35	35	37	SSOVR	0	0	0	0	1,7428
35	35	52	INERZIA	0	0	0	0	0,0051
35	35	53	INERZIA	0	0	0	0	-1,2078
35	35	38	INERZIA	0	0	0	0	3,3563
35	35	37	INERZIA	0	0	0	0	1,0858
35	35	52	INCRSIS	0	0	0	0	0,0485
35	35	53	INCRSIS	0	0	0	0	-11,3844
35	35	38	INCRSIS	0	0	0	0	31,6344
35	35	37	INCRSIS	0	0	0	0	10,2338
36	36	53	PP	-2,19	-38,89	-25,719	37,84	0
36	36	54	PP	-0,2	-35,55	-28,435	35,45	0
36	36	39	PP	-5,64	-35,71	-29,381	33,25	0
36	36	38	PP	-7,67	-39	-26,164	35,79	0
36	36	53	STER	0	0	0	0	-7,7276
36	36	54	STER	0	0	0	0	-18,3058
36	36	39	STER	0	0	0	0	-15,2603
36	36	38	STER	0	0	0	0	2,1245
36	36	53	SSOVR	0	0	0	0	-1,9558



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
36	36	54	SSOVR	0	0	0	0	-6,5117
36	36	39	SSOVR	0	0	0	0	-4,8165
36	36	38	SSOVR	0	0	0	0	5,3883
36	36	53	INERZIA	0	0	0	0	-1,2185
36	36	54	INERZIA	0	0	0	0	-4,0568
36	36	39	INERZIA	0	0	0	0	-3,0007
36	36	38	INERZIA	0	0	0	0	3,3569
36	36	53	INCRSIS	0	0	0	0	-11,4847
36	36	54	INCRSIS	0	0	0	0	-38,2369
36	36	39	INCRSIS	0	0	0	0	-28,2827
36	36	38	INCRSIS	0	0	0	0	31,6403
37	37	54	PP	-3,65	-36,81	-30,399	35,13	0
37	37	55	PP	-2,7	-33,53	-32,161	32,27	0
37	37	40	PP	-9,18	-35,39	-36,334	31,81	0
37	37	39	PP	-10,27	-38,52	-33,952	34,55	0
37	37	54	STER	0	0	0	0	-18,4064
37	37	55	STER	0	0	0	0	-32,0652
37	37	40	STER	0	0	0	0	-31,7054
37	37	39	STER	0	0	0	0	-15,5662
37	37	54	SSOVR	0	0	0	0	-6,5822
37	37	55	SSOVR	0	0	0	0	-12,9077
37	37	40	SSOVR	0	0	0	0	-14,2803
37	37	39	SSOVR	0	0	0	0	-5,0261
37	37	54	INERZIA	0	0	0	0	-4,1007
37	37	55	INERZIA	0	0	0	0	-8,0415
37	37	40	INERZIA	0	0	0	0	-8,8966
37	37	39	INERZIA	0	0	0	0	-3,1312
37	37	54	INCRSIS	0	0	0	0	-38,6509
37	37	55	INCRSIS	0	0	0	0	-75,794
37	37	40	INCRSIS	0	0	0	0	-83,854
37	37	39	INCRSIS	0	0	0	0	-29,513
38	38	55	PP	-6,31	-34,3	-34,05	31,62	0
38	38	56	PP	-6,45	-31,2	-34,998	28,53	0
38	38	41	PP	-14,04	-34,22	-43,024	29,8	0
38	38	40	PP	-14,06	-37,16	-40,81	32,5	0
38	38	55	STER	0	0	0	0	-32,1239
38	38	56	STER	0	0	0	0	-39,0538
38	38	41	STER	0	0	0	0	-36,3689
38	38	40	STER	0	0	0	0	-31,4956
38	38	55	SSOVR	0	0	0	0	-12,9395
38	38	56	SSOVR	0	0	0	0	-15,6358
38	38	41	SSOVR	0	0	0	0	-16,5355
38	38	40	SSOVR	0	0	0	0	-14,114
38	38	55	INERZIA	0	0	0	0	-8,0613
38	38	56	INERZIA	0	0	0	0	-9,7411
38	38	41	INERZIA	0	0	0	0	-10,3016
38	38	40	INERZIA	0	0	0	0	-8,793
38	38	55	INCRSIS	0	0	0	0	-75,9805
38	38	56	INCRSIS	0	0	0	0	-91,8137
38	38	41	INCRSIS	0	0	0	0	-97,0967
38	38	40	INCRSIS	0	0	0	0	-82,8772
39	39	56	PP	-10,59	-30,13	-35,41	26,47	0
39	39	57	PP	-11,66	-26,31	-35,874	22,84	0
39	39	42	PP	-18,61	-31,91	-53,244	27,76	0
39	39	41	PP	-17,93	-35,33	-48,207	30,6	0
39	39	56	STER	0	0	0	0	-39,0846
39	39	57	STER	0	0	0	0	-35,9658
39	39	42	STER	0	0	0	0	-30,0017
39	39	41	STER	0	0	0	0	-36,3849
39	39	56	SSOVR	0	0	0	0	-15,6434
39	39	57	SSOVR	0	0	0	0	-13,3673
39	39	42	SSOVR	0	0	0	0	-13,1137
39	39	41	SSOVR	0	0	0	0	-16,537
39	39	56	INERZIA	0	0	0	0	-9,7458
39	39	57	INERZIA	0	0	0	0	-8,3278
39	39	42	INERZIA	0	0	0	0	-8,1699
39	39	41	INERZIA	0	0	0	0	-10,3026
39	39	56	INCRSIS	0	0	0	0	-91,8578

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
39	39	57	INCRSIS	0	0	0	0	-78,493
39	39	42	INCRSIS	0	0	0	0	-77,0039
39	39	41	INCRSIS	0	0	0	0	-97,1055
40	40	57	PP	-15,38	-24,05	-32,659	21,09	0
40	40	58	PP	-17,09	-20,15	-22,573	18,8	0
40	40	43	PP	-21,82	-28,82	-82,858	26,03	0
40	40	42	PP	-21,85	-30,99	-62,786	27,58	0
40	40	57	STER	0	0	0	0	-35,8986
40	40	58	STER	0	0	0	0	-23,253
40	40	43	STER	0	0	0	0	-7,0902
40	40	42	STER	0	0	0	0	-30,4839
40	40	57	SSOVR	0	0	0	0	-13,3255
40	40	58	SSOVR	0	0	0	0	-6,8648
40	40	43	SSOVR	0	0	0	0	-1,4373
40	40	42	SSOVR	0	0	0	0	-13,3685
40	40	57	INERZIA	0	0	0	0	-8,3018
40	40	58	INERZIA	0	0	0	0	-4,2768
40	40	43	INERZIA	0	0	0	0	-0,8954
40	40	42	INERZIA	0	0	0	0	-8,3286
40	40	57	INCRSIS	0	0	0	0	-78,2472
40	40	58	INCRSIS	0	0	0	0	-40,3103
40	40	43	INCRSIS	0	0	0	0	-8,4396
40	40	42	INCRSIS	0	0	0	0	-78,4997
41	41	58	PP	-15,28	-21,74	34,588	19,34	0
41	41	59	PP	-10,81	-23,8	43,468	20,64	0
41	41	44	PP	-16,95	-30,11	62,643	26,14	0
41	41	43	PP	-21,18	-28,28	73,78	25,48	0
41	41	58	STER	0	0	0	0	-23,063
41	41	59	STER	0	0	0	0	-12,7048
41	41	44	STER	0	0	0	0	20,0227
41	41	43	STER	0	0	0	0	-6,5289
41	41	58	SSOVR	0	0	0	0	-6,7611
41	41	59	SSOVR	0	0	0	0	-2,4807
41	41	44	SSOVR	0	0	0	0	11,9164
41	41	43	SSOVR	0	0	0	0	-1,1367
41	41	58	INERZIA	0	0	0	0	-4,2121
41	41	59	INERZIA	0	0	0	0	-1,5455
41	41	44	INERZIA	0	0	0	0	7,4239
41	41	43	INERZIA	0	0	0	0	-0,7081
41	41	58	INCRSIS	0	0	0	0	-39,701
41	41	59	INCRSIS	0	0	0	0	-14,5666
41	41	44	INCRSIS	0	0	0	0	69,9733
41	41	43	INCRSIS	0	0	0	0	-6,6746
42	42	59	PP	-6,24	-26,34	42,066	23,84	0
42	42	60	PP	-0,009288	-30,9	44,119	30,9	0
42	42	45	PP	-6,17	-34,88	50,837	32,24	0
42	42	44	PP	-12,42	-30,28	52,633	26,37	0
42	42	59	STER	0	0	0	0	-12,7038
42	42	60	STER	0	0	0	0	-5,9367
42	42	45	STER	0	0	0	0	9,9621
42	42	44	STER	0	0	0	0	20,0241
42	42	59	SSOVR	0	0	0	0	-2,4796
42	42	60	SSOVR	0	0	0	0	-1,0721
42	42	45	SSOVR	0	0	0	0	4,6052
42	42	44	SSOVR	0	0	0	0	11,9176
42	42	59	INERZIA	0	0	0	0	-1,5448
42	42	60	INERZIA	0	0	0	0	-0,6679
42	42	45	INERZIA	0	0	0	0	2,869
42	42	44	INERZIA	0	0	0	0	7,4246
42	42	59	INCRSIS	0	0	0	0	-14,5602
42	42	60	INCRSIS	0	0	0	0	-6,2951
42	42	45	INCRSIS	0	0	0	0	27,0416
42	42	44	INCRSIS	0	0	0	0	69,9799
43	43	60	PP	7,86	-36,72	43,511	41,22	0
43	43	61	PP	17,68	-39,92	46,043	51,11	0
43	43	46	PP	14,33	-36,6	46,193	45,49	0
43	43	45	PP	4,51	-33,41	43,266	35,88	0
43	43	60	STER	0	0	0	0	-6,1038

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
43	43	61	STER	0	0	0	0	1,5391
43	43	46	STER	0	0	0	0	3,3304
43	43	45	STER	0	0	0	0	9,3524
43	43	60	SSOVR	0	0	0	0	-1,1659
43	43	61	SSOVR	0	0	0	0	-0,8865
43	43	46	SSOVR	0	0	0	0	-1,4101
43	43	45	SSOVR	0	0	0	0	4,2794
43	43	60	INERZIA	0	0	0	0	-0,7264
43	43	61	INERZIA	0	0	0	0	-0,5523
43	43	46	INERZIA	0	0	0	0	-0,8785
43	43	45	INERZIA	0	0	0	0	2,6661
43	43	60	INCRSIS	0	0	0	0	-6,8462
43	43	61	INCRSIS	0	0	0	0	-5,2058
43	43	46	INCRSIS	0	0	0	0	-8,2803
43	43	45	INCRSIS	0	0	0	0	25,1288
44	44	61	PP	24	-45,86	45,755	61,48	0
44	44	62	PP	40,1	-50,11	48,1	78,29	0
44	44	47	PP	45,34	-43,34	45,562	76,81	0
44	44	46	PP	29,62	-39,47	42,442	60,04	0
44	44	61	STER	0	0	0	0	1,4687
44	44	62	STER	0	0	0	0	19,4385
44	44	47	STER	0	0	0	0	7,6707
44	44	46	STER	0	0	0	0	4,1186
44	44	61	SSOVR	0	0	0	0	-0,9282
44	44	62	SSOVR	0	0	0	0	4,7585
44	44	47	SSOVR	0	0	0	0	0,724
44	44	46	SSOVR	0	0	0	0	-1,0633
44	44	61	INERZIA	0	0	0	0	-0,5783
44	44	62	INERZIA	0	0	0	0	2,9645
44	44	47	INERZIA	0	0	0	0	0,4511
44	44	46	INERZIA	0	0	0	0	-0,6624
44	44	61	INCRSIS	0	0	0	0	-5,4507
44	44	62	INCRSIS	0	0	0	0	27,9418
44	44	47	INCRSIS	0	0	0	0	4,2515
44	44	46	INCRSIS	0	0	0	0	-6,2435
45	45	62	PP	60,23	-68,55	46,918	111,61	0
45	45	63	PP	33,52	-44,14	47,615	67,46	0
45	45	48	PP	41,86	-33,01	42,741	64,99	0
45	45	47	PP	68,51	-57,36	44,007	109,16	0
45	45	62	STER	0	0	0	0	19,2828
45	45	63	STER	0	0	0	0	56,5762
45	45	48	STER	0	0	0	0	13,5587
45	45	47	STER	0	0	0	0	7,6282
45	45	62	SSOVR	0	0	0	0	4,6939
45	45	63	SSOVR	0	0	0	0	20,7771
45	45	48	SSOVR	0	0	0	0	8,5148
45	45	47	SSOVR	0	0	0	0	0,6739
45	45	62	INERZIA	0	0	0	0	2,9243
45	45	63	INERZIA	0	0	0	0	12,9441
45	45	48	INERZIA	0	0	0	0	5,3047
45	45	47	INERZIA	0	0	0	0	0,4199
45	45	62	INCRSIS	0	0	0	0	27,5626
45	45	63	INCRSIS	0	0	0	0	122,0029
45	45	48	INCRSIS	0	0	0	0	49,9987
45	45	47	INCRSIS	0	0	0	0	3,9574
48	48	65	PP	-2,34	-72,28	-7,642	71,14	0
48	48	66	PP	1,05	-59,61	-10,331	60,15	0
48	48	52	PP	-1,7	-59,71	-9,483	58,88	0
48	48	51	PP	-5	-72,47	-6,81	70,1	0
48	48	65	STER	0	0	0	0	-3,9516
48	48	66	STER	0	0	0	0	0,7325
48	48	52	STER	0	0	0	0	-2,2828
48	48	51	STER	0	0	0	0	0,9126
48	48	65	SSOVR	0	0	0	0	-1,1549
48	48	66	SSOVR	0	0	0	0	-0,2541
48	48	52	SSOVR	0	0	0	0	-0,0945
48	48	51	SSOVR	0	0	0	0	0,2531
48	48	65	INERZIA	0	0	0	0	-0,7195

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
48	48	66	INERZIA	0	0	0	0	-0,1583
48	48	52	INERZIA	0	0	0	0	-0,0589
48	48	51	INERZIA	0	0	0	0	0,1577
48	48	65	INCRSIS	0	0	0	0	-6,7819
48	48	66	INCRSIS	0	0	0	0	-1,4919
48	48	52	INCRSIS	0	0	0	0	-0,5547
48	48	51	INCRSIS	0	0	0	0	1,4864
49	49	66	PP	-0,92	-63,05	-15,582	62,59	0
49	49	67	PP	3,31	-55,32	-19,792	57,05	0
49	49	53	PP	-1,81	-55,07	-19,03	54,19	0
49	49	52	PP	-5,9	-62,95	-14,483	60,21	0
49	49	66	STER	0	0	0	0	0,291
49	49	67	STER	0	0	0	0	-8,2534
49	49	53	STER	0	0	0	0	-7,7458
49	49	52	STER	0	0	0	0	-1,9031
49	49	66	SSOVR	0	0	0	0	-0,3955
49	49	67	SSOVR	0	0	0	0	-3,4264
49	49	53	SSOVR	0	0	0	0	-1,9947
49	49	52	SSOVR	0	0	0	0	0,0531
49	49	66	INERZIA	0	0	0	0	-0,2464
49	49	67	INERZIA	0	0	0	0	-2,1347
49	49	53	INERZIA	0	0	0	0	-1,2427
49	49	52	INERZIA	0	0	0	0	0,0331
49	49	66	INCRSIS	0	0	0	0	-2,3224
49	49	67	INCRSIS	0	0	0	0	-20,12
49	49	53	INCRSIS	0	0	0	0	-11,7126
49	49	52	INCRSIS	0	0	0	0	0,3119
50	50	67	PP	0,53	-55,82	-20,132	56,09	0
50	50	68	PP	2,08	-50,28	-21,524	51,35	0
50	50	54	PP	-4,68	-51,51	-22,65	49,34	0
50	50	53	PP	-6,28	-57	-21,019	54,14	0
50	50	67	STER	0	0	0	0	-8,1675
50	50	68	STER	0	0	0	0	-19,9004
50	50	54	STER	0	0	0	0	-18,2522
50	50	53	STER	0	0	0	0	-7,8036
50	50	67	SSOVR	0	0	0	0	-3,3865
50	50	68	SSOVR	0	0	0	0	-7,5678
50	50	54	SSOVR	0	0	0	0	-6,4738
50	50	53	SSOVR	0	0	0	0	-2,0117
50	50	67	INERZIA	0	0	0	0	-2,1098
50	50	68	INERZIA	0	0	0	0	-4,7147
50	50	54	INERZIA	0	0	0	0	-4,0332
50	50	53	INERZIA	0	0	0	0	-1,2533
50	50	67	INCRSIS	0	0	0	0	-19,8854
50	50	68	INCRSIS	0	0	0	0	-44,4382
50	50	54	INCRSIS	0	0	0	0	-38,0143
50	50	53	INCRSIS	0	0	0	0	-11,8129
51	51	68	PP	-1	-51,7	-22,961	51,21	0
51	51	69	PP	0,3	-46,65	-24,313	46,8	0
51	51	55	PP	-7,01	-47,54	-25,444	44,45	0
51	51	54	PP	-8,35	-52,55	-23,799	48,91	0
51	51	68	STER	0	0	0	0	-19,9967
51	51	69	STER	0	0	0	0	-33,8707
51	51	55	STER	0	0	0	0	-32,0771
51	51	54	STER	0	0	0	0	-18,3527
51	51	68	SSOVR	0	0	0	0	-7,6087
51	51	69	SSOVR	0	0	0	0	-12,4776
51	51	55	SSOVR	0	0	0	0	-12,9169
51	51	54	SSOVR	0	0	0	0	-6,5443
51	51	68	INERZIA	0	0	0	0	-4,7402
51	51	69	INERZIA	0	0	0	0	-7,7735
51	51	55	INERZIA	0	0	0	0	-8,0472
51	51	54	INERZIA	0	0	0	0	-4,0771
51	51	68	INCRSIS	0	0	0	0	-44,6782
51	51	69	INCRSIS	0	0	0	0	-73,2684
51	51	55	INCRSIS	0	0	0	0	-75,8478
51	51	54	INCRSIS	0	0	0	0	-38,4284
52	52	69	PP	-3,92	-46,33	-23,952	44,5	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
52	52	70	PP	-3,87	-40,94	-24,005	39,15	0
52	52	56	PP	-10,75	-42,73	-26,758	38,5	0
52	52	55	PP	-10,81	-48,11	-26,304	43,72	0
52	52	69	STER	0	0	0	0	-33,9123
52	52	70	STER	0	0	0	0	-43,1219
52	52	56	STER	0	0	0	0	-39,0552
52	52	55	STER	0	0	0	0	-32,1358
52	52	69	SSOVR	0	0	0	0	-12,506
52	52	70	SSOVR	0	0	0	0	-15,2499
52	52	56	SSOVR	0	0	0	0	-15,6382
52	52	55	SSOVR	0	0	0	0	-12,9486
52	52	69	INERZIA	0	0	0	0	-7,7912
52	52	70	INERZIA	0	0	0	0	-9,5007
52	52	56	INERZIA	0	0	0	0	-9,7426
52	52	55	INERZIA	0	0	0	0	-8,067
52	52	69	INCRSIS	0	0	0	0	-73,4352
52	52	70	INCRSIS	0	0	0	0	-89,5475
52	52	56	INCRSIS	0	0	0	0	-91,8273
52	52	55	INCRSIS	0	0	0	0	-76,0343
53	53	70	PP	-7,8	-40,08	-22,596	36,81	0
53	53	71	PP	-8,72	-34,62	-20,21	31,19	0
53	53	57	PP	-15,83	-36,18	-23,363	31,41	0
53	53	56	PP	-14,81	-41,74	-25,472	36,65	0
53	53	70	STER	0	0	0	0	-43,1288
53	53	71	STER	0	0	0	0	-44,8981
53	53	57	STER	0	0	0	0	-35,9843
53	53	56	STER	0	0	0	0	-39,086
53	53	70	SSOVR	0	0	0	0	-15,2484
53	53	71	SSOVR	0	0	0	0	-14,7663
53	53	57	SSOVR	0	0	0	0	-13,3787
53	53	56	SSOVR	0	0	0	0	-15,6457
53	53	70	INERZIA	0	0	0	0	-9,4998
53	53	71	INERZIA	0	0	0	0	-9,1994
53	53	57	INERZIA	0	0	0	0	-8,3349
53	53	56	INERZIA	0	0	0	0	-9,7473
53	53	70	INCRSIS	0	0	0	0	-89,5388
53	53	71	INCRSIS	0	0	0	0	-86,7076
53	53	57	INCRSIS	0	0	0	0	-78,5595
53	53	56	INCRSIS	0	0	0	0	-91,8714
54	54	71	PP	-12,76	-32,86	-12,565	28,7	0
54	54	72	PP	-12,83	-27,65	-2,29	23,96	0
54	54	58	PP	-19,33	-28,98	-4,232	25,56	0
54	54	57	PP	-18,9	-34,56	-17,033	29,98	0
54	54	71	STER	0	0	0	0	-44,8319
54	54	72	STER	0	0	0	0	-39,8914
54	54	58	STER	0	0	0	0	-23,1463
54	54	57	STER	0	0	0	0	-35,9171
54	54	71	SSOVR	0	0	0	0	-14,7233
54	54	72	SSOVR	0	0	0	0	-11,92
54	54	58	SSOVR	0	0	0	0	-6,8081
54	54	57	SSOVR	0	0	0	0	-13,3368
54	54	71	INERZIA	0	0	0	0	-9,1726
54	54	72	INERZIA	0	0	0	0	-7,4262
54	54	58	INERZIA	0	0	0	0	-4,2414
54	54	57	INERZIA	0	0	0	0	-8,3088
54	54	71	INCRSIS	0	0	0	0	-86,4555
54	54	72	INCRSIS	0	0	0	0	-69,9944
54	54	58	INCRSIS	0	0	0	0	-39,9771
54	54	57	INCRSIS	0	0	0	0	-78,3137
55	55	72	PP	-13,27	-28,75	13,723	24,92	0
55	55	73	PP	-8,97	-28,7	28,342	25,43	0
55	55	59	PP	-13,12	-30,63	33,603	26,61	0
55	55	58	PP	-18,14	-29,97	17,519	26,14	0
55	55	72	STER	0	0	0	0	-39,8541
55	55	73	STER	0	0	0	0	-32,167
55	55	59	STER	0	0	0	0	-12,8522
55	55	58	STER	0	0	0	0	-22,9562
55	55	72	SSOVR	0	0	0	0	-11,8967



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
55	55	73	SSOVR	0	0	0	0	-9,0041
55	55	59	SSOVR	0	0	0	0	-2,5612
55	55	58	SSOVR	0	0	0	0	-6,7043
55	55	72	INERZIA	0	0	0	0	-7,4117
55	55	73	INERZIA	0	0	0	0	-5,6095
55	55	59	INERZIA	0	0	0	0	-1,5957
55	55	58	INERZIA	0	0	0	0	-4,1768
55	55	72	INCRSIS	0	0	0	0	-69,8575
55	55	73	INCRSIS	0	0	0	0	-52,872
55	55	59	INCRSIS	0	0	0	0	-15,0396
55	55	58	INCRSIS	0	0	0	0	-39,3677
56	56	73	PP	-5,72	-33,42	34,581	30,96	0
56	56	74	PP	2,95	-35,75	40,818	37,32	0
56	56	60	PP	0,21	-35,58	41,855	35,68	0
56	56	59	PP	-8,58	-33,13	35,314	29,78	0
56	56	73	STER	0	0	0	0	-32,1658
56	56	74	STER	0	0	0	0	-21,969
56	56	60	STER	0	0	0	0	-5,8317
56	56	59	STER	0	0	0	0	-12,8512
56	56	73	SSOVR	0	0	0	0	-9,0019
56	56	74	SSOVR	0	0	0	0	-6,2087
56	56	60	SSOVR	0	0	0	0	-1,0162
56	56	59	SSOVR	0	0	0	0	-2,5602
56	56	73	INERZIA	0	0	0	0	-5,6082
56	56	74	INERZIA	0	0	0	0	-3,868
56	56	60	INERZIA	0	0	0	0	-0,6331
56	56	59	INERZIA	0	0	0	0	-1,595
56	56	73	INCRSIS	0	0	0	0	-52,8589
56	56	74	INCRSIS	0	0	0	0	-36,4576
56	56	60	INCRSIS	0	0	0	0	-5,967
56	56	59	INCRSIS	0	0	0	0	-15,0333
57	57	74	PP	7,52	-42,79	42,727	47	0
57	57	75	PP	18,08	-43,24	46,285	54,57	0
57	57	61	PP	18,56	-41,77	45,688	53,53	0
57	57	60	PP	8,09	-41,41	41,934	45,99	0
57	57	74	STER	0	0	0	0	-22,0074
57	57	75	STER	0	0	0	0	-2,406
57	57	61	STER	0	0	0	0	1,5135
57	57	60	STER	0	0	0	0	-5,9988
57	57	74	SSOVR	0	0	0	0	-6,2256
57	57	75	SSOVR	0	0	0	0	-1,3435
57	57	61	SSOVR	0	0	0	0	-0,8996
57	57	60	SSOVR	0	0	0	0	-1,11
57	57	74	INERZIA	0	0	0	0	-3,8786
57	57	75	INERZIA	0	0	0	0	-0,837
57	57	61	INERZIA	0	0	0	0	-0,5605
57	57	60	INERZIA	0	0	0	0	-0,6915
57	57	74	INCRSIS	0	0	0	0	-36,5568
57	57	75	INCRSIS	0	0	0	0	-7,8893
57	57	61	INCRSIS	0	0	0	0	-5,2826
57	57	60	INCRSIS	0	0	0	0	-6,5181
58	58	75	PP	22,7	-50,77	46,827	65,16	0
58	58	76	PP	38,41	-56,81	48,354	82,98	0
58	58	62	PP	40,49	-53,66	47,325	81,8	0
58	58	61	PP	24,89	-47,72	45,471	63,9	0
58	58	75	STER	0	0	0	0	-2,5226
58	58	76	STER	0	0	0	0	30,8574
58	58	62	STER	0	0	0	0	19,4073
58	58	61	STER	0	0	0	0	1,4432
58	58	75	SSOVR	0	0	0	0	-1,4068
58	58	76	SSOVR	0	0	0	0	8,4246
58	58	62	SSOVR	0	0	0	0	4,7476
58	58	61	SSOVR	0	0	0	0	-0,9413
58	58	75	INERZIA	0	0	0	0	-0,8764
58	58	76	INERZIA	0	0	0	0	5,2485
58	58	62	INERZIA	0	0	0	0	2,9578
58	58	61	INERZIA	0	0	0	0	-0,5864
58	58	75	INCRSIS	0	0	0	0	-8,2605

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
58	58	76	INCRSIS	0	0	0	0	49,4692
58	58	62	INCRSIS	0	0	0	0	27,8781
58	58	61	INCRSIS	0	0	0	0	-5,5275
59	59	76	PP	57,67	-78,01	47,624	117,94	0
59	59	77	PP	30,68	-50,16	49,622	70,69	0
59	59	63	PP	33,52	-44,14	47,615	67,46	0
59	59	62	PP	60,66	-72,14	46,404	115,16	0
59	59	76	STER	0	0	0	0	30,7217
59	59	77	STER	0	0	0	0	92,6895
59	59	63	STER	0	0	0	0	56,5762
59	59	62	STER	0	0	0	0	19,2516
59	59	76	SSOVR	0	0	0	0	8,3533
59	59	77	SSOVR	0	0	0	0	29,7744
59	59	63	SSOVR	0	0	0	0	20,7771
59	59	62	SSOVR	0	0	0	0	4,6831
59	59	76	INERZIA	0	0	0	0	5,2041
59	59	77	INERZIA	0	0	0	0	18,5495
59	59	63	INERZIA	0	0	0	0	12,9441
59	59	62	INERZIA	0	0	0	0	2,9175
59	59	76	INCRSIS	0	0	0	0	49,0503
59	59	77	INCRSIS	0	0	0	0	174,8353
59	59	63	INCRSIS	0	0	0	0	122,0029
59	59	62	INCRSIS	0	0	0	0	27,4989
61	61	78	PP	12,79	-120,91	-6,449	127,78	0
61	61	79	PP	24,47	-74,84	-11,193	89,62	0
61	61	66	PP	-2,55	-78,21	-9,467	76,97	0
61	61	65	PP	-13,61	-124,91	-4,28	118,69	0
61	61	78	STER	0	0	0	0	17,9036
61	61	79	STER	0	0	0	0	7,781
61	61	66	STER	0	0	0	0	0,9606
61	61	65	STER	0	0	0	0	-4,2817
61	61	78	SSOVR	0	0	0	0	5,2019
61	61	79	SSOVR	0	0	0	0	1,0894
61	61	66	SSOVR	0	0	0	0	-0,1748
61	61	65	SSOVR	0	0	0	0	-1,2679
61	61	78	INERZIA	0	0	0	0	3,2408
61	61	79	INERZIA	0	0	0	0	0,6787
61	61	66	INERZIA	0	0	0	0	-0,1089
61	61	65	INERZIA	0	0	0	0	-0,7899
61	61	78	INCRSIS	0	0	0	0	30,5456
61	61	79	INCRSIS	0	0	0	0	6,3971
61	61	66	INCRSIS	0	0	0	0	-1,0265
61	61	65	INCRSIS	0	0	0	0	-7,445
62	62	79	PP	6,85	-78,47	-12,223	82,1	0
62	62	80	PP	9,8	-71	-14,471	76,38	0
62	62	67	PP	-1,64	-74,11	-16,324	73,3	0
62	62	66	PP	-4,8	-81,38	-13,722	79,09	0
62	62	79	STER	0	0	0	0	7,3541
62	62	80	STER	0	0	0	0	-1,8762
62	62	67	STER	0	0	0	0	-8,3483
62	62	66	STER	0	0	0	0	0,5191
62	62	79	SSOVR	0	0	0	0	1,125
62	62	80	SSOVR	0	0	0	0	-1,9526
62	62	67	SSOVR	0	0	0	0	-3,4616
62	62	66	SSOVR	0	0	0	0	-0,3162
62	62	79	INERZIA	0	0	0	0	0,7009
62	62	80	INERZIA	0	0	0	0	-1,2165
62	62	67	INERZIA	0	0	0	0	-2,1566
62	62	66	INERZIA	0	0	0	0	-0,197
62	62	79	INCRSIS	0	0	0	0	6,606
62	62	80	INCRSIS	0	0	0	0	-11,4657
62	62	67	INCRSIS	0	0	0	0	-20,3268
62	62	66	INCRSIS	0	0	0	0	-1,857
63	63	80	PP	4,6	-73,78	-16,73	76,19	0
63	63	81	PP	7,12	-65,8	-18,393	69,63	0
63	63	68	PP	-1,96	-66,58	-18,339	65,62	0
63	63	67	PP	-4,46	-74,58	-16,484	72,45	0
63	63	80	STER	0	0	0	0	-2,3485

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
63	63	81	STER	0	0	0	0	-18,5567
63	63	68	STER	0	0	0	0	-19,8813
63	63	67	STER	0	0	0	0	-8,2624
63	63	80	SSOVR	0	0	0	0	-2,1589
63	63	81	SSOVR	0	0	0	0	-7,2455
63	63	68	SSOVR	0	0	0	0	-7,5631
63	63	67	SSOVR	0	0	0	0	-3,4217
63	63	80	INERZIA	0	0	0	0	-1,345
63	63	81	INERZIA	0	0	0	0	-4,5139
63	63	68	INERZIA	0	0	0	0	-4,7118
63	63	67	INERZIA	0	0	0	0	-2,1317
63	63	80	INCRSIS	0	0	0	0	-12,677
63	63	81	INCRSIS	0	0	0	0	-42,5455
63	63	68	INCRSIS	0	0	0	0	-44,4104
63	63	67	INCRSIS	0	0	0	0	-20,0922
64	64	81	PP	1,94	-66,32	-18,439	67,31	0
64	64	82	PP	3,63	-58,34	-19,501	60,23	0
64	64	69	PP	-3,45	-59,92	-20,68	58,27	0
64	64	68	PP	-5,19	-67,85	-19,407	65,41	0
64	64	81	STER	0	0	0	0	-18,3485
64	64	82	STER	0	0	0	0	-34,8155
64	64	69	STER	0	0	0	0	-33,8607
64	64	68	STER	0	0	0	0	-19,9775
64	64	81	SSOVR	0	0	0	0	-7,1868
64	64	82	SSOVR	0	0	0	0	-12,0607
64	64	69	SSOVR	0	0	0	0	-12,4716
64	64	68	SSOVR	0	0	0	0	-7,6039
64	64	81	INERZIA	0	0	0	0	-4,4774
64	64	82	INERZIA	0	0	0	0	-7,5138
64	64	69	INERZIA	0	0	0	0	-7,7698
64	64	68	INERZIA	0	0	0	0	-4,7373
64	64	81	INCRSIS	0	0	0	0	-42,2007
64	64	82	INCRSIS	0	0	0	0	-70,8205
64	64	69	INCRSIS	0	0	0	0	-73,2335
64	64	68	INCRSIS	0	0	0	0	-44,6503
65	65	82	PP	-1	-58,66	-19,46	58,16	0
65	65	83	PP	-0,52	-51,33	-19,358	51,07	0
65	65	70	PP	-7,13	-52,33	-20,049	49,15	0
65	65	69	PP	-7,62	-59,65	-20,071	56,23	0
65	65	82	STER	0	0	0	0	-34,8629
65	65	83	STER	0	0	0	0	-47,3932
65	65	70	STER	0	0	0	0	-43,112
65	65	69	STER	0	0	0	0	-33,9023
65	65	82	SSOVR	0	0	0	0	-12,0794
65	65	83	SSOVR	0	0	0	0	-15,2653
65	65	70	SSOVR	0	0	0	0	-15,2469
65	65	69	SSOVR	0	0	0	0	-12,5001
65	65	82	INERZIA	0	0	0	0	-7,5255
65	65	83	INERZIA	0	0	0	0	-9,5103
65	65	70	INERZIA	0	0	0	0	-9,4988
65	65	69	INERZIA	0	0	0	0	-7,7875
65	65	82	INCRSIS	0	0	0	0	-70,9303
65	65	83	INCRSIS	0	0	0	0	-89,6379
65	65	70	INCRSIS	0	0	0	0	-89,5296
65	65	69	INCRSIS	0	0	0	0	-73,4003
66	66	83	PP	-5,58	-50,39	-17,29	47,85	0
66	66	84	PP	-5,71	-42,52	-15,232	39,97	0
66	66	71	PP	-11,11	-43,68	-16,445	39,32	0
66	66	70	PP	-10,92	-51,62	-18,474	47,11	0
66	66	83	STER	0	0	0	0	-47,3947
66	66	84	STER	0	0	0	0	-53,9005
66	66	71	STER	0	0	0	0	-44,8758
66	66	70	STER	0	0	0	0	-43,119
66	66	83	SSOVR	0	0	0	0	-15,2628
66	66	84	SSOVR	0	0	0	0	-16,2304
66	66	71	SSOVR	0	0	0	0	-14,7563
66	66	70	SSOVR	0	0	0	0	-15,2454
66	66	83	INERZIA	0	0	0	0	-9,5087



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
66	66	84	INERZIA	0	0	0	0	-10,1115
66	66	71	INERZIA	0	0	0	0	-9,1931
66	66	70	INERZIA	0	0	0	0	-9,4979
66	66	83	INCRSIS	0	0	0	0	-89,623
66	66	84	INCRSIS	0	0	0	0	-95,3046
66	66	71	INCRSIS	0	0	0	0	-86,6487
66	66	70	INCRSIS	0	0	0	0	-89,5209
67	67	84	PP	-10,37	-41,6	-10,287	37,5	0
67	67	85	PP	-10,03	-34,47	-3,509	30,71	0
67	67	72	PP	-14,35	-35,25	-1,979	30,71	0
67	67	71	PP	-14,79	-42,28	-10,027	37,17	0
67	67	84	STER	0	0	0	0	-53,8756
67	67	85	STER	0	0	0	0	-53,4539
67	67	72	STER	0	0	0	0	-39,8891
67	67	71	STER	0	0	0	0	-44,8097
67	67	84	SSOVR	0	0	0	0	-16,2106
67	67	85	SSOVR	0	0	0	0	-15,1202
67	67	72	SSOVR	0	0	0	0	-11,9207
67	67	71	SSOVR	0	0	0	0	-14,7133
67	67	84	INERZIA	0	0	0	0	-10,0992
67	67	85	INERZIA	0	0	0	0	-9,4199
67	67	72	INERZIA	0	0	0	0	-7,4266
67	67	71	INERZIA	0	0	0	0	-9,1664
67	67	84	INCRSIS	0	0	0	0	-95,1885
67	67	85	INCRSIS	0	0	0	0	-88,7859
67	67	72	INCRSIS	0	0	0	0	-69,9985
67	67	71	INCRSIS	0	0	0	0	-86,3967
68	68	85	PP	-12,5	-35,45	8,494	31,15	0
68	68	86	PP	-8,39	-32,02	22,128	28,76	0
68	68	73	PP	-10,66	-32,94	24,198	29,11	0
68	68	72	PP	-15,08	-36,07	9,565	31,37	0
68	68	85	STER	0	0	0	0	-53,4538
68	68	86	STER	0	0	0	0	-47,3138
68	68	73	STER	0	0	0	0	-32,1872
68	68	72	STER	0	0	0	0	-39,8518
68	68	85	SSOVR	0	0	0	0	-15,1128
68	68	86	SSOVR	0	0	0	0	-12,8753
68	68	73	SSOVR	0	0	0	0	-9,0166
68	68	72	SSOVR	0	0	0	0	-11,8974
68	68	85	INERZIA	0	0	0	0	-9,4153
68	68	86	INERZIA	0	0	0	0	-8,0213
68	68	73	INERZIA	0	0	0	0	-5,6174
68	68	72	INERZIA	0	0	0	0	-7,4121
68	68	85	INCRSIS	0	0	0	0	-88,7422
68	68	86	INCRSIS	0	0	0	0	-75,6039
68	68	73	INCRSIS	0	0	0	0	-52,9458
68	68	72	INCRSIS	0	0	0	0	-69,8616
69	69	86	PP	-7,72	-36,23	29,642	33,05	0
69	69	87	PP	0,6	-36,56	37,804	36,86	0
69	69	74	PP	0,7	-37,79	38,632	38,15	0
69	69	73	PP	-7,79	-37,28	31,04	34,06	0
69	69	86	STER	0	0	0	0	-47,3216
69	69	87	STER	0	0	0	0	-35,0959
69	69	74	STER	0	0	0	0	-21,969
69	69	73	STER	0	0	0	0	-32,1861
69	69	86	SSOVR	0	0	0	0	-12,8755
69	69	87	SSOVR	0	0	0	0	-9,418
69	69	74	SSOVR	0	0	0	0	-6,2096
69	69	73	SSOVR	0	0	0	0	-9,0144
69	69	86	INERZIA	0	0	0	0	-8,0214
69	69	87	INERZIA	0	0	0	0	-5,8674
69	69	74	INERZIA	0	0	0	0	-3,8686
69	69	73	INERZIA	0	0	0	0	-5,616
69	69	86	INCRSIS	0	0	0	0	-75,6048
69	69	87	INCRSIS	0	0	0	0	-55,3027
69	69	74	INCRSIS	0	0	0	0	-36,4629
69	69	73	INCRSIS	0	0	0	0	-52,9327
70	70	87	PP	4,31	-44,54	41,242	46,85	0



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
70	70	88	PP	15,39	-44,35	45,538	53,72	0
70	70	75	PP	16,21	-44,49	45,316	54,44	0
70	70	74	PP	5,16	-44,72	41,057	47,51	0
70	70	87	STER	0	0	0	0	-35,1329
70	70	88	STER	0	0	0	0	-7,5034
70	70	75	STER	0	0	0	0	-2,3968
70	70	74	STER	0	0	0	0	-22,0074
70	70	87	SSOVR	0	0	0	0	-9,4286
70	70	88	SSOVR	0	0	0	0	-2,1251
70	70	75	SSOVR	0	0	0	0	-1,3373
70	70	74	SSOVR	0	0	0	0	-6,2265
70	70	87	INERZIA	0	0	0	0	-5,874
70	70	88	INERZIA	0	0	0	0	-1,3239
70	70	75	INERZIA	0	0	0	0	-0,8331
70	70	74	INERZIA	0	0	0	0	-3,8791
70	70	87	INCRSIS	0	0	0	0	-55,3649
70	70	88	INCRSIS	0	0	0	0	-12,4786
70	70	75	INCRSIS	0	0	0	0	-7,8526
70	70	74	INCRSIS	0	0	0	0	-36,5621
71	71	88	PP	18,62	-52,4	46,75	63,78	0
71	71	89	PP	33,9	-58,47	48,258	80,93	0
71	71	76	PP	36,05	-58,01	47,669	82,2	0
71	71	75	PP	20,81	-52	46,025	64,96	0
71	71	88	STER	0	0	0	0	-7,6174
71	71	89	STER	0	0	0	0	39,0123
71	71	76	STER	0	0	0	0	30,8433
71	71	75	STER	0	0	0	0	-2,5134
71	71	88	SSOVR	0	0	0	0	-2,1745
71	71	89	SSOVR	0	0	0	0	10,7134
71	71	76	SSOVR	0	0	0	0	8,421
71	71	75	SSOVR	0	0	0	0	-1,4005
71	71	88	INERZIA	0	0	0	0	-1,3547
71	71	89	INERZIA	0	0	0	0	6,6745
71	71	76	INERZIA	0	0	0	0	5,2463
71	71	75	INERZIA	0	0	0	0	-0,8725
71	71	88	INCRSIS	0	0	0	0	-12,7687
71	71	89	INCRSIS	0	0	0	0	62,9092
71	71	76	INCRSIS	0	0	0	0	49,4481
71	71	75	INCRSIS	0	0	0	0	-8,2238
72	72	89	PP	52,78	-81,12	47,785	116,82	0
72	72	90	PP	28,28	-52,19	50,714	70,7	0
72	72	77	PP	30,68	-50,16	49,622	70,69	0
72	72	76	PP	55,34	-79,23	47,139	117,15	0
72	72	89	STER	0	0	0	0	38,8049
72	72	90	STER	0	0	0	0	121,9755
72	72	77	STER	0	0	0	0	92,6895
72	72	76	STER	0	0	0	0	30,7077
72	72	89	SSOVR	0	0	0	0	10,6246
72	72	90	SSOVR	0	0	0	0	35,5172
72	72	77	SSOVR	0	0	0	0	29,7744
72	72	76	SSOVR	0	0	0	0	8,3497
72	72	89	INERZIA	0	0	0	0	6,6191
72	72	90	INERZIA	0	0	0	0	22,1272
72	72	77	INERZIA	0	0	0	0	18,5495
72	72	76	INERZIA	0	0	0	0	5,2018
72	72	89	INCRSIS	0	0	0	0	62,3876
72	72	90	INCRSIS	0	0	0	0	208,5569
72	72	77	INCRSIS	0	0	0	0	174,8353
72	72	76	INCRSIS	0	0	0	0	49,0292
73	73	91	PP	26,1	-105,09	-12,484	120,28	0
73	73	79	PP	18,41	-106,43	-12,623	116,72	0
73	73	78	PP	20,41	-105,22	-14,073	116,77	0
73	73	91	STER	0	0	0	0	33,7611
73	73	79	STER	0	0	0	0	8,3017
73	73	78	STER	0	0	0	0	13,0262
73	73	91	SSOVR	0	0	0	0	9,4482
73	73	79	SSOVR	0	0	0	0	1,2594
73	73	78	SSOVR	0	0	0	0	3,6416

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
73	73	91	INERZIA	0	0	0	0	5,8862
73	73	79	INERZIA	0	0	0	0	0,7846
73	73	78	INERZIA	0	0	0	0	2,2687
73	73	91	INCRSIS	0	0	0	0	55,4799
73	73	79	INCRSIS	0	0	0	0	7,395
73	73	78	INCRSIS	0	0	0	0	21,3836
74	74	91	PP	14,29	-107,26	-13,562	115,07	0
74	74	92	PP	18,37	-88,61	-14,794	99,08	0
74	74	80	PP	6,28	-88,73	-13,348	92,04	0
74	74	79	PP	2,31	-107,5	-12,177	108,67	0
74	74	91	STER	0	0	0	0	36,2419
74	74	92	STER	0	0	0	0	3,9317
74	74	80	STER	0	0	0	0	-1,96
74	74	79	STER	0	0	0	0	7,8748
74	74	91	SSOVR	0	0	0	0	9,6472
74	74	92	SSOVR	0	0	0	0	-0,7405
74	74	80	SSOVR	0	0	0	0	-1,9882
74	74	79	SSOVR	0	0	0	0	1,2949
74	74	91	INERZIA	0	0	0	0	6,0102
74	74	92	INERZIA	0	0	0	0	-0,4613
74	74	80	INERZIA	0	0	0	0	-1,2386
74	74	79	INERZIA	0	0	0	0	0,8067
74	74	91	INCRSIS	0	0	0	0	56,6486
74	74	92	INCRSIS	0	0	0	0	-4,3484
74	74	80	INCRSIS	0	0	0	0	-11,6746
74	74	79	INCRSIS	0	0	0	0	7,6039
75	75	92	PP	9,48	-89,76	-14,769	94,85	0
75	75	93	PP	12,22	-80,21	-16,143	86,97	0
75	75	81	PP	3,73	-81,87	-16,753	83,8	0
75	75	80	PP	0,94	-91,37	-15,232	91,84	0
75	75	92	STER	0	0	0	0	5,0712
75	75	93	STER	0	0	0	0	-11,6357
75	75	81	STER	0	0	0	0	-18,5235
75	75	80	STER	0	0	0	0	-2,4323
75	75	92	SSOVR	0	0	0	0	-0,1714
75	75	93	SSOVR	0	0	0	0	-5,2527
75	75	81	SSOVR	0	0	0	0	-7,2333
75	75	80	SSOVR	0	0	0	0	-2,1945
75	75	92	INERZIA	0	0	0	0	-0,1068
75	75	93	INERZIA	0	0	0	0	-3,2724
75	75	81	INERZIA	0	0	0	0	-4,5064
75	75	80	INERZIA	0	0	0	0	-1,3672
75	75	92	INCRSIS	0	0	0	0	-1,0067
75	75	93	INCRSIS	0	0	0	0	-30,8439
75	75	81	INCRSIS	0	0	0	0	-42,4742
75	75	80	INCRSIS	0	0	0	0	-12,886
76	76	93	PP	6,17	-81,54	-16,7	84,79	0
76	76	94	PP	8,08	-70,97	-17,4	75,33	0
76	76	82	PP	0,46	-71,82	-17,463	72,05	0
76	76	81	PP	-1,45	-82,39	-16,698	81,67	0
76	76	93	STER	0	0	0	0	-12,1731
76	76	94	STER	0	0	0	0	-32,6084
76	76	82	STER	0	0	0	0	-34,8049
76	76	81	STER	0	0	0	0	-18,3153
76	76	93	SSOVR	0	0	0	0	-5,4404
76	76	94	SSOVR	0	0	0	0	-10,9339
76	76	82	SSOVR	0	0	0	0	-12,0583
76	76	81	SSOVR	0	0	0	0	-7,1746
76	76	93	INERZIA	0	0	0	0	-3,3893
76	76	94	INERZIA	0	0	0	0	-6,8118
76	76	82	INERZIA	0	0	0	0	-7,5123
76	76	81	INERZIA	0	0	0	0	-4,4698
76	76	93	INCRSIS	0	0	0	0	-31,9458
76	76	94	INCRSIS	0	0	0	0	-64,2039
76	76	82	INCRSIS	0	0	0	0	-70,8065
76	76	81	INCRSIS	0	0	0	0	-42,1294
77	77	94	PP	1,8	-71,02	-16,78	71,94	0
77	77	95	PP	2,96	-61,04	-16,84	62,57	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
77	77	83	PP	-3,01	-62,16	-17,443	60,71	0
77	77	82	PP	-4,17	-72,15	-17,3	70,16	0
77	77	94	STER	0	0	0	0	-32,5471
77	77	95	STER	0	0	0	0	-49,5158
77	77	83	STER	0	0	0	0	-47,3773
77	77	82	STER	0	0	0	0	-34,8523
77	77	94	SSOVR	0	0	0	0	-10,9219
77	77	95	SSOVR	0	0	0	0	-14,949
77	77	83	SSOVR	0	0	0	0	-15,2588
77	77	82	SSOVR	0	0	0	0	-12,077
77	77	94	INERZIA	0	0	0	0	-6,8044
77	77	95	INERZIA	0	0	0	0	-9,3132
77	77	83	INERZIA	0	0	0	0	-9,5063
77	77	82	INERZIA	0	0	0	0	-7,524
77	77	94	INCRSIS	0	0	0	0	-64,1335
77	77	95	INCRSIS	0	0	0	0	-87,7804
77	77	83	INCRSIS	0	0	0	0	-89,6
77	77	82	INCRSIS	0	0	0	0	-70,9163
78	78	95	PP	-2,89	-60,75	-15,553	59,36	0
78	78	96	PP	-2,51	-50,95	-14,011	49,75	0
78	78	84	PP	-7,57	-51,55	-13,78	48,21	0
78	78	83	PP	-7,95	-61,34	-15,491	57,78	0
78	78	95	STER	0	0	0	0	-49,5443
78	78	96	STER	0	0	0	0	-60,5409
78	78	84	STER	0	0	0	0	-53,8881
78	78	83	STER	0	0	0	0	-47,3788
78	78	95	SSOVR	0	0	0	0	-14,9526
78	78	96	SSOVR	0	0	0	0	-16,9926
78	78	84	SSOVR	0	0	0	0	-16,2263
78	78	83	SSOVR	0	0	0	0	-15,2563
78	78	95	INERZIA	0	0	0	0	-9,3154
78	78	96	INERZIA	0	0	0	0	-10,5864
78	78	84	INERZIA	0	0	0	0	-10,109
78	78	83	INERZIA	0	0	0	0	-9,5047
78	78	95	INCRSIS	0	0	0	0	-87,8015
78	78	96	INCRSIS	0	0	0	0	-99,7806
78	78	84	INCRSIS	0	0	0	0	-95,281
78	78	83	INCRSIS	0	0	0	0	-89,585
79	79	96	PP	-8,46	-50,18	-9,772	46,53	0
79	79	97	PP	-7,65	-40,43	-5,081	37,2	0
79	79	85	PP	-11,25	-41,05	-4,332	36,73	0
79	79	84	PP	-12,12	-50,75	-9,565	45,9	0
79	79	96	STER	0	0	0	0	-60,5416
79	79	97	STER	0	0	0	0	-63,9036
79	79	85	STER	0	0	0	0	-53,4532
79	79	84	STER	0	0	0	0	-53,8631
79	79	96	SSOVR	0	0	0	0	-16,986
79	79	97	SSOVR	0	0	0	0	-16,9289
79	79	85	SSOVR	0	0	0	0	-15,1221
79	79	84	SSOVR	0	0	0	0	-16,2066
79	79	96	INERZIA	0	0	0	0	-10,5823
79	79	97	INERZIA	0	0	0	0	-10,5467
79	79	85	INERZIA	0	0	0	0	-9,4211
79	79	84	INERZIA	0	0	0	0	-10,0967
79	79	96	INCRSIS	0	0	0	0	-99,7416
79	79	97	INCRSIS	0	0	0	0	-99,4065
79	79	85	INCRSIS	0	0	0	0	-88,7971
79	79	84	INCRSIS	0	0	0	0	-95,1649
80	80	97	PP	-12	-41,07	2,752	36,58	0
80	80	98	PP	-9,06	-34,97	13,928	31,44	0
80	80	86	PP	-10,54	-36,17	17,254	32,22	0
80	80	85	PP	-14,05	-41,7	5,426	36,74	0
80	80	97	STER	0	0	0	0	-63,9327
80	80	98	STER	0	0	0	0	-59,3069
80	80	86	STER	0	0	0	0	-47,3159
80	80	85	STER	0	0	0	0	-53,4531
80	80	97	SSOVR	0	0	0	0	-16,9326
80	80	98	SSOVR	0	0	0	0	-15,1144

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Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
80	80	86	SSOVR	0	0	0	0	-12,8784
80	80	85	SSOVR	0	0	0	0	-15,1147
80	80	97	INERZIA	0	0	0	0	-10,549
80	80	98	INERZIA	0	0	0	0	-9,4163
80	80	86	INERZIA	0	0	0	0	-8,0232
80	80	85	INERZIA	0	0	0	0	-9,4165
80	80	97	INCRSIS	0	0	0	0	-99,4283
80	80	98	INCRSIS	0	0	0	0	-88,752
80	80	86	INCRSIS	0	0	0	0	-75,6218
80	80	85	INCRSIS	0	0	0	0	-88,7535
81	81	98	PP	-9,92	-38,78	23,349	34,89	0
81	81	99	PP	-1,87	-37,1	33,907	36,2	0
81	81	87	PP	-2,11	-38,41	35,12	37,39	0
81	81	86	PP	-10,46	-39,79	25,115	35,73	0
81	81	98	STER	0	0	0	0	-59,3233
81	81	99	STER	0	0	0	0	-46,1917
81	81	87	STER	0	0	0	0	-35,1004
81	81	86	STER	0	0	0	0	-47,3238
81	81	98	SSOVR	0	0	0	0	-15,117
81	81	99	SSOVR	0	0	0	0	-11,4062
81	81	87	SSOVR	0	0	0	0	-9,4213
81	81	86	SSOVR	0	0	0	0	-12,8785
81	81	98	INERZIA	0	0	0	0	-9,4179
81	81	99	INERZIA	0	0	0	0	-7,1061
81	81	87	INERZIA	0	0	0	0	-5,8695
81	81	86	INERZIA	0	0	0	0	-8,0233
81	81	98	INCRSIS	0	0	0	0	-88,7672
81	81	99	INCRSIS	0	0	0	0	-66,9771
81	81	87	INCRSIS	0	0	0	0	-55,3221
81	81	86	INCRSIS	0	0	0	0	-75,6228
82	82	99	PP	0,1	-44,73	38,863	44,78	0
82	82	100	PP	10,92	-43,72	44,135	50,08	0
82	82	88	PP	12,23	-45,19	44,23	52,39	0
82	82	87	PP	1,38	-46,16	39,283	46,87	0
82	82	99	STER	0	0	0	0	-46,2296
82	82	100	STER	0	0	0	0	-13,3551
82	82	88	STER	0	0	0	0	-7,5021
82	82	87	STER	0	0	0	0	-35,1374
82	82	99	SSOVR	0	0	0	0	-11,4143
82	82	100	SSOVR	0	0	0	0	-2,9197
82	82	88	SSOVR	0	0	0	0	-2,124
82	82	87	SSOVR	0	0	0	0	-9,4319
82	82	99	INERZIA	0	0	0	0	-7,1111
82	82	100	INERZIA	0	0	0	0	-1,819
82	82	88	INERZIA	0	0	0	0	-1,3233
82	82	87	INERZIA	0	0	0	0	-5,8761
82	82	99	INCRSIS	0	0	0	0	-67,0248
82	82	100	INCRSIS	0	0	0	0	-17,1444
82	82	88	INCRSIS	0	0	0	0	-12,4722
82	82	87	INCRSIS	0	0	0	0	-55,3844
83	83	100	PP	14,14	-52,89	45,992	61,2	0
83	83	101	PP	30,24	-58,73	47,957	78,35	0
83	83	89	PP	31,48	-58,99	47,701	79,54	0
83	83	88	PP	15,4	-53,18	45,698	62,33	0
83	83	100	STER	0	0	0	0	-13,4648
83	83	101	STER	0	0	0	0	43,118
83	83	89	STER	0	0	0	0	39,0086
83	83	88	STER	0	0	0	0	-7,616
83	83	100	SSOVR	0	0	0	0	-2,9581
83	83	101	SSOVR	0	0	0	0	11,5646
83	83	89	SSOVR	0	0	0	0	10,715
83	83	88	SSOVR	0	0	0	0	-2,1734
83	83	100	INERZIA	0	0	0	0	-1,8429
83	83	101	INERZIA	0	0	0	0	7,2047
83	83	89	INERZIA	0	0	0	0	6,6755
83	83	88	INERZIA	0	0	0	0	-1,354
83	83	100	INCRSIS	0	0	0	0	-17,3701
83	83	101	INCRSIS	0	0	0	0	67,9073

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
83	83	89	INCRSIS	0	0	0	0	62,9187
83	83	88	INCRSIS	0	0	0	0	-12,7624
84	84	101	PP	48,16	-81,79	47,781	113,79	0
84	84	102	PP	26,18	-52,44	51,432	69,34	0
84	84	90	PP	28,28	-52,19	50,714	70,7	0
84	84	89	PP	50,37	-81,65	47,396	115,4	0
84	84	101	STER	0	0	0	0	42,9007
84	84	102	STER	0	0	0	0	143,0026
84	84	90	STER	0	0	0	0	121,9755
84	84	89	STER	0	0	0	0	38,8011
84	84	101	SSOVR	0	0	0	0	11,4902
84	84	102	SSOVR	0	0	0	0	37,928
84	84	90	SSOVR	0	0	0	0	35,5172
84	84	89	SSOVR	0	0	0	0	10,6262
84	84	101	INERZIA	0	0	0	0	7,1584
84	84	102	INERZIA	0	0	0	0	23,6291
84	84	90	INERZIA	0	0	0	0	22,1272
84	84	89	INERZIA	0	0	0	0	6,6201
84	84	101	INCRSIS	0	0	0	0	67,4702
84	84	102	INCRSIS	0	0	0	0	222,7131
84	84	90	INCRSIS	0	0	0	0	208,5569
84	84	89	INCRSIS	0	0	0	0	62,3971
85	85	103	PP	15,09	-108,14	-15,125	116,42	0
85	85	92	PP	16,31	-107,34	-14,671	116,36	0
85	85	91	PP	16,45	-105,25	-14,568	114,37	0
85	85	103	STER	0	0	0	0	19,4471
85	85	92	STER	0	0	0	0	3,6213
85	85	91	STER	0	0	0	0	35,7429
85	85	103	SSOVR	0	0	0	0	4,1017
85	85	92	SSOVR	0	0	0	0	-0,8804
85	85	91	SSOVR	0	0	0	0	9,7168
85	85	103	INERZIA	0	0	0	0	2,5553
85	85	92	INERZIA	0	0	0	0	-0,5485
85	85	91	INERZIA	0	0	0	0	6,0536
85	85	103	INCRSIS	0	0	0	0	24,085
85	85	92	INCRSIS	0	0	0	0	-5,1695
85	85	91	INCRSIS	0	0	0	0	57,0572
86	86	103	PP	13,87	-107,95	-15,341	115,51	0
86	86	104	PP	16,29	-93,68	-15,812	102,8	0
86	86	93	PP	9,42	-93,73	-15,168	98,78	0
86	86	92	PP	7,02	-108,02	-14,736	111,7	0
86	86	103	STER	0	0	0	0	25,7999
86	86	104	STER	0	0	0	0	-3,9298
86	86	93	STER	0	0	0	0	-11,5152
86	86	92	STER	0	0	0	0	4,7609
86	86	103	SSOVR	0	0	0	0	5,1754
86	86	104	SSOVR	0	0	0	0	-3,3473
86	86	93	SSOVR	0	0	0	0	-5,2125
86	86	92	SSOVR	0	0	0	0	-0,3113
86	86	103	INERZIA	0	0	0	0	3,2243
86	86	104	INERZIA	0	0	0	0	-2,0854
86	86	93	INERZIA	0	0	0	0	-3,2474
86	86	92	INERZIA	0	0	0	0	-0,1939
86	86	103	INCRSIS	0	0	0	0	30,3898
86	86	104	INCRSIS	0	0	0	0	-19,6554
86	86	93	INCRSIS	0	0	0	0	-30,6081
86	86	92	INCRSIS	0	0	0	0	-1,8278
87	87	104	PP	9,2	-94,33	-15,636	99,24	0
87	87	105	PP	11,59	-82,38	-16,437	88,75	0
87	87	94	PP	5,73	-83,08	-16,463	86,09	0
87	87	93	PP	3,34	-95,03	-15,617	96,74	0
87	87	104	STER	0	0	0	0	-2,2277
87	87	105	STER	0	0	0	0	-26,3139
87	87	94	STER	0	0	0	0	-32,6476
87	87	93	STER	0	0	0	0	-12,0527
87	87	104	SSOVR	0	0	0	0	-2,7116
87	87	105	SSOVR	0	0	0	0	-9,0291
87	87	94	SSOVR	0	0	0	0	-10,9449

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Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
87	87	93	SSOVR	0	0	0	0	-5,4002
87	87	104	INERZIA	0	0	0	0	-1,6893
87	87	105	INERZIA	0	0	0	0	-5,6251
87	87	94	INERZIA	0	0	0	0	-6,8187
87	87	93	INERZIA	0	0	0	0	-3,3643
87	87	104	INCRSIS	0	0	0	0	-15,9226
87	87	105	INCRSIS	0	0	0	0	-53,0188
87	87	94	INCRSIS	0	0	0	0	-64,2687
87	87	93	INCRSIS	0	0	0	0	-31,7099
88	88	105	PP	4,7	-82,79	-16,086	85,24	0
88	88	106	PP	6,13	-70,71	-16,089	73,96	0
88	88	95	PP	0,92	-71,08	-15,815	71,55	0
88	88	94	PP	-0,52	-83,17	-15,847	82,91	0
88	88	105	STER	0	0	0	0	-26,846
88	88	106	STER	0	0	0	0	-48,0687
88	88	95	STER	0	0	0	0	-49,497
88	88	94	STER	0	0	0	0	-32,5864
88	88	105	SSOVR	0	0	0	0	-9,1766
88	88	106	SSOVR	0	0	0	0	-14,013
88	88	95	SSOVR	0	0	0	0	-14,9433
88	88	94	SSOVR	0	0	0	0	-10,9329
88	88	105	INERZIA	0	0	0	0	-5,717
88	88	106	INERZIA	0	0	0	0	-8,7301
88	88	95	INERZIA	0	0	0	0	-9,3097
88	88	94	INERZIA	0	0	0	0	-6,8112
88	88	105	INCRSIS	0	0	0	0	-53,8852
88	88	106	INCRSIS	0	0	0	0	-82,2842
88	88	95	INCRSIS	0	0	0	0	-87,7468
88	88	94	INCRSIS	0	0	0	0	-64,1982
89	89	106	PP	-0,62	-70,35	-14,681	70,04	0
89	89	107	PP	0,32	-58,46	-13,656	58,62	0
89	89	96	PP	-3,93	-58,97	-13,477	57,1	0
89	89	95	PP	-4,87	-70,85	-14,59	68,54	0
89	89	106	STER	0	0	0	0	-47,9388
89	89	107	STER	0	0	0	0	-63,1161
89	89	96	STER	0	0	0	0	-60,5428
89	89	95	STER	0	0	0	0	-49,5255
89	89	106	SSOVR	0	0	0	0	-13,983
89	89	107	SSOVR	0	0	0	0	-16,8756
89	89	96	SSOVR	0	0	0	0	-16,9931
89	89	95	SSOVR	0	0	0	0	-14,9468
89	89	106	INERZIA	0	0	0	0	-8,7114
89	89	107	INERZIA	0	0	0	0	-10,5135
89	89	96	INERZIA	0	0	0	0	-10,5867
89	89	95	INERZIA	0	0	0	0	-9,3119
89	89	106	INCRSIS	0	0	0	0	-82,1081
89	89	107	INCRSIS	0	0	0	0	-99,0935
89	89	96	INCRSIS	0	0	0	0	-99,7834
89	89	95	INCRSIS	0	0	0	0	-87,7678
90	90	107	PP	-6,54	-58,1	-10,858	55,12	0
90	90	108	PP	-5,53	-46,69	-7,855	44,18	0
90	90	97	PP	-8,72	-46,94	-6,202	43,24	0
90	90	96	PP	-9,85	-58,23	-9,746	53,98	0
90	90	107	STER	0	0	0	0	-63,1662
90	90	108	STER	0	0	0	0	-69,9148
90	90	97	STER	0	0	0	0	-63,9047
90	90	96	STER	0	0	0	0	-60,5435
90	90	107	SSOVR	0	0	0	0	-16,8826
90	90	108	SSOVR	0	0	0	0	-17,5438
90	90	97	SSOVR	0	0	0	0	-16,9308
90	90	96	SSOVR	0	0	0	0	-16,9865
90	90	107	INERZIA	0	0	0	0	-10,5179
90	90	108	INERZIA	0	0	0	0	-10,9298
90	90	97	INERZIA	0	0	0	0	-10,5479
90	90	96	INERZIA	0	0	0	0	-10,5826
90	90	107	INCRSIS	0	0	0	0	-99,1348
90	90	108	INCRSIS	0	0	0	0	-103,017
90	90	97	INCRSIS	0	0	0	0	-99,4175

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
90	90	96	INCRSIS	0	0	0	0	-99,7445
91	91	108	PP	-11,11	-46,9	-1,396	42,45	0
91	91	109	PP	-8,79	-38,31	7,623	34,75	0
91	91	98	PP	-10,63	-39,11	10,138	35,03	0
91	91	97	PP	-13,33	-47,32	0,306	42,27	0
91	91	108	STER	0	0	0	0	-69,9525
91	91	109	STER	0	0	0	0	-67,0695
91	91	98	STER	0	0	0	0	-59,3115
91	91	97	STER	0	0	0	0	-63,9337
91	91	108	SSOVR	0	0	0	0	-17,5497
91	91	109	SSOVR	0	0	0	0	-16,0934
91	91	98	SSOVR	0	0	0	0	-15,118
91	91	97	SSOVR	0	0	0	0	-16,9345
91	91	108	INERZIA	0	0	0	0	-10,9335
91	91	109	INERZIA	0	0	0	0	-10,0262
91	91	98	INERZIA	0	0	0	0	-9,4185
91	91	97	INERZIA	0	0	0	0	-10,5502
91	91	108	INCRSIS	0	0	0	0	-103,0519
91	91	109	INCRSIS	0	0	0	0	-94,5003
91	91	98	INCRSIS	0	0	0	0	-88,7729
91	91	97	INCRSIS	0	0	0	0	-99,4393
92	92	109	PP	-11,82	-40,96	16,049	36,51	0
92	92	110	PP	-5,23	-37,02	-28,119	34,71	0
92	92	99	PP	-4,93	-38,96	30,419	36,74	0
92	92	98	PP	-12,13	-42,28	19,244	37,71	0
92	92	109	STER	0	0	0	0	-67,0949
92	92	110	STER	0	0	0	0	-54,1713
92	92	99	STER	0	0	0	0	-46,1944
92	92	98	STER	0	0	0	0	-59,3279
92	92	109	SSOVR	0	0	0	0	-16,0981
92	92	110	SSOVR	0	0	0	0	-12,436
92	92	99	SSOVR	0	0	0	0	-11,4086
92	92	98	SSOVR	0	0	0	0	-15,1206
92	92	109	INERZIA	0	0	0	0	-10,0291
92	92	110	INERZIA	0	0	0	0	-7,7477
92	92	99	INERZIA	0	0	0	0	-7,1076
92	92	98	INERZIA	0	0	0	0	-9,4201
92	92	109	INCRSIS	0	0	0	0	-94,5281
92	92	110	INCRSIS	0	0	0	0	-73,0244
92	92	99	INCRSIS	0	0	0	0	-66,9916
92	92	98	INCRSIS	0	0	0	0	-88,7881
93	93	110	PP	-3,9	-44,61	35,319	42,8	0
93	93	111	PP	7,43	-42,76	42,305	46,92	0
93	93	100	PP	8,12	-44,49	42,806	49,05	0
93	93	99	PP	-3,34	-46,2	36,305	44,62	0
93	93	110	STER	0	0	0	0	-54,2091
93	93	111	STER	0	0	0	0	-18,9158
93	93	100	STER	0	0	0	0	-13,3541
93	93	99	STER	0	0	0	0	-46,2323
93	93	110	SSOVR	0	0	0	0	-12,4434
93	93	111	SSOVR	0	0	0	0	-3,6289
93	93	100	SSOVR	0	0	0	0	-2,9201
93	93	99	SSOVR	0	0	0	0	-11,4168
93	93	110	INERZIA	0	0	0	0	-7,7522
93	93	111	INERZIA	0	0	0	0	-2,2608
93	93	100	INERZIA	0	0	0	0	-1,8192
93	93	99	INERZIA	0	0	0	0	-7,1126
93	93	110	INCRSIS	0	0	0	0	-73,0677
93	93	111	INCRSIS	0	0	0	0	-21,3091
93	93	100	INCRSIS	0	0	0	0	-17,1467
93	93	99	INCRSIS	0	0	0	0	-67,0393
94	94	111	PP	9,88	-52,14	44,955	57,72	0
94	94	112	PP	25,85	-56,73	47,602	73,16	0
94	94	101	PP	27,22	-58,16	47,53	75,54	0
94	94	100	PP	11,26	-53,58	44,975	60,01	0
94	94	111	STER	0	0	0	0	-19,0302
94	94	112	STER	0	0	0	0	43,3059
94	94	101	STER	0	0	0	0	43,1297



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
94	94	100	STER	0	0	0	0	-13,4638
94	94	111	SSOVR	0	0	0	0	-3,6614
94	94	112	SSOVR	0	0	0	0	11,3041
94	94	101	SSOVR	0	0	0	0	11,5706
94	94	100	SSOVR	0	0	0	0	-2,9585
94	94	111	INERZIA	0	0	0	0	-2,2811
94	94	112	INERZIA	0	0	0	0	7,0424
94	94	101	INERZIA	0	0	0	0	7,2085
94	94	100	INERZIA	0	0	0	0	-1,8432
94	94	111	INCRSIS	0	0	0	0	-21,4999
94	94	112	INCRSIS	0	0	0	0	66,3774
94	94	101	INCRSIS	0	0	0	0	67,9423
94	94	100	INCRSIS	0	0	0	0	-17,3724
95	95	112	PP	43,46	-80,73	47,716	109,16	0
95	95	113	PP	24,58	-52,03	51,911	67,75	0
95	95	102	PP	26,18	-52,44	51,432	69,34	0
95	95	101	PP	45,14	-81,22	47,487	110,91	0
95	95	112	STER	0	0	0	0	43,0833
95	95	113	STER	0	0	0	0	153,7417
95	95	102	STER	0	0	0	0	143,0026
95	95	101	STER	0	0	0	0	42,9123
95	95	112	SSOVR	0	0	0	0	11,2437
95	95	113	SSOVR	0	0	0	0	37,6687
95	95	102	SSOVR	0	0	0	0	37,928
95	95	101	SSOVR	0	0	0	0	11,4961
95	95	112	INERZIA	0	0	0	0	7,0048
95	95	113	INERZIA	0	0	0	0	23,4676
95	95	102	INERZIA	0	0	0	0	23,6291
95	95	101	INERZIA	0	0	0	0	7,1621
95	95	112	INCRSIS	0	0	0	0	66,0228
95	95	113	INCRSIS	0	0	0	0	221,1905
95	95	102	INCRSIS	0	0	0	0	222,7131
95	95	101	INCRSIS	0	0	0	0	67,5052
96	96	114	PP	14,26	-107,96	-15,445	115,76	0
96	96	104	PP	13,78	-107,91	-15,366	115,42	0
96	96	103	PP	14,04	-107,32	-15,492	114,98	0
96	96	114	STER	0	0	0	0	18,4314
96	96	104	STER	0	0	0	0	-4,1371
96	96	103	STER	0	0	0	0	24,2301
96	96	114	SSOVR	0	0	0	0	2,7832
96	96	104	SSOVR	0	0	0	0	-3,4452
96	96	103	SSOVR	0	0	0	0	4,9696
96	96	114	INERZIA	0	0	0	0	1,7339
96	96	104	INERZIA	0	0	0	0	-2,1464
96	96	103	INERZIA	0	0	0	0	3,0961
96	96	114	INCRSIS	0	0	0	0	16,3428
96	96	104	INCRSIS	0	0	0	0	-20,2305
96	96	103	INCRSIS	0	0	0	0	29,1816
97	97	114	PP	12,73	-107,98	-15,492	114,87	0
97	97	115	PP	15,65	-92,19	-16,222	100,93	0
97	97	105	PP	9,63	-92,35	-15,79	97,53	0
97	97	104	PP	6,73	-108,16	-15,071	111,68	0
97	97	114	STER	0	0	0	0	20,6066
97	97	115	STER	0	0	0	0	-19,3754
97	97	105	STER	0	0	0	0	-26,2074
97	97	104	STER	0	0	0	0	-2,435
97	97	114	SSOVR	0	0	0	0	2,7431
97	97	115	SSOVR	0	0	0	0	-7,2812
97	97	105	SSOVR	0	0	0	0	-8,9953
97	97	104	SSOVR	0	0	0	0	-2,8095
97	97	114	INERZIA	0	0	0	0	1,709
97	97	115	INERZIA	0	0	0	0	-4,5362
97	97	105	INERZIA	0	0	0	0	-5,604
97	97	104	INERZIA	0	0	0	0	-1,7503
97	97	114	INCRSIS	0	0	0	0	16,1075
97	97	115	INCRSIS	0	0	0	0	-42,7554
97	97	105	INCRSIS	0	0	0	0	-52,8202
97	97	104	INCRSIS	0	0	0	0	-16,4976

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
98	98	115	PP	8,02	-92,17	-15,475	96,43	0
98	98	116	PP	9,71	-79,3	-15,552	84,58	0
98	98	106	PP	4,44	-79,9	-15,499	82,21	0
98	98	105	PP	2,75	-92,78	-15,425	94,18	0
98	98	115	STER	0	0	0	0	-17,5623
98	98	116	STER	0	0	0	0	-41,2866
98	98	106	STER	0	0	0	0	-48,098
98	98	105	STER	0	0	0	0	-26,7394
98	98	115	SSOVR	0	0	0	0	-6,7428
98	98	116	SSOVR	0	0	0	0	-11,9946
98	98	106	SSOVR	0	0	0	0	-14,021
98	98	105	SSOVR	0	0	0	0	-9,1428
98	98	115	INERZIA	0	0	0	0	-4,2008
98	98	116	INERZIA	0	0	0	0	-7,4726
98	98	106	INERZIA	0	0	0	0	-8,7351
98	98	105	INERZIA	0	0	0	0	-5,696
98	98	115	INCRSIS	0	0	0	0	-39,594
98	98	116	INCRSIS	0	0	0	0	-70,4321
98	98	106	INCRSIS	0	0	0	0	-82,3316
98	98	105	INCRSIS	0	0	0	0	-53,6865
99	99	116	PP	2,19	-79,46	-14,727	80,58	0
99	99	117	PP	3,55	-65,9	-14,155	67,74	0
99	99	107	PP	-0,89	-66,04	-13,461	65,6	0
99	99	106	PP	-2,27	-79,58	-14,175	78,47	0
99	99	116	STER	0	0	0	0	-41,9855
99	99	117	STER	0	0	0	0	-62,3143
99	99	107	STER	0	0	0	0	-63,1013
99	99	106	STER	0	0	0	0	-47,9681
99	99	116	SSOVR	0	0	0	0	-12,1482
99	99	117	SSOVR	0	0	0	0	-16,0417
99	99	107	SSOVR	0	0	0	0	-16,8727
99	99	106	SSOVR	0	0	0	0	-13,9911
99	99	116	INERZIA	0	0	0	0	-7,5683
99	99	117	INERZIA	0	0	0	0	-9,994
99	99	107	INERZIA	0	0	0	0	-10,5117
99	99	106	INERZIA	0	0	0	0	-8,7164
99	99	116	INCRSIS	0	0	0	0	-71,3343
99	99	117	INCRSIS	0	0	0	0	-94,1971
99	99	107	INCRSIS	0	0	0	0	-99,0763
99	99	106	INCRSIS	0	0	0	0	-82,1555
100	100	117	PP	-3,98	-65,39	-11,581	63,49	0
100	100	118	PP	-2,74	-52,29	-9,402	50,97	0
100	100	108	PP	-6,45	-52,64	-8,444	49,73	0
100	100	107	PP	-7,74	-65,68	-10,947	62,17	0
100	100	117	STER	0	0	0	0	-62,1574
100	100	118	STER	0	0	0	0	-72,806
100	100	108	STER	0	0	0	0	-69,9141
100	100	107	STER	0	0	0	0	-63,1514
100	100	117	SSOVR	0	0	0	0	-16,0092
100	100	118	SSOVR	0	0	0	0	-17,3774
100	100	108	SSOVR	0	0	0	0	-17,5443
100	100	107	SSOVR	0	0	0	0	-16,8797
100	100	117	INERZIA	0	0	0	0	-9,9737
100	100	118	INERZIA	0	0	0	0	-10,8261
100	100	108	INERZIA	0	0	0	0	-10,9301
100	100	107	INERZIA	0	0	0	0	-10,516
100	100	117	INCRSIS	0	0	0	0	-94,0062
100	100	118	INCRSIS	0	0	0	0	-102,0401
100	100	108	INCRSIS	0	0	0	0	-103,0199
100	100	107	INCRSIS	0	0	0	0	-99,1175
101	101	118	PP	-9,53	-52,47	-5,157	48,42	0
101	101	119	PP	-7,87	-42,19	-1,071	38,86	0
101	101	109	PP	-10,1	-42,85	4,349	38,8	0
101	101	108	PP	-12,17	-52,71	-2,845	47,8	0
101	101	118	STER	0	0	0	0	-72,9003
101	101	119	STER	0	0	0	0	-72,4635
101	101	109	STER	0	0	0	0	-67,067
101	101	108	STER	0	0	0	0	-69,9518

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
101	101	118	SSOVR	0	0	0	0	-17,3959
101	101	119	SSOVR	0	0	0	0	-16,3969
101	101	109	SSOVR	0	0	0	0	-16,0938
101	101	108	SSOVR	0	0	0	0	-17,5502
101	101	118	INERZIA	0	0	0	0	-10,8377
101	101	119	INERZIA	0	0	0	0	-10,2153
101	101	109	INERZIA	0	0	0	0	-10,0264
101	101	108	INERZIA	0	0	0	0	-10,9338
101	101	118	INCRSIS	0	0	0	0	-102,149
101	101	119	INCRSIS	0	0	0	0	-96,2828
101	101	109	INCRSIS	0	0	0	0	-94,5025
101	101	108	INCRSIS	0	0	0	0	-103,0549
102	102	119	PP	-12,2	-44	9,115	39,35	0
102	102	120	PP	-6,76	-37,55	21,832	34,67	0
102	102	110	PP	-7,54	-39,19	24,634	36,02	0
102	102	109	PP	-13,68	-44,95	11,957	39,91	0
102	102	119	STER	0	0	0	0	-72,4766
102	102	120	STER	0	0	0	0	-60,7819
102	102	110	STER	0	0	0	0	-54,17
102	102	109	STER	0	0	0	0	-67,0924
102	102	119	SSOVR	0	0	0	0	-16,3989
102	102	120	SSOVR	0	0	0	0	-13,0113
102	102	110	SSOVR	0	0	0	0	-12,4364
102	102	109	SSOVR	0	0	0	0	-16,0985
102	102	119	INERZIA	0	0	0	0	-10,2165
102	102	120	INERZIA	0	0	0	0	-8,1061
102	102	110	INERZIA	0	0	0	0	-7,7479
102	102	109	INERZIA	0	0	0	0	-10,0294
102	102	119	INCRSIS	0	0	0	0	-96,2942
102	102	120	INCRSIS	0	0	0	0	-76,4025
102	102	110	INCRSIS	0	0	0	0	-73,0266
102	102	109	INCRSIS	0	0	0	0	-94,5304
103	103	120	PP	-7,41	-44,12	30,799	40,92	0
103	103	121	PP	3,45	-40,79	39,79	42,62	0
103	103	111	PP	4,46	-43,26	40,764	45,65	0
103	103	110	PP	-6,71	-46,28	32,688	43,31	0
103	103	120	STER	0	0	0	0	-60,8215
103	103	121	STER	0	0	0	0	-24,9845
103	103	111	STER	0	0	0	0	-18,9147
103	103	110	STER	0	0	0	0	-54,2078
103	103	120	SSOVR	0	0	0	0	-13,0184
103	103	121	SSOVR	0	0	0	0	-4,391
103	103	111	SSOVR	0	0	0	0	-3,629
103	103	110	SSOVR	0	0	0	0	-12,4438
103	103	120	INERZIA	0	0	0	0	-8,1105
103	103	121	INERZIA	0	0	0	0	-2,7356
103	103	111	INERZIA	0	0	0	0	-2,2609
103	103	110	INERZIA	0	0	0	0	-7,7525
103	103	120	INCRSIS	0	0	0	0	-76,444
103	103	121	INCRSIS	0	0	0	0	-25,7838
103	103	111	INCRSIS	0	0	0	0	-21,3095
103	103	110	INCRSIS	0	0	0	0	-73,0699
104	104	121	PP	5,79	-50,74	43,512	53,87	0
104	104	122	PP	22,63	-54,58	47,128	68,74	0
104	104	112	PP	23,65	-56,38	47,241	71,22	0
104	104	111	PP	6,79	-52,52	43,835	56,22	0
104	104	121	STER	0	0	0	0	-25,0989
104	104	122	STER	0	0	0	0	40,4687
104	104	112	STER	0	0	0	0	43,3066
104	104	111	STER	0	0	0	0	-19,0292
104	104	121	SSOVR	0	0	0	0	-4,4169
104	104	122	SSOVR	0	0	0	0	10,2807
104	104	112	SSOVR	0	0	0	0	11,3059
104	104	111	SSOVR	0	0	0	0	-3,6615
104	104	121	INERZIA	0	0	0	0	-2,7517
104	104	122	INERZIA	0	0	0	0	6,4049
104	104	112	INERZIA	0	0	0	0	7,0436
104	104	111	INERZIA	0	0	0	0	-2,2811

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
104	104	121	INCRSIS	0	0	0	0	-25,936
104	104	122	INCRSIS	0	0	0	0	60,3683
104	104	112	INCRSIS	0	0	0	0	66,3883
104	104	111	INCRSIS	0	0	0	0	-21,5003
105	105	122	PP	38,63	-78,33	47,673	103,22	0
105	105	123	PP	22,05	-50,07	52,508	64,01	0
105	105	113	PP	24,58	-52,03	51,911	67,75	0
105	105	112	PP	41,26	-80,39	47,48	107,15	0
105	105	122	STER	0	0	0	0	40,2428
105	105	123	STER	0	0	0	0	158,0083
105	105	113	STER	0	0	0	0	153,7417
105	105	112	STER	0	0	0	0	43,084
105	105	122	SSOVR	0	0	0	0	10,2337
105	105	123	SSOVR	0	0	0	0	35,7226
105	105	113	SSOVR	0	0	0	0	37,6687
105	105	112	SSOVR	0	0	0	0	11,2455
105	105	122	INERZIA	0	0	0	0	6,3756
105	105	123	INERZIA	0	0	0	0	22,2552
105	105	113	INERZIA	0	0	0	0	23,4676
105	105	112	INERZIA	0	0	0	0	7,006
105	105	122	INCRSIS	0	0	0	0	60,0923
105	105	123	INCRSIS	0	0	0	0	209,763
105	105	113	INCRSIS	0	0	0	0	221,1905
105	105	112	INCRSIS	0	0	0	0	66,0337
106	106	124	PP	13,78	-105,42	-15,477	112,94	0
106	106	115	PP	12,82	-105,76	-15,63	112,72	0
106	106	114	PP	12,97	-106,24	-15,779	113,29	0
106	106	124	STER	0	0	0	0	7,7479
106	106	115	STER	0	0	0	0	-19,6224
106	106	114	STER	0	0	0	0	18,8062
106	106	124	SSOVR	0	0	0	0	-0,8427
106	106	115	SSOVR	0	0	0	0	-7,374
106	106	114	SSOVR	0	0	0	0	2,4873
106	106	124	INERZIA	0	0	0	0	-0,525
106	106	115	INERZIA	0	0	0	0	-4,594
106	106	114	INERZIA	0	0	0	0	1,5496
106	106	124	INCRSIS	0	0	0	0	-4,9482
106	106	115	INCRSIS	0	0	0	0	-43,3
106	106	114	INCRSIS	0	0	0	0	14,6057
107	107	124	PP	12,23	-105,45	-15,285	112,06	0
107	107	125	PP	15,07	-88,4	-15,834	96,81	0
107	107	116	PP	8,25	-88,59	-15,284	92,99	0
107	107	115	PP	5,43	-105,66	-14,772	108,48	0
107	107	124	STER	0	0	0	0	12,7649
107	107	125	STER	0	0	0	0	-32,811
107	107	116	STER	0	0	0	0	-41,1576
107	107	115	STER	0	0	0	0	-17,8094
107	107	124	SSOVR	0	0	0	0	0,1099
107	107	125	SSOVR	0	0	0	0	-9,8718
107	107	116	SSOVR	0	0	0	0	-11,962
107	107	115	SSOVR	0	0	0	0	-6,8356
107	107	124	INERZIA	0	0	0	0	0,0685
107	107	125	INERZIA	0	0	0	0	-6,1502
107	107	116	INERZIA	0	0	0	0	-7,4523
107	107	115	INERZIA	0	0	0	0	-4,2586
107	107	124	INCRSIS	0	0	0	0	0,6454
107	107	125	INCRSIS	0	0	0	0	-57,9675
107	107	116	INCRSIS	0	0	0	0	-70,2406
107	107	115	INCRSIS	0	0	0	0	-40,1385
108	108	125	PP	6,53	-88,07	-14,596	91,51	0
108	108	126	PP	8,04	-73,73	-14,14	78,06	0
108	108	117	PP	2,26	-74,42	-14,009	75,57	0
108	108	116	PP	0,74	-88,76	-14,509	89,13	0
108	108	125	STER	0	0	0	0	-30,8482
108	108	126	STER	0	0	0	0	-54,3237
108	108	117	STER	0	0	0	0	-62,3352
108	108	116	STER	0	0	0	0	-41,8565
108	108	125	SSOVR	0	0	0	0	-9,4549

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
108	108	126	SSOVR	0	0	0	0	-13,734
108	108	117	SSOVR	0	0	0	0	-16,0472
108	108	116	SSOVR	0	0	0	0	-12,1156
108	108	125	INERZIA	0	0	0	0	-5,8904
108	108	126	INERZIA	0	0	0	0	-8,5563
108	108	117	INERZIA	0	0	0	0	-9,9974
108	108	116	INERZIA	0	0	0	0	-7,548
108	108	125	INCRSIS	0	0	0	0	-55,5192
108	108	126	INCRSIS	0	0	0	0	-80,6463
108	108	117	INCRSIS	0	0	0	0	-94,2293
108	108	116	INCRSIS	0	0	0	0	-71,1428
109	109	126	PP	-0,49	-73,8	-12,653	73,55	0
109	109	127	PP	1,13	-59,13	-11,557	59,7	0
109	109	118	PP	-3,6	-59,3	-10,277	57,58	0
109	109	117	PP	-5,27	-73,91	-11,689	71,42	0
109	109	126	STER	0	0	0	0	-54,934
109	109	127	STER	0	0	0	0	-71,8017
109	109	118	STER	0	0	0	0	-72,784
109	109	117	STER	0	0	0	0	-62,1784
109	109	126	SSOVR	0	0	0	0	-13,834
109	109	127	SSOVR	0	0	0	0	-16,3252
109	109	118	SSOVR	0	0	0	0	-17,3739
109	109	117	SSOVR	0	0	0	0	-16,0147
109	109	126	INERZIA	0	0	0	0	-8,6186
109	109	127	INERZIA	0	0	0	0	-10,1706
109	109	118	INERZIA	0	0	0	0	-10,8239
109	109	117	INERZIA	0	0	0	0	-9,9772
109	109	126	INCRSIS	0	0	0	0	-81,2335
109	109	127	INCRSIS	0	0	0	0	-95,8616
109	109	118	INCRSIS	0	0	0	0	-102,0193
109	109	117	INCRSIS	0	0	0	0	-94,0384
110	110	127	PP	-6,43	-58,93	-7,916	56	0
110	110	128	PP	-5,03	-46,83	-3,41	44,53	0
110	110	119	PP	-8,91	-47,46	-1,425	43,69	0
110	110	118	PP	-10,53	-59,35	-6,676	54,85	0
110	110	127	STER	0	0	0	0	-71,7405
110	110	128	STER	0	0	0	0	-75,0552
110	110	119	STER	0	0	0	0	-72,4558
110	110	118	STER	0	0	0	0	-72,8782
110	110	127	SSOVR	0	0	0	0	-16,3142
110	110	128	SSOVR	0	0	0	0	-15,9536
110	110	119	SSOVR	0	0	0	0	-16,396
110	110	118	SSOVR	0	0	0	0	-17,3924
110	110	127	INERZIA	0	0	0	0	-10,1637
110	110	128	INERZIA	0	0	0	0	-9,9391
110	110	119	INERZIA	0	0	0	0	-10,2147
110	110	118	INERZIA	0	0	0	0	-10,8355
110	110	127	INCRSIS	0	0	0	0	-95,7967
110	110	128	INCRSIS	0	0	0	0	-93,6795
110	110	119	INCRSIS	0	0	0	0	-96,2771
110	110	118	INCRSIS	0	0	0	0	-102,1281
111	111	128	PP	-11,24	-47,94	1,895	43,43	0
111	111	129	PP	-7,65	-38,68	12,663	35,48	0
111	111	120	PP	-9,19	-40,46	17,131	36,73	0
111	111	119	PP	-13,72	-48,78	5,55	43,58	0
111	111	128	STER	0	0	0	0	-75,1346
111	111	129	STER	0	0	0	0	-66,3424
111	111	120	STER	0	0	0	0	-60,775
111	111	119	STER	0	0	0	0	-72,4688
111	111	128	SSOVR	0	0	0	0	-15,9676
111	111	129	SSOVR	0	0	0	0	-13,1829
111	111	120	SSOVR	0	0	0	0	-13,0104
111	111	119	SSOVR	0	0	0	0	-16,3979
111	111	128	INERZIA	0	0	0	0	-9,9478
111	111	129	INERZIA	0	0	0	0	-8,2129
111	111	120	INERZIA	0	0	0	0	-8,1055
111	111	119	INERZIA	0	0	0	0	-10,2159
111	111	128	INCRSIS	0	0	0	0	-93,762

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
111	111	129	INCRSIS	0	0	0	0	-77,41
111	111	120	INCRSIS	0	0	0	0	-76,3972
111	111	119	INCRSIS	0	0	0	0	-96,2886
112	112	129	PP	-10,03	-44,2	24,092	40,14	0
112	112	130	PP	0,29	-38,5	35,913	38,65	0
112	112	121	PP	0,24	-41,09	37,758	41,21	0
112	112	120	PP	-10,68	-46,19	26,855	41,89	0
112	112	129	STER	0	0	0	0	-66,3506
112	112	130	STER	0	0	0	0	-32,3321
112	112	121	STER	0	0	0	0	-24,9814
112	112	120	STER	0	0	0	0	-60,8146
112	112	129	SSOVR	0	0	0	0	-13,1832
112	112	130	SSOVR	0	0	0	0	-5,2994
112	112	121	SSOVR	0	0	0	0	-4,3905
112	112	120	SSOVR	0	0	0	0	-13,0175
112	112	129	INERZIA	0	0	0	0	-8,2132
112	112	130	INERZIA	0	0	0	0	-3,3015
112	112	121	INERZIA	0	0	0	0	-2,7353
112	112	120	INERZIA	0	0	0	0	-8,1099
112	112	129	INCRSIS	0	0	0	0	-77,412
112	112	130	INCRSIS	0	0	0	0	-31,1178
112	112	121	INCRSIS	0	0	0	0	-25,7811
112	112	120	INCRSIS	0	0	0	0	-76,4387
113	113	130	PP	0,97	-48,1	41,401	48,6	0
113	113	131	PP	18,64	-51,32	46,428	62,75	0
113	113	122	PP	20,14	-54,14	46,683	66,53	0
113	113	121	PP	2,39	-50,84	42,158	52,07	0
113	113	130	STER	0	0	0	0	-32,4565
113	113	131	STER	0	0	0	0	33,6403
113	113	122	STER	0	0	0	0	40,4612
113	113	121	STER	0	0	0	0	-25,0959
113	113	130	SSOVR	0	0	0	0	-5,3211
113	113	131	SSOVR	0	0	0	0	8,3617
113	113	122	SSOVR	0	0	0	0	10,2811
113	113	121	SSOVR	0	0	0	0	-4,4164
113	113	130	INERZIA	0	0	0	0	-3,3151
113	113	131	INERZIA	0	0	0	0	5,2094
113	113	122	INERZIA	0	0	0	0	6,4051
113	113	121	INERZIA	0	0	0	0	-2,7514
113	113	130	INCRSIS	0	0	0	0	-31,2456
113	113	131	INCRSIS	0	0	0	0	49,1
113	113	122	INCRSIS	0	0	0	0	60,3705
113	113	121	INCRSIS	0	0	0	0	-25,9334
114	114	131	PP	34,11	-75,44	47,422	97,09	0
114	114	132	PP	20,07	-47,68	52,88	60,28	0
114	114	123	PP	22,05	-50,07	52,508	64,01	0
114	114	122	PP	36,13	-77,88	47,398	100,91	0
114	114	131	STER	0	0	0	0	33,4175
114	114	132	STER	0	0	0	0	154,9192
114	114	123	STER	0	0	0	0	158,0083
114	114	122	STER	0	0	0	0	40,2354
114	114	131	SSOVR	0	0	0	0	8,329
114	114	132	SSOVR	0	0	0	0	31,8391
114	114	123	SSOVR	0	0	0	0	35,7226
114	114	122	SSOVR	0	0	0	0	10,2341
114	114	131	INERZIA	0	0	0	0	5,189
114	114	132	INERZIA	0	0	0	0	19,8357
114	114	123	INERZIA	0	0	0	0	22,2552
114	114	122	INERZIA	0	0	0	0	6,3758
114	114	131	INCRSIS	0	0	0	0	48,9081
114	114	132	INCRSIS	0	0	0	0	186,959
114	114	123	INCRSIS	0	0	0	0	209,763
114	114	122	INCRSIS	0	0	0	0	60,0945
115	115	133	PP	13,86	-101,48	-15,327	109,07	0
115	115	125	PP	12,42	-101,88	-15,494	108,63	0
115	115	124	PP	12,73	-102,26	-15,75	109,18	0
115	115	133	STER	0	0	0	0	-4,0792
115	115	125	STER	0	0	0	0	-33,2068

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
115	115	124	STER	0	0	0	0	11,3623
115	115	133	SSOVR	0	0	0	0	-4,082
115	115	125	SSOVR	0	0	0	0	-9,9789
115	115	124	SSOVR	0	0	0	0	-0,0452
115	115	133	INERZIA	0	0	0	0	-2,5431
115	115	125	INERZIA	0	0	0	0	-6,2169
115	115	124	INERZIA	0	0	0	0	-0,0282
115	115	133	INCRSIS	0	0	0	0	-23,9694
115	115	125	INCRSIS	0	0	0	0	-58,5961
115	115	124	INCRSIS	0	0	0	0	-0,2656
116	116	133	PP	11,27	-101,31	-14,927	107,39	0
116	116	134	PP	14,1	-82,53	-15,265	90,41	0
116	116	126	PP	7,01	-82,49	-14,331	86,21	0
116	116	125	PP	4,2	-101,28	-14,112	103,45	0
116	116	133	STER	0	0	0	0	2,3251
116	116	134	STER	0	0	0	0	-44,7784
116	116	126	STER	0	0	0	0	-54,1654
116	116	125	STER	0	0	0	0	-31,244
116	116	133	SSOVR	0	0	0	0	-2,4969
116	116	134	SSOVR	0	0	0	0	-11,4112
116	116	126	SSOVR	0	0	0	0	-13,6996
116	116	125	SSOVR	0	0	0	0	-9,5619
116	116	133	INERZIA	0	0	0	0	-1,5556
116	116	134	INERZIA	0	0	0	0	-7,1092
116	116	126	INERZIA	0	0	0	0	-8,5349
116	116	125	INERZIA	0	0	0	0	-5,9571
116	116	133	INCRSIS	0	0	0	0	-14,6619
116	116	134	INCRSIS	0	0	0	0	-67,0064
116	116	126	INCRSIS	0	0	0	0	-80,4442
116	116	125	INCRSIS	0	0	0	0	-56,1478
117	117	134	PP	4,41	-81,98	-13,382	84,27	0
117	117	135	PP	6,1	-66,52	-12,607	69,77	0
117	117	127	PP	0,18	-67,09	-12,093	67,18	0
117	117	126	PP	-1,53	-82,54	-13,006	81,78	0
117	117	134	STER	0	0	0	0	-43,3297
117	117	135	STER	0	0	0	0	-63,2271
117	117	127	STER	0	0	0	0	-71,8417
117	117	126	STER	0	0	0	0	-54,7757
117	117	134	SSOVR	0	0	0	0	-11,2536
117	117	135	SSOVR	0	0	0	0	-13,9733
117	117	127	SSOVR	0	0	0	0	-16,3344
117	117	126	SSOVR	0	0	0	0	-13,7996
117	117	134	INERZIA	0	0	0	0	-7,011
117	117	135	INERZIA	0	0	0	0	-8,7054
117	117	127	INERZIA	0	0	0	0	-10,1763
117	117	126	INERZIA	0	0	0	0	-8,5972
117	117	134	INCRSIS	0	0	0	0	-66,0814
117	117	135	INCRSIS	0	0	0	0	-82,0511
117	117	127	INCRSIS	0	0	0	0	-95,9157
117	117	126	INCRSIS	0	0	0	0	-81,0314
118	118	135	PP	-2,65	-66,77	-10,71	65,49	0
118	118	136	PP	-1,28	-53,07	-8,293	52,44	0
118	118	128	PP	-5,91	-53,29	-5,842	50,6	0
118	118	127	PP	-7,48	-66,8	-8,946	63,4	0
118	118	135	STER	0	0	0	0	-63,6808
118	118	136	STER	0	0	0	0	-73,353
118	118	128	STER	0	0	0	0	-75,0375
118	118	127	STER	0	0	0	0	-71,7804
118	118	135	SSOVR	0	0	0	0	-14,0263
118	118	136	SSOVR	0	0	0	0	-14,8022
118	118	128	SSOVR	0	0	0	0	-15,9513
118	118	127	SSOVR	0	0	0	0	-16,3234
118	118	135	INERZIA	0	0	0	0	-8,7384
118	118	136	INERZIA	0	0	0	0	-9,2218
118	118	128	INERZIA	0	0	0	0	-9,9377
118	118	127	INERZIA	0	0	0	0	-10,1695
118	118	135	INCRSIS	0	0	0	0	-82,3622
118	118	136	INCRSIS	0	0	0	0	-86,9185

Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
118	118	128	INCRSIS	0	0	0	0	-93,6663
118	118	127	INCRSIS	0	0	0	0	-95,8508
119	119	136	PP	-8,45	-53,45	-3,805	49,77	0
119	119	137	PP	-6,01	-41,31	4,407	38,66	0
119	119	129	PP	-9,43	-42,52	8,037	38,68	0
119	119	128	PP	-12,48	-54,05	-1,521	49,02	0
119	119	136	STER	0	0	0	0	-73,2167
119	119	137	STER	0	0	0	0	-68,5757
119	119	129	STER	0	0	0	0	-66,337
119	119	128	STER	0	0	0	0	-75,1169
119	119	136	SSOVR	0	0	0	0	-14,7826
119	119	137	SSOVR	0	0	0	0	-12,7722
119	119	129	SSOVR	0	0	0	0	-13,1826
119	119	128	SSOVR	0	0	0	0	-15,9654
119	119	136	INERZIA	0	0	0	0	-9,2096
119	119	137	INERZIA	0	0	0	0	-7,9571
119	119	129	INERZIA	0	0	0	0	-8,2128
119	119	128	INERZIA	0	0	0	0	-9,9464
119	119	136	INCRSIS	0	0	0	0	-86,8034
119	119	137	INCRSIS	0	0	0	0	-74,9983
119	119	129	INCRSIS	0	0	0	0	-77,4084
119	119	128	INCRSIS	0	0	0	0	-93,7488
120	120	137	PP	-11,82	-44,73	14,595	40,15	0
120	120	138	PP	-3,49	-35,52	28,923	33,9	0
120	120	130	PP	-3,34	-38,98	32,7	37,42	0
120	120	129	PP	-12,9	-46,95	19,415	42,02	0
120	120	137	STER	0	0	0	0	-68,6383
120	120	138	STER	0	0	0	0	-39,274
120	120	130	STER	0	0	0	0	-32,3264
120	120	129	STER	0	0	0	0	-66,3452
120	120	137	SSOVR	0	0	0	0	-12,7806
120	120	138	SSOVR	0	0	0	0	-6,122
120	120	130	SSOVR	0	0	0	0	-5,2986
120	120	129	SSOVR	0	0	0	0	-13,183
120	120	137	INERZIA	0	0	0	0	-7,9623
120	120	138	INERZIA	0	0	0	0	-3,814
120	120	130	INERZIA	0	0	0	0	-3,301
120	120	129	INERZIA	0	0	0	0	-8,213
120	120	137	INCRSIS	0	0	0	0	-75,0474
120	120	138	INCRSIS	0	0	0	0	-35,9481
120	120	130	INCRSIS	0	0	0	0	-31,1133
120	120	129	INCRSIS	0	0	0	0	-77,4104
121	121	138	PP	-3,44	-45,38	37,748	43,75	0
121	121	139	PP	14,78	-47,02	45,255	55,9	0
121	121	131	PP	15,41	-50,07	45,947	59,3	0
121	121	130	PP	-3,06	-48,18	39,321	46,73	0
121	121	138	STER	0	0	0	0	-39,3771
121	121	139	STER	0	0	0	0	23,7176
121	121	131	STER	0	0	0	0	33,6474
121	121	130	STER	0	0	0	0	-32,4508
121	121	138	SSOVR	0	0	0	0	-6,1337
121	121	139	SSOVR	0	0	0	0	5,9672
121	121	131	SSOVR	0	0	0	0	8,365
121	121	130	SSOVR	0	0	0	0	-5,3203
121	121	138	INERZIA	0	0	0	0	-3,8213
121	121	139	INERZIA	0	0	0	0	3,7176
121	121	131	INERZIA	0	0	0	0	5,2114
121	121	130	INERZIA	0	0	0	0	-3,3146
121	121	138	INCRSIS	0	0	0	0	-36,0171
121	121	139	INCRSIS	0	0	0	0	35,0396
121	121	131	INCRSIS	0	0	0	0	49,119
121	121	130	INCRSIS	0	0	0	0	-31,2411
122	122	139	PP	28,12	-70,3	47,089	87,81	0
122	122	140	PP	17,38	-43,85	53,374	54,66	0
122	122	132	PP	20,07	-47,68	52,88	60,28	0
122	122	131	PP	30,86	-74,17	47,165	93,5	0
122	122	139	STER	0	0	0	0	23,499
122	122	140	STER	0	0	0	0	143,6748



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
122	122	132	STER	0	0	0	0	154,9192
122	122	131	STER	0	0	0	0	33,4246
122	122	139	SSOVR	0	0	0	0	5,9459
122	122	140	SSOVR	0	0	0	0	26,7953
122	122	132	SSOVR	0	0	0	0	31,8391
122	122	131	SSOVR	0	0	0	0	8,3323
122	122	139	INERZIA	0	0	0	0	3,7043
122	122	140	INERZIA	0	0	0	0	16,6934
122	122	132	INERZIA	0	0	0	0	19,8357
122	122	131	INERZIA	0	0	0	0	5,191
122	122	139	INCRSIS	0	0	0	0	34,9144
122	122	140	INCRSIS	0	0	0	0	157,3417
122	122	132	INCRSIS	0	0	0	0	186,959
122	122	131	INCRSIS	0	0	0	0	48,9272
123	123	141	PP	13,84	-94,85	-15,092	102,47	0
123	123	134	PP	11,73	-95,37	-15,29	101,74	0
123	123	133	PP	12,23	-95,63	-15,711	102,29	0
123	123	141	STER	0	0	0	0	-16,1777
123	123	134	STER	0	0	0	0	-45,1869
123	123	133	STER	0	0	0	0	0,9139
123	123	141	SSOVR	0	0	0	0	-6,5232
123	123	134	SSOVR	0	0	0	0	-11,4887
123	123	133	SSOVR	0	0	0	0	-2,7139
123	123	141	INERZIA	0	0	0	0	-4,0639
123	123	134	INERZIA	0	0	0	0	-7,1574
123	123	133	INERZIA	0	0	0	0	-1,6908
123	123	141	INCRSIS	0	0	0	0	-38,304
123	123	134	INCRSIS	0	0	0	0	-67,4615
123	123	133	INCRSIS	0	0	0	0	-15,9362
124	124	141	PP	9,78	-94,5	-14,406	99,75	0
124	124	142	PP	12,85	-74,33	-14,752	81,52	0
124	124	135	PP	5,51	-74,09	-13,326	76,99	0
124	124	134	PP	2,45	-94,28	-13,205	95,53	0
124	124	141	STER	0	0	0	0	-6,5926
124	124	142	STER	0	0	0	0	-53,4408
124	124	135	STER	0	0	0	0	-63,057
124	124	134	STER	0	0	0	0	-43,7382
124	124	141	SSOVR	0	0	0	0	-4,0397
124	124	142	SSOVR	0	0	0	0	-11,6776
124	124	135	SSOVR	0	0	0	0	-13,9438
124	124	134	SSOVR	0	0	0	0	-11,3312
124	124	141	INERZIA	0	0	0	0	-2,5167
124	124	142	INERZIA	0	0	0	0	-7,2751
124	124	135	INERZIA	0	0	0	0	-8,687
124	124	134	INERZIA	0	0	0	0	-7,0593
124	124	141	INCRSIS	0	0	0	0	-23,721
124	124	142	INCRSIS	0	0	0	0	-68,5707
124	124	135	INCRSIS	0	0	0	0	-81,8782
124	124	134	INCRSIS	0	0	0	0	-66,5366
125	125	142	PP	2,89	-73,7	-12,278	75,18	0
125	125	143	PP	4,12	-59,38	-10,479	61,55	0
125	125	136	PP	-2,03	-60,03	-9,599	59,04	0
125	125	135	PP	-3,31	-74,28	-11,7	72,68	0
125	125	142	STER	0	0	0	0	-53,1631
125	125	143	STER	0	0	0	0	-63,4905
125	125	136	STER	0	0	0	0	-73,3857
125	125	135	STER	0	0	0	0	-63,5106
125	125	142	SSOVR	0	0	0	0	-11,8063
125	125	143	SSOVR	0	0	0	0	-12,4372
125	125	136	SSOVR	0	0	0	0	-14,8092
125	125	135	SSOVR	0	0	0	0	-13,9968
125	125	142	INERZIA	0	0	0	0	-7,3553
125	125	143	INERZIA	0	0	0	0	-7,7484
125	125	136	INERZIA	0	0	0	0	-9,2262
125	125	135	INERZIA	0	0	0	0	-8,72
125	125	142	INCRSIS	0	0	0	0	-69,3264
125	125	143	INCRSIS	0	0	0	0	-73,0315
125	125	136	INCRSIS	0	0	0	0	-86,9599



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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
125	125	135	INCRSIS	0	0	0	0	-82,1893
126	126	143	PP	-4,49	-60,07	-8,58	57,96	0
126	126	144	PP	-2,85	-45,62	-3,916	44,27	0
126	126	137	PP	-7,25	-46,26	0,238	43,1	0
126	126	136	PP	-9,41	-60,2	-5,819	56,09	0
126	126	143	STER	0	0	0	0	-63,9016
126	126	144	STER	0	0	0	0	-66,9116
126	126	137	STER	0	0	0	0	-68,5603
126	126	136	STER	0	0	0	0	-73,2494
126	126	143	SSOVR	0	0	0	0	-12,467
126	126	144	SSOVR	0	0	0	0	-11,8199
126	126	137	SSOVR	0	0	0	0	-12,77
126	126	136	SSOVR	0	0	0	0	-14,7896
126	126	143	INERZIA	0	0	0	0	-7,7669
126	126	144	INERZIA	0	0	0	0	-7,3638
126	126	137	INERZIA	0	0	0	0	-7,9557
126	126	136	INERZIA	0	0	0	0	-9,2139
126	126	143	INCRSIS	0	0	0	0	-73,206
126	126	144	INCRSIS	0	0	0	0	-69,4066
126	126	137	INCRSIS	0	0	0	0	-74,9854
126	126	136	INCRSIS	0	0	0	0	-86,8448
127	127	144	PP	-10,83	-47,35	5,297	42,97	0
127	127	145	PP	-4,6	-33,74	19,47	31,69	0
127	127	138	PP	-6,49	-36,4	24,492	33,63	0
127	127	137	PP	-14,05	-48,69	9,228	43,41	0
127	127	144	STER	0	0	0	0	-66,7838
127	127	145	STER	0	0	0	0	-44,5826
127	127	138	STER	0	0	0	0	-39,2677
127	127	137	STER	0	0	0	0	-68,6229
127	127	144	SSOVR	0	0	0	0	-11,8044
127	127	145	SSOVR	0	0	0	0	-6,6633
127	127	138	SSOVR	0	0	0	0	-6,1213
127	127	137	SSOVR	0	0	0	0	-12,7783
127	127	144	INERZIA	0	0	0	0	-7,3541
127	127	145	INERZIA	0	0	0	0	-4,1513
127	127	138	INERZIA	0	0	0	0	-3,8136
127	127	137	INERZIA	0	0	0	0	-7,9609
127	127	144	INCRSIS	0	0	0	0	-69,3153
127	127	145	INCRSIS	0	0	0	0	-39,1271
127	127	138	INCRSIS	0	0	0	0	-35,9443
127	127	137	INCRSIS	0	0	0	0	-75,0344
128	128	145	PP	-7,86	-41,7	31,673	38,38	0
128	128	146	PP	9,85	-41,16	43,304	46,87	0
128	128	139	PP	11,14	-45,59	44,533	52,06	0
128	128	138	PP	-7,17	-45,53	35,023	42,4	0
128	128	145	STER	0	0	0	0	-44,7432
128	128	146	STER	0	0	0	0	11,764
128	128	139	STER	0	0	0	0	23,7292
128	128	138	STER	0	0	0	0	-39,3708
128	128	145	SSOVR	0	0	0	0	-6,6845
128	128	146	SSOVR	0	0	0	0	3,4222
128	128	139	SSOVR	0	0	0	0	5,9706
128	128	138	SSOVR	0	0	0	0	-6,133
128	128	145	INERZIA	0	0	0	0	-4,1644
128	128	146	INERZIA	0	0	0	0	2,132
128	128	139	INERZIA	0	0	0	0	3,7197
128	128	138	INERZIA	0	0	0	0	-3,8209
128	128	145	INCRSIS	0	0	0	0	-39,2513
128	128	146	INCRSIS	0	0	0	0	20,0949
128	128	139	INCRSIS	0	0	0	0	35,0595
128	128	138	INCRSIS	0	0	0	0	-36,0133
129	129	146	PP	22,45	-64,81	46,426	78,48	0
129	129	147	PP	15,37	-39,8	53,587	49,31	0
129	129	140	PP	17,38	-43,85	53,374	54,66	0
129	129	139	PP	24,43	-68,82	46,752	83,75	0
129	129	146	STER	0	0	0	0	11,589
129	129	147	STER	0	0	0	0	125,3437
129	129	140	STER	0	0	0	0	143,6748

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
129	129	139	STER	0	0	0	0	23,5106
129	129	146	SSOVR	0	0	0	0	3,4167
129	129	147	SSOVR	0	0	0	0	21,1697
129	129	140	SSOVR	0	0	0	0	26,7953
129	129	139	SSOVR	0	0	0	0	5,9493
129	129	146	INERZIA	0	0	0	0	2,1286
129	129	147	INERZIA	0	0	0	0	13,1887
129	129	140	INERZIA	0	0	0	0	16,6934
129	129	139	INERZIA	0	0	0	0	3,7064
129	129	146	INCRSIS	0	0	0	0	20,0629
129	129	147	INCRSIS	0	0	0	0	124,3087
129	129	140	INCRSIS	0	0	0	0	157,3417
129	129	139	INCRSIS	0	0	0	0	34,9343
130	130	148	PP	13,01	-85,92	-14,92	93,1	0
130	130	142	PP	10,93	-86,44	-15,143	92,39	0
130	130	141	PP	11,41	-86,74	-15,598	92,97	0
130	130	148	STER	0	0	0	0	-27,7216
130	130	142	STER	0	0	0	0	-53,7199
130	130	141	STER	0	0	0	0	-8,3233
130	130	148	SSOVR	0	0	0	0	-7,8941
130	130	142	SSOVR	0	0	0	0	-11,7
130	130	141	SSOVR	0	0	0	0	-4,3941
130	130	148	INERZIA	0	0	0	0	-4,918
130	130	142	INERZIA	0	0	0	0	-7,2891
130	130	141	INERZIA	0	0	0	0	-2,7376
130	130	148	INCRSIS	0	0	0	0	-46,354
130	130	142	INCRSIS	0	0	0	0	-68,7024
130	130	141	INCRSIS	0	0	0	0	-25,8024
131	131	148	PP	8,92	-85,56	-14,116	90,35	0
131	131	149	PP	11,34	-66,66	-13,879	72,99	0
131	131	143	PP	3,8	-66,38	-11,933	68,36	0
131	131	142	PP	1,34	-85,25	-12,561	85,93	0
131	131	148	STER	0	0	0	0	-13,1939
131	131	149	STER	0	0	0	0	-51,7516
131	131	143	STER	0	0	0	0	-63,3628
131	131	142	STER	0	0	0	0	-53,4422
131	131	148	SSOVR	0	0	0	0	-4,6027
131	131	149	SSOVR	0	0	0	0	-9,9797
131	131	143	SSOVR	0	0	0	0	-12,4213
131	131	142	SSOVR	0	0	0	0	-11,8287
131	131	148	INERZIA	0	0	0	0	-2,8675
131	131	149	INERZIA	0	0	0	0	-6,2173
131	131	143	INERZIA	0	0	0	0	-7,7385
131	131	142	INERZIA	0	0	0	0	-7,3693
131	131	148	INCRSIS	0	0	0	0	-27,0273
131	131	149	INCRSIS	0	0	0	0	-58,6007
131	131	143	INCRSIS	0	0	0	0	-72,9378
131	131	142	INCRSIS	0	0	0	0	-69,4581
132	132	149	PP	1,39	-66,33	-11,197	67,03	0
132	132	150	PP	2,74	-50,51	-8,04	51,93	0
132	132	144	PP	-3,44	-51,27	-6,666	49,63	0
132	132	143	PP	-4,92	-66,96	-10,423	64,64	0
132	132	149	STER	0	0	0	0	-51,5953
132	132	150	STER	0	0	0	0	-58,2275
132	132	144	STER	0	0	0	0	-66,9311
132	132	143	STER	0	0	0	0	-63,774
132	132	149	SSOVR	0	0	0	0	-10,1581
132	132	150	SSOVR	0	0	0	0	-9,9417
132	132	144	SSOVR	0	0	0	0	-11,8236
132	132	143	SSOVR	0	0	0	0	-12,451
132	132	149	INERZIA	0	0	0	0	-6,3285
132	132	150	INERZIA	0	0	0	0	-6,1937
132	132	144	INERZIA	0	0	0	0	-7,3661
132	132	143	INERZIA	0	0	0	0	-7,757
132	132	149	INCRSIS	0	0	0	0	-59,6485
132	132	150	INCRSIS	0	0	0	0	-58,3775
132	132	144	INCRSIS	0	0	0	0	-69,4283
132	132	143	INCRSIS	0	0	0	0	-73,1124

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
133	133	150	PP	-7,84	-51,54	-3,229	48,1	0
133	133	151	PP	-4,01	-33,59	6,102	31,77	0
133	133	145	PP	-7,07	-35,58	13,204	32,63	0
133	133	144	PP	-12,17	-52,26	1,083	47,36	0
133	133	150	STER	0	0	0	0	-58,2825
133	133	151	STER	0	0	0	0	-47,1783
133	133	145	STER	0	0	0	0	-44,5635
133	133	144	STER	0	0	0	0	-66,8033
133	133	150	SSOVR	0	0	0	0	-9,9054
133	133	151	SSOVR	0	0	0	0	-6,8198
133	133	145	SSOVR	0	0	0	0	-6,6606
133	133	144	SSOVR	0	0	0	0	-11,8081
133	133	150	INERZIA	0	0	0	0	-6,1711
133	133	151	INERZIA	0	0	0	0	-4,2487
133	133	145	INERZIA	0	0	0	0	-4,1495
133	133	144	INERZIA	0	0	0	0	-7,3564
133	133	150	INCRSIS	0	0	0	0	-58,1644
133	133	151	INCRSIS	0	0	0	0	-40,0459
133	133	145	INCRSIS	0	0	0	0	-39,111
133	133	144	INCRSIS	0	0	0	0	-69,3371
134	134	151	PP	-10,02	-39,53	22,395	35,59	0
134	134	152	PP	6,48	-35,44	40,042	39,08	0
134	134	146	PP	6,02	-39,3	42,257	42,63	0
134	134	145	PP	-11,67	-42,2	26,867	37,74	0
134	134	151	STER	0	0	0	0	-47,1985
134	134	152	STER	0	0	0	0	-0,5855
134	134	146	STER	0	0	0	0	11,7771
134	134	145	STER	0	0	0	0	-44,724
134	134	151	SSOVR	0	0	0	0	-6,8068
134	134	152	SSOVR	0	0	0	0	1,0787
134	134	146	SSOVR	0	0	0	0	3,4249
134	134	145	SSOVR	0	0	0	0	-6,6817
134	134	151	INERZIA	0	0	0	0	-4,2406
134	134	152	INERZIA	0	0	0	0	0,6721
134	134	146	INERZIA	0	0	0	0	2,1337
134	134	145	INERZIA	0	0	0	0	-4,1627
134	134	151	INCRSIS	0	0	0	0	-39,9696
134	134	152	INCRSIS	0	0	0	0	6,3343
134	134	146	INCRSIS	0	0	0	0	20,1108
134	134	145	INCRSIS	0	0	0	0	-39,2352
135	135	152	PP	15,97	-57,31	45,406	66,74	0
135	135	153	PP	12,71	-34,16	53,883	41,98	0
135	135	147	PP	15,37	-39,8	53,587	49,31	0
135	135	146	PP	18,54	-62,87	46,066	73,9	0
135	135	152	STER	0	0	0	0	-0,8242
135	135	153	STER	0	0	0	0	101,6252
135	135	147	STER	0	0	0	0	125,3437
135	135	146	STER	0	0	0	0	11,6022
135	135	152	SSOVR	0	0	0	0	1,064
135	135	153	SSOVR	0	0	0	0	15,508
135	135	147	SSOVR	0	0	0	0	21,1697
135	135	146	SSOVR	0	0	0	0	3,4194
135	135	152	INERZIA	0	0	0	0	0,6629
135	135	153	INERZIA	0	0	0	0	9,6615
135	135	147	INERZIA	0	0	0	0	13,1887
135	135	146	INERZIA	0	0	0	0	2,1303
135	135	152	INCRSIS	0	0	0	0	6,2477
135	135	153	INCRSIS	0	0	0	0	91,0632
135	135	147	INCRSIS	0	0	0	0	124,3087
135	135	146	INCRSIS	0	0	0	0	20,0788
136	136	154	PP	12,28	-76,94	-14,736	83,75	0
136	136	149	PP	9,99	-77,37	-14,873	82,82	0
136	136	148	PP	10,63	-77,19	-15,475	83,01	0
136	136	154	STER	0	0	0	0	-31,928
136	136	149	STER	0	0	0	0	-51,9377
136	136	148	STER	0	0	0	0	-14,8576
136	136	154	SSOVR	0	0	0	0	-7,5337
136	136	149	SSOVR	0	0	0	0	-9,9648

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
136	136	148	SSOVR	0	0	0	0	-5,0074
136	136	154	INERZIA	0	0	0	0	-4,6935
136	136	149	INERZIA	0	0	0	0	-6,2081
136	136	148	INERZIA	0	0	0	0	-3,1196
136	136	154	INCRSIS	0	0	0	0	-44,2379
136	136	149	INCRSIS	0	0	0	0	-58,5134
136	136	148	INCRSIS	0	0	0	0	-29,4032
137	137	154	PP	7,14	-76,69	-13,984	80,5	0
137	137	155	PP	9,28	-56,31	-12,93	61,48	0
137	137	150	PP	2,64	-55,93	-10,265	57,29	0
137	137	149	PP	0,36	-76,18	-12,048	76,36	0
137	137	154	STER	0	0	0	0	-18,0777
137	137	155	STER	0	0	0	0	-47,4127
137	137	150	STER	0	0	0	0	-58,1383
137	137	149	STER	0	0	0	0	-51,7814
137	137	154	SSOVR	0	0	0	0	-4,5115
137	137	155	SSOVR	0	0	0	0	-7,921
137	137	150	SSOVR	0	0	0	0	-9,9368
137	137	149	SSOVR	0	0	0	0	-10,1433
137	137	154	INERZIA	0	0	0	0	-2,8106
137	137	155	INERZIA	0	0	0	0	-4,9348
137	137	150	INERZIA	0	0	0	0	-6,1906
137	137	149	INERZIA	0	0	0	0	-6,3192
137	137	154	INCRSIS	0	0	0	0	-26,4914
137	137	155	INCRSIS	0	0	0	0	-46,5122
137	137	150	INCRSIS	0	0	0	0	-58,3489
137	137	149	INCRSIS	0	0	0	0	-59,5612
138	138	155	PP	-2,77	-56,08	-8,204	54,75	0
138	138	156	PP	0,11	-35,59	-2,539	35,64	0
138	138	151	PP	-4,99	-36,54	1,084	34,32	0
138	138	150	PP	-8,3	-56,6	-6,403	52,95	0
138	138	155	STER	0	0	0	0	-48,5543
138	138	156	STER	0	0	0	0	-44,5704
138	138	151	STER	0	0	0	0	-47,2096
138	138	150	STER	0	0	0	0	-58,1932
138	138	155	SSOVR	0	0	0	0	-8,359
138	138	156	SSOVR	0	0	0	0	-6,207
138	138	151	SSOVR	0	0	0	0	-6,823
138	138	150	SSOVR	0	0	0	0	-9,9005
138	138	155	INERZIA	0	0	0	0	-5,2077
138	138	156	INERZIA	0	0	0	0	-3,867
138	138	151	INERZIA	0	0	0	0	-4,2508
138	138	150	INERZIA	0	0	0	0	-6,168
138	138	155	INCRSIS	0	0	0	0	-49,0841
138	138	156	INCRSIS	0	0	0	0	-36,4477
138	138	151	INCRSIS	0	0	0	0	-40,0649
138	138	150	INCRSIS	0	0	0	0	-58,1357
139	139	156	PP	-10,89	-38,63	9,585	34,5	0
139	139	157	PP	1,56	-28,7	34,05	29,52	0
139	139	152	PP	2,33	-33,44	38,005	34,66	0
139	139	151	PP	-12,57	-40,9	16,865	36,29	0
139	139	156	STER	0	0	0	0	-44,6065
139	139	157	STER	0	0	0	0	-10,4544
139	139	152	STER	0	0	0	0	-0,5602
139	139	151	STER	0	0	0	0	-47,2297
139	139	156	SSOVR	0	0	0	0	-6,1999
139	139	157	SSOVR	0	0	0	0	-0,6333
139	139	152	SSOVR	0	0	0	0	1,0811
139	139	151	SSOVR	0	0	0	0	-6,81
139	139	156	INERZIA	0	0	0	0	-3,8625
139	139	157	INERZIA	0	0	0	0	-0,3946
139	139	152	INERZIA	0	0	0	0	0,6735
139	139	151	INERZIA	0	0	0	0	-4,2427
139	139	156	INCRSIS	0	0	0	0	-36,4059
139	139	157	INCRSIS	0	0	0	0	-3,719
139	139	152	INCRSIS	0	0	0	0	6,3484
139	139	151	INCRSIS	0	0	0	0	-39,9886
140	140	157	PP	10,58	-50,59	43,731	56,62	0

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
140	140	158	PP	11,44	-29,41	53,529	36,5	0
140	140	153	PP	12,71	-34,16	53,883	41,98	0
140	140	152	PP	11,6	-55,09	44,832	61,71	0
140	140	157	STER	0	0	0	0	-10,3688
140	140	158	STER	0	0	0	0	78,6377
140	140	153	STER	0	0	0	0	101,6252
140	140	152	STER	0	0	0	0	-0,799
140	140	157	SSOVR	0	0	0	0	-0,5861
140	140	158	SSOVR	0	0	0	0	10,9883
140	140	153	SSOVR	0	0	0	0	15,508
140	140	152	SSOVR	0	0	0	0	1,0664
140	140	157	INERZIA	0	0	0	0	-0,3651
140	140	158	INERZIA	0	0	0	0	6,8457
140	140	153	INERZIA	0	0	0	0	9,6615
140	140	152	INERZIA	0	0	0	0	0,6644
140	140	157	INCRSIS	0	0	0	0	-3,4414
140	140	158	INCRSIS	0	0	0	0	64,5233
140	140	153	INCRSIS	0	0	0	0	91,0632
140	140	152	INCRSIS	0	0	0	0	6,2618
141	141	159	PP	11,95	-65,35	-14,32	72,07	0
141	141	155	PP	7,66	-66,21	-14,648	70,35	0
141	141	154	PP	8,82	-66,01	-15,961	70,83	0
141	141	159	STER	0	0	0	0	-33,1139
141	141	155	STER	0	0	0	0	-47,3925
141	141	154	STER	0	0	0	0	-20,2572
141	141	159	SSOVR	0	0	0	0	-6,7689
141	141	155	SSOVR	0	0	0	0	-7,8734
141	141	154	SSOVR	0	0	0	0	-4,9745
141	141	159	INERZIA	0	0	0	0	-4,217
141	141	155	INERZIA	0	0	0	0	-4,9051
141	141	154	INERZIA	0	0	0	0	-3,0991
141	141	159	INCRSIS	0	0	0	0	-39,7467
141	141	155	INCRSIS	0	0	0	0	-46,2326
141	141	154	INCRSIS	0	0	0	0	-29,21
142	142	159	PP	2,78	-65,05	-12,648	66,49	0
142	142	160	PP	6,39	-38,6	-11,705	42,16	0
142	142	156	PP	0,08674	-38,23	-6,486	38,27	0
142	142	155	PP	-3,77	-64,43	-9,478	62,64	0
142	142	159	STER	0	0	0	0	-14,3533
142	142	160	STER	0	0	0	0	-40,1949
142	142	156	STER	0	0	0	0	-44,5126
142	142	155	STER	0	0	0	0	-48,5341
142	142	159	SSOVR	0	0	0	0	-2,9478
142	142	160	SSOVR	0	0	0	0	-5,4671
142	142	156	SSOVR	0	0	0	0	-6,2102
142	142	155	SSOVR	0	0	0	0	-8,3114
142	142	159	INERZIA	0	0	0	0	-1,8365
142	142	160	INERZIA	0	0	0	0	-3,406
142	142	156	INERZIA	0	0	0	0	-3,869
142	142	155	INERZIA	0	0	0	0	-5,178
142	142	159	INCRSIS	0	0	0	0	-17,3094
142	142	160	INCRSIS	0	0	0	0	-32,1029
142	142	156	INCRSIS	0	0	0	0	-36,4666
142	142	155	INCRSIS	0	0	0	0	-48,8046
143	143	160	PP	-6,82	-39,03	-0,71	36,1	0
143	143	161	PP	1,14	-24,2	23,934	24,79	0
143	143	157	PP	-1,42	-27,97	30,603	27,28	0
143	143	156	PP	-11,98	-40,2	3,734	35,75	0
143	143	160	STER	0	0	0	0	-43,3235
143	143	161	STER	0	0	0	0	-15,4502
143	143	157	STER	0	0	0	0	-10,4617
143	143	156	STER	0	0	0	0	-44,5486
143	143	160	SSOVR	0	0	0	0	-6,0457
143	143	161	SSOVR	0	0	0	0	-1,4533
143	143	157	SSOVR	0	0	0	0	-0,6327
143	143	156	SSOVR	0	0	0	0	-6,2031
143	143	160	INERZIA	0	0	0	0	-3,7665
143	143	161	INERZIA	0	0	0	0	-0,9054

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Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
143	143	157	INERZIA	0	0	0	0	-0,3942
143	143	156	INERZIA	0	0	0	0	-3,8645
143	143	160	INCRSIS	0	0	0	0	-35,5006
143	143	161	INCRSIS	0	0	0	0	-8,5335
143	143	157	INCRSIS	0	0	0	0	-3,7154
143	143	156	INCRSIS	0	0	0	0	-36,4247
144	144	161	PP	3,4	-42,16	40,875	43,96	0
144	144	162	PP	7,5	-21,98	54,555	26,54	0
144	144	158	PP	11,44	-29,41	53,529	36,5	0
144	144	157	PP	7,09	-49,35	42,863	53,25	0
144	144	161	STER	0	0	0	0	-15,7373
144	144	162	STER	0	0	0	0	54,1747
144	144	158	STER	0	0	0	0	78,6377
144	144	157	STER	0	0	0	0	-10,3761
144	144	161	SSOVR	0	0	0	0	-1,4819
144	144	162	SSOVR	0	0	0	0	6,9329
144	144	158	SSOVR	0	0	0	0	10,9883
144	144	157	SSOVR	0	0	0	0	-0,5855
144	144	161	INERZIA	0	0	0	0	-0,9232
144	144	162	INERZIA	0	0	0	0	4,3192
144	144	158	INERZIA	0	0	0	0	6,8457
144	144	157	INERZIA	0	0	0	0	-0,3647
144	144	161	INCRSIS	0	0	0	0	-8,7018
144	144	162	INCRSIS	0	0	0	0	40,7098
144	144	158	INCRSIS	0	0	0	0	64,5233
144	144	157	INCRSIS	0	0	0	0	-3,4379
145	145	163	PP	9,57	-47,45	-13,885	52,88	0
145	145	160	PP	4,8	-48,73	-14,937	51,29	0
145	145	159	PP	5,83	-49,9	-16,712	53,05	0
145	145	163	STER	0	0	0	0	-29,9214
145	145	160	STER	0	0	0	0	-39,755
145	145	159	STER	0	0	0	0	-17,7805
145	145	163	SSOVR	0	0	0	0	-4,8184
145	145	160	SSOVR	0	0	0	0	-5,3585
145	145	159	SSOVR	0	0	0	0	-3,5736
145	145	163	INERZIA	0	0	0	0	-3,0019
145	145	160	INERZIA	0	0	0	0	-3,3383
145	145	159	INERZIA	0	0	0	0	-2,2263
145	145	163	INCRSIS	0	0	0	0	-28,2936
145	145	160	INCRSIS	0	0	0	0	-31,465
145	145	159	INCRSIS	0	0	0	0	-20,984
146	146	163	PP	-0,62	-47,93	-11,732	47,62	0
146	146	164	PP	2,67	-19,75	-0,447	21,21	0
146	146	161	PP	-1,49	-22,63	16,533	21,92	0
146	146	160	PP	-8,14	-47,46	-5,094	43,96	0
146	146	163	STER	0	0	0	0	-5,5174
146	146	164	STER	0	0	0	0	-21,1705
146	146	161	STER	0	0	0	0	-15,4458
146	146	160	STER	0	0	0	0	-42,8836
146	146	163	SSOVR	0	0	0	0	-1,0345
146	146	164	SSOVR	0	0	0	0	-2,261
146	146	161	SSOVR	0	0	0	0	-1,4633
146	146	160	SSOVR	0	0	0	0	-5,9371
146	146	163	INERZIA	0	0	0	0	-0,6445
146	146	164	INERZIA	0	0	0	0	-1,4086
146	146	161	INERZIA	0	0	0	0	-0,9116
146	146	160	INERZIA	0	0	0	0	-3,6988
146	146	163	INCRSIS	0	0	0	0	-6,0747
146	146	164	INCRSIS	0	0	0	0	-13,2763
146	146	161	INCRSIS	0	0	0	0	-8,5922
146	146	160	INCRSIS	0	0	0	0	-34,8627
147	147	164	PP	0,5	-33,3	34,662	33,55	0
147	147	165	PP	7,38	-14,83	51,457	19,59	0
147	147	162	PP	7,5	-21,98	54,555	26,54	0
147	147	161	PP	-0,65	-39,17	39,576	38,85	0
147	147	164	STER	0	0	0	0	-22,8942
147	147	165	STER	0	0	0	0	28,0807
147	147	162	STER	0	0	0	0	54,1747

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Table: Element Forces - Area Shells, Part 2 of 4

Area	AreaElem	Joint	OutputCase	FMax KN/m	FMin KN/m	FAngle Degrees	FVM KN/m	M11 KN-m/m
147	147	161	STER	0	0	0	0	-15,733
147	147	164	SSOVR	0	0	0	0	-2,4522
147	147	165	SSOVR	0	0	0	0	3,1831
147	147	162	SSOVR	0	0	0	0	6,9329
147	147	161	SSOVR	0	0	0	0	-1,4919
147	147	164	INERZIA	0	0	0	0	-1,5277
147	147	165	INERZIA	0	0	0	0	1,9831
147	147	162	INERZIA	0	0	0	0	4,3192
147	147	161	INERZIA	0	0	0	0	-0,9295
147	147	164	INCRSIS	0	0	0	0	-14,3992
147	147	165	INCRSIS	0	0	0	0	18,6912
147	147	162	INCRSIS	0	0	0	0	40,7098
147	147	161	INCRSIS	0	0	0	0	-8,7605
148	148	166	PP	8,84	-25,84	-11,57	31,21	0
148	148	164	PP	0,33	-28,05	-14,655	28,22	0
148	148	163	PP	2,28	-30,4	-20,029	31,6	0
148	148	166	STER	0	0	0	0	-18,3068
148	148	164	STER	0	0	0	0	-20,5401
148	148	163	STER	0	0	0	0	-9,0476
148	148	166	SSOVR	0	0	0	0	-2,0533
148	148	164	SSOVR	0	0	0	0	-2,1505
148	148	163	SSOVR	0	0	0	0	-1,6313
148	148	166	INERZIA	0	0	0	0	-1,2792
148	148	164	INERZIA	0	0	0	0	-1,3398
148	148	163	INERZIA	0	0	0	0	-1,0163
148	148	166	INCRSIS	0	0	0	0	-12,0568
148	148	164	INCRSIS	0	0	0	0	-12,6278
148	148	163	INCRSIS	0	0	0	0	-9,5788
149	149	166	PP	-5,29	-27,26	4,447	25,03	0
149	149	167	PP	1,19	-1,19	45	2,07	0
149	149	165	PP	7,38	-14,83	51,457	19,59	0
149	149	164	PP	-5,91	-34,08	26,776	31,55	0
149	149	166	STER	0	0	0	0	-1,9243
149	149	167	STER	0	0	0	0	1,9793
149	149	165	STER	0	0	0	0	28,0807
149	149	164	STER	0	0	0	0	-22,2639
149	149	166	SSOVR	0	0	0	0	-0,2747
149	149	167	SSOVR	0	0	0	0	0,2643
149	149	165	SSOVR	0	0	0	0	3,1831
149	149	164	SSOVR	0	0	0	0	-2,3417
149	149	166	INERZIA	0	0	0	0	-0,1712
149	149	167	INERZIA	0	0	0	0	0,1647
149	149	165	INERZIA	0	0	0	0	1,9831
149	149	164	INERZIA	0	0	0	0	-1,4589
149	149	166	INCRSIS	0	0	0	0	-1,6132
149	149	167	INCRSIS	0	0	0	0	1,552
149	149	165	INCRSIS	0	0	0	0	18,6912
149	149	164	INCRSIS	0	0	0	0	-13,7506
150	150	168	PP	0,56	-0,26	37,982	0,73	0
150	150	167	PP	0,33	-0,48	48,562	0,7	0
150	150	166	PP	0,72	-0,87	-46,788	1,38	0
150	150	168	STER	0	0	0	0	1,1998
150	150	167	STER	0	0	0	0	1,9793
150	150	166	STER	0	0	0	0	-4,3966
150	150	168	SSOVR	0	0	0	0	0,2058
150	150	167	SSOVR	0	0	0	0	0,2643
150	150	166	SSOVR	0	0	0	0	-0,5962
150	150	168	INERZIA	0	0	0	0	0,1282
150	150	167	INERZIA	0	0	0	0	0,1647
150	150	166	INERZIA	0	0	0	0	-0,3714
150	150	168	INCRSIS	0	0	0	0	1,2085
150	150	167	INCRSIS	0	0	0	0	1,552
150	150	166	INCRSIS	0	0	0	0	-3,5009



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Table: Element Forces - Area Shells, Part 3 of 4

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
4	4	7	PP	0	0	0	0	0
4	4	9	PP	0	0	0	0	0
4	4	10	PP	0	0	0	0	0
4	4	8	PP	0	0	0	0	0
4	4	7	STER	-9,9166	-3,6715	1,6595	-11,0811	-17,597
4	4	9	STER	-4,6721	-3,9094	0,5272	-7,6116	-36,94
4	4	10	STER	0,1073	-3,1537	3,4462	-2,8714	-43,366
4	4	8	STER	0,0657	-2,9158	2,874	-2,9617	-46,076
4	4	7	SSOVR	-4,0556	-1,6016	0,8876	-4,5745	-17,953
4	4	9	SSOVR	-0,8636	-1,2735	1,0851	-1,6959	-33,166
4	4	10	SSOVR	0,0889	-0,9257	3,2086	-0,1858	-16,526
4	4	8	SSOVR	0,0105	-1,2537	1,1123	-1,416	-48,689
4	4	7	INERZIA	-2,5266	-0,9978	0,553	-2,8499	-17,953
4	4	9	INERZIA	-0,538	-0,7934	0,676	-1,0566	-33,166
4	4	10	INERZIA	0,0554	-0,5767	1,999	-0,1157	-16,526
4	4	8	INERZIA	0,0065	-0,7811	0,693	-0,8822	-48,689
4	4	7	INCRSIS	-23,8142	-9,4046	5,212	-26,8614	-17,953
4	4	9	INCRSIS	-5,0711	-7,4782	6,3717	-9,9584	-33,166
4	4	10	INCRSIS	0,522	-5,4355	18,8409	-1,0908	-16,526
4	4	8	INCRSIS	0,0615	-7,3619	6,5316	-8,315	-48,689
5	5	9	PP	0	0	0	0	0
5	5	11	PP	0	0	0	0	0
5	5	12	PP	0	0	0	0	0
5	5	10	PP	0	0	0	0	0
5	5	9	STER	-4,8374	-3,5711	-0,3785	-7,6976	-38,691
5	5	11	STER	13,8828	-4,161	21,2811	11,5425	-29,355
5	5	12	STER	-0,3474	-2,3218	11,2247	-0,8132	-11,345
5	5	10	STER	0,2105	-1,7319	2,3713	-1,1776	-38,712
5	5	9	SSOVR	-0,9842	-0,4184	-0,1422	-1,1921	-26,421
5	5	11	SSOVR	12,1341	-0,3337	17,6364	12,1139	-3,47
5	5	12	SSOVR	-0,2615	0,817	12,0398	-0,3158	3,8
5	5	10	SSOVR	0,1695	0,7323	3,4981	0,0084	12,408
5	5	9	INERZIA	-0,6131	-0,2606	-0,0886	-0,7427	-26,421
5	5	11	INERZIA	7,5595	-0,2079	10,9875	7,5469	-3,47
5	5	12	INERZIA	-0,1629	0,509	7,5008	-0,1967	3,8
5	5	10	INERZIA	0,1056	0,4562	2,1793	0,0052	12,408
5	5	9	INCRSIS	-5,7791	-2,4567	-0,8348	-6,9997	-26,421
5	5	11	INCRSIS	71,2514	-1,9594	103,5607	71,1326	-3,47
5	5	12	INCRSIS	-1,5357	4,7973	70,6979	-1,8544	3,8
5	5	10	INCRSIS	0,9953	4,3	20,5409	0,0493	12,408
6	6	11	PP	0	0	0	0	0
6	6	13	PP	0	0	0	0	0
6	6	14	PP	0	0	0	0	0
6	6	12	PP	0	0	0	0	0
6	6	11	STER	13,8937	-5,0365	22,0901	10,799	-31,57
6	6	13	STER	-3,4028	-5,2984	-1,6855	-19,7499	-72,042
6	6	14	STER	0,2763	-6,0126	2,6312	-15,0751	-68,611
6	6	12	STER	-0,3747	-5,7507	13,0802	-2,8327	-23,142
6	6	11	SSOVR	12,1371	-0,5471	17,6851	12,0832	-5,632
6	6	13	SSOVR	-0,7344	-0,4111	-0,7076	-7,0338	-86,267
6	6	14	SSOVR	0,1935	-1,1085	0,5282	-3,477	-73,196
6	6	12	SSOVR	-0,2665	-1,2445	12,0863	-0,3918	-5,753
6	6	11	INERZIA	7,5614	-0,3408	11,0178	7,5278	-5,632
6	6	13	INERZIA	-0,4575	-0,2561	-0,4408	-4,3821	-86,267
6	6	14	INERZIA	0,1205	-0,6906	0,3291	-2,1661	-73,196
6	6	12	INERZIA	-0,166	-0,7753	7,5298	-0,2441	-5,753
6	6	11	INCRSIS	71,2691	-3,2126	103,8468	70,9523	-5,632
6	6	13	INCRSIS	-4,3123	-2,4138	-4,1548	-41,3027	-86,267
6	6	14	INCRSIS	1,1361	-6,5088	3,1017	-20,4167	-73,196
6	6	12	INCRSIS	-1,5647	-7,3077	70,9709	-2,3009	-5,753
7	7	13	PP	0	0	0	0	0
7	7	15	PP	0	0	0	0	0
7	7	16	PP	0	0	0	0	0
7	7	14	PP	0	0	0	0	0
7	7	13	STER	-3,2435	-4,3859	-1,9825	-18,4975	-73,959
7	7	15	STER	-5,8494	-4,3996	-5,0997	-31,6659	-80,329
7	7	16	STER	-0,1188	-3,8875	0,3324	-33,6149	-83,38



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
7	7	14	STER	0,1803	-3,8738	1,2208	-14,2408	-74,964
7	7	13	SSOVR	-0,623	0,4876	-0,5825	-6,4905	85,25
7	7	15	SSOVR	-3,1462	0,5809	-3,1163	-14,4397	87,056
7	7	16	SSOVR	-0,0967	0,7723	-0,0602	-16,4343	87,293
7	7	14	SSOVR	0,1396	0,679	0,265	-3,5371	79,536
7	7	13	INERZIA	-0,3881	0,3037	-0,3629	-4,0436	85,25
7	7	15	INERZIA	-1,9601	0,3619	-1,9415	-8,9959	87,056
7	7	16	INERZIA	-0,0603	0,4812	-0,0375	-10,2386	87,293
7	7	14	INERZIA	0,087	0,423	0,1651	-2,2036	79,536
7	7	13	INCRSIS	-3,6581	2,8629	-3,4202	-38,1123	85,25
7	7	15	INCRSIS	-18,4744	3,4108	-18,299	-84,7897	87,056
7	7	16	INCRSIS	-0,568	4,5351	-0,3536	-96,5025	87,293
7	7	14	INCRSIS	0,8196	3,9873	1,556	-20,7696	79,536
8	8	15	PP	0	0	0	0	0
8	8	17	PP	0	0	0	0	0
8	8	18	PP	0	0	0	0	0
8	8	16	PP	0	0	0	0	0
8	8	15	STER	-5,9663	-5,704	-4,7501	-32,717	-77,963
8	8	17	STER	-4,7231	-6,7744	-3,3042	-37,0668	-78,17
8	8	18	STER	-0,035	-6,4135	1,0787	-36,9696	-80,149
8	8	16	STER	0,0218	-5,343	0,8782	-33,3168	-80,895
8	8	15	SSOVR	-3,2362	-0,4397	-3,2196	-14,8767	-87,837
8	8	17	SSOVR	-3,1248	-1,4576	-2,9763	-17,4334	-84,183
8	8	18	SSOVR	-0,0326	-1,3189	0,0623	-18,3677	-85,886
8	8	16	SSOVR	0,0347	-0,301	0,0405	-15,7463	-88,907
8	8	15	INERZIA	-2,0162	-0,2739	-2,0058	-9,2682	-87,837
8	8	17	INERZIA	-1,9467	-0,9081	-1,8542	-10,861	-84,183
8	8	18	INERZIA	-0,0203	-0,8217	0,0388	-11,4431	-85,886
8	8	16	INERZIA	0,0216	-0,1875	0,0252	-9,8099	-88,907
8	8	15	INCRSIS	-19,0032	-2,5819	-18,9057	-87,3561	-87,837
8	8	17	INCRSIS	-18,3487	-8,5592	-17,4768	-102,3689	-84,183
8	8	18	INCRSIS	-0,1913	-7,7447	0,3658	-107,8554	-85,886
8	8	16	INCRSIS	0,204	-1,7675	0,2377	-92,4621	-88,907
9	9	17	PP	0	0	0	0	0
9	9	19	PP	0	0	0	0	0
9	9	20	PP	0	0	0	0	0
9	9	18	PP	0	0	0	0	0
9	9	17	STER	-4,7006	-7,3396	-3,0427	-37,1933	-77,271
9	9	19	STER	-1,8774	-7,3622	0,1024	-29,2555	-74,949
9	9	20	STER	0,1546	-7,4643	2,1861	-27,2716	-74,775
9	9	18	STER	-0,1277	-7,4417	1,3427	-37,7901	-78,823
9	9	17	SSOVR	-3,1176	-2,3611	-2,7336	-17,6331	-80,761
9	9	19	SSOVR	-2,0185	-3,0651	-1,2257	-13,8686	-75,498
9	9	20	SSOVR	0,0782	-3,1546	0,7967	-13,772	-77,169
9	9	18	SSOVR	-0,0606	-2,4506	0,261	-18,7345	-82,524
9	9	17	INERZIA	-1,9423	-1,471	-1,703	-10,9854	-80,761
9	9	19	INERZIA	-1,2575	-1,9095	-0,7636	-8,6401	-75,498
9	9	20	INERZIA	0,0487	-1,9653	0,4964	-8,58	-77,169
9	9	18	INERZIA	-0,0377	-1,5267	0,1626	-11,6716	-82,524
9	9	17	INCRSIS	-18,3066	-13,8643	-16,0514	-103,5416	-80,761
9	9	19	INCRSIS	-11,8526	-17,9981	-7,1973	-81,4362	-75,498
9	9	20	INCRSIS	0,4593	-18,524	4,6785	-80,8693	-77,169
9	9	18	INCRSIS	-0,3557	-14,3901	1,5327	-110,0089	-82,524
10	10	19	PP	0	0	0	0	0
10	10	21	PP	0	0	0	0	0
10	10	22	PP	0	0	0	0	0
10	10	20	PP	0	0	0	0	0
10	10	19	STER	-1,6148	-6,6509	0,0835	-27,6609	-75,676
10	10	21	STER	7,4729	-2,484	7,9609	-5,1703	-78,885
10	10	22	STER	0,3829	-2,7123	9,3993	-0,433	-16,742
10	10	20	STER	-0,3025	-6,8792	1,3371	-29,1655	-76,594
10	10	19	SSOVR	-1,8783	-3,4965	-0,8202	-13,4329	-73,164
10	10	21	SSOVR	2,7585	-2,0812	3,5723	-2,5642	-68,644
10	10	22	SSOVR	0,2107	-2,192	5,257	-0,7414	-23,479
10	10	20	SSOVR	-0,1567	-3,6073	0,7141	-15,099	-76,428
10	10	19	INERZIA	-1,1702	-2,1783	-0,511	-8,3687	-73,164
10	10	21	INERZIA	1,7186	-1,2966	2,2255	-1,5975	-68,644
10	10	22	INERZIA	0,1313	-1,3656	3,2751	-0,4619	-23,479

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
10	10	20	INERZIA	-0,0976	-2,2473	0,4449	-9,4067	-76,428
10	10	19	INCRSIS	-11,0294	-20,5315	-4,8164	-78,8778	-73,164
10	10	21	INCRSIS	16,1981	-12,221	20,9766	-15,057	-68,644
10	10	22	INCRSIS	1,2374	-12,8715	30,869	-4,3538	-23,479
10	10	20	INCRSIS	-0,9202	-21,182	4,1934	-88,6613	-76,428
11	11	21	PP	0	0	0	0	0
11	11	23	PP	0	0	0	0	0
11	11	24	PP	0	0	0	0	0
11	11	22	PP	0	0	0	0	0
11	11	21	STER	7,1687	4,126	8,3393	-7,3742	74,16
11	11	23	STER	43,0798	8,5987	63,3416	39,4307	22,996
11	11	24	STER	-0,7998	10,6709	52,1691	-2,9495	11,39
11	11	22	STER	0,561	6,1983	12,6513	-2,6166	27,143
11	11	21	SSOVR	2,5958	0,6256	2,6705	-2,639	83,185
11	11	23	SSOVR	21,9364	2,2446	32,2678	21,4487	12,258
11	11	24	SSOVR	-0,4085	3,4376	25,8431	-0,8586	7,46
11	11	22	SSOVR	0,2943	1,8185	5,3735	-0,3568	19,699
11	11	21	INERZIA	1,6172	0,3897	1,6637	-1,6441	83,185
11	11	23	INERZIA	13,6664	1,3984	20,1028	13,3626	12,258
11	11	24	INERZIA	-0,2545	2,1416	16,1002	-0,5349	7,46
11	11	22	INERZIA	0,1833	1,1329	3,3477	-0,2223	19,699
11	11	21	INCRSIS	15,2423	3,6732	15,6813	-15,4961	83,185
11	11	23	INCRSIS	128,8106	13,1805	189,4764	125,9469	12,258
11	11	24	INCRSIS	-2,3987	20,1856	151,7505	-5,0419	7,46
11	11	22	INCRSIS	1,7279	10,6783	31,553	-2,0953	19,699
12	12	23	PP	0	0	0	0	0
12	12	25	PP	0	0	0	0	0
12	12	26	PP	0	0	0	0	0
12	12	24	PP	0	0	0	0	0
12	12	23	STER	43,0825	12,2502	66,198	36,5904	27,922
12	12	25	STER	8,2463	16,8323	26,0463	-7,671	43,4
12	12	26	STER	0,7919	13,9351	32,2567	-5,3796	23,887
12	12	24	STER	-0,8084	9,353	51,6439	-2,4762	10,11
12	12	23	SSOVR	21,9379	3,4109	32,8533	20,872	17,353
12	12	25	SSOVR	3,1721	5,1135	8,347	-1,8808	44,659
12	12	26	SSOVR	0,3549	3,6466	11,9613	-0,7908	17,442
12	12	24	SSOVR	-0,4148	1,9439	25,5072	-0,5606	4,289
12	12	23	INERZIA	13,6673	2,125	20,4676	13,0033	17,353
12	12	25	INERZIA	1,9762	3,1857	5,2002	-1,1717	44,659
12	12	26	INERZIA	0,2211	2,2718	7,4519	-0,4927	17,442
12	12	24	INERZIA	-0,2584	1,2111	15,891	-0,3492	4,289
12	12	23	INCRSIS	128,8192	20,0285	192,9143	122,5606	17,353
12	12	25	INCRSIS	18,6268	30,0265	49,0134	-11,0439	44,659
12	12	26	INCRSIS	2,0838	21,4128	70,2369	-4,6439	17,442
12	12	24	INCRSIS	-2,4357	11,4148	149,7782	-3,2917	4,289
13	13	25	PP	0	0	0	0	0
13	13	27	PP	0	0	0	0	0
13	13	28	PP	0	0	0	0	0
13	13	26	PP	0	0	0	0	0
13	13	25	STER	8,5846	23,8756	34,1329	-13,7278	43,062
13	13	27	STER	0,5009	28,3167	32,0085	-24,948	41,947
13	13	28	STER	-1,01	27,7789	29,4095	-26,3775	42,402
13	13	26	STER	0,5476	23,3378	39,0204	-13,6093	31,241
13	13	25	SSOVR	3,3532	8,091	11,8783	-4,3257	43,503
13	13	27	SSOVR	-0,689	9,7712	9,2041	-10,3398	44,645
13	13	28	SSOVR	-0,3101	9,6309	8,3766	-10,9878	47,951
13	13	26	SSOVR	0,2338	7,9507	14,608	-4,1638	28,948
13	13	25	INERZIA	2,089	5,0407	7,4002	-2,6949	43,503
13	13	27	INERZIA	-0,4292	6,0875	5,7342	-6,4417	44,645
13	13	28	INERZIA	-0,1932	6	5,2186	-6,8454	47,951
13	13	26	INERZIA	0,1457	4,9533	9,1008	-2,5941	28,948
13	13	25	INCRSIS	19,6901	47,5102	69,7496	-25,4006	43,503
13	13	27	INCRSIS	-4,0457	57,3765	54,0467	-60,7152	44,645
13	13	28	INCRSIS	-1,8209	56,5526	49,1874	-64,5204	47,951
13	13	26	INCRSIS	1,373	46,6863	85,7785	-24,4501	28,948
14	14	27	PP	0	0	0	0	0
14	14	29	PP	0	0	0	0	0
14	14	30	PP	0	0	0	0	0

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
14	14	28	PP	0	0	0	0	0
14	14	27	STER	0,1863	28,6488	31,3358	-26,1626	42,605
14	14	29	STER	-3,6492	27,9644	28,7215	-27,807	40,823
14	14	30	STER	2,4626	27,9872	30,0767	-25,9027	45,384
14	14	28	STER	-0,4134	28,6717	32,2177	-25,606	41,305
14	14	27	SSOVR	-0,844	9,4727	8,4417	-10,5075	45,571
14	14	29	SSOVR	-1,654	8,9626	7,8705	-10,0879	43,259
14	14	30	SSOVR	0,508	8,9317	8,4271	-9,5657	48,439
14	14	28	SSOVR	-0,0448	9,4418	8,9434	-9,9631	46,41
14	14	27	INERZIA	-0,5258	5,9015	5,2592	-6,5462	45,571
14	14	29	INERZIA	-1,0304	5,5837	4,9033	-6,2847	43,259
14	14	30	INERZIA	0,3165	5,5644	5,2501	-5,9594	48,439
14	14	28	INERZIA	-0,0279	5,8822	5,5718	-6,207	46,41
14	14	27	INCRSIS	-4,9561	55,6238	49,5695	-61,7002	45,571
14	14	29	INCRSIS	-9,712	52,6284	46,2155	-59,2359	43,259
14	14	30	INCRSIS	2,9829	52,4468	49,484	-56,1699	48,439
14	14	28	INCRSIS	-0,2633	55,4423	52,5158	-58,5031	46,41
15	15	29	PP	0	0	0	0	0
15	15	31	PP	0	0	0	0	0
15	15	32	PP	0	0	0	0	0
15	15	30	PP	0	0	0	0	0
15	15	29	STER	-3,9691	25,6001	25,3312	-26,3363	41,144
15	15	31	STER	-3,7735	12,1543	2,9863	-25,6274	60,919
15	15	32	STER	-11,6855	12,4214	-8,5896	-61,5233	76,005
15	15	30	STER	3,8444	25,8672	32,2097	-19,7446	42,363
15	15	29	SSOVR	-1,7495	7,9939	6,6064	-9,3971	43,732
15	15	31	SSOVR	-0,2591	3,7433	3,0016	-4,5564	48,941
15	15	32	SSOVR	-2,6794	3,8203	-1,4571	-14,6193	72,257
15	15	30	SSOVR	0,9169	8,0709	8,7324	-7,4178	45,921
15	15	29	INERZIA	-1,0899	4,9802	4,1158	-5,8544	43,732
15	15	31	INERZIA	-0,1614	2,3321	1,87	-2,8386	48,941
15	15	32	INERZIA	-1,6693	2,38	-0,9078	-9,1078	72,257
15	15	30	INERZIA	0,5712	5,0282	5,4403	-4,6213	45,921
15	15	29	INCRSIS	-10,2731	46,9403	38,793	-55,1797	43,732
15	15	31	INCRSIS	-1,5216	21,9806	17,6254	-26,7551	48,941
15	15	32	INCRSIS	-15,7334	22,4327	-8,5559	-85,8447	72,257
15	15	30	INCRSIS	5,3838	47,3924	51,2766	-43,5572	45,921
19	19	36	PP	0	0	0	0	0
19	19	37	PP	0	0	0	0	0
19	19	9	PP	0	0	0	0	0
19	19	7	PP	0	0	0	0	0
19	19	36	STER	-20,9883	-5,3066	0,8123	-22,2801	-13,681
19	19	37	STER	-17,5309	-7,3045	2,497	-20,195	-20,038
19	19	9	STER	-4,766	-6,1177	2,6295	-9,8266	-39,598
19	19	7	STER	-9,8015	-4,1198	1,961	-11,2445	-19,303
19	19	36	SSOVR	-8,1994	-2,3124	0,3885	-8,822	-15,07
19	19	37	SSOVR	-6,3188	-3,1922	2,7294	-7,4451	-19,433
19	19	9	SSOVR	-0,9321	-2,5882	2,3071	-3,0001	-38,626
19	19	7	SSOVR	-3,9809	-1,7083	0,9727	-4,57	-19,027
19	19	36	INERZIA	-5,1082	-1,4406	0,242	-5,4961	-15,07
19	19	37	INERZIA	-3,9366	-1,9888	1,7004	-4,6383	-19,433
19	19	9	INERZIA	-0,5807	-1,6124	1,4373	-1,869	-38,626
19	19	7	INERZIA	-2,4801	-1,0643	0,606	-2,8471	-19,027
19	19	36	INCRSIS	-48,147	-13,5781	2,2814	-51,803	-15,07
19	19	37	INCRSIS	-37,1042	-18,7448	16,0272	-43,7174	-19,433
19	19	9	INCRSIS	-5,473	-15,1978	13,5474	-17,6164	-38,626
19	19	7	INCRSIS	-23,3758	-10,0311	5,7119	-26,8351	-19,027
20	20	37	PP	0	0	0	0	0
20	20	38	PP	0	0	0	0	0
20	20	11	PP	0	0	0	0	0
20	20	9	PP	0	0	0	0	0
20	20	37	STER	-17,4928	-9,8701	4,4611	-21,9302	-24,208
20	20	38	STER	-20,089	-8,651	4,9531	-23,0776	-19,058
20	20	11	STER	13,9785	-6,857	23,7646	9,1739	-35,019
20	20	9	STER	-4,9313	-8,076	4,0249	-12,2137	-42,042
20	20	37	SSOVR	-6,2812	-4,447	3,7609	-8,2505	-23,886
20	20	38	SSOVR	-8,7028	-3,0668	5,9221	-9,3459	-11,843
20	20	11	SSOVR	12,2002	-2,0457	18,3139	11,5157	-18,501



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
20	20	9	SSOVR	-1,0526	-3,4259	2,735	-4,1514	-42,129
20	20	37	INERZIA	-3,9132	-2,7705	2,343	-5,1401	-23,886
20	20	38	INERZIA	-5,4219	-1,9106	3,6895	-5,8225	-11,843
20	20	11	INERZIA	7,6007	-1,2745	11,4095	7,1743	-18,501
20	20	9	INERZIA	-0,6558	-2,1344	1,7039	-2,5863	-42,129
20	20	37	INCRSIS	-36,883	-26,113	22,0838	-48,447	-23,886
20	20	38	INCRSIS	-51,103	-18,0084	34,7748	-54,8793	-11,843
20	20	11	INCRSIS	71,6396	-12,0125	107,5391	67,62	-18,501
20	20	9	INCRSIS	-6,181	-20,1171	16,0601	-24,3769	-42,129
21	21	38	PP	0	0	0	0	0
21	21	39	PP	0	0	0	0	0
21	21	13	PP	0	0	0	0	0
21	21	11	PP	0	0	0	0	0
21	21	38	STER	-20,0881	-3,4265	2,489	-20,6081	-8,63
21	21	39	STER	-14,8394	-2,0086	-13,0004	-17,0332	-47,523
21	21	13	STER	-3,4878	-2,2247	-3,1555	-18,3819	-81,505
21	21	11	STER	13,9894	-3,6426	20,927	12,0769	-27,702
21	21	38	SSOVR	-8,7026	1,1678	5,3769	-8,7995	4,741
21	21	39	SSOVR	-5,6681	2,5447	-2,6336	-7,802	39,983
21	21	13	SSOVR	-0,7974	2,0722	-0,1705	-7,6466	73,167
21	21	11	SSOVR	12,2032	0,6953	17,7318	12,1158	7,168
21	21	38	INERZIA	-5,4217	0,7275	3,3498	-5,4821	4,741
21	21	39	INERZIA	-3,5312	1,5853	-1,6407	-4,8607	39,983
21	21	13	INERZIA	-0,4968	1,291	-0,1062	-4,7638	73,167
21	21	11	INERZIA	7,6026	0,4332	11,0469	7,5481	7,168
21	21	38	INCRSIS	-51,1018	6,8572	31,5732	-51,6706	4,741
21	21	39	INCRSIS	-33,283	14,9425	-15,4643	-45,8135	39,983
21	21	13	INCRSIS	-4,6825	12,1682	-1,001	-44,9007	73,167
21	21	11	INCRSIS	71,6572	4,0829	104,1212	71,1437	7,168
22	22	39	PP	0	0	0	0	0
22	22	40	PP	0	0	0	0	0
22	22	15	PP	0	0	0	0	0
22	22	13	PP	0	0	0	0	0
22	22	39	STER	-14,9006	-4,2101	-10,9796	-19,4211	-47,036
22	22	40	STER	-15,0406	-5,8679	-13,1818	-33,5654	-72,424
22	22	15	STER	-5,7953	-5,4172	-4,6765	-32,0242	-78,33
22	22	13	STER	-3,3286	-3,7594	-2,3785	-18,2036	-75,816
22	22	39	SSOVR	-5,71	1,2313	-4,0588	-6,6282	36,713
22	22	40	SSOVR	-6,8974	0,1394	-6,8947	-14,2837	88,919
22	22	15	SSOVR	-3,1095	0,1177	-3,1083	-14,4037	89,403
22	22	13	SSOVR	-0,686	1,2096	-0,443	-6,7057	78,638
22	22	39	INERZIA	-3,5573	0,7671	-2,5286	-4,1294	36,713
22	22	40	INERZIA	-4,2971	0,0869	-4,2954	-8,8988	88,919
22	22	15	INERZIA	-1,9372	0,0733	-1,9365	-8,9735	89,403
22	22	13	INERZIA	-0,4274	0,7536	-0,276	-4,1776	78,638
22	22	39	INCRSIS	-33,529	7,2303	-23,8333	-38,9208	36,713
22	22	40	INCRSIS	-40,5014	0,8186	-40,4859	-83,8741	88,919
22	22	15	INCRSIS	-18,259	0,6911	-18,2518	-84,5784	89,403
22	22	13	INCRSIS	-4,0283	7,1028	-2,601	-39,3758	78,638
23	23	40	PP	0	0	0	0	0
23	23	41	PP	0	0	0	0	0
23	23	17	PP	0	0	0	0	0
23	23	15	PP	0	0	0	0	0
23	23	40	STER	-14,9986	-7,0283	-12,4105	-34,085	-69,784
23	23	41	STER	-12,834	-7,9104	-10,4215	-38,7712	-73,039
23	23	17	STER	-4,729	-7,2203	-3,126	-37,252	-77,483
23	23	15	STER	-5,9122	-6,3383	-4,4277	-32,9744	-76,818
23	23	40	SSOVR	-6,8641	-0,8066	-6,7755	-14,2034	-83,728
23	23	41	SSOVR	-6,594	-1,7528	-6,2939	-16,8301	-80,283
23	23	17	SSOVR	-3,1281	-1,5772	-2,9545	-17,4592	-83,72
23	23	15	SSOVR	-3,1996	-0,631	-3,1655	-14,8868	-86,91
23	23	40	INERZIA	-4,2763	-0,5025	-4,2211	-8,8487	-83,728
23	23	41	INERZIA	-4,1081	-1,092	-3,9211	-10,4851	-80,283
23	23	17	INERZIA	-1,9488	-0,9826	-1,8407	-10,8771	-83,72
23	23	15	INERZIA	-1,9933	-0,3931	-1,9721	-9,2745	-86,91
23	23	40	INCRSIS	-40,306	-4,7364	-39,7855	-83,4025	-83,728
23	23	41	INCRSIS	-38,7202	-10,2926	-36,9577	-98,8263	-80,283
23	23	17	INCRSIS	-18,3681	-9,2615	-17,3488	-102,5201	-83,72

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
23	23	15	INCRSIS	-18,7878	-3,7053	-18,5878	-87,4155	-86,91
24	24	41	PP	0	0	0	0	0
24	24	42	PP	0	0	0	0	0
24	24	19	PP	0	0	0	0	0
24	24	17	PP	0	0	0	0	0
24	24	41	STER	-12,8372	-8,3399	-10,1817	-39,0302	-72,338
24	24	42	STER	-8,4249	-8,1359	-5,701	-32,7265	-71,49
24	24	19	STER	-1,7919	-7,5471	0,2767	-29,3271	-74,672
24	24	17	STER	-4,7065	-7,7511	-2,8674	-37,3756	-76,653
24	24	41	SSOVR	-6,5943	-2,6326	-5,94	-17,1858	-76,042
24	24	42	SSOVR	-4,9448	-3,2673	-3,7989	-14,2612	-70,674
24	24	19	SSOVR	-1,9699	-3,0958	-1,1647	-13,8713	-75,419
24	24	17	SSOVR	-3,1209	-2,461	-2,7045	-17,6661	-80,397
24	24	41	INERZIA	-4,1083	-1,6401	-3,7006	-10,7067	-76,042
24	24	42	INERZIA	-3,0806	-2,0355	-2,3667	-8,8847	-70,674
24	24	19	INERZIA	-1,2273	-1,9287	-0,7256	-8,6418	-75,419
24	24	17	INERZIA	-1,9443	-1,5332	-1,6849	-11,006	-80,397
24	24	41	INCRSIS	-38,722	-15,4584	-34,8797	-100,9149	-76,042
24	24	42	INCRSIS	-29,0356	-19,1855	-22,3072	-83,7419	-70,674
24	24	19	INCRSIS	-11,5674	-18,1784	-6,8389	-81,4525	-75,419
24	24	17	INCRSIS	-18,326	-14,4513	-15,8808	-103,7355	-80,397
25	25	42	PP	0	0	0	0	0
25	25	43	PP	0	0	0	0	0
25	25	21	PP	0	0	0	0	0
25	25	19	PP	0	0	0	0	0
25	25	42	STER	-8,5213	-7,1122	-6,4194	-32,5869	-73,536
25	25	43	STER	-1,0914	-5,9126	2,5762	-10,6233	-58,189
25	25	21	STER	7,3025	9,9336	9,0683	-6,4821	-70,307
25	25	19	STER	-1,5292	-6,1332	-0,0752	-27,3995	-76,663
25	25	42	SSOVR	-4,9957	-3,6018	-3,6597	-14,7061	-69,649
25	25	43	SSOVR	-1,5408	-3,8845	2,432	-5,339	-44,356
25	25	21	SSOVR	2,667	-3,4249	4,5294	-3,6312	-61,463
25	25	19	SSOVR	-1,8297	-3,1422	-0,9637	-13,2311	-74,592
25	25	42	INERZIA	-3,1123	-2,2439	-2,28	-9,1619	-69,649
25	25	43	INERZIA	-0,9599	-2,42	1,5151	-3,3262	-44,356
25	25	21	INERZIA	1,6615	-2,1337	2,8218	-2,2622	-61,463
25	25	19	INERZIA	-1,1399	-1,9576	-0,6004	-8,243	-74,592
25	25	42	INCRSIS	-29,3348	-21,1497	-21,4899	-86,3542	-69,649
25	25	43	INCRSIS	-9,0477	-22,8097	14,2806	-31,3503	-44,356
25	25	21	INCRSIS	15,6605	-20,111	26,5967	-21,3223	-61,463
25	25	19	INCRSIS	-10,7442	-18,451	-5,6591	-77,6929	-74,592
26	26	43	PP	0	0	0	0	0
26	26	44	PP	0	0	0	0	0
26	26	23	PP	0	0	0	0	0
26	26	21	PP	0	0	0	0	0
26	26	43	STER	-0,9792	-5,0246	2,021	-9,3945	-59,159
26	26	44	STER	-6,2068	2,9365	20,0643	-6,535	6,378
26	26	23	STER	43,2259	4,9025	61,0686	41,8789	15,363
26	26	21	STER	6,9983	-3,0587	7,6709	-6,9103	-77,597
26	26	43	SSOVR	-1,4807	-4,3678	3,0996	-5,6459	-43,64
26	26	44	SSOVR	-4,6115	-0,9242	11,8113	-4,6635	-3,221
26	26	23	SSOVR	22,0222	0,1612	31,7999	22,0196	0,944
26	26	21	SSOVR	2,5042	-3,2825	4,1134	-4,1917	-63,885
26	26	43	INERZIA	-0,9225	-2,7212	1,9311	-3,5174	-43,64
26	26	44	INERZIA	-2,873	-0,5758	7,3585	-2,9054	-3,221
26	26	23	INERZIA	13,7198	0,1004	19,8113	13,7182	0,944
26	26	21	INERZIA	1,5601	-2,045	2,5626	-2,6114	-63,885
26	26	43	INCRSIS	-8,6947	-25,648	18,201	-33,1528	-43,64
26	26	44	INCRSIS	-27,0788	-5,4267	69,3561	-27,3842	-3,221
26	26	23	INCRSIS	129,3145	0,9465	186,7291	129,2989	0,944
26	26	21	INCRSIS	14,7047	-19,2748	24,1537	-24,6136	-63,885
27	27	44	PP	0	0	0	0	0
27	27	45	PP	0	0	0	0	0
27	27	25	PP	0	0	0	0	0
27	27	23	PP	0	0	0	0	0
27	27	44	STER	-6,2065	18,8783	29,671	-16,14	27,753
27	27	45	STER	2,4723	26,9308	33,4833	-20,9151	40,972
27	27	25	STER	8,1041	24,651	33,7735	-15,5689	43,841

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
27	27	23	STER	43,2286	16,5985	70,019	32,9446	31,781
27	27	44	SSOVR	-4,6113	6,792	14,2113	-7,0621	19,842
27	27	45	SSOVR	0,0106	10,3209	12,9238	-8,2384	38,633
27	27	25	SSOVR	3,0896	9,1975	12,3815	-6,0144	44,707
27	27	23	SSOVR	22,0237	5,6686	34,4008	19,4275	24,607
27	27	44	INERZIA	-2,8728	4,2314	8,8536	-4,3997	19,842
27	27	45	INERZIA	0,0066	6,4299	8,0515	-5,1325	38,633
27	27	25	INERZIA	1,9248	5,73	7,7137	-3,747	44,707
27	27	23	INERZIA	13,7208	3,5315	21,4317	12,1033	24,607
27	27	44	INCRSIS	-27,0775	39,8827	83,4487	-41,4689	19,842
27	27	45	INCRSIS	0,062	60,6043	75,8887	-48,3758	38,633
27	27	25	INCRSIS	18,1419	54,0076	72,7043	-35,3166	44,707
27	27	23	INCRSIS	129,3231	33,286	202,0013	114,0784	24,607
28	28	45	PP	0	0	0	0	0
28	28	46	PP	0	0	0	0	0
28	28	27	PP	0	0	0	0	0
28	28	25	PP	0	0	0	0	0
28	28	45	STER	2,3504	28,0103	34,1549	-22,3183	41,37
28	28	46	STER	-1,811	29,3937	30,2551	-28,755	42,51
28	28	27	STER	0,5223	28,2026	31,907	-24,8208	41,943
28	28	25	STER	8,4424	26,8192	36,9886	-16,7542	43,213
28	28	45	SSOVR	-0,0546	9,9963	12,3832	-8,0887	38,789
28	28	46	SSOVR	-1,929	9,958	8,2874	-11,6353	44,266
28	28	27	SSOVR	-0,6533	9,5059	8,9601	-10,0529	44,678
28	28	25	SSOVR	3,2706	9,5442	13,2818	-5,8283	43,632
28	28	45	INERZIA	-0,034	6,2277	7,7147	-5,0392	38,789
28	28	46	INERZIA	-1,2018	6,2039	5,163	-7,2488	44,266
28	28	27	INERZIA	-0,407	5,9222	5,5822	-6,263	44,678
28	28	25	INERZIA	2,0376	5,946	8,2746	-3,631	43,632
28	28	45	INCRSIS	-0,3206	58,6982	72,7141	-47,4966	38,789
28	28	46	INCRSIS	-11,3273	58,4737	48,6633	-68,3223	44,266
28	28	27	INCRSIS	-3,8361	55,8188	52,6139	-59,0309	44,678
28	28	25	INCRSIS	19,2052	56,0434	77,9909	-34,2237	43,632
29	29	46	PP	0	0	0	0	0
29	29	47	PP	0	0	0	0	0
29	29	29	PP	0	0	0	0	0
29	29	27	PP	0	0	0	0	0
29	29	46	STER	-1,6533	29,963	31,3238	-28,8777	42,258
29	29	47	STER	-1,8611	29,1606	32,462	-26,6358	40,351
29	29	29	STER	-3,5727	28,5988	29,3908	-28,3846	40,945
29	29	27	STER	0,2078	29,4011	32,0977	-26,8988	42,675
29	29	46	SSOVR	-1,8597	9,7662	8,3083	-11,24	43,845
29	29	47	SSOVR	-1,2932	9,2031	8,9783	-9,5389	41,86
29	29	29	SSOVR	-1,6411	9,1109	8,026	-10,2279	43,304
29	29	27	SSOVR	-0,8083	9,6741	8,6647	-10,6877	45,602
29	29	46	INERZIA	-1,1586	6,0843	5,1761	-7,0025	43,845
29	29	47	INERZIA	-0,8057	5,7335	5,5935	-5,9428	41,86
29	29	29	INERZIA	-1,0224	5,6761	5,0002	-6,372	43,304
29	29	27	INERZIA	-0,5036	6,027	5,3981	-6,6585	45,602
29	29	46	INCRSIS	-10,92	57,3472	48,7864	-66,0012	43,845
29	29	47	INCRSIS	-7,5937	54,0403	52,7207	-56,0126	41,86
29	29	29	INCRSIS	-9,6364	53,4994	47,1285	-60,0582	43,304
29	29	27	INCRSIS	-4,7465	56,8063	50,8792	-62,7584	45,602
30	30	47	PP	0	0	0	0	0
30	30	48	PP	0	0	0	0	0
30	30	31	PP	0	0	0	0	0
30	30	29	PP	0	0	0	0	0
30	30	47	STER	-1,8696	24,1882	27,5392	-21,764	39,437
30	30	48	STER	2,7117	10,1445	19,6385	-3,3681	30,935
30	30	31	STER	-3,7735	11,0072	2,0254	-24,6666	62,218
30	30	29	STER	-3,8926	25,0509	24,8288	-25,7421	41,095
30	30	47	SSOVR	-1,3032	7,446	7,2016	-7,8223	41,202
30	30	48	SSOVR	1,703	3,0602	9,6876	0,5301	20,97
30	30	31	SSOVR	-0,2591	3,3849	2,6469	-4,2017	49,353
30	30	29	SSOVR	-1,7366	7,7707	6,391	-9,1662	43,714
30	30	47	INERZIA	-0,8119	4,6389	4,4866	-4,8733	41,202
30	30	48	INERZIA	1,0609	1,9065	6,0354	0,3303	20,97
30	30	31	INERZIA	-0,1614	2,1088	1,649	-2,6177	49,353

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
30	30	29	INERZIA	-1,0819	4,8412	3,9816	-5,7105	43,714
30	30	47	INCRSIS	-7,6526	43,7231	42,2877	-45,9325	41,202
30	30	48	INCRSIS	9,9997	17,9693	56,8855	3,1129	20,97
30	30	31	INCRSIS	-1,5216	19,8759	15,5426	-24,6723	49,353
30	30	29	INCRSIS	-10,1974	45,6297	37,5277	-53,8237	43,714
34	34	51	PP	0	0	0	0	0
34	34	52	PP	0	0	0	0	0
34	34	37	PP	0	0	0	0	0
34	34	36	PP	0	0	0	0	0
34	34	51	STER	-40,0151	-7,0488	2,1807	-41,1926	-9,484
34	34	52	STER	-41,0016	-8,6704	-0,5089	-42,8581	-12,086
34	34	37	STER	-17,8586	-8,1168	2,9357	-21,0269	-21,323
34	34	36	STER	-20,8735	-6,4952	1,4347	-22,7646	-16,233
34	34	51	SSOVR	-15,3423	-3,0365	0,8591	-15,9115	-10,615
34	34	52	SSOVR	-16,2163	-3,4927	0,5867	-16,9423	-11,742
34	34	37	SSOVR	-6,5624	-3,4003	2,7907	-7,7986	-19,979
34	34	36	SSOVR	-8,1499	-2,9441	0,7497	-9,1238	-18,305
34	34	51	INERZIA	-9,5583	-1,8918	0,5352	-9,9128	-10,615
34	34	52	INERZIA	-10,1028	-2,1759	0,3655	-10,5551	-11,742
34	34	37	INERZIA	-4,0884	-2,1184	1,7386	-4,8585	-19,979
34	34	36	INERZIA	-5,0774	-1,8342	0,4671	-5,6842	-18,305
34	34	51	INCRSIS	-90,0902	-17,8305	5,0445	-93,4321	-10,615
34	34	52	INCRSIS	-95,2223	-20,5091	3,4449	-99,4853	-11,742
34	34	37	INCRSIS	-38,5344	-19,9664	16,3867	-45,7931	-19,979
34	34	36	INCRSIS	-47,8563	-17,2878	4,4025	-53,5752	-18,305
35	35	52	PP	0	0	0	0	0
35	35	53	PP	0	0	0	0	0
35	35	38	PP	0	0	0	0	0
35	35	37	PP	0	0	0	0	0
35	35	52	STER	-40,9256	-9,2671	0,1071	-43,0186	-12,727
35	35	53	STER	-39,8874	-8,7413	-5,4509	-42,1062	-14,243
35	35	38	STER	-19,3113	-8,6789	-5,1939	-22,3851	-19,503
35	35	37	STER	-17,8204	-9,2048	3,8652	-21,7276	-23
35	35	52	SSOVR	-16,1868	-3,2017	0,6182	-16,7968	-10,787
35	35	53	SSOVR	-15,9402	-2,2241	-1,594	-16,285	-8,812
35	35	38	SSOVR	-8,1613	-2,6519	5,8879	-8,6619	-10,689
35	35	37	SSOVR	-6,5247	-3,6296	3,1101	-7,892	-20,642
35	35	52	INERZIA	-10,0844	-1,9947	0,3852	-10,4644	-10,787
35	35	53	INERZIA	-9,9307	-1,3856	-0,993	-10,1456	-8,812
35	35	38	INERZIA	-5,0845	-1,6522	3,6682	-5,3964	-10,689
35	35	37	INERZIA	-4,0649	-2,2612	1,9376	-4,9167	-20,642
35	35	52	INCRSIS	-95,0489	-18,8003	3,6303	-98,6308	-10,787
35	35	53	INCRSIS	-93,6009	-13,0597	-9,3598	-95,6255	-8,812
35	35	38	INCRSIS	-47,9234	-15,5722	34,5738	-50,8628	-10,689
35	35	37	INCRSIS	-38,3132	-21,3128	18,2626	-46,342	-20,642
36	36	53	PP	0	0	0	0	0
36	36	54	PP	0	0	0	0	0
36	36	39	PP	0	0	0	0	0
36	36	38	PP	0	0	0	0	0
36	36	53	STER	-39,8989	-8,6253	-5,561	-42,0655	-14,1
36	36	54	STER	-37,8161	-7,8796	-15,521	-40,6009	-19,465
36	36	39	STER	-15,1702	-4,9565	-10,2586	-20,1719	-45,261
36	36	38	STER	-19,3104	-5,7022	3,547	-20,7329	-14,008
36	36	53	SSOVR	-15,9436	-1,486	-1,7997	-16,0997	-5,998
36	36	54	SSOVR	-15,2679	-0,5014	-6,4831	-15,2966	-3,267
36	36	39	SSOVR	-5,9133	0,9522	-4,2661	-6,4637	30,032
36	36	38	SSOVR	-8,1611	-0,0323	5,3884	-8,1612	-0,137
36	36	53	INERZIA	-9,9329	-0,9258	-1,1212	-10,0301	-5,998
36	36	54	INERZIA	-9,5119	-0,3124	-4,039	-9,5298	-3,267
36	36	39	INERZIA	-3,684	0,5932	-2,6578	-4,0269	30,032
36	36	38	INERZIA	-5,0844	-0,0202	3,357	-5,0844	-0,137
36	36	53	INCRSIS	-93,6209	-8,7256	-10,568	-94,5377	-5,998
36	36	54	INCRSIS	-89,6534	-2,9443	-38,0688	-89,8215	-3,267
36	36	39	INCRSIS	-34,7227	5,5913	-25,0505	-37,9549	30,032
36	36	38	INCRSIS	-47,9222	-0,1899	31,6408	-47,9226	-0,137
37	37	54	PP	0	0	0	0	0
37	37	55	PP	0	0	0	0	0
37	37	40	PP	0	0	0	0	0





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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
37	37	39	PP	0	0	0	0	0
37	37	54	STER	-37,8362	-7,9933	-15,5407	-40,7019	-19,723
37	37	55	STER	-33,3684	-9,0142	-23,6791	-41,7545	-42,933
37	37	40	STER	-15,034	-6,7612	-12,6367	-34,1027	-70,477
37	37	39	STER	-15,2314	-5,7403	-9,6561	-21,1415	-45,835
37	37	54	SSOVR	-15,2821	-0,2091	-6,5772	-15,2871	-1,376
37	37	55	SSOVR	-13,3631	-0,8182	-12,2861	-13,9847	-37,225
37	37	40	SSOVR	-6,8934	0,0505	-6,893	-14,2807	89,608
37	37	39	SSOVR	-5,9552	0,6596	-4,6838	-6,2974	27,421
37	37	54	INERZIA	-9,5207	-0,1303	-4,0976	-9,5238	-1,376
37	37	55	INERZIA	-8,3252	-0,5097	-7,6542	-8,7124	-37,225
37	37	40	INERZIA	-4,2946	0,0315	-4,2944	-8,8968	89,608
37	37	39	INERZIA	-3,7101	0,4109	-2,918	-3,9233	27,421
37	37	54	INCRSIS	-89,7362	-1,228	-38,6214	-89,7657	-1,376
37	37	55	INCRSIS	-78,4678	-4,8045	-72,1439	-82,1179	-37,225
37	37	40	INCRSIS	-40,478	0,2966	-40,476	-83,856	89,608
37	37	39	INCRSIS	-34,9687	3,8731	-27,5035	-36,9782	27,421
38	38	55	PP	0	0	0	0	0
38	38	56	PP	0	0	0	0	0
38	38	41	PP	0	0	0	0	0
38	38	40	PP	0	0	0	0	0
38	38	55	STER	-33,3802	-9,9055	-22,8267	-42,6774	-43,186
38	38	56	STER	-29,8076	-10,6728	-22,7996	-46,0618	-56,71
38	38	41	STER	-12,8852	-8,9679	-9,8523	-39,4018	-71,315
38	38	40	STER	-14,9921	-8,2006	-11,6102	-34,8774	-67,589
38	38	55	SSOVR	-13,3694	-1,5852	-11,5548	-14,7541	-41,138
38	38	56	SSOVR	-12,3305	-2,5098	-10,9781	-16,9883	-61,682
38	38	41	SSOVR	-6,622	-2,022	-6,2255	-16,9321	-78,904
38	38	40	SSOVR	-6,8601	-1,0973	-6,6978	-14,2763	-81,584
38	38	55	INERZIA	-8,3291	-0,9875	-7,1986	-9,1918	-41,138
38	38	56	INERZIA	-7,6819	-1,5636	-6,8394	-10,5837	-61,682
38	38	41	INERZIA	-4,1255	-1,2597	-3,8785	-10,5487	-78,904
38	38	40	INERZIA	-4,2739	-0,6836	-4,1727	-8,8942	-81,584
38	38	55	INCRSIS	-78,5051	-9,308	-67,8496	-86,636	-41,138
38	38	56	INCRSIS	-72,4049	-14,7378	-64,4634	-99,7552	-61,682
38	38	41	INCRSIS	-38,8846	-11,8732	-36,5561	-99,4252	-78,904
38	38	40	INCRSIS	-40,2827	-6,4434	-39,3293	-83,8306	-81,584
39	39	56	PP	0	0	0	0	0
39	39	57	PP	0	0	0	0	0
39	39	42	PP	0	0	0	0	0
39	39	41	PP	0	0	0	0	0
39	39	56	STER	-29,8138	-10,7108	-22,7783	-46,12	-56,701
39	39	57	STER	-26,4328	-10,3678	-19,7883	-42,6103	-57,345
39	39	42	STER	-8,4198	-9,1062	-5,091	-33,3305	-69,92
39	39	41	STER	-12,8884	-9,4493	-9,5598	-39,7135	-70,595
39	39	56	SSOVR	-12,332	-3,2266	-10,3611	-17,6143	-58,582
39	39	57	SSOVR	-11,5147	-3,8606	-8,4709	-16,4112	-51,746
39	39	42	SSOVR	-4,9366	-3,5715	-3,5963	-14,454	-69,431
39	39	41	SSOVR	-6,6223	-2,9375	-5,8174	-17,342	-74,676
39	39	56	INERZIA	-7,6829	-2,0101	-6,455	-10,9737	-58,582
39	39	57	INERZIA	-7,1737	-2,4051	-5,2774	-10,2242	-51,746
39	39	42	INERZIA	-3,0755	-2,225	-2,2405	-9,0048	-69,431
39	39	41	INERZIA	-4,1257	-1,8301	-3,6242	-10,8041	-74,676
39	39	56	INCRSIS	-72,4137	-18,9463	-60,8407	-103,4309	-58,582
39	39	57	INCRSIS	-67,6145	-22,6693	-49,741	-96,3664	-51,746
39	39	42	INCRSIS	-28,9877	-20,9719	-21,1178	-84,8738	-69,431
39	39	41	INCRSIS	-38,8864	-17,2489	-34,1597	-101,8322	-74,676
40	40	57	PP	0	0	0	0	0
40	40	58	PP	0	0	0	0	0
40	40	43	PP	0	0	0	0	0
40	40	42	PP	0	0	0	0	0
40	40	57	STER	-26,4193	-8,7174	-21,2364	-41,0815	-59,266
40	40	58	STER	-25,3701	-6,0002	-18,2188	-30,4044	-39,997
40	40	43	STER	-1,764	-5,8743	2,0227	-10,8768	-57,193
40	40	42	STER	-8,5162	-8,5915	-5,5552	-33,445	-70,984
40	40	57	SSOVR	-11,5064	-3,9706	-8,3425	-16,4893	-51,451
40	40	58	SSOVR	-11,9491	-3,5468	-5,0432	-13,7707	-27,185
40	40	43	SSOVR	-1,8964	-3,7652	2,1054	-5,439	-43,256



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
40	40	42	SSOVR	-4,9875	-4,189	-3,2529	-15,1032	-67,505
40	40	57	INERZIA	-7,1685	-2,4737	-5,1974	-10,2729	-51,451
40	40	58	INERZIA	-7,4443	-2,2097	-3,1419	-8,5792	-27,185
40	40	43	INERZIA	-1,1814	-2,3457	1,3117	-3,3885	-43,256
40	40	42	INERZIA	-3,1072	-2,6097	-2,0265	-9,4093	-67,505
40	40	57	INCRSIS	-67,5653	-23,3152	-48,9871	-96,8254	-51,451
40	40	58	INCRSIS	-70,1651	-20,827	-29,6137	-80,8618	-27,185
40	40	43	INCRSIS	-11,1354	-22,1095	12,363	-31,938	-43,256
40	40	42	INCRSIS	-29,2868	-24,5977	-19,1007	-88,6858	-67,505
41	41	58	PP	0	0	0	0	0
41	41	59	PP	0	0	0	0	0
41	41	44	PP	0	0	0	0	0
41	41	43	PP	0	0	0	0	0
41	41	58	STER	-25,3321	-0,4733	-22,9682	-25,4269	-11,321
41	41	59	STER	-21,8443	6,7393	-9,1321	-25,417	27,93
41	41	44	STER	-4,7737	5,0035	20,9943	-5,7452	10,989
41	41	43	STER	-1,6517	-2,209	-0,8	-7,3807	-68,914
41	41	58	SSOVR	-11,9283	-1,6726	-6,2669	-12,4225	-16,459
41	41	59	SSOVR	-10,8325	1,24	-2,3005	-11,0127	8,269
41	41	44	SSOVR	-3,8259	0,1612	11,9181	-3,8276	0,587
41	41	43	SSOVR	-1,8362	-2,7514	1,287	-4,26	-41,377
41	41	58	INERZIA	-7,4314	-1,042	-3,9043	-7,7392	-16,459
41	41	59	INERZIA	-6,7486	0,7725	-1,4332	-6,8609	8,269
41	41	44	INERZIA	-2,3836	0,1005	7,425	-2,3846	0,587
41	41	43	INERZIA	-1,144	-1,7141	0,8018	-2,654	-41,377
41	41	58	INCRSIS	-70,0433	-9,8214	-36,7994	-72,9449	-16,459
41	41	59	INCRSIS	-63,6082	7,2813	-13,5084	-64,6664	8,269
41	41	44	INCRSIS	-22,4658	0,9468	69,983	-22,4755	0,587
41	41	43	INCRSIS	-10,7824	-16,156	7,5575	-25,0145	-41,377
42	42	59	PP	0	0	0	0	0
42	42	60	PP	0	0	0	0	0
42	42	45	PP	0	0	0	0	0
42	42	44	PP	0	0	0	0	0
42	42	59	STER	-21,8441	13,6532	-2,8761	-31,6718	35,747
42	42	60	STER	-17,0425	20,924	10,1587	-33,1379	37,569
42	42	45	STER	1,8033	23,902	30,1303	-18,3649	40,157
42	42	44	STER	-4,7734	16,6312	28,3697	-13,119	26,648
42	42	59	SSOVR	-10,8322	3,9056	-0,938	-12,3739	21,541
42	42	60	SSOVR	-8,9012	6,8811	2,93	-12,9032	30,183
42	42	45	SSOVR	-0,338	8,5138	10,9989	-6,7317	36,906
42	42	44	SSOVR	-3,8257	5,5383	13,6707	-5,5788	17,565
42	42	59	INERZIA	-6,7485	2,4332	-0,5843	-7,7089	21,541
42	42	60	INERZIA	-5,5454	4,2869	1,8254	-8,0387	30,183
42	42	45	INERZIA	-0,2106	5,3041	6,8523	-4,1939	36,906
42	42	44	INERZIA	-2,3834	3,4504	8,5168	-3,4756	17,565
42	42	59	INCRSIS	-63,6069	22,9335	-5,5077	-72,6594	21,541
42	42	60	INCRSIS	-52,2676	40,4057	17,2051	-75,7678	30,183
42	42	45	INCRSIS	-1,9848	49,9932	64,5856	-39,5288	36,906
42	42	44	INCRSIS	-22,4645	32,5209	80,2741	-32,7587	17,565
43	43	60	PP	0	0	0	0	0
43	43	61	PP	0	0	0	0	0
43	43	46	PP	0	0	0	0	0
43	43	45	PP	0	0	0	0	0
43	43	60	STER	-17,0759	26,6993	15,6673	-38,8469	39,194
43	43	61	STER	-7,4463	29,485	26,8716	-32,7789	40,668
43	43	46	STER	-1,7147	30,622	31,5336	-29,9179	42,645
43	43	45	STER	1,6814	27,8364	33,6163	-22,5825	41,077
43	43	60	SSOVR	-8,9199	8,9263	4,689	-14,7749	33,262
43	43	61	SSOVR	-4,4096	9,5384	7,0516	-12,3478	39,768
43	43	46	SSOVR	-1,8853	10,3293	8,6843	-11,9797	44,341
43	43	45	SSOVR	-0,4032	9,7172	11,9334	-8,0572	38,227
43	43	60	INERZIA	-5,5571	5,5611	2,9213	-9,2047	33,262
43	43	61	INERZIA	-2,7472	5,9424	4,3932	-7,6927	39,768
43	43	46	INERZIA	-1,1745	6,4352	5,4103	-7,4634	44,341
43	43	45	INERZIA	-0,2512	6,0538	7,4345	-5,0196	38,227
43	43	60	INCRSIS	-52,3778	52,4155	27,534	-86,758	33,262
43	43	61	INCRSIS	-25,8934	56,0096	41,4071	-72,5063	39,768
43	43	46	INCRSIS	-11,0703	60,6536	50,9944	-70,345	44,341

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
43	43	45	INCRSIS	-2,3674	57,0596	70,0731	-47,3117	38,227
44	44	61	PP	0	0	0	0	0
44	44	62	PP	0	0	0	0	0
44	44	47	PP	0	0	0	0	0
44	44	46	PP	0	0	0	0	0
44	44	61	STER	-7,4604	30,1012	27,4347	-33,4263	40,782
44	44	62	STER	1,0769	27,9145	39,6432	-19,1278	35,897
44	44	47	STER	-1,9441	28,6545	31,9183	-26,1917	40,238
44	44	46	STER	-1,557	30,8412	32,2523	-29,6907	42,371
44	44	61	SSOVR	-4,418	9,3374	6,8259	-12,1722	39,708
44	44	62	SSOVR	-0,5462	8,3152	10,8341	-6,6218	36,154
44	44	47	SSOVR	-1,3361	8,8649	8,6185	-9,2306	41,686
44	44	46	SSOVR	-1,8159	9,8871	8,4547	-11,3339	43,91
44	44	61	INERZIA	-2,7524	5,8172	4,2526	-7,5833	39,708
44	44	62	INERZIA	-0,3403	5,1804	6,7497	-4,1254	36,154
44	44	47	INERZIA	-0,8324	5,5228	5,3693	-5,7506	41,686
44	44	46	INERZIA	-1,1313	6,1597	5,2673	-7,061	43,91
44	44	61	INCRSIS	-25,9424	54,8294	40,0819	-71,475	39,708
44	44	62	INCRSIS	-3,207	48,8268	63,6179	-38,8832	36,154
44	44	47	INCRSIS	-7,8454	52,0547	50,608	-54,2019	41,686
44	44	46	INCRSIS	-10,663	58,0573	49,6461	-66,5525	43,91
45	45	62	PP	0	0	0	0	0
45	45	63	PP	0	0	0	0	0
45	45	48	PP	0	0	0	0	0
45	45	47	PP	0	0	0	0	0
45	45	62	STER	1,0458	21,6629	33,6681	-13,3395	33,586
45	45	63	STER	11,3152	8,5422	58,1347	9,7567	10,34
45	45	48	STER	2,7117	9,6314	19,1886	-2,9182	30,308
45	45	47	STER	-1,9526	22,752	26,0887	-20,4131	39,055
45	45	62	SSOVR	-0,5591	6,2804	8,8749	-4,7401	33,653
45	45	63	SSOVR	4,1554	2,362	21,1062	3,8263	7,933
45	45	48	SSOVR	1,703	2,8779	9,5678	0,6499	20,098
45	45	47	SSOVR	-1,3461	6,7962	6,5348	-7,207	40,773
45	45	62	INERZIA	-0,3483	3,9127	5,5291	-2,9531	33,653
45	45	63	INERZIA	2,5888	1,4715	13,1492	2,3838	7,933
45	45	48	INERZIA	1,0609	1,7929	5,9608	0,4049	20,098
45	45	47	INERZIA	-0,8386	4,2341	4,0712	-4,4899	40,773
45	45	62	INCRSIS	-3,2829	36,8784	52,1134	-27,8336	33,653
45	45	63	INCRSIS	24,4006	13,8698	123,9356	22,4679	7,933
45	45	48	INCRSIS	9,9997	16,8988	56,1822	3,8162	20,098
45	45	47	INCRSIS	-7,9042	39,9075	38,3724	-42,3192	40,773
48	48	65	PP	0	0	0	0	0
48	48	66	PP	0	0	0	0	0
48	48	52	PP	0	0	0	0	0
48	48	51	PP	0	0	0	0	0
48	48	65	STER	-49,9461	-7,2427	-2,8381	-51,0596	-8,741
48	48	66	STER	-51,6005	-7,7113	1,8451	-52,7131	-8,21
48	48	52	STER	-40,5879	-8,1429	-0,6236	-42,2471	-11,517
48	48	51	STER	-40,4682	-7,6744	2,29	-41,8456	-10,175
48	48	65	SSOVR	-17,94	-2,9524	-0,6508	-18,4442	-9,691
48	48	66	SSOVR	-18,302	-2,8226	0,1771	-18,7331	-8,685
48	48	52	SSOVR	-15,992	-3,0181	0,4592	-16,5457	-10,396
48	48	51	SSOVR	-15,5265	-3,1479	0,8579	-16,1312	-10,875
48	48	65	INERZIA	-11,1766	-1,8393	-0,4054	-11,4907	-9,691
48	48	66	INERZIA	-11,4021	-1,7585	0,1103	-11,6707	-8,685
48	48	52	INERZIA	-9,963	-1,8803	0,2861	-10,308	-10,396
48	48	51	INERZIA	-9,673	-1,9611	0,5345	-10,0498	-10,875
48	48	65	INCRSIS	-105,3436	-17,3365	-3,8214	-108,3041	-9,691
48	48	66	INCRSIS	-107,4692	-16,5744	1,0398	-110,0008	-8,685
48	48	52	INCRSIS	-93,9052	-17,7221	2,6965	-97,1564	-10,396
48	48	51	INCRSIS	-91,1714	-18,4842	5,0377	-94,7227	-10,875
49	49	66	PP	0	0	0	0	0
49	49	67	PP	0	0	0	0	0
49	49	53	PP	0	0	0	0	0
49	49	52	PP	0	0	0	0	0
49	49	66	STER	-51,6888	-9,7233	2,0503	-53,4481	-10,256
49	49	67	STER	-52,4719	-10,8396	-5,7392	-54,9861	-13,059
49	49	53	STER	-40,2674	-10,2609	-4,779	-43,2342	-16,126

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
49	49	52	STER	-40,512	-9,1447	0,1533	-42,5684	-12,674
49	49	66	SSOVR	-18,3303	-2,966	0,0823	-18,808	-9,151
49	49	67	SSOVR	-18,6927	-2,8059	-2,927	-19,1921	-10,092
49	49	53	SSOVR	-16,2197	-2,7079	-1,4966	-16,7177	-10,422
49	49	52	SSOVR	-15,9625	-2,868	0,5512	-16,4606	-9,852
49	49	66	INERZIA	-11,4197	-1,8478	0,0513	-11,7174	-9,151
49	49	67	INERZIA	-11,6456	-1,7481	-1,8235	-11,9567	-10,092
49	49	53	INERZIA	-10,1049	-1,687	-0,9324	-10,4151	-10,422
49	49	52	INERZIA	-9,9446	-1,7867	0,3434	-10,255	-9,852
49	49	66	INCRSIS	-107,6353	-17,4161	0,4831	-110,4407	-9,151
49	49	67	INCRSIS	-109,7636	-16,4763	-17,1876	-112,696	-10,092
49	49	53	INCRSIS	-95,2419	-15,9009	-8,7881	-98,1664	-10,422
49	49	52	INCRSIS	-93,7319	-16,8406	3,2366	-96,6566	-9,852
50	50	67	PP	0	0	0	0	0
50	50	68	PP	0	0	0	0	0
50	50	54	PP	0	0	0	0	0
50	50	53	PP	0	0	0	0	0
50	50	67	STER	-52,4547	-12,3119	-4,9749	-55,6473	-14,537
50	50	68	STER	-51,427	-12,8731	-15,3119	-56,0156	-19,618
50	50	54	STER	-37,548	-10,8457	-13,3842	-42,416	-24,173
50	50	53	STER	-40,279	-10,2845	-4,8207	-43,2619	-16,175
50	50	67	SSOVR	-18,6847	-2,8756	-2,8638	-19,2074	-10,302
50	50	68	SSOVR	-18,3498	-2,6437	-6,9545	-18,9632	-13,061
50	50	54	SSOVR	-15,0785	-1,85	-6,093	-15,4593	-11,634
50	50	53	SSOVR	-16,2231	-2,0819	-1,713	-16,5218	-8,165
50	50	67	INERZIA	-11,6406	-1,7915	-1,7842	-11,9662	-10,302
50	50	68	INERZIA	-11,4319	-1,647	-4,3327	-11,814	-13,061
50	50	54	INERZIA	-9,3939	-1,1525	-3,7959	-9,6312	-11,634
50	50	53	INERZIA	-10,107	-1,297	-1,0672	-10,2931	-8,165
50	50	67	INCRSIS	-109,7167	-16,8856	-16,8163	-112,7858	-10,302
50	50	68	INCRSIS	-107,7502	-15,5236	-40,8368	-111,3516	-13,061
50	50	54	INCRSIS	-88,5407	-10,863	-35,7778	-90,7772	-11,634
50	50	53	INCRSIS	-95,2619	-12,225	-10,0588	-97,016	-8,165
51	51	68	PP	0	0	0	0	0
51	51	69	PP	0	0	0	0	0
51	51	55	PP	0	0	0	0	0
51	51	54	PP	0	0	0	0	0
51	51	68	STER	-51,4463	-13,6018	-14,9302	-56,5128	-20,43
51	51	69	STER	-49,0471	-14,1057	-25,4417	-57,4762	-30,861
51	51	55	STER	-33,4277	-11,5485	-21,1841	-44,3206	-43,327
51	51	54	STER	-37,5681	-11,0446	-13,3217	-42,5991	-24,49
51	51	68	SSOVR	-18,358	-2,6445	-6,9933	-18,9734	-13,099
51	51	69	SSOVR	-17,428	-2,8147	-11,2045	-18,701	-24,336
51	51	55	SSOVR	-13,4089	-1,7837	-11,3622	-14,9635	-41,074
51	51	54	SSOVR	-15,0926	-1,6135	-6,2499	-15,387	-10,341
51	51	68	INERZIA	-11,437	-1,6475	-4,3568	-11,8204	-13,099
51	51	69	INERZIA	-10,8576	-1,7536	-6,9804	-11,6507	-24,336
51	51	55	INERZIA	-8,3537	-1,1113	-7,0787	-9,3223	-41,074
51	51	54	INERZIA	-9,4027	-1,0052	-3,8937	-9,5861	-10,341
51	51	68	INCRSIS	-107,7982	-15,5284	-41,0648	-111,4116	-13,099
51	51	69	INCRSIS	-102,337	-16,5282	-65,7929	-109,8124	-24,336
51	51	55	INCRSIS	-78,737	-10,4742	-66,7191	-87,8657	-41,074
51	51	54	INCRSIS	-88,6235	-9,4744	-36,6996	-90,3523	-10,341
52	52	69	PP	0	0	0	0	0
52	52	70	PP	0	0	0	0	0
52	52	56	PP	0	0	0	0	0
52	52	55	PP	0	0	0	0	0
52	52	69	STER	-49,0555	-14,3233	-25,2825	-57,6853	-31,069
52	52	70	STER	-46,212	-14,4378	-30,1467	-59,1871	-41,946
52	52	56	STER	-29,815	-12,3822	-21,2191	-47,6511	-55,231
52	52	55	STER	-33,4394	-12,2677	-20,5026	-45,0726	-43,479
52	52	69	SSOVR	-17,4336	-3,0717	-11,0321	-18,9075	-25,633
52	52	70	SSOVR	-16,578	-3,5796	-12,2733	-19,5547	-39,745
52	52	56	SSOVR	-12,3421	-2,9402	-10,6195	-17,3607	-59,636
52	52	55	SSOVR	-13,4152	-2,4323	-10,7385	-15,6254	-42,26
52	52	69	INERZIA	-10,8612	-1,9137	-6,873	-11,7794	-25,633
52	52	70	INERZIA	-10,3281	-2,2301	-7,6462	-12,1826	-39,745
52	52	56	INERZIA	-7,6891	-1,8318	-6,616	-10,8157	-59,636

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
52	52	55	INERZIA	-8,3577	-1,5153	-6,6901	-9,7346	-42,26
52	52	69	INCRSIS	-102,3704	-18,037	-64,7804	-111,0251	-25,633
52	52	70	INCRSIS	-97,3463	-21,0197	-72,0686	-114,8252	-39,745
52	52	56	INCRSIS	-72,4727	-17,2649	-62,3579	-101,9421	-59,636
52	52	55	INCRSIS	-78,7743	-14,2822	-63,0566	-91,7521	-42,26
53	53	70	PP	0	0	0	0	0
53	53	71	PP	0	0	0	0	0
53	53	57	PP	0	0	0	0	0
53	53	56	PP	0	0	0	0	0
53	53	70	STER	-46,2134	-13,6298	-30,9543	-58,3879	-41,772
53	53	71	STER	-43,319	-12,3364	-31,7469	-56,4702	-46,831
53	53	57	STER	-26,5252	-11,0802	-19,2073	-43,3022	-56,557
53	53	56	STER	-29,8211	-12,3737	-21,2412	-47,666	-55,262
53	53	70	SSOVR	-16,5778	-3,7831	-12,072	-19,7542	-40,018
53	53	71	SSOVR	-16,1002	-3,9391	-11,438	-19,4285	-40,195
53	53	57	SSOVR	-11,5714	-3,7907	-8,5781	-16,372	-51,704
53	53	56	SSOVR	-12,3436	-3,6347	-10,0025	-17,9868	-57,215
53	53	70	INERZIA	-10,3279	-2,3569	-7,5209	-12,3068	-40,018
53	53	71	INERZIA	-10,0304	-2,4541	-7,1259	-12,1039	-40,195
53	53	57	INERZIA	-7,209	-2,3616	-5,3442	-10,1997	-51,704
53	53	56	INERZIA	-7,6901	-2,2644	-6,2316	-11,2058	-57,215
53	53	70	INCRSIS	-97,3446	-22,2145	-70,8869	-115,9965	-40,018
53	53	71	INCRSIS	-94,5405	-23,1306	-67,1642	-114,0839	-40,195
53	53	57	INCRSIS	-67,9473	-22,2592	-50,3706	-96,1363	-51,704
53	53	56	INCRSIS	-72,4815	-21,3431	-58,7346	-105,6183	-57,215
54	54	71	PP	0	0	0	0	0
54	54	72	PP	0	0	0	0	0
54	54	58	PP	0	0	0	0	0
54	54	57	PP	0	0	0	0	0
54	54	71	STER	-43,3058	-9,5293	-34,5091	-53,6287	-47,289
54	54	72	STER	-39,4208	-5,5618	-34,0893	-45,2229	-46,211
54	54	58	STER	-24,8365	-5,1339	-18,7885	-29,1944	-40,326
54	54	57	STER	-26,5118	-9,1014	-20,9699	-41,4589	-58,663
54	54	71	SSOVR	-16,0916	-3,4594	-11,8811	-18,9339	-39,407
54	54	72	SSOVR	-15,3947	-2,4673	-10,6397	-16,675	-27,425
54	54	58	SSOVR	-11,6653	-2,737	-5,5775	-12,8959	-24,208
54	54	57	SSOVR	-11,563	-3,7291	-8,6168	-16,283	-51,689
54	54	71	INERZIA	-10,0251	-2,1552	-7,4019	-11,7958	-39,407
54	54	72	INERZIA	-9,5909	-1,5372	-6,6286	-10,3885	-27,425
54	54	58	INERZIA	-7,2675	-1,7052	-3,4748	-8,0341	-24,208
54	54	57	INERZIA	-7,2038	-2,3232	-5,3683	-10,1443	-51,689
54	54	71	INCRSIS	-94,4901	-20,3136	-69,7658	-111,1798	-39,407
54	54	72	INCRSIS	-90,3976	-14,4882	-62,4765	-97,9156	-27,425
54	54	58	INCRSIS	-68,4988	-16,0718	-32,7513	-75,7246	-24,208
54	54	57	INCRSIS	-67,8982	-21,8972	-50,598	-95,6139	-51,689
55	55	72	PP	0	0	0	0	0
55	55	73	PP	0	0	0	0	0
55	55	59	PP	0	0	0	0	0
55	55	58	PP	0	0	0	0	0
55	55	72	STER	-39,4134	-0,777	-38,8261	-40,4413	-52,918
55	55	73	STER	-33,876	4,667	-28,2769	-37,7661	39,812
55	55	59	STER	-22,5811	5,7053	-10,2191	-25,2142	24,774
55	55	58	STER	-24,7985	0,2613	-22,9199	-24,8348	7,917
55	55	72	SSOVR	-15,39	-1,0936	-11,5826	-15,7041	-16,025
55	55	73	SSOVR	-13,781	0,7269	-8,8959	-13,8892	8,464
55	55	59	SSOVR	-11,2352	0,8782	-2,4732	-11,3233	5,723
55	55	58	SSOVR	-11,6446	-0,9424	-6,5307	-11,8182	-10,441
55	55	72	INERZIA	-9,588	-0,6813	-7,216	-9,7837	-16,025
55	55	73	INERZIA	-8,5856	0,4529	-5,5421	-8,6529	8,464
55	55	59	INERZIA	-6,9996	0,5471	-1,5408	-7,0544	5,723
55	55	58	INERZIA	-7,2546	-0,5871	-4,0686	-7,3628	-10,441
55	55	72	INCRSIS	-90,3702	-6,4215	-68,0131	-92,2147	-16,025
55	55	73	INCRSIS	-80,9219	4,2686	-52,2367	-81,5571	8,464
55	55	59	INCRSIS	-65,9734	5,1566	-14,5228	-66,4902	5,723
55	55	58	INCRSIS	-68,377	-5,5336	-38,348	-69,3966	-10,441
56	56	73	PP	0	0	0	0	0
56	56	74	PP	0	0	0	0	0
56	56	60	PP	0	0	0	0	0



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
56	56	59	PP	0	0	0	0	0
56	56	73	STER	-33,8757	9,7121	-23,2711	-42,7705	42,485
56	56	74	STER	-26,1037	15,1991	-8,6973	-39,3754	41,127
56	56	60	STER	-16,5176	17,7701	7,3813	-29,7306	36,633
56	56	59	STER	-22,5809	12,2831	-4,5046	-30,9275	34,197
56	56	73	SSOVR	-13,7805	2,2559	-8,1052	-14,6772	21,677
56	56	74	SSOVR	-11,0896	4,1211	-3,8597	-13,4386	29,683
56	56	60	SSOVR	-8,6218	5,2187	1,6383	-11,2763	26,96
56	56	59	SSOVR	-11,235	3,3535	-1,4149	-12,3802	18,855
56	56	73	INERZIA	-8,5853	1,4054	-5,0495	-9,1439	21,677
56	56	74	INERZIA	-6,9088	2,5674	-2,4046	-8,3723	29,683
56	56	60	INERZIA	-5,3714	3,2513	1,0207	-7,0251	26,96
56	56	59	INERZIA	-6,9994	2,0892	-0,8815	-7,7129	18,855
56	56	73	INCRSIS	-80,9193	13,2466	-47,5936	-86,1847	21,677
56	56	74	INCRSIS	-65,1181	24,199	-22,6641	-78,9117	29,683
56	56	60	INCRSIS	-50,6271	30,6443	9,62	-66,2142	26,96
56	56	59	INCRSIS	-65,9721	19,6919	-8,3085	-72,6968	18,855
57	57	74	PP	0	0	0	0	0
57	57	75	PP	0	0	0	0	0
57	57	61	PP	0	0	0	0	0
57	57	60	PP	0	0	0	0	0
57	57	74	STER	-26,1114	20,1934	-3,7619	-44,3568	42,099
57	57	75	STER	-12,7552	24,0234	16,9938	-32,155	38,922
57	57	61	STER	-7,574	27,2773	24,6229	-30,6834	40,271
57	57	60	STER	-16,551	23,4473	12,7587	-35,3085	38,659
57	57	74	SSOVR	-11,093	5,6117	-2,5426	-14,776	33,277
57	57	75	SSOVR	-5,9941	6,6865	3,4105	-10,7481	35,412
57	57	61	SSOVR	-4,475	8,2732	5,7768	-11,1515	38,903
57	57	60	SSOVR	-8,6406	7,1983	3,2483	-12,9989	31,194
57	57	74	INERZIA	-6,9109	3,4961	-1,5841	-9,2054	33,277
57	57	75	INERZIA	-3,7343	4,1657	2,1247	-6,6961	35,412
57	57	61	INERZIA	-2,788	5,1542	3,5989	-6,9474	38,903
57	57	60	INERZIA	-5,3831	4,4846	2,0237	-8,0983	31,194
57	57	74	INCRSIS	-65,138	32,9517	-14,9303	-86,7645	33,277
57	57	75	INCRSIS	-35,1974	39,2633	20,0264	-63,1131	35,412
57	57	61	INCRSIS	-26,2775	48,5802	33,9214	-65,4815	38,903
57	57	60	INCRSIS	-50,7374	42,2686	19,0742	-76,3296	31,194
58	58	75	PP	0	0	0	0	0
58	58	76	PP	0	0	0	0	0
58	58	62	PP	0	0	0	0	0
58	58	61	PP	0	0	0	0	0
58	58	75	STER	-12,7785	25,5774	18,4358	-33,7369	39,332
58	58	76	STER	2,2294	23,7141	44,2426	-11,1558	29,442
58	58	62	STER	0,9209	26,2632	38,0064	-17,6782	35,305
58	58	61	STER	-7,5881	28,1266	25,4143	-31,5592	40,44
58	58	75	SSOVR	-6,0068	6,9418	3,6061	-11,0197	35,834
58	58	76	SSOVR	-0,2037	6,1666	11,6363	-3,4154	27,512
58	58	62	SSOVR	-0,6004	7,4331	9,973	-5,8258	35,107
58	58	61	SSOVR	-4,4834	8,2083	5,6848	-11,1095	38,912
58	58	75	INERZIA	-3,7422	4,3247	2,2466	-6,8652	35,834
58	58	76	INERZIA	-0,1269	3,8418	7,2494	-2,1278	27,512
58	58	62	INERZIA	-0,374	4,6308	6,2132	-3,6294	35,107
58	58	61	INERZIA	-2,7932	5,1138	3,5416	-6,9212	38,912
58	58	75	INCRSIS	-35,2717	40,7622	21,1753	-64,7074	35,834
58	58	76	INCRSIS	-1,1962	36,21	68,3283	-20,0553	27,512
58	58	62	INCRSIS	-3,5253	43,6469	58,5617	-34,2089	35,107
58	58	61	INCRSIS	-26,3265	48,1991	33,3813	-65,2352	38,912
59	59	76	PP	0	0	0	0	0
59	59	77	PP	0	0	0	0	0
59	59	63	PP	0	0	0	0	0
59	59	62	PP	0	0	0	0	0
59	59	76	STER	2,2023	18,609	39,9063	-6,9823	26,269
59	59	77	STER	18,5379	7,1112	93,3653	17,8621	5,429
59	59	63	STER	11,3152	8,3066	58,0525	9,8389	10,078
59	59	62	STER	0,8897	19,8044	31,8996	-11,7583	32,564
59	59	76	SSOVR	-0,218	4,721	10,4437	-2,3085	23,884
59	59	77	SSOVR	5,9549	1,6562	29,889	5,8403	3,959
59	59	63	SSOVR	4,1554	2,2517	21,0767	3,8558	7,58



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
59	59	62	SSOVR	-0,6133	5,3165	7,9744	-3,9046	31,761
59	59	76	INERZIA	-0,1358	2,9412	6,5065	-1,4382	23,884
59	59	77	INERZIA	3,7099	1,0318	18,6209	3,6385	3,959
59	59	63	INERZIA	2,5888	1,4028	13,1308	2,4021	7,58
59	59	62	INERZIA	-0,3821	3,3122	4,9681	-2,4326	31,761
59	59	76	INCRSIS	-1,28	27,7219	61,3257	-13,5554	23,884
59	59	77	INCRSIS	34,9671	9,7254	175,5083	34,2941	3,959
59	59	63	INCRSIS	24,4006	13,2221	123,7624	22,6411	7,58
59	59	62	INCRSIS	-3,6011	31,2186	46,8259	-22,9281	31,761
61	61	78	PP	0	0	0	0	0
61	61	79	PP	0	0	0	0	0
61	61	66	PP	0	0	0	0	0
61	61	65	PP	0	0	0	0	0
61	61	78	STER	-28,0651	1,0692	17,9285	-28,09	1,332
61	61	79	STER	-52,9831	-4,0983	8,0561	-53,2583	-3,841
61	61	66	STER	-50,4596	-8,8494	2,441	-51,94	-9,497
61	61	65	STER	-51,5964	-3,6818	-3,9969	-51,8812	-4,423
61	61	78	SSOVR	-7,3483	-0,3494	5,2116	-7,358	-1,593
61	61	79	SSOVR	-16,527	-1,4383	1,2061	-16,6437	-4,637
61	61	66	SSOVR	-17,9057	-3,1	0,3516	-18,4321	-9,637
61	61	65	SSOVR	-18,5047	-2,011	-1,0364	-18,7362	-6,567
61	61	78	INERZIA	-4,578	-0,2177	3,2468	-4,584	-1,593
61	61	79	INERZIA	-10,2963	-0,8961	0,7514	-10,369	-4,637
61	61	66	INERZIA	-11,1553	-1,9313	0,219	-11,4832	-9,637
61	61	65	INERZIA	-11,5284	-1,2529	-0,6457	-11,6726	-6,567
61	61	78	INCRSIS	-43,1491	-2,0516	30,6027	-43,2061	-1,593
61	61	79	INCRSIS	-97,0466	-8,446	7,0822	-97,7317	-4,637
61	61	66	INCRSIS	-105,1423	-18,2032	2,0643	-108,2331	-9,637
61	61	65	INCRSIS	-108,6594	-11,8088	-6,0855	-110,0188	-6,567
62	62	79	PP	0	0	0	0	0
62	62	80	PP	0	0	0	0	0
62	62	67	PP	0	0	0	0	0
62	62	66	PP	0	0	0	0	0
62	62	79	STER	-53,0685	-9,8917	8,9322	-54,6466	-9,065
62	62	80	STER	-52,0051	-12,2817	0,9711	-54,8524	-13,052
62	62	67	STER	-52,9467	-11,7166	-5,4576	-55,8375	-13,859
62	62	66	STER	-50,5479	-9,3266	2,1692	-52,198	-10,033
62	62	79	SSOVR	-16,5199	-2,8494	1,5737	-16,9686	-8,949
62	62	80	SSOVR	-16,3216	-3,228	-1,2607	-17,0134	-12,097
62	62	67	SSOVR	-18,8688	-3,1023	-2,8604	-19,47	-10,968
62	62	66	SSOVR	-17,934	-2,7237	0,0952	-18,3455	-8,591
62	62	79	INERZIA	-10,2919	-1,7752	0,9804	-10,5715	-8,949
62	62	80	INERZIA	-10,1683	-2,011	-0,7854	-10,5994	-12,097
62	62	67	INERZIA	-11,7553	-1,9327	-1,7821	-12,1298	-10,968
62	62	66	INERZIA	-11,1729	-1,6969	0,0593	-11,4292	-8,591
62	62	79	INCRSIS	-97,0049	-16,7317	9,2409	-99,6398	-8,949
62	62	80	INCRSIS	-95,8404	-18,9548	-7,4031	-99,903	-12,097
62	62	67	INCRSIS	-110,7976	-18,2167	-16,7965	-114,3278	-10,968
62	62	66	INCRSIS	-105,3084	-15,9935	0,5592	-107,7246	-8,591
63	63	80	PP	0	0	0	0	0
63	63	81	PP	0	0	0	0	0
63	63	68	PP	0	0	0	0	0
63	63	67	PP	0	0	0	0	0
63	63	80	STER	-52,0996	-14,4857	1,5619	-56,0099	-15,107
63	63	81	STER	-55,6335	-15,8774	-12,6868	-61,5034	-20,289
63	63	68	STER	-51,331	-14,9794	-13,8885	-57,3238	-21,805
63	63	67	STER	-52,9296	-13,5876	-4,4539	-56,7381	-15,658
63	63	80	SSOVR	-16,3628	-3,6316	-1,2842	-17,2375	-13,542
63	63	81	SSOVR	-17,3588	-3,7873	-5,9844	-18,6198	-18,416
63	63	68	SSOVR	-18,3261	-3,4448	-6,555	-19,3342	-16,312
63	63	67	SSOVR	-18,8608	-3,2891	-2,7502	-19,5323	-11,539
63	63	80	INERZIA	-10,1941	-2,2625	-0,8001	-10,739	-13,542
63	63	81	INERZIA	-10,8145	-2,3595	-3,7283	-11,6001	-18,416
63	63	68	INERZIA	-11,4172	-2,1461	-4,0837	-12,0452	-16,312
63	63	67	INERZIA	-11,7503	-2,0491	-1,7134	-12,1686	-11,539
63	63	80	INCRSIS	-96,0826	-21,3248	-7,5411	-101,2186	-13,542
63	63	81	INCRSIS	-101,9306	-22,2389	-35,1407	-109,3355	-18,416
63	63	68	INCRSIS	-107,611	-20,2278	-38,4908	-113,5306	-16,312

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
63	63	67	INCRSIS	-110,7507	-19,3137	-16,1491	-114,6937	-11,539
64	64	81	PP	0	0	0	0	0
64	64	82	PP	0	0	0	0	0
64	64	69	PP	0	0	0	0	0
64	64	68	PP	0	0	0	0	0
64	64	81	STER	-55,5919	-17,076	-11,7045	-62,2359	-21,26
64	64	82	STER	-57,2858	-17,7269	-25,0632	-67,0381	-28,817
64	64	69	STER	-48,997	-16,2999	-23,4577	-59,4001	-32,547
64	64	68	STER	-51,3503	-15,649	-13,5065	-57,8214	-22,466
64	64	81	SSOVR	-17,347	-3,9681	-5,8207	-18,7131	-18,997
64	64	82	SSOVR	-17,8045	-4,1138	-9,9156	-19,9497	-27,54
64	64	69	SSOVR	-17,3983	-3,5992	-10,5736	-19,2964	-27,806
64	64	68	SSOVR	-18,3343	-3,4535	-6,5886	-19,3497	-16,384
64	64	81	INERZIA	-10,8072	-2,4721	-3,6263	-11,6582	-18,997
64	64	82	INERZIA	-11,0922	-2,5629	-6,1774	-12,4287	-27,54
64	64	69	INERZIA	-10,8391	-2,2423	-6,5873	-12,0217	-27,806
64	64	68	INERZIA	-11,4223	-2,1515	-4,1047	-12,0548	-16,384
64	64	81	INCRSIS	-101,8617	-23,3005	-34,1792	-109,8831	-18,997
64	64	82	INCRSIS	-104,5483	-24,1561	-58,2241	-117,1447	-27,54
64	64	69	INCRSIS	-102,1628	-21,1343	-62,0879	-113,3084	-27,806
64	64	68	INCRSIS	-107,659	-20,2787	-38,688	-113,6213	-16,384
65	65	82	PP	0	0	0	0	0
65	65	83	PP	0	0	0	0	0
65	65	70	PP	0	0	0	0	0
65	65	69	PP	0	0	0	0	0
65	65	82	STER	-57,2953	-18,0665	-24,8141	-67,3441	-29,083
65	65	83	STER	-56,9188	-17,7732	-33,7556	-70,5563	-37,499
65	65	70	STER	-46,1626	-16,1686	-28,397	-60,8777	-42,305
65	65	69	STER	-49,0054	-16,4618	-23,3426	-59,565	-32,679
65	65	82	SSOVR	-17,8083	-4,2576	-9,8123	-20,0754	-28,034
65	65	83	SSOVR	-17,7951	-4,4069	-11,9453	-21,1151	-36,993
65	65	70	SSOVR	-16,5628	-3,9742	-11,8766	-19,9331	-40,3
65	65	69	SSOVR	-17,404	-3,8248	-10,4087	-19,4953	-28,669
65	65	82	INERZIA	-11,0946	-2,6525	-6,1131	-12,507	-28,034
65	65	83	INERZIA	-11,0863	-2,7455	-7,4419	-13,1547	-36,993
65	65	70	INERZIA	-10,3186	-2,4759	-7,3991	-12,4183	-40,3
65	65	69	INERZIA	-10,8427	-2,3829	-6,4846	-12,1456	-28,669
65	65	82	INCRSIS	-104,5703	-25,0008	-57,618	-117,8825	-28,034
65	65	83	INCRSIS	-104,4926	-25,8776	-70,1429	-123,9876	-36,993
65	65	70	INCRSIS	-97,2566	-23,3362	-69,7392	-117,047	-40,3
65	65	69	INCRSIS	-102,1962	-22,4594	-61,1201	-114,4765	-28,669
66	66	83	PP	0	0	0	0	0
66	66	84	PP	0	0	0	0	0
66	66	71	PP	0	0	0	0	0
66	66	70	PP	0	0	0	0	0
66	66	83	STER	-56,9191	-16,7925	-34,7022	-69,6115	-37,084
66	66	84	STER	-54,4078	-14,9689	-39,1831	-69,1252	-44,515
66	66	71	STER	-43,2079	-13,4591	-30,557	-57,5268	-46,773
66	66	70	STER	-46,164	-15,2827	-29,2832	-59,9998	-42,155
66	66	83	SSOVR	-17,7945	-4,3536	-11,9948	-21,0625	-36,894
66	66	84	SSOVR	-17,3724	-4,1529	-12,6094	-20,9933	-41,086
66	66	71	SSOVR	-16,0501	-3,9344	-11,416	-19,3904	-40,331
66	66	70	SSOVR	-16,5625	-4,1351	-11,7167	-20,0912	-40,476
66	66	83	INERZIA	-11,086	-2,7123	-7,4727	-13,122	-36,894
66	66	84	INERZIA	-10,823	-2,5872	-7,8557	-13,0788	-41,086
66	66	71	INERZIA	-9,9992	-2,4511	-7,1121	-12,0802	-40,331
66	66	70	INERZIA	-10,3184	-2,5762	-7,2995	-12,5168	-40,476
66	66	83	INCRSIS	-104,4896	-25,5642	-70,4333	-123,6792	-36,894
66	66	84	INCRSIS	-102,0105	-24,3856	-74,0426	-123,2726	-41,086
66	66	71	INCRSIS	-94,2464	-23,1028	-67,0345	-113,8606	-40,331
66	66	70	INCRSIS	-97,2549	-24,2814	-68,8005	-117,9753	-40,476
67	67	84	PP	0	0	0	0	0
67	67	85	PP	0	0	0	0	0
67	67	72	PP	0	0	0	0	0
67	67	71	PP	0	0	0	0	0
67	67	84	STER	-54,4028	-12,2618	-41,8746	-66,4038	-44,384
67	67	85	STER	-49,2227	-8,4903	-42,5884	-60,0882	-51,996
67	67	72	STER	-39,4094	-6,8157	-32,8293	-46,4692	-46,008





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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
67	67	71	STER	-43,1947	-10,5872	-33,3842	-54,6202	-47,181
67	67	84	SSOVR	-17,3684	-3,64	-13,1037	-20,4753	-40,482
67	67	85	SSOVR	-16,2107	-2,7663	-12,8459	-18,485	-39,425
67	67	72	SSOVR	-15,3981	-2,549	-10,5739	-16,745	-27,851
67	67	71	SSOVR	-16,0416	-3,4228	-11,8908	-18,864	-39,51
67	67	84	INERZIA	-10,8205	-2,2677	-8,1636	-12,7561	-40,482
67	67	85	INERZIA	-10,0993	-1,7234	-8,003	-11,5161	-39,425
67	67	72	INERZIA	-9,593	-1,588	-6,5875	-10,4321	-27,851
67	67	71	INERZIA	-9,9939	-2,1324	-7,408	-11,7523	-39,51
67	67	84	INCRSIS	-101,9873	-21,3743	-76,945	-120,2308	-40,482
67	67	85	INCRSIS	-95,1892	-16,2436	-75,4314	-108,5437	-39,425
67	67	72	INCRSIS	-90,4179	-14,9679	-62,0898	-98,3266	-27,851
67	67	71	INCRSIS	-94,196	-20,0985	-69,823	-110,7697	-39,51
68	68	85	PP	0	0	0	0	0
68	68	86	PP	0	0	0	0	0
68	68	73	PP	0	0	0	0	0
68	68	72	PP	0	0	0	0	0
68	68	85	STER	-49,2227	-4,5532	-46,3175	-56,359	-57,46
68	68	86	STER	-42,1205	-0,1435	-42,1165	-47,3177	-88,419
68	68	73	STER	-33,9772	2,2726	-30,6397	-35,5247	34,252
68	68	72	STER	-39,402	-2,1371	-37,4779	-41,7759	-48,004
68	68	85	SSOVR	-16,2092	-1,8439	-13,7373	-17,5847	-36,721
68	68	86	SSOVR	-14,2876	-0,6471	-12,6237	-14,5392	-21,25
68	68	73	SSOVR	-13,8438	-0,0415	-9,0163	-13,8442	-0,493
68	68	72	SSOVR	-15,3935	-1,2384	-11,5032	-15,7877	-17,658
68	68	85	INERZIA	-10,0983	-1,1488	-8,5583	-10,9553	-36,721
68	68	86	INERZIA	-8,9012	-0,4031	-7,8646	-9,0579	-21,25
68	68	73	INERZIA	-8,6247	-0,0259	-5,6171	-8,6249	-0,493
68	68	72	INERZIA	-9,5901	-0,7715	-7,1665	-9,8357	-17,658
68	68	85	INCRSIS	-95,1804	-10,8276	-80,6654	-103,2573	-36,721
68	68	86	INCRSIS	-83,8968	-3,7996	-74,1263	-85,3744	-21,25
68	68	73	INCRSIS	-81,2909	-0,2439	-52,9437	-81,293	-0,493
68	68	72	INCRSIS	-90,3905	-7,2719	-67,5467	-92,7054	-17,658
69	69	86	PP	0	0	0	0	0
69	69	87	PP	0	0	0	0	0
69	69	74	PP	0	0	0	0	0
69	69	73	PP	0	0	0	0	0
69	69	86	STER	-42,122	4,0581	-39,9023	-49,5413	61,323
69	69	87	STER	-32,2259	8,5159	-25,025	-42,2968	49,783
69	69	74	STER	-26,104	11,8014	-12,0553	-36,0177	40,032
69	69	73	STER	-33,977	7,3437	-25,6834	-40,4796	41,524
69	69	86	SSOVR	-14,2876	0,3827	-12,7784	-14,3847	14,23
69	69	87	SSOVR	-11,2767	1,601	-8,4962	-12,1985	29,933
69	69	74	SSOVR	-11,0941	2,7162	-4,9991	-12,3046	24,02
69	69	73	SSOVR	-13,8434	1,4979	-8,5875	-14,2703	15,908
69	69	86	INERZIA	-8,9012	0,2384	-7,961	-8,9617	14,23
69	69	87	INERZIA	-7,0254	0,9974	-5,2931	-7,5997	29,933
69	69	74	INERZIA	-6,9116	1,6922	-3,1145	-7,6657	24,02
69	69	73	INERZIA	-8,6244	0,9332	-5,35	-8,8904	15,908
69	69	86	INCRSIS	-83,897	2,2474	-75,0349	-84,4669	14,23
69	69	87	INCRSIS	-66,2166	9,4011	-49,8896	-71,6297	29,933
69	69	74	INCRSIS	-65,1445	15,9496	-29,355	-72,2524	24,02
69	69	73	INCRSIS	-81,2883	8,7959	-50,4259	-83,7952	15,908
70	70	87	PP	0	0	0	0	0
70	70	88	PP	0	0	0	0	0
70	70	75	PP	0	0	0	0	0
70	70	74	PP	0	0	0	0	0
70	70	87	STER	-32,2333	12,7513	-20,8496	-46,5165	48,243
70	70	88	STER	-15,9493	16,4415	5,2488	-28,7015	37,798
70	70	75	STER	-12,7096	20,3357	13,426	-28,5325	37,886
70	70	74	STER	-26,1117	16,6455	-7,288	-40,8311	41,486
70	70	87	SSOVR	-11,2788	2,5912	-7,6023	-13,1051	35,177
70	70	88	SSOVR	-6,0158	3,4806	-0,0831	-8,0579	30,399
70	70	75	SSOVR	-5,9629	5,0121	1,8699	-9,17	32,615
70	70	74	SSOVR	-11,0975	4,1227	-3,8737	-13,4503	29,714
70	70	87	INERZIA	-7,0267	1,6143	-4,7363	-8,1645	35,177
70	70	88	INERZIA	-3,7479	2,1684	-0,0518	-5,02	30,399
70	70	75	INERZIA	-3,7149	3,1225	1,1649	-5,7129	32,615

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
70	70	74	INERZIA	-6,9137	2,5684	-2,4133	-8,3795	29,714
70	70	87	INCRSIS	-66,2291	15,2155	-44,6409	-76,9531	35,177
70	70	88	INCRSIS	-35,3251	20,4382	-0,4879	-47,3157	30,399
70	70	75	INCRSIS	-35,0141	29,4309	10,9798	-53,8465	32,615
70	70	74	INCRSIS	-65,1643	24,2083	-22,7463	-78,9801	29,714
71	71	88	PP	0	0	0	0	0
71	71	89	PP	0	0	0	0	0
71	71	76	PP	0	0	0	0	0
71	71	75	PP	0	0	0	0	0
71	71	88	STER	-15,9721	18,4951	7,1662	-30,7557	38,636
71	71	89	STER	2,965	17,6939	46,2459	-4,2686	22,236
71	71	76	STER	2,159	21,1251	42,0348	-9,0325	27,913
71	71	75	STER	-12,7329	21,9262	14,8906	-30,1369	38,441
71	71	88	SSOVR	-6,0257	3,8556	0,2096	-8,4098	31,731
71	71	89	SSOVR	0,2097	3,5303	11,7897	-0,8666	16,955
71	71	76	SSOVR	-0,2217	4,9633	10,6806	-2,4813	24,478
71	71	75	SSOVR	-5,9755	5,2886	2,0741	-9,4502	33,305
71	71	88	INERZIA	-3,754	2,402	0,1306	-5,2393	31,731
71	71	89	INERZIA	0,1306	2,1994	7,345	-0,5399	16,955
71	71	76	INERZIA	-0,1381	3,0921	6,654	-1,5459	24,478
71	71	75	INERZIA	-3,7228	3,2948	1,2922	-5,8874	33,305
71	71	88	INCRSIS	-35,3831	22,6402	1,2308	-49,3826	31,731
71	71	89	INCRSIS	1,2313	20,73	69,229	-5,0885	16,955
71	71	76	INCRSIS	-1,3021	29,1446	62,7163	-14,5703	24,478
71	71	75	INCRSIS	-35,0883	31,0548	12,1792	-55,4913	33,305
72	72	89	PP	0	0	0	0	0
72	72	90	PP	0	0	0	0	0
72	72	77	PP	0	0	0	0	0
72	72	76	PP	0	0	0	0	0
72	72	89	STER	2,9235	14,4733	43,9151	-2,1867	19,447
72	72	90	STER	24,3951	5,4374	122,2775	24,093	3,18
72	72	77	STER	18,5379	6,9695	93,3389	17,8885	5,323
72	72	76	STER	2,1318	16,0054	37,8748	-5,0353	24,122
72	72	89	SSOVR	0,1919	2,8409	11,348	-0,5315	14,287
72	72	90	SSOVR	7,1034	0,9105	35,5463	7,0743	1,833
72	72	77	SSOVR	5,9549	1,5753	29,8781	5,8512	3,767
72	72	76	SSOVR	-0,236	3,5057	9,5992	-1,4856	19,618
72	72	89	INERZIA	0,1196	1,7699	7,0698	-0,3311	14,287
72	72	90	INERZIA	4,4254	0,5672	22,1454	4,4073	1,833
72	72	77	INERZIA	3,7099	0,9814	18,6141	3,6453	3,767
72	72	76	INERZIA	-0,147	2,1841	5,9803	-0,9255	19,618
72	72	89	INCRSIS	1,127	16,6817	66,6356	-3,121	14,287
72	72	90	INCRSIS	41,7114	5,3463	208,728	41,5402	1,833
72	72	77	INCRSIS	34,9671	9,2501	175,4444	34,358	3,767
72	72	76	INCRSIS	-1,3859	20,5855	56,3668	-8,7234	19,618
73	73	91	PP	0	0	0	0	0
73	73	79	PP	0	0	0	0	0
73	73	78	PP	0	0	0	0	0
73	73	91	STER	-18,3537	-1,866	33,8278	-18,4204	-2,048
73	73	79	STER	-50,3794	-0,6086	8,308	-50,3857	-0,594
73	73	78	STER	-52,4523	7,3307	13,8368	-53,263	6,31
73	73	91	SSOVR	-4,3623	-0,251	9,4528	-4,3669	-1,041
73	73	79	SSOVR	-15,6773	-0,2723	1,2637	-15,6817	-0,921
73	73	78	SSOVR	-15,1497	2,1968	3,895	-15,4032	6,58
73	73	91	INERZIA	-2,7177	-0,1564	5,8891	-2,7206	-1,041
73	73	79	INERZIA	-9,767	-0,1696	0,7873	-9,7697	-0,921
73	73	78	INERZIA	-9,4383	1,3686	2,4266	-9,5962	6,58
73	73	91	INCRSIS	-25,6157	-1,4737	55,5067	-25,6425	-1,041
73	73	79	INCRSIS	-92,0572	-1,5988	7,4207	-92,0829	-0,921
73	73	78	INCRSIS	-88,9593	12,8998	22,8716	-90,4473	6,58
74	74	91	PP	0	0	0	0	0
74	74	92	PP	0	0	0	0	0
74	74	80	PP	0	0	0	0	0
74	74	79	PP	0	0	0	0	0
74	74	91	STER	-17,8575	-5,095	36,7176	-18,3332	-5,334
74	74	92	STER	-39,4389	-9,5056	5,9235	-41,4308	-11,835
74	74	80	STER	-52,4241	-13,2442	1,3047	-55,6888	-13,847
74	74	79	STER	-50,4648	-8,8336	9,183	-51,773	-8,424

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
74	74	91	SSOVR	-4,3225	-1,4854	9,8034	-4,4787	-6,003
74	74	92	SSOVR	-10,2029	-2,5505	-0,0968	-10,8466	-14,164
74	74	80	SSOVR	-16,4995	-3,534	-1,1733	-17,3144	-12,985
74	74	79	SSOVR	-15,6702	-2,4689	1,6469	-16,0222	-8,114
74	74	91	INERZIA	-2,6929	-0,9254	6,1075	-2,7903	-6,003
74	74	92	INERZIA	-6,3564	-1,589	-0,0603	-6,7574	-14,164
74	74	80	INERZIA	-10,2792	-2,2017	-0,731	-10,7869	-12,985
74	74	79	INERZIA	-9,7625	-1,5381	1,026	-9,9818	-8,114
74	74	91	INCRSIS	-25,382	-8,7223	57,5658	-26,2991	-6,003
74	74	92	INCRSIS	-59,9113	-14,9766	-0,5687	-63,691	-14,164
74	74	80	INCRSIS	-96,8852	-20,7518	-6,8896	-101,6703	-12,985
74	74	79	INCRSIS	-92,0154	-14,4975	9,6708	-94,0823	-8,114
75	75	92	PP	0	0	0	0	0
75	75	93	PP	0	0	0	0	0
75	75	81	PP	0	0	0	0	0
75	75	80	PP	0	0	0	0	0
75	75	92	STER	-39,211	-12,5861	8,3985	-42,5383	-14,808
75	75	93	STER	-49,1397	-14,4219	-6,7312	-54,0442	-18,782
75	75	81	STER	-55,4673	-15,9849	-12,5674	-61,4234	-20,436
75	75	80	STER	-52,5186	-14,1491	1,2884	-56,2392	-14,733
75	75	92	SSOVR	-10,0891	-3,1429	0,7406	-11,0012	-16,183
75	75	93	SSOVR	-13,1024	-3,4717	-3,9376	-14,4175	-20,747
75	75	81	SSOVR	-17,298	-3,9038	-5,8967	-18,6347	-18,901
75	75	80	SSOVR	-16,5408	-3,575	-1,353	-17,3823	-13,245
75	75	92	INERZIA	-6,2855	-1,958	0,4614	-6,8537	-16,183
75	75	93	INERZIA	-8,1628	-2,1629	-2,4531	-8,9821	-20,747
75	75	81	INERZIA	-10,7767	-2,432	-3,6737	-11,6094	-18,901
75	75	80	INERZIA	-10,3049	-2,2272	-0,8429	-10,8292	-13,245
75	75	92	INCRSIS	-59,243	-18,455	4,3491	-64,5988	-16,183
75	75	93	INCRSIS	-76,937	-20,3857	-23,1217	-84,6593	-20,747
75	75	81	INCRSIS	-101,5741	-22,9229	-34,6255	-109,4228	-18,901
75	75	80	INCRSIS	-97,1275	-20,9921	-7,9448	-102,0687	-13,245
76	76	93	PP	0	0	0	0	0
76	76	94	PP	0	0	0	0	0
76	76	82	PP	0	0	0	0	0
76	76	81	PP	0	0	0	0	0
76	76	93	STER	-49,2472	-16,8646	-5,6495	-55,7708	-21,148
76	76	94	STER	-56,8177	-18,3014	-22,7708	-66,6554	-28,26
76	76	82	STER	-57,2331	-18,724	-24,1937	-67,8444	-29,541
76	76	81	STER	-55,4256	-17,2872	-11,5102	-62,2307	-21,487
76	76	93	SSOVR	-13,1399	-4,0042	-3,7355	-14,8448	-23,063
76	76	94	SSOVR	-15,148	-4,3113	-8,2423	-17,8395	-31,977
76	76	82	SSOVR	-17,7926	-4,4044	-9,6701	-20,1808	-28,468
76	76	81	SSOVR	-17,2863	-4,0972	-5,7229	-18,7381	-19,511
76	76	93	INERZIA	-8,1861	-2,4946	-2,3272	-9,2483	-23,063
76	76	94	INERZIA	-9,4372	-2,6859	-5,135	-11,114	-31,977
76	76	82	INERZIA	-11,0848	-2,7439	-6,0245	-12,5727	-28,468
76	76	81	INERZIA	-10,7694	-2,5526	-3,5653	-11,6738	-19,511
76	76	93	INCRSIS	-77,1574	-23,5124	-21,9348	-87,1684	-23,063
76	76	94	INCRSIS	-88,9488	-25,3158	-48,3989	-104,7538	-31,977
76	76	82	INCRSIS	-104,4783	-25,8624	-56,7829	-118,5019	-28,468
76	76	81	INCRSIS	-101,5051	-24,059	-33,6046	-110,0299	-19,511
77	77	94	PP	0	0	0	0	0
77	77	95	PP	0	0	0	0	0
77	77	83	PP	0	0	0	0	0
77	77	82	PP	0	0	0	0	0
77	77	94	STER	-56,8054	-19,694	-21,5469	-67,8057	-29,186
77	77	95	STER	-60,0298	-19,8408	-34,2474	-75,2983	-37,58
77	77	83	STER	-56,8391	-19,1882	-32,3454	-71,871	-38,075
77	77	82	STER	-57,2426	-19,0413	-23,9589	-68,136	-29,774
77	77	94	SSOVR	-15,1456	-4,6472	-7,9292	-18,1383	-32,781
77	77	95	SSOVR	-16,1417	-4,7722	-10,736	-20,3546	-41,439
77	77	83	SSOVR	-17,7627	-4,6705	-11,6754	-21,3462	-37,497
77	77	82	SSOVR	-17,7964	-4,5455	-9,5664	-20,307	-28,913
77	77	94	INERZIA	-9,4357	-2,8952	-4,9399	-11,3001	-32,781
77	77	95	INERZIA	-10,0563	-2,9731	-6,6886	-12,6809	-41,439
77	77	83	INERZIA	-11,0662	-2,9097	-7,2738	-13,2987	-37,497
77	77	82	INERZIA	-11,0871	-2,8319	-5,9599	-12,6512	-28,913

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
77	77	94	INCRSIS	-88,9347	-27,2883	-46,5603	-106,5079	-32,781
77	77	95	INCRSIS	-94,7839	-28,0222	-63,0421	-119,5223	-41,439
77	77	83	INCRSIS	-104,3026	-27,4253	-68,5578	-125,3448	-37,497
77	77	82	INCRSIS	-104,5003	-26,6914	-56,1742	-119,2425	-28,913
78	78	95	PP	0	0	0	0	0
78	78	96	PP	0	0	0	0	0
78	78	84	PP	0	0	0	0	0
78	78	83	PP	0	0	0	0	0
78	78	95	STER	-60,0355	-19,586	-34,5136	-75,0661	-37,503
78	78	96	STER	-59,3844	-18,1182	-41,8353	-78,0901	-45,914
78	78	84	STER	-54,3456	-16,7089	-37,4064	-70,8273	-44,608
78	78	83	STER	-56,8394	-18,1767	-33,327	-70,8912	-37,706
78	78	95	SSOVR	-16,1424	-4,805	-10,7058	-20,3891	-41,471
78	78	96	SSOVR	-16,1898	-4,5964	-11,9773	-21,2051	-47,496
78	78	84	SSOVR	-17,3522	-4,3919	-12,3615	-21,2171	-41,348
78	78	83	SSOVR	-17,7622	-4,6004	-11,7413	-21,2772	-37,382
78	78	95	INERZIA	-10,0567	-2,9935	-6,6697	-12,7024	-41,471
78	78	96	INERZIA	-10,0862	-2,8636	-7,4618	-13,2108	-47,496
78	78	84	INERZIA	-10,8104	-2,7361	-7,7012	-13,2182	-41,348
78	78	83	INERZIA	-11,0658	-2,8661	-7,3148	-13,2557	-37,382
78	78	95	INCRSIS	-94,7881	-28,2148	-62,8646	-119,725	-41,471
78	78	96	INCRSIS	-95,0663	-26,9901	-70,3306	-124,5162	-47,496
78	78	84	INCRSIS	-101,8923	-25,789	-72,5867	-124,5866	-41,348
78	78	83	INCRSIS	-104,2996	-27,0137	-68,9446	-124,94	-37,382
79	79	96	PP	0	0	0	0	0
79	79	97	PP	0	0	0	0	0
79	79	85	PP	0	0	0	0	0
79	79	84	PP	0	0	0	0	0
79	79	96	STER	-59,3846	-16,2249	-43,7279	-76,1983	-46,021
79	79	97	STER	-54,5981	-13,1456	-45,3062	-73,1956	-54,745
79	79	85	STER	-49,219	-10,9194	-40,2134	-62,4588	-50,486
79	79	84	STER	-54,3406	-13,9986	-40,1012	-68,1025	-44,511
79	79	96	SSOVR	-16,1884	-4,285	-12,2837	-20,8907	-47,658
79	79	97	SSOVR	-15,1719	-3,6652	-12,2813	-19,8194	-51,739
79	79	85	SSOVR	-16,2202	-3,2589	-12,3664	-18,976	-40,218
79	79	84	SSOVR	-17,3483	-3,8786	-12,857	-20,6978	-40,814
79	79	96	INERZIA	-10,0854	-2,6695	-7,6528	-13,0149	-47,658
79	79	97	INERZIA	-9,4521	-2,2834	-7,6513	-12,3475	-51,739
79	79	85	INERZIA	-10,1052	-2,0303	-7,7043	-11,822	-40,218
79	79	84	INERZIA	-10,808	-2,4164	-8,0099	-12,8947	-40,814
79	79	96	INCRSIS	-95,0585	-25,1613	-72,13	-122,6701	-47,658
79	79	97	INCRSIS	-89,0891	-21,5223	-72,1159	-116,3797	-51,739
79	79	85	INCRSIS	-95,2453	-19,1361	-72,6154	-111,427	-40,218
79	79	84	INCRSIS	-101,8691	-22,7752	-75,4965	-121,5376	-40,814
80	80	97	PP	0	0	0	0	0
80	80	98	PP	0	0	0	0	0
80	80	86	PP	0	0	0	0	0
80	80	85	PP	0	0	0	0	0
80	80	97	STER	-54,6039	-10,0928	-48,1498	-70,3868	-57,402
80	80	98	STER	-47,0129	-6,5109	-44,2058	-62,1141	-66,677
80	80	86	STER	-42,1311	-3,4119	-40,4385	-49,0086	-63,614
80	80	85	STER	-49,219	-6,9939	-44,0287	-58,6433	-53,421
80	80	97	SSOVR	-15,1726	-3,0853	-12,8442	-19,261	-52,96
80	80	98	SSOVR	-13,2916	-2,3019	-11,7273	-16,6788	-55,8
80	80	86	SSOVR	-14,3029	-1,5632	-11,8728	-15,3084	-32,752
80	80	85	SSOVR	-16,2188	-2,3466	-13,2561	-18,0774	-38,381
80	80	97	INERZIA	-9,4525	-1,9222	-8,002	-11,9996	-52,96
80	80	98	INERZIA	-8,2807	-1,4341	-7,3061	-10,3909	-55,8
80	80	86	INERZIA	-8,9107	-0,9739	-7,3968	-9,5372	-32,752
80	80	85	INERZIA	-10,1043	-1,4619	-8,2585	-11,2622	-38,381
80	80	97	INCRSIS	-89,0935	-18,117	-75,4214	-113,1004	-52,96
80	80	98	INCRSIS	-78,0482	-13,5167	-68,8624	-97,9378	-55,8
80	80	86	INCRSIS	-83,9866	-9,179	-69,7173	-89,8911	-32,752
80	80	85	INCRSIS	-95,2365	-13,7792	-77,8397	-106,1504	-38,381
81	81	98	PP	0	0	0	0	0
81	81	99	PP	0	0	0	0	0
81	81	87	PP	0	0	0	0	0
81	81	86	PP	0	0	0	0	0

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
81	81	98	STER	-47,0162	-3,0959	-46,2813	-60,0582	-76,646
81	81	99	STER	-36,2075	0,6449	-36,166	-46,2332	86,32
81	81	87	STER	-32,2483	4,5097	-28,9446	-38,4042	53,774
81	81	86	STER	-42,1327	0,769	-42,0212	-47,4353	81,749
81	81	98	SSOVR	-13,2921	-1,6475	-12,3213	-16,0879	-59,49
81	81	99	SSOVR	-10,416	-0,8403	-9,9358	-11,8864	-60,252
81	81	87	SSOVR	-11,2932	0,2611	-9,3856	-11,329	7,794
81	81	86	SSOVR	-14,3029	-0,5461	-12,6933	-14,4882	-18,74
81	81	98	INERZIA	-8,281	-1,0264	-7,6761	-10,0228	-59,49
81	81	99	INERZIA	-6,4892	-0,5235	-6,19	-7,4053	-60,252
81	81	87	INERZIA	-7,0357	0,1627	-5,8472	-7,0579	7,794
81	81	86	INERZIA	-8,9107	-0,3402	-7,9079	-9,0261	-18,74
81	81	98	INCRSIS	-78,0513	-9,6742	-72,3504	-94,4681	-59,49
81	81	99	INCRSIS	-61,163	-4,9344	-58,343	-69,7972	-60,252
81	81	87	INCRSIS	-66,3138	1,5332	-55,1122	-66,5236	7,794
81	81	86	INCRSIS	-83,9867	-3,2065	-74,5349	-85,0746	-18,74
82	82	99	PP	0	0	0	0	0
82	82	100	PP	0	0	0	0	0
82	82	88	PP	0	0	0	0	0
82	82	87	PP	0	0	0	0	0
82	82	99	STER	-36,2151	4,3967	-34,5587	-47,886	69,357
82	82	100	STER	-18,0928	7,9433	-7,4349	-24,0129	36,697
82	82	88	STER	-15,9424	12,2408	1,2256	-24,67	35,489
82	82	87	STER	-32,2557	8,6941	-24,8838	-42,5093	49,705
82	82	99	SSOVR	-10,4177	-0,1504	-10,3955	-11,4365	-81,604
82	82	100	SSOVR	-5,3892	0,5439	-2,8052	-5,5037	11,886
82	82	88	SSOVR	-6,0104	1,9202	-1,3353	-6,7991	22,329
82	82	87	SSOVR	-11,2953	1,226	-8,8238	-11,9035	26,383
82	82	99	INERZIA	-6,4902	-0,0937	-6,4764	-7,1249	-81,604
82	82	100	INERZIA	-3,3575	0,3388	-1,7476	-3,4288	11,886
82	82	88	INERZIA	-3,7445	1,1963	-0,8319	-4,2359	22,329
82	82	87	INERZIA	-7,037	0,7638	-5,4972	-7,4159	26,383
82	82	99	INCRSIS	-61,1726	-0,883	-61,0422	-67,1552	-81,604
82	82	100	INCRSIS	-31,6455	3,1935	-16,4722	-32,3177	11,886
82	82	88	INCRSIS	-35,2933	11,2754	-7,8411	-39,9244	22,329
82	82	87	INCRSIS	-66,3262	7,1988	-51,8135	-69,8971	26,383
83	83	100	PP	0	0	0	0	0
83	83	101	PP	0	0	0	0	0
83	83	89	PP	0	0	0	0	0
83	83	88	PP	0	0	0	0	0
83	83	100	STER	-18,1147	10,4638	-5,0708	-26,5087	38,736
83	83	101	STER	3,3875	10,7791	45,854	0,6515	14,242
83	83	89	STER	2,9461	14,5836	44,168	-2,2133	19,483
83	83	88	STER	-15,9652	14,2683	3,0759	-26,657	36,846
83	83	100	SSOVR	-5,3969	0,975	-2,6162	-5,7388	19,323
83	83	101	SSOVR	0,6367	1,0074	11,6567	0,5446	5,223
83	83	89	SSOVR	0,2178	2,3138	11,2024	-0,2696	11,895
83	83	88	SSOVR	-6,0203	2,2814	-1,1128	-7,0809	24,933
83	83	100	INERZIA	-3,3623	0,6074	-1,6299	-3,5753	19,323
83	83	101	INERZIA	0,3967	0,6276	7,2621	0,3393	5,223
83	83	89	INERZIA	0,1357	1,4415	6,9791	-0,168	11,895
83	83	88	INERZIA	-3,7507	1,4213	-0,6933	-4,4114	24,933
83	83	100	INCRSIS	-31,6906	5,7253	-15,3626	-33,6981	19,323
83	83	101	INCRSIS	3,7387	5,9155	68,4481	3,1979	5,223
83	83	89	INCRSIS	1,2787	13,5867	65,7806	-1,5832	11,895
83	83	88	INCRSIS	-35,3513	13,3965	-6,5345	-41,5792	24,933
84	84	101	PP	0	0	0	0	0
84	84	102	PP	0	0	0	0	0
84	84	90	PP	0	0	0	0	0
84	84	89	PP	0	0	0	0	0
84	84	101	STER	3,344	9,5743	45,0962	1,1485	12,915
84	84	102	STER	28,6005	3,5097	143,1102	28,4929	1,756
84	84	90	STER	24,3951	5,2574	122,2579	24,1127	3,075
84	84	89	STER	2,9046	11,3219	42,0737	-0,368	16,122
84	84	101	SSOVR	0,6218	0,9795	11,5777	0,5342	5,109
84	84	102	SSOVR	7,5856	0,2041	37,9293	7,5842	0,385
84	84	90	SSOVR	7,1034	0,8278	35,5413	7,0793	1,667
84	84	89	SSOVR	0,2	1,6032	10,8672	-0,041	8,547

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
84	84	101	INERZIA	0,3874	0,6102	7,2129	0,3328	5,109
84	84	102	INERZIA	4,7258	0,1271	23,63	4,725	0,385
84	84	90	INERZIA	4,4254	0,5157	22,1422	4,4104	1,667
84	84	89	INERZIA	0,1246	0,9988	6,7702	-0,0255	8,547
84	84	101	INCRSIS	3,6512	5,7517	67,9845	3,137	5,109
84	84	102	INCRSIS	44,5426	1,1984	222,7211	44,5346	0,385
84	84	90	INCRSIS	41,7114	4,8607	208,6984	41,5699	1,667
84	84	89	INCRSIS	1,1744	9,414	63,812	-0,2405	8,547
85	85	103	PP	0	0	0	0	0
85	85	92	PP	0	0	0	0	0
85	85	91	PP	0	0	0	0	0
85	85	103	STER	-15,8119	2,2143	19,5856	-15,9504	3,58
85	85	92	STER	-40,9906	-3,708	3,9274	-41,2967	-4,719
85	85	91	STER	-20,3525	0,7878	35,754	-20,3636	0,804
85	85	103	SSOVR	-2,7844	0,9778	4,2378	-2,9206	7,927
85	85	92	SSOVR	-10,9021	-1,0255	-0,7765	-11,0059	-5,783
85	85	91	SSOVR	-3,9747	0,3739	9,727	-3,9849	1,563
85	85	103	INERZIA	-1,7347	0,6092	2,6402	-1,8195	7,927
85	85	92	INERZIA	-6,792	-0,6389	-0,4838	-6,8567	-5,783
85	85	91	INERZIA	-2,4762	0,2329	6,0599	-2,4826	1,563
85	85	103	INCRSIS	-16,3503	5,7416	24,8845	-17,1497	7,927
85	85	92	INCRSIS	-64,017	-6,0219	-4,5596	-64,6269	-5,783
85	85	91	INCRSIS	-23,3393	2,1953	57,1171	-23,3992	1,563
86	86	103	PP	0	0	0	0	0
86	86	104	PP	0	0	0	0	0
86	86	93	PP	0	0	0	0	0
86	86	92	PP	0	0	0	0	0
86	86	103	STER	-14,5413	-3,8182	26,1581	-14,8995	-5,36
86	86	104	STER	-38,5307	-8,2722	-2,0539	-40,4067	-12,777
86	86	93	STER	-48,5376	-12,9728	-7,422	-52,6308	-17,512
86	86	92	STER	-40,7627	-8,5189	6,3028	-42,3046	-10,26
86	86	103	SSOVR	-2,5697	-0,9815	5,2978	-2,6922	-7,111
86	86	104	SSOVR	-8,3546	-1,9813	-2,6582	-9,0437	-19,178
86	86	93	SSOVR	-12,9015	-3,0674	-4,1388	-13,9753	-19,293
86	86	92	SSOVR	-10,7883	-2,0676	0,082	-11,1815	-10,77
86	86	103	INERZIA	-1,6009	-0,6115	3,3005	-1,6772	-7,111
86	86	104	INERZIA	-5,2049	-1,2343	-1,6561	-5,6342	-19,178
86	86	93	INERZIA	-8,0376	-1,911	-2,5785	-8,7066	-19,293
86	86	92	INERZIA	-6,7211	-1,2881	0,0511	-6,9661	-10,77
86	86	103	INCRSIS	-15,0893	-5,7635	31,1088	-15,8083	-7,111
86	86	104	INCRSIS	-49,0581	-11,634	-15,6089	-53,1045	-19,178
86	86	93	INCRSIS	-75,7577	-18,0117	-24,3031	-82,0627	-19,293
86	86	92	INCRSIS	-63,3486	-12,1412	0,4815	-65,658	-10,77
87	87	104	PP	0	0	0	0	0
87	87	105	PP	0	0	0	0	0
87	87	94	PP	0	0	0	0	0
87	87	93	PP	0	0	0	0	0
87	87	104	STER	-38,1903	-13,0475	2,0073	-42,4253	-17,983
87	87	105	STER	-48,218	-16,0392	-17,8443	-56,6877	-27,837
87	87	94	STER	-57,0138	-17,7285	-23,3196	-66,3418	-27,751
87	87	93	STER	-48,6451	-14,7368	-6,8558	-53,842	-19,425
87	87	104	SSOVR	-8,2274	-2,9857	-1,405	-9,5341	-23,636
87	87	105	SSOVR	-10,9678	-3,6699	-6,2027	-13,7942	-37,602
87	87	94	SSOVR	-15,2031	-4,1399	-8,4187	-17,7293	-31,392
87	87	93	SSOVR	-12,939	-3,4557	-4,0559	-14,2834	-21,257
87	87	104	INERZIA	-5,1257	-1,8601	-0,8753	-5,9397	-23,636
87	87	105	INERZIA	-6,8329	-2,2864	-3,8643	-8,5938	-37,602
87	87	94	INERZIA	-9,4715	-2,5792	-5,2449	-11,0454	-31,392
87	87	93	INERZIA	-8,061	-2,1529	-2,5268	-8,8985	-21,257
87	87	104	INCRSIS	-48,3115	-17,5321	-8,25	-55,9841	-23,636
87	87	105	INCRSIS	-64,4027	-21,5497	-36,422	-80,9996	-37,602
87	87	94	INCRSIS	-89,2727	-24,3095	-49,4347	-104,1066	-31,392
87	87	93	INCRSIS	-75,9781	-20,2919	-23,8161	-83,8719	-21,257
88	88	105	PP	0	0	0	0	0
88	88	106	PP	0	0	0	0	0
88	88	95	PP	0	0	0	0	0
88	88	94	PP	0	0	0	0	0
88	88	105	STER	-48,3244	-18,6554	-16,0595	-59,1109	-30,036

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
88	88	106	STER	-56,4812	-19,8081	-32,0252	-72,5247	-39,006
88	88	95	STER	-59,9358	-20,4267	-33,6334	-75,7994	-37,833
88	88	94	STER	-57,0016	-19,274	-21,9792	-67,6087	-28,826
88	88	105	SSOVR	-10,9973	-4,2816	-5,7096	-14,4643	-38,999
88	88	106	SSOVR	-13,0754	-4,5826	-8,9377	-18,1507	-47,92
88	88	95	SSOVR	-16,113	-4,8007	-10,692	-20,3643	-41,527
88	88	94	SSOVR	-15,2007	-4,4997	-8,0868	-18,0469	-32,314
88	88	105	INERZIA	-6,8513	-2,6675	-3,5571	-9,0113	-38,999
88	88	106	INERZIA	-8,146	-2,855	-5,5682	-11,3079	-47,92
88	88	95	INERZIA	-10,0384	-2,9908	-6,6611	-12,687	-41,527
88	88	94	INERZIA	-9,47	-2,8033	-5,0381	-11,2432	-32,314
88	88	105	INCRSIS	-64,576	-25,1417	-33,5269	-84,9343	-38,999
88	88	106	INCRSIS	-76,7789	-26,9092	-52,4819	-106,5811	-47,92
88	88	95	INCRSIS	-94,6158	-28,1896	-62,7832	-119,5794	-41,527
88	88	94	INCRSIS	-89,2586	-26,4222	-47,4857	-105,9711	-32,314
89	89	106	PP	0	0	0	0	0
89	89	107	PP	0	0	0	0	0
89	89	96	PP	0	0	0	0	0
89	89	95	PP	0	0	0	0	0
89	89	106	STER	-56,4552	-20,8362	-30,9302	-73,4639	-39,225
89	89	107	STER	-58,4449	-20,3808	-40,2664	-81,2947	-48,269
89	89	96	STER	-59,3937	-19,7027	-40,2571	-79,6793	-45,835
89	89	95	STER	-59,9415	-20,1582	-33,9134	-75,5535	-37,757
89	89	106	SSOVR	-13,0694	-4,8696	-8,6352	-18,4172	-47,679
89	89	107	SSOVR	-13,7719	-4,8668	-10,2155	-20,432	-53,843
89	89	96	SSOVR	-16,1922	-4,8299	-11,7462	-21,4391	-47,37
89	89	95	SSOVR	-16,1138	-4,8327	-10,6625	-20,3981	-41,558
89	89	106	INERZIA	-8,1423	-3,0338	-5,3797	-11,4739	-47,679
89	89	107	INERZIA	-8,5799	-3,032	-6,3643	-12,7291	-53,843
89	89	96	INERZIA	-10,0877	-3,009	-7,3179	-13,3566	-47,37
89	89	95	INERZIA	-10,0389	-3,0108	-6,6427	-12,708	-41,558
89	89	106	INCRSIS	-76,7437	-28,5945	-50,7059	-108,146	-47,679
89	89	107	INCRSIS	-80,8686	-28,578	-59,9854	-119,9767	-53,843
89	89	96	INCRSIS	-95,0807	-28,3611	-68,9737	-125,8905	-47,37
89	89	95	INCRSIS	-94,62	-28,3776	-62,6102	-119,7776	-41,558
90	90	107	PP	0	0	0	0	0
90	90	108	PP	0	0	0	0	0
90	90	97	PP	0	0	0	0	0
90	90	96	PP	0	0	0	0	0
90	90	107	STER	-58,455	-19,5962	-41,0733	-80,5479	-48,427
90	90	108	STER	-55,3589	-17,4891	-43,6939	-81,5798	-56,297
90	90	97	STER	-54,6031	-15,7197	-42,8607	-75,6471	-53,241
90	90	96	STER	-59,3938	-17,8268	-42,1325	-77,8047	-45,923
90	90	107	SSOVR	-13,7733	-4,8203	-10,2632	-20,3928	-53,938
90	90	108	SSOVR	-13,2314	-4,4842	-10,4119	-20,3633	-57,84
90	90	97	SSOVR	-15,1812	-4,1856	-11,78	-20,332	-50,902
90	90	96	SSOVR	-16,1909	-4,5216	-12,0496	-21,1278	-47,514
90	90	107	INERZIA	-8,5808	-3,003	-6,394	-12,7047	-53,938
90	90	108	INERZIA	-8,2432	-2,7937	-6,4866	-12,6863	-57,84
90	90	97	INERZIA	-9,4579	-2,6076	-7,3389	-12,6668	-50,902
90	90	96	INERZIA	-10,0869	-2,817	-7,5069	-13,1626	-47,514
90	90	107	INCRSIS	-80,8768	-28,3048	-60,2653	-119,7463	-53,938
90	90	108	INCRSIS	-77,695	-26,3315	-61,1388	-119,5732	-57,84
90	90	97	INCRSIS	-89,1441	-24,5776	-69,1721	-119,3894	-50,902
90	90	96	INCRSIS	-95,0729	-26,5509	-70,7553	-124,0622	-47,514
91	91	108	PP	0	0	0	0	0
91	91	109	PP	0	0	0	0	0
91	91	98	PP	0	0	0	0	0
91	91	97	PP	0	0	0	0	0
91	91	108	STER	-55,3665	-15,3732	-45,6441	-79,6749	-57,69
91	91	109	STER	-48,5056	-12,5958	-42,1412	-73,4339	-63,193
91	91	98	STER	-47,0361	-9,9015	-41,5243	-64,8233	-60,897
91	91	97	STER	-54,6089	-12,6789	-45,7624	-72,7803	-55,095
91	91	108	SSOVR	-13,2326	-4,1824	-10,6846	-20,0977	-58,649
91	91	109	SSOVR	-11,7098	-3,7032	-9,5984	-18,2048	-60,31
91	91	98	SSOVR	-13,3094	-3,1322	-10,9536	-17,4738	-53,052
91	91	97	SSOVR	-15,182	-3,6114	-12,342	-19,7744	-51,819
91	91	108	INERZIA	-8,2439	-2,6056	-6,6565	-12,5209	-58,649

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
91	91	109	INERZIA	-7,2952	-2,3071	-5,9798	-11,3416	-60,31
91	91	98	INERZIA	-8,2917	-1,9513	-6,8241	-10,8862	-53,052
91	91	97	INERZIA	-9,4584	-2,2499	-7,6891	-12,3195	-51,819
91	91	108	INCRSIS	-77,702	-24,5591	-62,74	-118,014	-58,649
91	91	109	INCRSIS	-68,76	-21,745	-56,3619	-106,8984	-60,31
91	91	98	INCRSIS	-78,1526	-18,392	-64,3195	-102,606	-53,052
91	91	97	INCRSIS	-89,1484	-21,2061	-72,4724	-116,1153	-51,819
92	92	109	PP	0	0	0	0	0
92	92	110	PP	0	0	0	0	0
92	92	99	PP	0	0	0	0	0
92	92	98	PP	0	0	0	0	0
92	92	109	STER	-48,5107	-9,8773	-44,2417	-71,3639	-66,626
92	92	110	STER	-37,8844	-6,7279	-35,4647	-56,591	-70,219
92	92	99	STER	-36,2207	-3,3459	-35,2022	-47,2129	-73,07
92	92	98	STER	-47,0394	-6,4953	-44,2427	-62,1246	-66,705
92	92	109	SSOVR	-11,7108	-3,2965	-9,9447	-17,8642	-61,821
92	92	110	SSOVR	-9,1997	-2,761	-7,6176	-14,0181	-60,187
92	92	99	SSOVR	-10,4284	-1,9448	-8,9129	-12,9241	-52,073
92	92	98	SSOVR	-13,3099	-2,4803	-11,5748	-16,8556	-55,026
92	92	109	INERZIA	-7,2958	-2,0537	-6,1956	-11,1294	-61,821
92	92	110	INERZIA	-5,7314	-1,7201	-4,7458	-8,7333	-60,187
92	92	99	INERZIA	-6,4969	-1,2116	-5,5527	-8,0517	-52,073
92	92	98	INERZIA	-8,2921	-1,5453	-7,2111	-10,5011	-55,026
92	92	109	INCRSIS	-68,7656	-19,3573	-58,3954	-104,8984	-61,821
92	92	110	INCRSIS	-54,0207	-16,2128	-44,7306	-82,3146	-60,187
92	92	99	INCRSIS	-61,2353	-11,42	-52,3363	-75,8906	-52,073
92	92	98	INCRSIS	-78,1557	-14,5646	-67,9674	-98,9764	-55,026
93	93	110	PP	0	0	0	0	0
93	93	111	PP	0	0	0	0	0
93	93	100	PP	0	0	0	0	0
93	93	99	PP	0	0	0	0	0
93	93	110	STER	-37,892	-3,3773	-37,2206	-54,8804	-78,756
93	93	111	STER	-19,3101	0,0945	-18,8943	-19,3316	12,803
93	93	100	STER	-18,0879	3,8356	-11,2139	-20,2281	29,161
93	93	99	STER	-36,2283	0,3638	-36,2151	-46,2455	87,92
93	93	110	SSOVR	-9,2012	-2,2595	-8,0414	-13,6032	-62,829
93	93	111	SSOVR	-4,6714	-1,6902	-2,3814	-5,9189	-36,431
93	93	100	SSOVR	-5,3912	-0,7008	-2,7352	-5,5761	-14,78
93	93	99	SSOVR	-10,43	-1,27	-9,5609	-12,2859	-55,615
93	93	110	INERZIA	-5,7323	-1,4077	-5,0098	-8,4748	-62,829
93	93	111	INERZIA	-2,9103	-1,053	-1,4836	-3,6875	-36,431
93	93	100	INERZIA	-3,3587	-0,4366	-1,704	-3,4739	-14,78
93	93	99	INERZIA	-6,4979	-0,7912	-5,9564	-7,6541	-55,615
93	93	110	INCRSIS	-54,0294	-13,2677	-47,2192	-79,8779	-62,829
93	93	111	INCRSIS	-27,4302	-9,9251	-13,9834	-34,7559	-36,431
93	93	100	INCRSIS	-31,6572	-4,115	-16,061	-32,7429	-14,78
93	93	99	INCRSIS	-61,2448	-7,4577	-56,1414	-72,1427	-55,615
94	94	111	PP	0	0	0	0	0
94	94	112	PP	0	0	0	0	0
94	94	101	PP	0	0	0	0	0
94	94	100	PP	0	0	0	0	0
94	94	111	STER	-19,333	3,012	-16,1658	-22,1975	43,561
94	94	112	STER	3,3959	4,3876	43,7826	2,9192	6,2
94	94	101	STER	3,4457	7,7091	44,5747	2,0007	10,616
94	94	100	STER	-18,1098	6,3335	-9,0407	-22,5329	34,929
94	94	111	SSOVR	-4,6779	-1,2107	-2,8566	-5,4827	-33,615
94	94	112	SSOVR	0,9008	-0,8999	11,3813	0,8235	-4,908
94	94	101	SSOVR	0,6665	0,031	11,5706	0,6664	0,163
94	94	100	SSOVR	-5,3989	-0,2798	-2,9268	-5,4306	-6,458
94	94	111	INERZIA	-2,9143	-0,7543	-1,7796	-3,4157	-33,615
94	94	112	INERZIA	0,5612	-0,5606	7,0906	0,513	-4,908
94	94	101	INERZIA	0,4152	0,0193	7,2085	0,4152	0,163
94	94	100	INERZIA	-3,3635	-0,1743	-1,8234	-3,3832	-6,458
94	94	111	INCRSIS	-27,4684	-7,1094	-16,7738	-32,1945	-33,615
94	94	112	INCRSIS	5,2892	-5,2841	66,8311	4,8355	-4,908
94	94	101	INCRSIS	3,9136	0,1822	67,9429	3,9131	0,163
94	94	100	INCRSIS	-31,7023	-1,643	-17,1865	-31,8883	-6,458
95	95	112	PP	0	0	0	0	0



Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
95	95	113	PP	0	0	0	0	0
95	95	102	PP	0	0	0	0	0
95	95	101	PP	0	0	0	0	0
95	95	112	STER	3,3514	4,9264	43,685	2,7496	6,964
95	95	113	STER	30,7483	1,8042	153,7681	30,7219	0,84
95	95	102	STER	28,6005	3,3276	143,0993	28,5038	1,665
95	95	101	STER	3,4022	6,4498	43,9385	2,376	9,041
95	95	112	SSOVR	0,8887	-0,4593	11,264	0,8683	-2,534
95	95	113	SSOVR	7,5337	-0,2959	37,6716	7,5308	-0,563
95	95	102	SSOVR	7,5856	0,1427	37,9286	7,5849	0,269
95	95	101	SSOVR	0,6516	-0,0206	11,4962	0,6516	-0,109
95	95	112	INERZIA	0,5536	-0,2861	7,0175	0,541	-2,534
95	95	113	INERZIA	4,6935	-0,1844	23,4694	4,6917	-0,563
95	95	102	INERZIA	4,7258	0,0889	23,6295	4,7254	0,269
95	95	101	INERZIA	0,406	-0,0129	7,1621	0,4059	-0,109
95	95	112	INCRSIS	5,2183	-2,6967	66,1422	5,0989	-2,534
95	95	113	INCRSIS	44,2381	-1,7377	221,2076	44,221	-0,563
95	95	102	INCRSIS	44,5426	0,8379	222,717	44,5387	0,269
95	95	101	INCRSIS	3,8262	-0,1212	67,5055	3,826	-0,109
96	96	114	PP	0	0	0	0	0
96	96	104	PP	0	0	0	0	0
96	96	103	PP	0	0	0	0	0
96	96	114	STER	-5,4774	1,4475	18,5187	-5,5647	3,452
96	96	104	STER	-39,5671	-3,3456	-3,824	-39,8802	-5,347
96	96	103	STER	-22,3902	3,2171	24,4511	-22,6112	3,929
96	96	114	SSOVR	0,7718	0,6477	2,9737	0,5812	16,392
96	96	104	SSOVR	-8,8442	-0,8368	-3,3185	-8,971	-8,611
96	96	103	SSOVR	-3,5985	0,9571	5,0752	-3,7041	6,297
96	96	114	INERZIA	0,4808	0,4035	1,8526	0,3621	16,392
96	96	104	INERZIA	-5,51	-0,5213	-2,0674	-5,5889	-8,611
96	96	103	INERZIA	-2,2418	0,5963	3,1619	-2,3076	6,297
96	96	114	INCRSIS	4,5318	3,8034	17,4616	3,413	16,392
96	96	104	INCRSIS	-51,9334	-4,9136	-19,4864	-52,6775	-8,611
96	96	103	INCRSIS	-21,1302	5,6199	29,8017	-21,7503	6,297
97	97	114	PP	0	0	0	0	0
97	97	115	PP	0	0	0	0	0
97	97	105	PP	0	0	0	0	0
97	97	104	PP	0	0	0	0	0
97	97	114	STER	-5,0423	-4,9596	21,5322	-5,9679	-10,571
97	97	115	STER	-36,7308	-10,0263	-14,793	-41,3132	-24,562
97	97	105	STER	-47,6853	-14,9185	-18,5646	-55,328	-27,126
97	97	104	STER	-39,2267	-9,8518	0,0369	-41,6986	-14,086
97	97	114	SSOVR	0,7638	-1,1791	3,2929	0,214	-24,996
97	97	115	SSOVR	-6,3896	-2,2701	-4,5219	-9,1489	-50,555
97	97	105	SSOVR	-10,7986	-3,3403	-6,4371	-13,3568	-37,447
97	97	104	SSOVR	-8,7171	-2,2493	-2,0506	-9,476	-18,645
97	97	114	INERZIA	0,4758	-0,7346	2,0514	0,1333	-24,996
97	97	115	INERZIA	-3,9807	-1,4143	-2,8171	-5,6998	-50,555
97	97	105	INERZIA	-6,7275	-2,081	-4,0103	-8,3213	-37,447
97	97	104	INERZIA	-5,4308	-1,4013	-1,2775	-5,9036	-18,645
97	97	114	INCRSIS	4,4848	-6,9239	19,3356	1,2567	-24,996
97	97	115	INCRSIS	-37,5196	-13,3303	-26,5526	-53,7224	-50,555
97	97	105	INCRSIS	-63,4095	-19,6142	-37,7986	-78,4311	-37,447
97	97	104	INCRSIS	-51,1869	-13,2078	-12,0413	-55,6432	-18,645
98	98	115	PP	0	0	0	0	0
98	98	116	PP	0	0	0	0	0
98	98	106	PP	0	0	0	0	0
98	98	105	PP	0	0	0	0	0
98	98	115	STER	-36,3682	-14,847	-9,3912	-44,5394	-28,827
98	98	116	STER	-45,5554	-17,6396	-25,6528	-61,1893	-41,55
98	98	106	STER	-56,6273	-19,2478	-32,648	-72,0772	-38,754
98	98	105	STER	-47,7917	-16,4553	-17,7316	-56,7995	-28,697
98	98	115	SSOVR	-6,2819	-3,2319	-3,2722	-9,7525	-47,039
98	98	116	SSOVR	-8,6872	-3,8715	-6,131	-14,5508	-56,565
98	98	106	SSOVR	-13,1158	-4,3478	-9,1971	-17,9397	-47,972
98	98	105	SSOVR	-10,8281	-3,7082	-6,1828	-13,7882	-38,599
98	98	115	INERZIA	-3,9136	-2,0135	-2,0386	-6,0758	-47,039
98	98	116	INERZIA	-5,4121	-2,412	-3,8196	-9,0651	-56,565



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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
98	98	106	INERZIA	-8,1711	-2,7087	-5,7298	-11,1764	-47,972
98	98	105	INERZIA	-6,7459	-2,3102	-3,8519	-8,59	-38,599
98	98	115	INCRSIS	-36,8873	-18,9779	-19,2146	-57,2667	-47,039
98	98	116	INCRSIS	-51,0114	-22,7336	-36,0012	-85,4423	-56,565
98	98	106	INCRSIS	-77,0158	-25,5301	-54,0056	-105,3418	-47,972
98	98	105	INCRSIS	-63,5828	-21,7744	-36,3051	-80,9642	-38,599
99	99	116	PP	0	0	0	0	0
99	99	117	PP	0	0	0	0	0
99	99	107	PP	0	0	0	0	0
99	99	106	PP	0	0	0	0	0
99	99	116	STER	-45,6952	-20,2781	-23,4776	-64,2031	-42,387
99	99	117	STER	-52,4733	-21,1067	-35,7211	-79,0664	-51,561
99	99	107	STER	-58,371	-21,3666	-39,2391	-82,2333	-48,158
99	99	106	STER	-56,6013	-20,538	-31,2979	-73,2714	-39,065
99	99	116	SSOVR	-8,718	-4,5182	-5,6003	-15,2659	-55,393
99	99	117	SSOVR	-10,3714	-4,79	-7,6404	-18,7728	-60,31
99	99	107	SSOVR	-13,7572	-4,9589	-10,1171	-20,5127	-53,72
99	99	106	SSOVR	-13,1098	-4,6871	-8,8426	-18,2582	-47,685
99	99	116	INERZIA	-5,4313	-2,8149	-3,489	-9,5107	-55,393
99	99	117	INERZIA	-6,4614	-2,9842	-4,7599	-11,6954	-60,31
99	99	107	INERZIA	-8,5707	-3,0894	-6,3029	-12,7794	-53,72
99	99	106	INERZIA	-8,1674	-2,9201	-5,509	-11,3749	-47,685
99	99	116	INCRSIS	-51,1919	-26,531	-32,8848	-89,6413	-55,393
99	99	117	INCRSIS	-60,9007	-28,127	-44,8641	-110,2336	-60,31
99	99	107	INCRSIS	-80,7822	-29,1188	-59,4075	-120,4509	-53,72
99	99	106	INCRSIS	-76,9806	-27,5228	-51,924	-107,2122	-47,685
100	100	117	PP	0	0	0	0	0
100	100	118	PP	0	0	0	0	0
100	100	108	PP	0	0	0	0	0
100	100	107	PP	0	0	0	0	0
100	100	117	STER	-52,4419	-21,7242	-35,039	-79,5604	-51,302
100	100	118	STER	-52,2934	-20,8253	-39,3357	-85,7636	-58,11
100	100	108	STER	-55,3554	-19,6367	-41,6922	-83,5772	-55,17
100	100	107	STER	-58,3811	-20,5356	-40,0926	-81,4398	-48,313
100	100	117	SSOVR	-10,3649	-5,0338	-7,4161	-18,958	-59,638
100	100	118	SSOVR	-10,5666	-4,9913	-7,9297	-20,0143	-62,152
100	100	108	SSOVR	-13,2339	-4,861	-10,0717	-20,7065	-56,955
100	100	107	SSOVR	-13,7586	-4,9035	-10,1733	-20,465	-53,827
100	100	117	INERZIA	-6,4573	-3,1361	-4,6202	-11,8108	-59,638
100	100	118	INERZIA	-6,583	-3,1096	-4,9402	-12,4689	-62,152
100	100	108	INERZIA	-8,2447	-3,0284	-6,2747	-12,9001	-56,955
100	100	107	INERZIA	-8,5716	-3,0549	-6,3379	-12,7497	-53,827
100	100	117	INCRSIS	-60,8625	-29,5585	-43,5474	-111,3214	-59,638
100	100	118	INCRSIS	-62,0472	-29,3089	-46,5632	-117,5242	-62,152
100	100	108	INCRSIS	-77,7097	-28,544	-59,1412	-121,5884	-56,955
100	100	107	INCRSIS	-80,7904	-28,7936	-59,7374	-120,1705	-53,827
101	101	118	PP	0	0	0	0	0
101	101	119	PP	0	0	0	0	0
101	101	109	PP	0	0	0	0	0
101	101	108	PP	0	0	0	0	0
101	101	118	STER	-52,3122	-19,8706	-40,2275	-84,985	-58,693
101	101	119	STER	-47,277	-17,9543	-37,9397	-81,8008	-62,523
101	101	109	STER	-48,4931	-15,6125	-39,6142	-75,9459	-60,373
101	101	108	STER	-55,3629	-17,5288	-43,6714	-81,6434	-56,297
101	101	118	SSOVR	-10,5703	-4,9747	-7,9503	-20,0159	-62,226
101	101	119	SSOVR	-9,6274	-4,7458	-7,183	-18,8413	-62,749
101	101	109	SSOVR	-11,7117	-4,3343	-9,0461	-18,7593	-58,409
101	101	108	SSOVR	-13,2351	-4,5632	-10,3451	-20,4402	-57,653
101	101	118	INERZIA	-6,5853	-3,0992	-4,9531	-12,4699	-62,226
101	101	119	INERZIA	-5,9979	-2,9566	-4,475	-11,7381	-62,749
101	101	109	INERZIA	-7,2964	-2,7002	-5,6357	-11,6871	-58,409
101	101	108	INERZIA	-8,2455	-2,8429	-6,445	-12,7342	-57,653
101	101	118	INCRSIS	-62,069	-29,2114	-46,6844	-117,5336	-62,226
101	101	119	INCRSIS	-56,532	-27,8672	-42,1785	-110,6362	-62,749
101	101	109	INCRSIS	-68,7711	-25,4508	-53,1189	-110,1547	-58,409
101	101	108	INCRSIS	-77,7167	-26,7949	-60,7467	-120,0248	-57,653
102	102	119	PP	0	0	0	0	0
102	102	120	PP	0	0	0	0	0

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
102	102	110	PP	0	0	0	0	0
102	102	109	PP	0	0	0	0	0
102	102	119	STER	-47,2796	-16,0486	-39,4752	-80,281	-64,066
102	102	120	STER	-37,86	-13,4979	-31,6138	-67,0282	-65,167
102	102	110	STER	-37,8783	-10,3487	-32,8541	-59,1942	-64,104
102	102	109	STER	-48,4982	-12,8994	-41,8946	-73,696	-62,891
102	102	119	SSOVR	-9,6278	-4,5633	-7,3313	-18,6954	-63,286
102	102	120	SSOVR	-7,6912	-4,2312	-5,3534	-15,3491	-61,079
102	102	110	SSOVR	-9,2016	-3,5983	-6,8739	-14,7641	-57,102
102	102	109	SSOVR	-11,7127	-3,9304	-9,4048	-18,4064	-59,579
102	102	119	INERZIA	-5,9981	-2,8429	-4,5674	-11,6472	-63,286
102	102	120	INERZIA	-4,7916	-2,636	-3,3351	-9,5625	-61,079
102	102	110	INERZIA	-5,7326	-2,2417	-4,2824	-9,198	-57,102
102	102	109	INERZIA	-7,297	-2,4487	-5,8592	-11,4672	-59,579
102	102	119	INCRSIS	-56,5343	-26,7957	-43,0492	-109,7793	-63,286
102	102	120	INCRSIS	-45,1624	-24,8453	-31,435	-90,13	-61,079
102	102	110	INCRSIS	-54,0317	-21,1291	-40,3636	-86,6947	-57,102
102	102	109	INCRSIS	-68,7767	-23,0796	-55,2248	-108,0823	-59,579
103	103	120	PP	0	0	0	0	0
103	103	121	PP	0	0	0	0	0
103	103	111	PP	0	0	0	0	0
103	103	110	PP	0	0	0	0	0
103	103	120	STER	-37,868	-10,639	-33,6953	-64,9941	-68,585
103	103	121	STER	-19,986	-7,2772	-14,7909	-30,1796	-54,477
103	103	111	STER	-19,305	-3,674	-15,4307	-22,789	-43,48
103	103	110	STER	-37,8858	-7,0358	-35,2716	-56,822	-69,617
103	103	120	SSOVR	-7,6926	-3,8931	-5,6388	-15,0722	-62,186
103	103	121	SSOVR	-3,8949	-3,4125	-0,7214	-7,5644	-47,079
103	103	111	SSOVR	-4,6717	-2,6282	-1,471	-6,8297	-39,39
103	103	110	SSOVR	-9,2031	-3,1087	-7,3177	-14,3291	-58,765
103	103	120	INERZIA	-4,7925	-2,4254	-3,513	-9,39	-62,186
103	103	121	INERZIA	-2,4265	-2,126	-0,4494	-4,7126	-47,079
103	103	111	INERZIA	-2,9105	-1,6374	-0,9164	-4,2549	-39,39
103	103	110	INERZIA	-5,7335	-1,9367	-4,559	-8,927	-58,765
103	103	120	INCRSIS	-45,1708	-22,8602	-33,111	-88,5038	-62,186
103	103	121	INCRSIS	-22,8706	-20,0384	-4,2359	-44,4184	-47,079
103	103	111	INCRSIS	-27,4324	-15,4326	-8,6376	-40,1043	-39,39
103	103	110	INCRSIS	-54,0404	-18,2544	-42,9698	-84,1404	-58,765
104	104	121	PP	0	0	0	0	0
104	104	122	PP	0	0	0	0	0
104	104	112	PP	0	0	0	0	0
104	104	111	PP	0	0	0	0	0
104	104	121	STER	-20,0089	-4,0392	-17,7798	-27,328	-61,107
104	104	122	STER	2,9736	-1,7125	40,5467	2,8956	-2,61
104	104	112	STER	3,3993	1,5491	43,3667	3,3393	2,22
104	104	111	STER	-19,3279	-0,7776	-18,3868	-19,9703	-39,565
104	104	121	SSOVR	-3,9	-2,8969	-1,2501	-7,0669	-47,549
104	104	122	SSOVR	1,0185	-2,3725	10,853	0,4461	-13,563
104	104	112	SSOVR	0,91	-1,6313	11,5559	0,66	-8,712
104	104	111	SSOVR	-4,6782	-2,1558	-1,9549	-6,3848	-38,366
104	104	121	INERZIA	-2,4297	-1,8048	-0,7788	-4,4027	-47,549
104	104	122	INERZIA	0,6345	-1,478	6,7614	0,2779	-13,563
104	104	112	INERZIA	0,5669	-1,0163	7,1993	0,4112	-8,712
104	104	111	INERZIA	-2,9145	-1,3431	-1,2179	-3,9777	-38,366
104	104	121	INCRSIS	-22,901	-17,0106	-7,3403	-41,4967	-47,549
104	104	122	INCRSIS	5,9804	-13,9311	63,729	2,6197	-13,563
104	104	112	INCRSIS	5,3436	-9,5793	67,8562	3,8757	-8,712
104	104	111	INCRSIS	-27,4705	-12,6588	-11,4794	-37,4914	-38,366
105	105	122	PP	0	0	0	0	0
105	105	123	PP	0	0	0	0	0
105	105	113	PP	0	0	0	0	0
105	105	112	PP	0	0	0	0	0
105	105	122	STER	2,9284	0,521	40,2501	2,9212	0,8
105	105	123	STER	31,6017	0,1221	158,0084	31,6015	0,055
105	105	113	STER	30,7483	1,6362	153,7634	30,7266	0,762
105	105	112	STER	3,3548	2,035	43,1879	3,2508	2,925
105	105	122	SSOVR	1,0091	-1,5526	10,488	0,7547	-9,302
105	105	123	SSOVR	7,1445	-0,6888	35,7392	7,1279	-1,38



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
105	105	113	SSOVR	7,5337	-0,3405	37,6725	7,5299	-0,647
105	105	112	SSOVR	0,8979	-1,2042	11,3838	0,7596	-6,551
105	105	122	INERZIA	0,6286	-0,9673	6,534	0,4702	-9,302
105	105	123	INERZIA	4,451	-0,4291	22,2655	4,4407	-1,38
105	105	113	INERZIA	4,6935	-0,2121	23,47	4,6911	-0,647
105	105	112	INERZIA	0,5594	-0,7502	7,0921	0,4733	-6,551
105	105	122	INCRSIS	5,9252	-9,1169	61,5856	4,4318	-9,302
105	105	123	INCRSIS	41,9526	-4,0448	209,8604	41,8552	-1,38
105	105	113	INCRSIS	44,2381	-1,9992	221,2131	44,2155	-0,647
105	105	112	INCRSIS	5,2726	-7,0713	66,8458	4,4606	-6,551
106	106	124	PP	0	0	0	0	0
106	106	115	PP	0	0	0	0	0
106	106	114	PP	0	0	0	0	0
106	106	124	STER	4,207	2,5329	9,0678	2,8872	27,523
106	106	115	STER	-37,9661	-4,2321	-18,6931	-38,8954	-12,385
106	106	114	STER	-14,0444	3,6578	19,2086	-14,4468	6,277
106	106	124	SSOVR	3,5089	0,8729	3,6775	-1,0112	79,07
106	106	115	SSOVR	-6,8533	-0,9463	-6,1322	-8,0951	-52,692
106	106	114	SSOVR	-0,5151	0,9116	2,7424	-0,7702	15,634
106	106	124	INERZIA	2,1861	0,5438	2,2911	-0,63	79,07
106	106	115	INERZIA	-4,2696	-0,5895	-3,8204	-5,0432	-52,692
106	106	114	INERZIA	-0,3209	0,5679	1,7085	-0,4798	15,634
106	106	124	INCRSIS	20,6043	5,1255	21,5941	-5,938	79,07
106	106	115	INCRSIS	-40,2424	-5,5565	-36,0082	-47,5342	-52,692
106	106	114	INCRSIS	-3,0245	5,3528	16,1036	-4,5224	15,634
107	107	124	PP	0	0	0	0	0
107	107	125	PP	0	0	0	0	0
107	107	116	PP	0	0	0	0	0
107	107	115	PP	0	0	0	0	0
107	107	124	STER	5,2104	-5,8417	15,9442	2,0312	-28,557
107	107	125	STER	-27,7383	-11,4508	-18,5463	-42,003	-51,245
107	107	116	STER	-44,9104	-16,9656	-25,965	-60,103	-41,844
107	107	115	STER	-37,6034	-11,3564	-12,6425	-42,7703	-24,464
107	107	124	SSOVR	3,6994	-1,2661	4,1011	-0,2917	-72,4
107	107	125	SSOVR	-3,0212	-2,484	-2,2153	-10,6777	-72,025
107	107	116	SSOVR	-8,5242	-3,6252	-6,231	-14,2551	-57,684
107	107	115	SSOVR	-6,7456	-2,4073	-4,3829	-9,1983	-45,535
107	107	124	INERZIA	2,3047	-0,7888	2,555	-0,1817	-72,4
107	107	125	INERZIA	-1,8822	-1,5475	-1,3801	-6,6522	-72,025
107	107	116	INERZIA	-5,3106	-2,2585	-3,8819	-8,8809	-57,684
107	107	115	INERZIA	-4,2025	-1,4997	-2,7306	-5,7305	-45,535
107	107	124	INCRSIS	21,723	-7,4345	24,0814	-1,713	-72,4
107	107	125	INCRSIS	-17,7405	-14,5861	-13,0083	-62,6997	-72,025
107	107	116	INCRSIS	-50,054	-21,287	-36,5886	-83,706	-57,684
107	107	115	INCRSIS	-39,6101	-14,1354	-25,7364	-54,0122	-45,535
108	108	125	PP	0	0	0	0	0
108	108	126	PP	0	0	0	0	0
108	108	117	PP	0	0	0	0	0
108	108	116	PP	0	0	0	0	0
108	108	125	STER	-27,3458	-16,3566	-12,6469	-45,5471	-48,056
108	108	126	STER	-37,6271	-18,9585	-25,2602	-66,6905	-56,883
108	108	117	STER	-52,578	-20,8373	-36,0558	-78,8574	-51,589
108	108	116	STER	-45,0502	-18,2355	-25,1481	-61,7586	-42,498
108	108	125	SSOVR	-2,9378	-3,4297	-1,4655	-10,9272	-66,767
108	108	126	SSOVR	-5,4031	-4,0237	-3,7771	-15,3601	-67,996
108	108	117	SSOVR	-10,3988	-4,5794	-7,8428	-18,6032	-60,832
108	108	116	SSOVR	-8,5549	-3,9853	-5,9703	-14,7002	-57,036
108	108	125	INERZIA	-1,8303	-2,1367	-0,913	-6,8077	-66,767
108	108	126	INERZIA	-3,3661	-2,5068	-2,3531	-9,5693	-67,996
108	108	117	INERZIA	-6,4785	-2,8529	-4,8861	-11,5898	-60,832
108	108	116	INERZIA	-5,3297	-2,4829	-3,7195	-9,1582	-57,036
108	108	125	INCRSIS	-17,2509	-20,1393	-8,6054	-64,1646	-66,767
108	108	126	INCRSIS	-31,727	-23,6274	-22,1789	-90,1944	-67,996
108	108	117	INCRSIS	-61,0619	-26,8901	-46,053	-109,2382	-60,832
108	108	116	INCRSIS	-50,2345	-23,4019	-35,0578	-86,3195	-57,036
109	109	126	PP	0	0	0	0	0
109	109	127	PP	0	0	0	0	0
109	109	118	PP	0	0	0	0	0



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
109	109	117	PP	0	0	0	0	0
109	109	126	STER	-37,7491	-21,7638	-22,943	-69,7401	-55,772
109	109	127	STER	-43,4381	-22,4967	-31,0262	-84,2137	-61,114
109	109	118	STER	-52,1833	-22,4615	-37,773	-87,1943	-57,318
109	109	117	STER	-52,5466	-21,7286	-35,1066	-79,6184	-51,248
109	109	126	SSOVR	-5,4231	-4,7208	-3,3062	-15,9509	-65,848
109	109	127	SSOVR	-6,7913	-5,03	-4,6283	-18,4882	-66,731
109	109	118	SSOVR	-10,5489	-5,1872	-7,7523	-20,1704	-61,67
109	109	117	SSOVR	-10,3923	-4,878	-7,5734	-18,8336	-59,977
109	109	126	INERZIA	-3,3786	-2,9411	-2,0598	-9,9374	-65,848
109	109	127	INERZIA	-4,231	-3,1337	-2,8834	-11,5182	-66,731
109	109	118	INERZIA	-6,5719	-3,2316	-4,8297	-12,5662	-61,67
109	109	117	INERZIA	-6,4744	-3,039	-4,7182	-11,7334	-59,977
109	109	126	INCRSIS	-31,8444	-27,7206	-19,4141	-93,6638	-65,848
109	109	127	INCRSIS	-39,8786	-29,536	-27,1773	-108,5629	-66,731
109	109	118	INCRSIS	-61,9429	-30,4592	-45,5216	-118,4406	-61,67
109	109	117	INCRSIS	-61,0237	-28,6438	-44,4711	-110,5911	-59,977
110	110	127	PP	0	0	0	0	0
110	110	128	PP	0	0	0	0	0
110	110	119	PP	0	0	0	0	0
110	110	118	PP	0	0	0	0	0
110	110	127	STER	-43,4259	-23,1435	-30,4529	-84,7135	-60,727
110	110	128	STER	-41,9795	-22,3813	-30,6889	-86,3458	-63,231
110	110	119	STER	-47,2382	-20,6826	-35,624	-84,07	-60,684
110	110	118	STER	-52,2021	-21,4449	-38,7335	-86,3469	-57,869
110	110	127	SSOVR	-6,7891	-5,3305	-4,4035	-18,6997	-65,89
110	110	128	SSOVR	-6,7518	-5,3651	-4,285	-18,4204	-65,308
110	110	119	SSOVR	-9,6226	-5,1959	-6,807	-19,2115	-61,548
110	110	118	SSOVR	-10,5526	-5,1613	-7,7809	-20,164	-61,764
110	110	127	INERZIA	-4,2296	-3,3209	-2,7434	-11,6499	-65,89
110	110	128	INERZIA	-4,2064	-3,3424	-2,6696	-11,4759	-65,308
110	110	119	INERZIA	-5,9949	-3,2371	-4,2408	-11,9688	-61,548
110	110	118	INERZIA	-6,5743	-3,2155	-4,8475	-12,5622	-61,764
110	110	127	INCRSIS	-39,8656	-31,3005	-25,8574	-109,8049	-65,89
110	110	128	INCRSIS	-39,6467	-31,5037	-25,1616	-108,1645	-65,308
110	110	119	INCRSIS	-56,5037	-30,5105	-39,971	-112,8098	-61,548
110	110	118	INCRSIS	-61,9647	-30,3073	-45,6897	-118,4031	-61,764
111	111	128	PP	0	0	0	0	0
111	111	129	PP	0	0	0	0	0
111	111	120	PP	0	0	0	0	0
111	111	119	PP	0	0	0	0	0
111	111	128	STER	-41,9954	-21,6892	-31,2708	-85,8592	-63,689
111	111	129	STER	-35,3642	-19,9438	-25,6012	-76,1053	-63,917
111	111	120	STER	-37,8257	-17,0395	-28,7574	-69,8432	-61,979
111	111	119	STER	-47,2408	-18,7849	-37,2277	-82,4819	-61,941
111	111	128	SSOVR	-6,7546	-5,4473	-4,2272	-18,495	-65,11
111	111	129	SSOVR	-5,6869	-5,3194	-2,9277	-15,9421	-62,584
111	111	120	SSOVR	-7,6866	-4,8893	-4,7815	-15,9155	-59,283
111	111	119	SSOVR	-9,623	-5,0172	-6,9568	-19,0641	-62,013
111	111	128	INERZIA	-4,2081	-3,3936	-2,6336	-11,5224	-65,11
111	111	129	INERZIA	-3,543	-3,314	-1,824	-9,9319	-62,584
111	111	120	INERZIA	-4,7888	-3,0461	-2,9789	-9,9154	-59,283
111	111	119	INERZIA	-5,9951	-3,1257	-4,3341	-11,8769	-62,013
111	111	128	INCRSIS	-39,6632	-31,9863	-24,8223	-108,6029	-65,11
111	111	129	INCRSIS	-33,3937	-31,2357	-17,1915	-93,6122	-62,584
111	111	120	INCRSIS	-45,1358	-28,7102	-28,0772	-93,4558	-59,283
111	111	119	INCRSIS	-56,506	-29,4607	-40,8501	-111,9444	-62,013
112	112	129	PP	0	0	0	0	0
112	112	130	PP	0	0	0	0	0
112	112	121	PP	0	0	0	0	0
112	112	120	PP	0	0	0	0	0
112	112	129	STER	-35,3658	-17,875	-27,2038	-74,5126	-65,458
112	112	130	STER	-19,884	-14,7991	-10,0534	-42,1627	-56,405
112	112	121	STER	-19,9709	-11,1365	-11,0613	-33,891	-51,339
112	112	120	STER	-37,8336	-14,2125	-31,0477	-67,6005	-64,477
112	112	129	SSOVR	-5,687	-5,1691	-3,0502	-15,8201	-62,973
112	112	130	SSOVR	-2,9605	-4,7877	0,7985	-9,0584	-51,863
112	112	121	SSOVR	-3,8926	-4,179	0,0449	-8,328	-46,705



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
112	112	120	SSOVR	-7,688	-4,5604	-5,0709	-15,6346	-60,149
112	112	129	INERZIA	-3,543	-3,2203	-1,9002	-9,8559	-62,973
112	112	130	INERZIA	-1,8444	-2,9827	0,4975	-5,6434	-51,863
112	112	121	INERZIA	-2,4251	-2,6035	0,0279	-5,1883	-46,705
112	112	120	INERZIA	-4,7896	-2,8411	-3,1592	-9,7404	-60,149
112	112	129	INCRSIS	-33,3941	-30,3528	-17,9105	-92,8955	-62,973
112	112	130	INCRSIS	-17,3842	-28,1132	4,6887	-53,1907	-51,863
112	112	121	INCRSIS	-22,8574	-24,5391	0,2634	-48,9019	-46,705
112	112	120	INCRSIS	-45,1442	-26,7787	-29,7763	-91,8066	-60,149
113	113	130	PP	0	0	0	0	0
113	113	131	PP	0	0	0	0	0
113	113	122	PP	0	0	0	0	0
113	113	121	PP	0	0	0	0	0
113	113	130	STER	-19,9089	-11,4103	-13,1613	-39,2041	-59,402
113	113	131	STER	1,9876	-8,194	35,6357	-0,0078	-13,686
113	113	122	STER	2,9362	-4,6976	41,0403	2,3571	-7,028
113	113	121	STER	-19,9938	-7,9139	-14,23	-30,8597	-53,934
113	113	130	SSOVR	-2,9649	-4,2729	0,2893	-8,5753	-52,707
113	113	131	SSOVR	0,9963	-3,5828	9,817	-0,4589	-22,106
113	113	122	SSOVR	1,0203	-2,9772	11,1556	0,1458	-16,37
113	113	121	SSOVR	-3,8978	-3,6673	-0,4806	-7,8336	-47,022
113	113	130	INERZIA	-1,8471	-2,662	0,1802	-5,3424	-52,707
113	113	131	INERZIA	0,6207	-2,2321	6,116	-0,2859	-22,106
113	113	122	INERZIA	0,6357	-1,8548	6,95	0,0908	-16,37
113	113	121	INERZIA	-2,4283	-2,2847	-0,2994	-4,8803	-47,022
113	113	130	INCRSIS	-17,4098	-25,0903	1,6988	-50,3541	-52,707
113	113	131	INCRSIS	5,8503	-21,0379	57,6452	-2,6949	-22,106
113	113	122	INCRSIS	5,9913	-17,4822	65,5058	0,856	-16,37
113	113	121	INCRSIS	-22,8878	-21,5345	-2,8223	-45,9989	-47,022
114	114	131	PP	0	0	0	0	0
114	114	132	PP	0	0	0	0	0
114	114	123	PP	0	0	0	0	0
114	114	122	PP	0	0	0	0	0
114	114	131	STER	1,943	-4,2015	33,9687	1,3918	-7,474
114	114	132	STER	30,9838	-1,7541	154,944	30,959	-0,811
114	114	123	STER	31,6017	-0,0704	158,0083	31,6016	-0,032
114	114	122	STER	2,891	-2,5177	40,4043	2,7221	-3,84
114	114	131	SSOVR	0,9898	-2,455	9,0745	0,2443	-16,891
114	114	132	SSOVR	6,3678	-1,019	31,8798	6,3271	-2,287
114	114	123	SSOVR	7,1445	-0,7277	35,7411	7,126	-1,458
114	114	122	SSOVR	1,0109	-2,1637	10,7164	0,5286	-12,568
114	114	131	INERZIA	0,6166	-1,5294	5,6534	0,1522	-16,891
114	114	132	INERZIA	3,9671	-0,6348	19,8611	3,9418	-2,287
114	114	123	INERZIA	4,451	-0,4534	22,2667	4,4395	-1,458
114	114	122	INERZIA	0,6298	-1,348	6,6763	0,3293	-12,568
114	114	131	INCRSIS	5,8119	-14,4155	53,2855	1,4346	-16,891
114	114	132	INCRSIS	37,3918	-5,9836	187,198	37,1528	-2,287
114	114	123	INCRSIS	41,9526	-4,2733	209,8718	41,8439	-1,458
114	114	122	INCRSIS	5,9361	-12,7052	62,9269	3,1037	-12,568
115	115	133	PP	0	0	0	0	0
115	115	125	PP	0	0	0	0	0
115	115	124	PP	0	0	0	0	0
115	115	133	STER	15,3517	3,3457	15,9116	-4,6392	80,499
115	115	125	STER	-29,7175	-4,5714	-26,5691	-36,3552	-55,445
115	115	124	STER	-1,8025	3,8093	12,3851	-2,8253	15,029
115	115	133	SSOVR	5,9596	0,913	6,0419	-4,1643	84,847
115	115	125	SSOVR	-3,5564	-0,9593	-3,4162	-10,1191	-81,684
115	115	124	SSOVR	2,9237	0,7047	3,0825	-0,204	77,302
115	115	133	INERZIA	3,7128	0,5688	3,7641	-2,5944	84,847
115	115	125	INERZIA	-2,2157	-0,5976	-2,1283	-6,3042	-81,684
115	115	124	INERZIA	1,8215	0,4391	1,9204	-0,1271	77,302
115	115	133	INCRSIS	34,9947	5,3609	35,4781	-24,4529	84,847
115	115	125	INCRSIS	-20,8834	-5,633	-20,06	-59,4195	-81,684
115	115	124	INCRSIS	17,1681	4,1383	18,1005	-1,198	77,302
116	116	133	PP	0	0	0	0	0
116	116	134	PP	0	0	0	0	0
116	116	126	PP	0	0	0	0	0
116	116	125	PP	0	0	0	0	0

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Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
116	116	133	STER	16,6325	-6,2362	18,9692	-0,0115	-69,46
116	116	134	STER	-17,8562	-12,4797	-12,9613	-49,6734	-68,583
116	116	126	STER	-36,8354	-18,3119	-25,2419	-65,7589	-57,662
116	116	125	STER	-29,3249	-12,0684	-18,1178	-42,3909	-47,273
116	116	133	SSOVR	6,2766	-1,23	6,4458	-2,6661	-82,169
116	116	134	SSOVR	-0,2682	-2,5656	0,2941	-11,9735	-77,637
116	116	126	SSOVR	-5,231	-3,7515	-3,8082	-15,1225	-69,23
116	116	125	SSOVR	-3,4731	-2,4159	-2,631	-10,404	-70,783
116	116	133	INERZIA	3,9103	-0,7663	4,0157	-1,661	-82,169
116	116	134	INERZIA	-0,1671	-1,5984	0,1832	-7,4595	-77,637
116	116	126	INERZIA	-3,2589	-2,3372	-2,3725	-9,4213	-69,23
116	116	125	INERZIA	-2,1637	-1,5051	-1,6391	-6,4817	-70,783
116	116	133	INCRSIS	36,8562	-7,2224	37,8496	-15,6552	-82,169
116	116	134	INCRSIS	-1,5748	-15,0652	1,7272	-70,3084	-77,637
116	116	126	INCRSIS	-30,7167	-22,0289	-22,3618	-88,7991	-69,23
116	116	125	INCRSIS	-20,3938	-14,1861	-15,449	-61,0925	-70,783
117	117	134	PP	0	0	0	0	0
117	117	135	PP	0	0	0	0	0
117	117	127	PP	0	0	0	0	0
117	117	126	PP	0	0	0	0	0
117	117	134	STER	-17,5665	-17,7435	-8,5217	-52,3745	-62,99
117	117	135	STER	-27,6006	-20,4466	-18,296	-72,5317	-65,531
117	117	127	STER	-43,6377	-22,3887	-31,28	-84,1994	-61,103
117	117	126	STER	-36,9574	-19,6855	-24,2588	-67,4743	-57,175
117	117	134	SSOVR	-0,2367	-3,5937	0,8319	-12,3223	-73,44
117	117	135	SSOVR	-2,455	-4,2245	-1,0717	-15,3566	-71,869
117	117	127	SSOVR	-6,8374	-4,7982	-4,8352	-18,3366	-67,351
117	117	126	SSOVR	-5,251	-4,1674	-3,5557	-15,495	-67,863
117	117	134	INERZIA	-0,1475	-2,2389	0,5183	-7,6768	-73,44
117	117	135	INERZIA	-1,5295	-2,6319	-0,6677	-9,5671	-71,869
117	117	127	INERZIA	-4,2597	-2,9893	-3,0123	-11,4237	-67,351
117	117	126	INERZIA	-3,2714	-2,5963	-2,2152	-9,6534	-67,863
117	117	134	INCRSIS	-1,3898	-21,1025	4,8852	-72,3564	-73,44
117	117	135	INCRSIS	-14,4156	-24,8065	-6,2929	-90,1738	-71,869
117	117	127	INCRSIS	-40,149	-28,1752	-28,3924	-107,6723	-67,351
117	117	126	INCRSIS	-30,8341	-24,4712	-20,8788	-90,9868	-67,863
118	118	135	PP	0	0	0	0	0
118	118	136	PP	0	0	0	0	0
118	118	128	PP	0	0	0	0	0
118	118	127	PP	0	0	0	0	0
118	118	135	STER	-27,6913	-23,3293	-16,2231	-75,149	-63,822
118	118	136	STER	-32,118	-24,1584	-20,9753	-84,4956	-65,239
118	118	128	STER	-41,8908	-24,1842	-29,1461	-87,7822	-62,211
118	118	127	STER	-43,6255	-23,3551	-30,4333	-84,9727	-60,54
118	118	135	SSOVR	-2,4656	-4,9368	-0,6443	-15,8475	-69,75
118	118	136	SSOVR	-3,5709	-5,283	-1,4765	-16,8966	-68,374
118	118	128	SSOVR	-6,7406	-5,509	-4,1655	-18,5264	-64,947
118	118	127	SSOVR	-6,8351	-5,1628	-4,5677	-18,5908	-66,29
118	118	135	INERZIA	-1,5361	-3,0756	-0,4014	-9,873	-69,75
118	118	136	INERZIA	-2,2247	-3,2913	-0,9198	-10,5266	-68,374
118	118	128	INERZIA	-4,1994	-3,4321	-2,5951	-11,5419	-64,947
118	118	127	INERZIA	-4,2583	-3,2165	-2,8457	-11,5821	-66,29
118	118	135	INCRSIS	-14,4778	-28,989	-3,7833	-93,0567	-69,75
118	118	136	INCRSIS	-20,9682	-31,0216	-8,6697	-99,2169	-68,374
118	118	128	INCRSIS	-39,5806	-32,3488	-24,46	-108,7869	-64,947
118	118	127	INCRSIS	-40,136	-30,3162	-26,8217	-109,1651	-66,29
119	119	136	PP	0	0	0	0	0
119	119	137	PP	0	0	0	0	0
119	119	129	PP	0	0	0	0	0
119	119	128	PP	0	0	0	0	0
119	119	136	STER	-32,0908	-24,9146	-20,3493	-84,9581	-64,767
119	119	137	STER	-29,8369	-24,3072	-18,1255	-80,287	-64,275
119	119	129	STER	-35,3372	-22,815	-23,255	-78,4192	-62,096
119	119	128	STER	-41,9067	-23,4225	-29,8004	-87,2231	-62,667
119	119	136	SSOVR	-3,567	-5,6135	-1,2401	-17,1095	-67,485
119	119	137	SSOVR	-3,5202	-5,7073	-0,7995	-15,4928	-64,513
119	119	129	SSOVR	-5,6856	-6,6718	-2,6355	-16,2327	-61,73
119	119	128	SSOVR	-6,7434	-5,5781	-4,1172	-18,5915	-64,789



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
119	119	136	INERZIA	-2,2222	-3,4972	-0,7726	-10,6592	-67,485
119	119	137	INERZIA	-2,1931	-3,5556	-0,4981	-9,652	-64,513
119	119	129	INERZIA	-3,5421	-3,5335	-1,6419	-10,113	-61,73
119	119	128	INERZIA	-4,2011	-3,4751	-2,565	-11,5825	-64,789
119	119	136	INCRSIS	-20,9451	-32,9627	-7,2817	-100,4668	-67,485
119	119	137	INCRSIS	-20,6703	-33,5131	-4,6949	-90,9737	-64,513
119	119	129	INCRSIS	-33,3858	-33,3047	-15,4759	-95,3183	-61,73
119	119	128	INCRSIS	-39,5971	-32,7544	-24,1765	-109,1694	-64,789
120	120	137	PP	0	0	0	0	0
120	120	138	PP	0	0	0	0	0
120	120	130	PP	0	0	0	0	0
120	120	129	PP	0	0	0	0	0
120	120	137	STER	-29,8494	-23,4755	-18,7932	-79,6946	-64,781
120	120	138	STER	-18,4985	-21,0395	-5,422	-52,3504	-58,138
120	120	130	STER	-19,8555	-18,3631	-6,698	-45,4838	-54,378
120	120	129	STER	-35,3389	-20,7991	-24,9007	-76,7833	-63,35
120	120	137	SSOVR	-3,5218	-5,784	-0,7427	-15,5597	-64,336
120	120	138	SSOVR	-2,0078	-5,5444	1,8489	-9,9786	-55,178
120	120	130	SSOVR	-2,9567	-5,2922	1,2925	-9,5478	-51,238
120	120	129	SSOVR	-5,6857	-5,5317	-2,7521	-16,1166	-62,062
120	120	137	INERZIA	-2,1941	-3,6034	-0,4627	-9,6937	-64,336
120	120	138	INERZIA	-1,2508	-3,4542	1,1519	-6,2167	-55,178
120	120	130	INERZIA	-1,842	-3,297	0,8052	-5,9483	-51,238
120	120	129	INERZIA	-3,5422	-3,4463	-1,7145	-10,0406	-62,062
120	120	137	INCRSIS	-20,6801	-33,9637	-4,3611	-91,3664	-64,336
120	120	138	INCRSIS	-11,7896	-32,5569	10,8566	-58,5944	-55,178
120	120	130	INCRSIS	-17,3617	-31,0756	7,5897	-56,0647	-51,238
120	120	129	INCRSIS	-33,3862	-32,4824	-16,1601	-94,6366	-62,062
121	121	138	PP	0	0	0	0	0
121	121	139	PP	0	0	0	0	0
121	121	131	PP	0	0	0	0	0
121	121	130	PP	0	0	0	0	0
121	121	138	STER	-18,5191	-17,8925	-8,238	-49,6581	-60,118
121	121	139	STER	0,7528	-14,0183	30,3559	-5,8855	-25,34
121	121	131	STER	2,0231	-11,119	37,1655	-1,495	-17,557
121	121	130	STER	-19,8804	-14,9932	-9,9083	-42,4229	-56,372
121	121	138	SSOVR	-2,0101	-5,1014	1,4304	-9,5742	-56,003
121	121	139	SSOVR	0,8748	-4,3268	8,4414	-1,5994	-29,762
121	121	131	SSOVR	1,0125	-4,0052	10,1253	-0,7478	-23,726
121	121	130	SSOVR	-2,961	-4,7798	0,7825	-9,0639	-51,932
121	121	138	INERZIA	-1,2523	-3,1782	0,8911	-5,9647	-56,003
121	121	139	INERZIA	0,545	-2,6956	5,259	-0,9964	-29,762
121	121	131	INERZIA	0,6308	-2,4952	6,3081	-0,4659	-23,726
121	121	130	INERZIA	-1,8447	-2,9778	0,4875	-5,6468	-51,932
121	121	138	INCRSIS	-11,8034	-29,9554	8,3992	-56,2197	-56,003
121	121	139	INCRSIS	5,1367	-25,407	49,5681	-9,3917	-29,762
121	121	131	INCRSIS	5,9454	-23,5186	59,4558	-4,3913	-23,726
121	121	130	INCRSIS	-17,3873	-28,0669	4,5949	-53,2232	-51,932
122	122	139	PP	0	0	0	0	0
122	122	140	PP	0	0	0	0	0
122	122	132	PP	0	0	0	0	0
122	122	131	PP	0	0	0	0	0
122	122	139	STER	0,7091	-8,6668	26,4204	-2,2124	-18,628
122	122	140	STER	28,735	-3,4458	143,778	28,6317	-1,716
122	122	132	STER	30,9838	-1,9661	154,9503	30,9527	-0,909
122	122	131	STER	1,9785	-7,1871	34,9894	0,4138	-12,283
122	122	139	SSOVR	0,8705	-3,05	7,3759	-0,5595	-25,119
122	122	140	SSOVR	5,3591	-1,2129	26,8637	5,2906	-3,228
122	122	132	SSOVR	6,3678	-1,0464	31,882	6,3249	-2,348
122	122	131	SSOVR	1,006	-2,8834	9,331	0,0073	-19,104
122	122	139	INERZIA	0,5423	-1,9002	4,5952	-0,3485	-25,119
122	122	140	INERZIA	3,3387	-0,7557	16,7361	3,2961	-3,228
122	122	132	INERZIA	3,9671	-0,6519	19,8625	3,9404	-2,348
122	122	131	INERZIA	0,6267	-1,7964	5,8132	0,0045	-19,104
122	122	139	INCRSIS	5,1117	-17,9097	43,3113	-3,2852	-25,119
122	122	140	INCRSIS	31,4683	-7,1224	157,7435	31,0666	-3,228
122	122	132	INCRSIS	37,3918	-6,1442	187,2109	37,1398	-2,348
122	122	131	INCRSIS	5,9071	-16,9315	54,7915	0,0427	-19,104



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
123	123	141	PP	0	0	0	0	0
123	123	134	PP	0	0	0	0	0
123	123	133	PP	0	0	0	0	0
123	123	141	STER	25,9047	3,5919	26,2091	-16,4821	85,156
123	123	134	STER	-19,8989	-4,8478	-19,0014	-46,0844	-79,511
123	123	133	STER	9,5765	3,4224	10,7654	-0,2751	70,843
123	123	141	SSOVR	7,561	0,7733	7,6034	-6,5655	86,867
123	123	134	SSOVR	-0,6557	-0,9318	-0,5762	-11,5682	-85,12
123	123	133	SSOVR	5,1915	0,4525	5,2173	-2,7397	86,735
123	123	141	INERZIA	4,7105	0,4818	4,7369	-4,0903	86,867
123	123	134	INERZIA	-0,4085	-0,5805	-0,359	-7,207	-85,12
123	123	133	INERZIA	3,2343	0,2819	3,2504	-1,7069	86,735
123	123	141	INCRSIS	44,3984	4,5411	44,647	-38,5526	86,867
123	123	134	INCRSIS	-3,8505	-5,4714	-3,3833	-67,9287	-85,12
123	123	133	INCRSIS	30,4846	2,6568	30,6362	-16,0877	86,735
124	124	141	PP	0	0	0	0	0
124	124	142	PP	0	0	0	0	0
124	124	135	PP	0	0	0	0	0
124	124	134	PP	0	0	0	0	0
124	124	141	STER	27,8218	-6,6669	29,0682	-7,839	-79,411
124	124	142	STER	-8,3421	-13,6657	-4,5243	-57,2586	-74,391
124	124	135	STER	-26,75	-19,9306	-17,9447	-71,8623	-66,164
124	124	134	STER	-19,6092	-12,9318	-13,988	-49,3594	-66,506
124	124	141	SSOVR	8,0577	-1,2065	8,1769	-4,1588	-84,36
124	124	142	SSOVR	1,6022	-2,6731	2,1201	-12,1954	-79,036
124	124	135	SSOVR	-2,3078	-3,9416	-1,0983	-15,1533	-72,942
124	124	134	SSOVR	-0,6242	-2,475	-0,0798	-11,8756	-77,594
124	124	141	INERZIA	5,02	-0,7517	5,0942	-2,591	-84,36
124	124	142	INERZIA	0,9982	-1,6653	1,3208	-7,5977	-79,036
124	124	135	INERZIA	-1,4377	-2,4556	-0,6842	-9,4405	-72,942
124	124	134	INERZIA	-0,3889	-1,542	-0,0497	-7,3985	-77,594
124	124	141	INCRSIS	47,315	-7,0847	48,0147	-24,4207	-84,36
124	124	142	INCRSIS	9,4083	-15,6962	12,4491	-71,6115	-79,036
124	124	135	INCRSIS	-13,5511	-23,1449	-6,4493	-88,9801	-72,942
124	124	134	INCRSIS	-3,6655	-14,5334	-0,4685	-69,7336	-77,594
125	125	142	PP	0	0	0	0	0
125	125	143	PP	0	0	0	0	0
125	125	136	PP	0	0	0	0	0
125	125	135	PP	0	0	0	0	0
125	125	142	STER	-8,2866	-18,7807	-1,4641	-59,9855	-70,035
125	125	143	STER	-16,7424	-21,1778	-8,5752	-71,6576	-68,911
125	125	136	STER	-32,2816	-23,5734	-21,5592	-84,1081	-65,541
125	125	135	STER	-26,8407	-21,1763	-17,1649	-73,1865	-65,443
125	125	142	SSOVR	1,5765	-3,6866	2,5248	-12,7546	-75,574
125	125	143	SSOVR	-0,1512	-4,2388	1,1693	-13,7578	-72,697
125	125	136	SSOVR	-3,6061	-4,9016	-1,7644	-16,651	-69,406
125	125	135	SSOVR	-2,3184	-4,3493	-0,8765	-15,4386	-71,66
125	125	142	INERZIA	0,9821	-2,2967	1,573	-7,9461	-75,574
125	125	143	INERZIA	-0,0942	-2,6408	0,7285	-8,5711	-72,697
125	125	136	INERZIA	-2,2466	-3,0537	-1,0992	-10,3736	-69,406
125	125	135	INERZIA	-1,4443	-2,7096	-0,5461	-9,6183	-71,66
125	125	142	INCRSIS	9,2571	-21,6477	14,8258	-74,8951	-75,574
125	125	143	INCRSIS	-0,8877	-24,8905	6,8663	-80,7856	-72,697
125	125	136	INCRSIS	-21,1752	-28,7822	-10,3603	-97,7747	-69,406
125	125	135	INCRSIS	-13,6134	-25,5394	-5,1471	-90,6555	-71,66
126	126	143	PP	0	0	0	0	0
126	126	144	PP	0	0	0	0	0
126	126	137	PP	0	0	0	0	0
126	126	136	PP	0	0	0	0	0
126	126	143	STER	-16,8246	-24,3054	-6,528	-74,1982	-67,041
126	126	144	STER	-20,6667	-25,3932	-9,4458	-78,1324	-66,16
126	126	137	STER	-29,7598	-25,8024	-16,878	-81,4421	-63,469
126	126	136	STER	-32,2543	-24,7145	-20,6434	-84,8604	-64,836
126	126	143	SSOVR	-0,1571	-4,9344	1,5767	-14,2007	-70,64
126	126	144	SSOVR	-1,2462	-5,315	0,9636	-14,0297	-67,424
126	126	137	SSOVR	-3,5091	-5,6867	-0,8061	-15,473	-64,577
126	126	136	SSOVR	-3,6022	-5,3061	-1,4859	-16,906	-68,256
126	126	143	INERZIA	-0,0979	-3,0742	0,9823	-8,8471	-70,64



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
126	126	144	INERZIA	-0,7764	-3,3112	0,6003	-8,7405	-67,424
126	126	137	INERZIA	-2,1862	-3,5428	-0,5022	-9,6397	-64,577
126	126	136	INERZIA	-2,2442	-3,3057	-0,9257	-10,5324	-68,256
126	126	143	INCRSIS	-0,9226	-28,975	9,2582	-83,3868	-70,64
126	126	144	INCRSIS	-7,3176	-31,2097	5,6584	-82,3826	-67,424
126	126	137	INCRSIS	-20,6056	-33,3923	-4,7335	-90,8575	-64,577
126	126	136	INCRSIS	-21,1522	-31,1577	-8,7251	-99,2719	-68,256
127	127	144	PP	0	0	0	0	0
127	127	145	PP	0	0	0	0	0
127	127	138	PP	0	0	0	0	0
127	127	137	PP	0	0	0	0	0
127	127	144	STER	-20,6411	-26,1187	-8,8632	-78,5618	-65,728
127	127	145	STER	-15,4592	-24,7633	-1,2935	-58,7483	-60,229
127	127	138	STER	-18,4671	-23,5958	-3,0813	-54,6536	-56,893
127	127	137	STER	-29,7724	-24,9512	-17,5764	-80,8189	-63,951
127	127	144	SSOVR	-1,2431	-5,634	1,1982	-14,2456	-66,573
127	127	145	SSOVR	-1,0337	-5,5845	2,4053	-10,1023	-58,375
127	127	138	SSOVR	-2,0045	-5,7062	2,0032	-10,129	-54,918
127	127	137	SSOVR	-3,5108	-5,7558	-0,7553	-15,5338	-64,418
127	127	144	INERZIA	-0,7744	-3,51	0,7465	-8,875	-66,573
127	127	145	INERZIA	-0,644	-3,4791	1,4985	-6,2937	-58,375
127	127	138	INERZIA	-1,2488	-3,555	1,248	-6,3104	-54,918
127	127	137	INERZIA	-2,1872	-3,5858	-0,4706	-9,6776	-64,418
127	127	144	INCRSIS	-7,2993	-33,0831	7,0357	-83,6503	-66,573
127	127	145	INCRSIS	-6,0697	-32,7922	14,1239	-59,3206	-58,375
127	127	138	INCRSIS	-11,7704	-33,507	11,763	-59,4777	-54,918
127	127	137	INCRSIS	-20,6154	-33,7979	-4,4354	-91,2145	-64,418
128	128	145	PP	0	0	0	0	0
128	128	146	PP	0	0	0	0	0
128	128	139	PP	0	0	0	0	0
128	128	138	PP	0	0	0	0	0
128	128	145	STER	-15,4913	-22,4395	-3,332	-56,9025	-61,548
128	128	146	STER	-0,4792	-18,3805	25,0155	-13,7308	-35,79
128	128	139	STER	0,8106	-16,4166	32,2904	-7,7506	-27,542
128	128	138	STER	-18,4877	-20,4755	-5,9451	-51,9135	-58,51
128	128	145	SSOVR	-1,0379	-5,3048	2,1481	-9,8705	-59,011
128	128	146	SSOVR	0,7071	-4,557	6,8196	-2,6903	-36,706
128	128	139	SSOVR	0,8917	-4,519	8,6148	-1,7525	-30,333
128	128	138	SSOVR	-2,0068	-5,2667	1,5864	-9,7263	-55,696
128	128	145	INERZIA	-0,6466	-3,3049	1,3383	-6,1493	-59,011
128	128	146	INERZIA	0,4405	-2,839	4,2486	-1,6761	-36,706
128	128	139	INERZIA	0,5555	-2,8153	5,367	-1,0918	-30,333
128	128	138	INERZIA	-1,2503	-3,2812	0,9883	-6,0595	-55,696
128	128	145	INCRSIS	-6,0946	-31,1496	12,6136	-57,9595	-59,011
128	128	146	INCRSIS	4,1518	-26,759	40,0445	-15,7977	-36,706
128	128	139	INCRSIS	5,236	-26,5354	50,586	-10,2905	-30,333
128	128	138	INCRSIS	-11,7842	-30,926	9,3155	-57,1129	-55,696
129	129	146	PP	0	0	0	0	0
129	129	147	PP	0	0	0	0	0
129	129	140	PP	0	0	0	0	0
129	129	139	PP	0	0	0	0	0
129	129	146	STER	-0,5142	-12,2778	19,2256	-8,1508	-31,881
129	129	147	STER	25,0687	-4,8127	125,5741	24,8383	-2,742
129	129	140	STER	28,735	-3,6613	143,7913	28,6184	-1,823
129	129	139	STER	0,7669	-11,1264	28,0483	-3,7709	-22,187
129	129	146	SSOVR	0,706	-3,2925	5,6219	-1,4992	-33,813
129	129	147	SSOVR	4,2339	-1,278	21,2656	4,1381	-4,291
129	129	140	SSOVR	5,3591	-1,2304	26,8656	5,2887	-3,274
129	129	139	SSOVR	0,8874	-3,2449	7,5336	-0,6968	-26,023
129	129	146	INERZIA	0,4398	-2,0512	3,5024	-0,934	-33,813
129	129	147	INERZIA	2,6377	-0,7962	13,2485	2,578	-4,291
129	129	140	INERZIA	3,3387	-0,7665	16,7373	3,2948	-3,274
129	129	139	INERZIA	0,5529	-2,0216	4,6934	-0,4341	-26,023
129	129	146	INCRSIS	4,1454	-19,3335	33,0117	-8,8034	-33,813
129	129	147	INCRSIS	24,8617	-7,5044	124,8718	24,2986	-4,291
129	129	140	INCRSIS	31,4683	-7,2249	157,7551	31,055	-3,274
129	129	139	INCRSIS	5,2109	-19,0539	44,2371	-4,0919	-26,023
130	130	148	PP	0	0	0	0	0

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
130	130	142	PP	0	0	0	0	0
130	130	141	PP	0	0	0	0	0
130	130	148	STER	31,1435	3,1386	31,3103	-27,8884	86,957
130	130	142	STER	-9,7378	-5,1224	-9,1491	-54,3086	-83,444
130	130	141	STER	19,1679	2,3035	19,3596	-8,515	85,243
130	130	148	SSOVR	7,7005	0,4523	7,7136	-7,9072	88,34
130	130	142	SSOVR	1,4901	-0,9369	1,5563	-11,7662	-85,957
130	130	141	SSOVR	6,2854	0,1313	6,287	-4,3958	89,296
130	130	148	INERZIA	4,7974	0,2818	4,8056	-4,9262	88,34
130	130	142	INERZIA	0,9283	-0,5837	0,9696	-7,3304	-85,957
130	130	141	INERZIA	3,9158	0,0818	3,9168	-2,7386	89,296
130	130	148	INCRSIS	45,2175	2,6559	45,2944	-46,4309	88,34
130	130	142	INCRSIS	8,7496	-5,5017	9,1385	-69,0912	-85,957
130	130	141	INCRSIS	36,908	0,7712	36,9174	-25,8119	89,296
131	131	148	PP	0	0	0	0	0
131	131	149	PP	0	0	0	0	0
131	131	143	PP	0	0	0	0	0
131	131	142	PP	0	0	0	0	0
131	131	148	STER	34,049	-6,3553	34,889	-14,0339	-82,471
131	131	149	STER	2,7155	-13,382	5,8257	-54,8618	-76,916
131	131	143	STER	-16,1042	-20,2021	-8,6454	-70,8216	-69,735
131	131	142	STER	-9,6823	-13,1754	-6,0216	-57,1029	-74,473
131	131	148	SSOVR	8,3588	-1,0618	8,4452	-4,6892	-85,348
131	131	149	SSOVR	3,0013	-2,4322	3,442	-10,4204	-79,729
131	131	143	SSOVR	-0,0714	-3,8174	1,0133	-13,506	-74,138
131	131	142	SSOVR	1,4643	-2,447	1,9005	-12,2649	-79,894
131	131	148	INERZIA	5,2075	-0,6615	5,2614	-2,9213	-85,348
131	131	149	INERZIA	1,8698	-1,5152	2,1444	-6,4919	-79,729
131	131	143	INERZIA	-0,0445	-2,3783	0,6313	-8,4142	-74,138
131	131	142	INERZIA	0,9123	-1,5245	1,184	-7,641	-79,894
131	131	148	INCRSIS	49,0828	-6,2348	49,5902	-27,5347	-85,348
131	131	149	INCRSIS	17,6236	-14,2817	20,2117	-61,1887	-79,729
131	131	143	INCRSIS	-0,4195	-22,4159	5,95	-79,3073	-74,138
131	131	142	INCRSIS	8,5985	-14,3691	11,1596	-72,0192	-79,894
132	132	149	PP	0	0	0	0	0
132	132	150	PP	0	0	0	0	0
132	132	144	PP	0	0	0	0	0
132	132	143	PP	0	0	0	0	0
132	132	149	STER	2,7467	-18,8148	8,6251	-57,4737	-72,649
132	132	150	STER	-7,0478	-21,3778	0,7067	-65,9821	-70,062
132	132	144	STER	-20,7642	-24,3952	-10,2624	-77,4329	-66,709
132	132	143	STER	-16,1864	-21,8323	-7,6879	-72,2725	-68,731
132	132	149	SSOVR	2,9656	-3,4773	3,83	-11,0225	-76,04
132	132	150	SSOVR	1,1478	-4,0279	2,4564	-11,2503	-72,002
132	132	144	SSOVR	-1,2647	-4,7994	0,5907	-13,6791	-68,864
132	132	143	SSOVR	-0,0774	-4,2487	1,241	-13,7694	-72,761
132	132	149	INERZIA	1,8476	-2,1663	2,3861	-6,867	-76,04
132	132	150	INERZIA	0,7151	-2,5094	1,5303	-7,0089	-72,002
132	132	144	INERZIA	-0,7879	-2,99	0,368	-8,522	-68,864
132	132	143	INERZIA	-0,0482	-2,6469	0,7731	-8,5783	-72,761
132	132	149	INCRSIS	17,4141	-20,4185	22,4899	-64,7243	-76,04
132	132	150	INCRSIS	6,7397	-23,6521	14,4239	-66,0617	-72,002
132	132	144	INCRSIS	-7,4262	-28,1819	3,4689	-80,3234	-68,864
132	132	143	INCRSIS	-0,4544	-24,9484	7,2872	-80,854	-72,761
133	133	150	PP	0	0	0	0	0
133	133	151	PP	0	0	0	0	0
133	133	145	PP	0	0	0	0	0
133	133	144	PP	0	0	0	0	0
133	133	150	STER	-7,0588	-24,5428	2,8021	-68,1434	-68,111
133	133	151	STER	-10,527	-25,0486	2,1838	-59,8891	-63,095
133	133	145	STER	-15,3635	-25,9487	-0,1894	-59,7376	-59,682
133	133	144	STER	-20,7387	-25,443	-9,4514	-78,0906	-66,077
133	133	150	SSOVR	1,155	-4,6806	2,8699	-11,6202	-69,878
133	133	151	SSOVR	-0,0824	-4,9268	2,5173	-9,4195	-62,181
133	133	145	SSOVR	-1,02	-5,4264	2,2753	-9,9558	-58,731
133	133	144	SSOVR	-1,2616	-5,1801	0,8571	-13,9268	-67,755
133	133	150	INERZIA	0,7196	-2,916	1,7879	-7,2394	-69,878
133	133	151	INERZIA	-0,0513	-3,0694	1,5683	-5,8684	-62,181



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
133	133	145	INERZIA	-0,6354	-3,3806	1,4175	-6,2025	-58,731
133	133	144	INERZIA	-0,786	-3,2272	0,534	-8,6764	-67,755
133	133	150	INCRSIS	6,7824	-27,4843	16,852	-68,234	-69,878
133	133	151	INCRSIS	-0,4839	-28,9304	14,7816	-55,3114	-62,181
133	133	145	INCRSIS	-5,9892	-31,8637	13,3603	-58,4605	-58,731
133	133	144	INCRSIS	-7,408	-30,4175	5,0329	-81,7779	-67,755
134	134	151	PP	0	0	0	0	0
134	134	152	PP	0	0	0	0	0
134	134	146	PP	0	0	0	0	0
134	134	145	PP	0	0	0	0	0
134	134	151	STER	-10,531	-24,2441	1,531	-59,2605	-63,549
134	134	152	STER	-1,3464	-20,6571	19,6947	-21,6265	-44,472
134	134	146	STER	-0,4135	-19,9872	26,5778	-15,2141	-36,52
134	134	145	STER	-15,3956	-23,5742	-2,2969	-57,8228	-60,942
134	134	151	SSOVR	-0,0798	-4,9011	2,5009	-9,3875	-62,23
134	134	152	SSOVR	0,5581	-4,2978	5,1241	-3,4873	-43,267
134	134	146	SSOVR	0,7206	-4,5276	6,7979	-2,6525	-36,686
134	134	145	SSOVR	-1,0242	-5,1309	2,0061	-9,712	-59,434
134	134	151	INERZIA	-0,0497	-3,0534	1,5581	-5,8484	-62,23
134	134	152	INERZIA	0,3477	-2,6775	3,1923	-2,1726	-43,267
134	134	146	INERZIA	0,4489	-2,8207	4,2351	-1,6525	-36,686
134	134	145	INERZIA	-0,6381	-3,1966	1,2498	-6,0506	-59,434
134	134	151	INCRSIS	-0,4686	-28,7791	14,6853	-55,1235	-62,23
134	134	152	INCRSIS	3,2772	-25,2367	30,0887	-20,4772	-43,267
134	134	146	INCRSIS	4,2312	-26,5862	39,9175	-15,5755	-36,686
134	134	145	INCRSIS	-6,014	-30,1286	11,7795	-57,0288	-59,434
135	135	152	PP	0	0	0	0	0
135	135	153	PP	0	0	0	0	0
135	135	147	PP	0	0	0	0	0
135	135	146	PP	0	0	0	0	0
135	135	152	STER	-1,3941	-14,6312	13,5248	-15,7431	-44,442
135	135	153	STER	20,325	-5,7009	102,023	19,9272	-3,992
135	135	147	STER	25,0687	-5,0206	125,5944	24,818	-2,859
135	135	146	STER	-0,4485	-13,951	20,7734	-9,6196	-33,32
135	135	152	SSOVR	0,5552	-3,2011	4,0207	-2,4016	-42,728
135	135	153	SSOVR	3,1016	-1,222	15,6273	2,9824	-5,572
135	135	147	SSOVR	4,2339	-1,2863	21,2669	4,1368	-4,319
135	135	146	SSOVR	0,7195	-3,2654	5,6029	-1,464	-33,769
135	135	152	INERZIA	0,3459	-1,9943	2,5049	-1,4962	-42,728
135	135	153	INERZIA	1,9323	-0,7613	9,7358	1,858	-5,572
135	135	147	INERZIA	2,6377	-0,8014	13,2493	2,5772	-4,319
135	135	146	INERZIA	0,4482	-2,0343	3,4906	-0,9121	-33,769
135	135	152	INCRSIS	3,2599	-18,7966	23,6097	-14,1021	-42,728
135	135	153	INCRSIS	18,2126	-7,1758	91,7633	17,5125	-5,572
135	135	147	INCRSIS	24,8617	-7,5534	124,8791	24,2913	-4,319
135	135	146	INCRSIS	4,2248	-19,1742	32,9	-8,5964	-33,769
136	136	154	PP	0	0	0	0	0
136	136	149	PP	0	0	0	0	0
136	136	148	PP	0	0	0	0	0
136	136	154	STER	33,7773	2,3883	33,864	-32,0147	87,921
136	136	149	STER	1,7849	-4,499	2,1591	-52,3119	-85,246
136	136	148	STER	25,7304	1,1723	25,7642	-14,8914	88,347
136	136	154	SSOVR	7,0615	0,2111	7,0646	-7,5368	89,171
136	136	149	SSOVR	3,0757	-0,7341	3,1169	-10,006	-86,788
136	136	148	SSOVR	6,3358	-0,0533	6,336	-5,0076	-89,731
136	136	154	INERZIA	4,3993	0,1315	4,4012	-4,6954	89,171
136	136	149	INERZIA	1,9161	-0,4573	1,9418	-6,2337	-86,788
136	136	148	INERZIA	3,9472	-0,0332	3,9473	-3,1197	-89,731
136	136	154	INCRSIS	41,4653	1,2399	41,4832	-44,2558	89,171
136	136	149	INCRSIS	18,0603	-4,3106	18,3022	-58,7553	-86,788
136	136	148	INCRSIS	37,2036	-0,3129	37,205	-29,4046	-89,731
137	137	154	PP	0	0	0	0	0
137	137	155	PP	0	0	0	0	0
137	137	150	PP	0	0	0	0	0
137	137	149	PP	0	0	0	0	0
137	137	154	STER	36,5474	-5,6257	37,1207	-18,6511	-84,181
137	137	155	STER	5,1462	-12,9452	8,1616	-50,4281	-76,888
137	137	150	STER	-6,6017	-19,7537	0,0986	-64,8387	-71,263

Table: Element Forces - Area Shells, Part 3 of 4

Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
137	137	149	STER	1,8162	-12,4342	4,5603	-54,5256	-77,555
137	137	154	SSOVR	7,666	-0,8737	7,7283	-4,5738	-85,917
137	137	155	SSOVR	2,6623	-2,2121	3,106	-8,3648	-78,657
137	137	150	SSOVR	1,1722	-3,5102	2,1884	-10,953	-73,855
137	137	149	SSOVR	3,04	-2,1718	3,3885	-10,4918	-80,882
137	137	154	INERZIA	4,7759	-0,5443	4,8148	-2,8495	-85,917
137	137	155	INERZIA	1,6586	-1,3781	1,9351	-5,2112	-78,657
137	137	150	INERZIA	0,7303	-2,1868	1,3634	-6,8237	-73,855
137	137	149	INERZIA	1,8939	-1,353	2,1111	-6,5364	-80,882
137	137	154	INCRSIS	45,0146	-5,1302	45,3808	-26,8576	-85,917
137	137	155	INCRSIS	15,6329	-12,9893	18,2386	-49,1179	-78,657
137	137	150	INCRSIS	6,8832	-20,6117	12,8501	-64,3158	-73,855
137	137	149	INCRSIS	17,8507	-12,7526	19,8974	-61,6079	-80,882
138	138	155	PP	0	0	0	0	0
138	138	156	PP	0	0	0	0	0
138	138	151	PP	0	0	0	0	0
138	138	150	PP	0	0	0	0	0
138	138	155	STER	4,9179	-19,1623	11,0758	-54,7122	-72,185
138	138	156	STER	-3,5899	-21,4534	5,5863	-53,7466	-66,842
138	138	151	STER	-10,6834	-23,9766	1,1935	-59,0865	-63,648
138	138	150	STER	-6,6127	-21,6856	1,2927	-66,0987	-69,971
138	138	155	SSOVR	2,5747	-3,2981	3,4925	-9,2768	-74,449
138	138	156	SSOVR	0,8844	-3,7486	2,4985	-7,8211	-66,704
138	138	151	SSOVR	-0,0986	-4,399	2,076	-8,9976	-63,696
138	138	150	SSOVR	1,1795	-3,9485	2,4426	-11,1636	-72,261
138	138	155	INERZIA	1,604	-2,0547	2,1758	-5,7794	-74,449
138	138	156	INERZIA	0,551	-2,3354	1,5566	-4,8726	-66,704
138	138	151	INERZIA	-0,0614	-2,7406	1,2933	-5,6055	-63,696
138	138	150	INERZIA	0,7348	-2,4599	1,5217	-6,9549	-72,261
138	138	155	INCRSIS	15,1185	-19,3662	20,5078	-54,4734	-74,449
138	138	156	INCRSIS	5,1932	-22,0115	14,6712	-45,9257	-66,704
138	138	151	INCRSIS	-0,5789	-25,831	12,19	-52,8338	-63,696
138	138	150	INCRSIS	6,9258	-23,1857	14,3428	-65,5527	-72,261
139	139	156	PP	0	0	0	0	0
139	139	157	PP	0	0	0	0	0
139	139	152	PP	0	0	0	0	0
139	139	151	PP	0	0	0	0	0
139	139	156	STER	-3,5972	-22,7348	6,5138	-54,7174	-66,024
139	139	157	STER	-2,0147	-20,45	14,6463	-27,1154	-50,83
139	139	152	STER	-1,2202	-21,2787	20,3911	-22,1715	-44,556
139	139	151	STER	-10,6874	-23,5636	0,8588	-58,776	-63,895
139	139	156	SSOVR	0,8858	-4,0369	2,714	-8,0281	-65,635
139	139	157	SSOVR	0,3896	-3,6982	3,6115	-3,8552	-48,937
139	139	152	SSOVR	0,5701	-4,1068	4,9403	-3,2891	-43,22
139	139	151	SSOVR	-0,096	-4,4455	2,1176	-9,0237	-63,529
139	139	156	INERZIA	0,5519	-2,515	1,6908	-5,0015	-65,635
139	139	157	INERZIA	0,2427	-2,304	2,25	-2,4018	-48,937
139	139	152	INERZIA	0,3552	-2,5585	3,0778	-2,0491	-43,22
139	139	151	INERZIA	-0,0598	-2,7695	1,3193	-5,6217	-63,529
139	139	156	INCRSIS	5,2016	-23,7046	15,9368	-47,1411	-65,635
139	139	157	INCRSIS	2,2878	-21,7156	21,2067	-22,6379	-48,937
139	139	152	INCRSIS	3,3476	-24,1149	29,0096	-19,3135	-43,22
139	139	151	INCRSIS	-0,5637	-26,104	12,4347	-52,9869	-63,529
140	140	157	PP	0	0	0	0	0
140	140	158	PP	0	0	0	0	0
140	140	153	PP	0	0	0	0	0
140	140	152	PP	0	0	0	0	0
140	140	157	STER	-1,9975	-15,3885	9,7644	-22,1307	-52,608
140	140	158	STER	15,7275	-6,0159	79,2078	15,1574	-5,414
140	140	153	STER	20,325	-5,8654	102,0462	19,9041	-4,105
140	140	152	STER	-1,268	-15,238	14,2063	-16,2732	-44,559
140	140	157	SSOVR	0,3991	-2,8661	2,8146	-3,0016	-49,876
140	140	158	SSOVR	2,1977	-1,093	11,1222	2,0638	-6,982
140	140	153	SSOVR	3,1016	-1,2199	15,6268	2,9828	-5,563
140	140	152	SSOVR	0,5671	-2,993	3,8202	-2,1866	-42,616
140	140	157	INERZIA	0,2486	-1,7856	1,7535	-1,87	-49,876
140	140	158	INERZIA	1,3691	-0,6809	6,9291	1,2857	-6,982
140	140	153	INERZIA	1,9323	-0,76	9,7355	1,8583	-5,563



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
140	140	152	INERZIA	0,3533	-1,8647	2,38	-1,3623	-42,616
140	140	157	INCRISIS	2,3433	-16,8299	16,5275	-17,6257	-49,876
140	140	158	INCRISIS	12,9047	-6,418	65,3093	12,1187	-6,982
140	140	153	INCRISIS	18,2126	-7,1631	91,7608	17,515	-5,563
140	140	152	INCRISIS	3,3303	-17,575	22,4321	-12,84	-42,616
141	141	159	PP	0	0	0	0	0
141	141	155	PP	0	0	0	0	0
141	141	154	PP	0	0	0	0	0
141	141	159	STER	32,6112	2,4925	32,7055	-33,2083	87,831
141	141	155	STER	5,2472	-3,7474	5,5126	-47,658	-85,948
141	141	154	STER	25,6499	-0,0783	25,65	-20,2573	-89,902
141	141	159	SSOVR	5,5883	0,2344	5,5928	-6,7733	88,914
141	141	155	SSOVR	2,9003	-0,5452	2,9278	-7,9009	-87,111
141	141	154	SSOVR	5,3511	-0,3089	5,3603	-4,9837	-88,288
141	141	159	INERZIA	3,4815	0,1461	3,4843	-4,2198	88,914
141	141	155	INERZIA	1,8069	-0,3396	1,824	-4,9223	-87,111
141	141	154	INERZIA	3,3337	-0,1925	3,3395	-3,1048	-88,288
141	141	159	INCRISIS	32,8146	1,3766	32,8407	-39,7728	88,914
141	141	155	INCRISIS	17,0305	-3,2011	17,1921	-46,3942	-87,111
141	141	154	INCRISIS	31,4216	-1,814	31,4758	-29,2642	-88,288
142	142	159	PP	0	0	0	0	0
142	142	160	PP	0	0	0	0	0
142	142	156	PP	0	0	0	0	0
142	142	155	PP	0	0	0	0	0
142	142	159	STER	36,3633	-6,003	37,0641	-15,0542	-83,341
142	142	160	STER	-0,202	-14,4699	4,4843	-44,8812	-72,055
142	142	156	STER	-3,3006	-21,0358	5,5402	-53,3533	-67,204
142	142	155	STER	5,0189	-12,5688	7,822	-51,3373	-77,427
142	142	159	SSOVR	6,3525	-0,8526	6,4301	-3,0253	-84,805
142	142	160	SSOVR	1,025	-2,2904	1,7517	-6,1938	-72,397
142	142	156	SSOVR	0,8683	-3,4551	2,2752	-7,6171	-67,845
142	142	155	SSOVR	2,8127	-2,0174	3,1673	-8,666	-80,032
142	142	159	INERZIA	3,9576	-0,5312	4,0059	-1,8848	-84,805
142	142	160	INERZIA	0,6386	-1,4269	1,0913	-3,8587	-72,397
142	142	156	INERZIA	0,541	-2,1525	1,4174	-4,7455	-67,845
142	142	155	INERZIA	1,7523	-1,2568	1,9732	-5,3989	-80,032
142	142	159	INCRISIS	37,302	-5,0067	37,7573	-17,7646	-84,805
142	142	160	INCRISIS	6,0187	-13,4489	10,2857	-36,37	-72,397
142	142	156	INCRISIS	5,0989	-20,2884	13,36	-44,7276	-67,845
142	142	155	INCRISIS	16,5161	-11,8462	18,5981	-50,8866	-80,032
143	143	160	PP	0	0	0	0	0
143	143	161	PP	0	0	0	0	0
143	143	157	PP	0	0	0	0	0
143	143	156	PP	0	0	0	0	0
143	143	160	STER	-0,8277	-18,8847	6,3516	-50,5028	-69,185
143	143	161	STER	-0,3649	-17,6535	11,2898	-27,1048	-56,568
143	143	157	STER	-2,0513	-19,3828	13,5773	-26,0903	-51,12
143	143	156	STER	-3,3078	-20,6141	5,229	-53,0854	-67,504
143	143	160	SSOVR	0,9093	-3,0008	2,025	-7,1615	-69,604
143	143	161	SSOVR	0,5288	-2,8138	2,521	-3,4454	-54,701
143	143	157	SSOVR	0,3926	-3,2821	3,2018	-3,442	-49,439
143	143	156	SSOVR	0,8698	-3,4691	2,2872	-7,6206	-67,775
143	143	160	INERZIA	0,5665	-1,8695	1,2616	-4,4616	-69,604
143	143	161	INERZIA	0,3294	-1,753	1,5706	-2,1465	-54,701
143	143	157	INERZIA	0,2446	-2,0447	1,9947	-2,1443	-49,439
143	143	156	INERZIA	0,5419	-2,1613	1,425	-4,7476	-67,775
143	143	160	INCRISIS	5,3391	-17,6208	11,8908	-42,0523	-69,604
143	143	161	INCRISIS	3,1051	-16,5225	14,8031	-20,2316	-54,701
143	143	157	INCRISIS	2,3055	-19,2725	18,8012	-20,2111	-49,439
143	143	156	INCRISIS	5,1073	-20,3708	13,4307	-44,7481	-67,775
144	144	161	PP	0	0	0	0	0
144	144	162	PP	0	0	0	0	0
144	144	158	PP	0	0	0	0	0
144	144	157	PP	0	0	0	0	0
144	144	161	STER	-0,4223	-14,5857	8,3938	-24,5534	-58,85
144	144	162	STER	10,8349	-5,9047	54,9647	10,0449	-7,621
144	144	158	STER	15,7275	-6,3081	79,264	15,1012	-5,67
144	144	157	STER	-2,0341	-14,9891	9,3535	-21,7637	-52,775

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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
144	144	161	SSOVR	0,5231	-2,3463	2,0721	-3,0309	-56,567
144	144	162	SSOVR	1,3866	-0,9136	7,0795	1,2399	-9,117
144	144	158	SSOVR	2,1977	-1,1089	11,126	2,0599	-7,08
144	144	157	SSOVR	0,4021	-2,5415	2,4974	-2,6808	-50,497
144	144	161	INERZIA	0,3259	-1,4618	1,2909	-1,8883	-56,567
144	144	162	INERZIA	0,8638	-0,5692	4,4105	0,7725	-9,117
144	144	158	INERZIA	1,3691	-0,6908	6,9315	1,2833	-7,08
144	144	157	INERZIA	0,2505	-1,5834	1,5559	-1,6701	-50,497
144	144	161	INCRSIS	3,0714	-13,7776	12,1673	-17,7976	-56,567
144	144	162	INCRSIS	8,142	-5,3649	41,5708	7,281	-9,117
144	144	158	INCRSIS	12,9047	-6,5112	65,3319	12,096	-7,08
144	144	157	INCRSIS	2,361	-14,9239	14,6645	-15,7414	-50,497
145	145	163	PP	0	0	0	0	0
145	145	160	PP	0	0	0	0	0
145	145	159	PP	0	0	0	0	0
145	145	163	STER	22,5512	0,5853	22,5577	-29,928	89,361
145	145	160	STER	1,9972	-4,7627	2,5336	-40,2914	-83,574
145	145	159	STER	19,2272	-2,3782	19,3794	-17,9327	-86,338
145	145	163	SSOVR	3,2333	-0,1637	3,2367	-4,8217	-88,836
145	145	160	SSOVR	1,5682	-0,7047	1,6391	-5,4295	-84,249
145	145	159	SSOVR	3,2236	-0,6184	3,2794	-3,6294	-84,843
145	145	163	INERZIA	2,0144	-0,102	2,0164	-3,0039	-88,836
145	145	160	INERZIA	0,977	-0,439	1,0212	-3,3826	-84,249
145	145	159	INERZIA	2,0083	-0,3853	2,0431	-2,2611	-84,843
145	145	163	INCRSIS	18,9862	-0,9612	19,0057	-28,3132	-88,836
145	145	160	INCRSIS	9,2082	-4,1381	9,6249	-31,8818	-84,249
145	145	159	INCRSIS	18,9289	-3,6315	19,2566	-21,3117	-84,843
146	146	163	PP	0	0	0	0	0
146	146	164	PP	0	0	0	0	0
146	146	161	PP	0	0	0	0	0
146	146	160	PP	0	0	0	0	0
146	146	163	STER	27,432	-5,7864	28,4186	-6,504	-80,324
146	146	164	STER	-0,9053	-11,316	4,1516	-26,2273	-65,921
146	146	161	STER	-0,3432	-18,0678	11,6878	-27,4769	-56,341
146	146	160	STER	1,3715	-12,5382	4,6769	-46,189	-75,231
146	146	163	SSOVR	3,9901	-0,7226	4,092	-1,1364	-81,976
146	146	164	SSOVR	0,1601	-1,4854	0,8657	-2,9666	-64,589
146	146	161	SSOVR	0,4788	-2,6214	2,3033	-3,2877	-55,163
146	146	160	SSOVR	1,4524	-1,8587	1,8936	-6,3783	-76,647
146	146	163	INERZIA	2,4858	-0,4502	2,5493	-0,708	-81,976
146	146	164	INERZIA	0,0997	-0,9254	0,5393	-1,8482	-64,589
146	146	161	INERZIA	0,2983	-1,6332	1,4349	-2,0483	-55,163
146	146	160	INERZIA	0,9049	-1,158	1,1797	-3,9737	-76,647
146	146	163	INCRSIS	23,43	-4,2433	24,0281	-6,6728	-81,976
146	146	164	INCRSIS	0,9398	-8,7221	5,0834	-17,4199	-64,589
146	146	161	INCRSIS	2,8115	-15,3931	13,5249	-19,3056	-55,163
146	146	160	INCRSIS	8,5287	-10,9144	11,1193	-37,4534	-76,647
147	147	164	PP	0	0	0	0	0
147	147	165	PP	0	0	0	0	0
147	147	162	PP	0	0	0	0	0
147	147	161	PP	0	0	0	0	0
147	147	164	STER	-1,25	-11,9494	4,0495	-28,1937	-66,083
147	147	165	STER	5,6161	-4,5324	28,9606	4,7361	-10,987
147	147	162	STER	10,8349	-5,6714	54,9045	10,1051	-7,333
147	147	161	STER	-0,4006	-13,0884	7,1015	-23,2351	-60,179
147	147	164	SSOVR	0,1218	-1,6383	0,9182	-3,2485	-64,076
147	147	165	SSOVR	0,6366	-0,599	3,317	0,5028	-12,598
147	147	162	SSOVR	1,3866	-0,8585	7,0627	1,2567	-8,6
147	147	161	SSOVR	0,4731	-1,8978	1,6276	-2,6464	-58,686
147	147	164	INERZIA	0,0759	-1,0207	0,572	-2,0238	-64,076
147	147	165	INERZIA	0,3966	-0,3732	2,0665	0,3132	-12,598
147	147	162	INERZIA	0,8638	-0,5348	4,4001	0,7829	-8,6
147	147	161	INERZIA	0,2947	-1,1823	1,014	-1,6487	-58,686
147	147	164	INCRSIS	0,7153	-9,6201	5,3915	-19,0755	-64,076
147	147	165	INCRSIS	3,7382	-3,5174	19,4773	2,9522	-12,598
147	147	162	INCRSIS	8,142	-5,0408	41,4721	7,3796	-8,6
147	147	161	INCRSIS	2,7779	-11,1436	9,5571	-15,5397	-58,686
148	148	166	PP	0	0	0	0	0



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Area	AreaElem	Joint	OutputCase	M22	M12	MMax	MMin	MAngle Degrees
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	
148	148	164	PP	0	0	0	0	0
148	148	163	PP	0	0	0	0	0
148	148	166	STER	6,1036	-1,219	6,1643	-18,3675	-87,148
148	148	164	STER	2,2465	-3,4007	2,7433	-21,0368	-81,69
148	148	163	STER	9,7811	-2,7916	10,1863	-9,4528	-81,742
148	148	166	SSOVR	0,8079	-0,322	0,8437	-2,089	-83,659
148	148	164	SSOVR	0,7123	-0,4012	0,7675	-2,2057	-82,171
148	148	163	SSOVR	1,0063	-0,3687	1,0569	-1,6818	-82,191
148	148	166	INERZIA	0,5033	-0,2006	0,5256	-1,3015	-83,659
148	148	164	INERZIA	0,4438	-0,2499	0,4781	-1,3741	-82,171
148	148	163	INERZIA	0,627	-0,2297	0,6585	-1,0478	-82,191
148	148	166	INCRSIS	4,7443	-1,8905	4,9544	-12,2669	-83,659
148	148	164	INCRSIS	4,1826	-2,3559	4,5065	-12,9517	-82,171
148	148	163	INCRSIS	5,9093	-2,1648	6,2061	-9,8757	-82,191
149	149	166	PP	0	0	0	0	0
149	149	167	PP	0	0	0	0	0
149	149	165	PP	0	0	0	0	0
149	149	164	PP	0	0	0	0	0
149	149	166	STER	9,3801	-4,0336	10,6718	-3,216	-72,244
149	149	167	STER	0,3959	-2,5953	3,901	-1,5258	-36,518
149	149	165	STER	5,6161	-5,6178	29,4072	4,2896	-13,286
149	149	164	STER	1,9018	-7,056	3,8112	-24,1733	-74,858
149	149	166	SSOVR	1,1637	-0,436	1,2855	-0,3966	-74,386
149	149	167	SSOVR	0,0529	-0,2432	0,4238	-0,1066	-33,253
149	149	165	SSOVR	0,6366	-0,6859	3,3561	0,4636	-14,156
149	149	164	SSOVR	0,6741	-0,8787	0,9114	-2,5791	-74,884
149	149	166	INERZIA	0,725	-0,2716	0,8009	-0,2471	-74,386
149	149	167	INERZIA	0,0329	-0,1515	0,264	-0,0664	-33,253
149	149	165	INERZIA	0,3966	-0,4273	2,0909	0,2888	-14,156
149	149	164	INERZIA	0,4199	-0,5474	0,5678	-1,6068	-74,884
149	149	166	INCRSIS	6,833	-2,5603	7,5485	-2,3287	-74,386
149	149	167	INCRSIS	0,3104	-1,4281	2,4884	-0,626	-33,253
149	149	165	INCRSIS	3,7382	-4,0276	19,7071	2,7224	-14,156
149	149	164	INCRSIS	3,958	-5,1598	5,3518	-15,1444	-74,884
150	150	168	PP	0	0	0	0	0
150	150	167	PP	0	0	0	0	0
150	150	166	PP	0	0	0	0	0
150	150	168	STER	0,24	-0,9045	1,7438	-0,3041	-31,025
150	150	167	STER	0,3959	-0,7951	2,3096	0,0656	-22,56
150	150	166	STER	-2,9812	-3,2897	-0,3239	-7,0538	-51,07
150	150	168	SSOVR	0,0412	-0,0737	0,234	0,013	-20,908
150	150	167	SSOVR	0,0529	-0,0568	0,2786	0,0386	-14,114
150	150	166	SSOVR	-0,4437	-0,2439	-0,2644	-0,7755	-53,68
150	150	168	INERZIA	0,0256	-0,0459	0,1458	0,0081	-20,908
150	150	167	INERZIA	0,0329	-0,0354	0,1736	0,024	-14,114
150	150	166	INERZIA	-0,2764	-0,152	-0,1647	-0,4831	-53,68
150	150	168	INCRSIS	0,2417	-0,4325	1,3738	0,0765	-20,908
150	150	167	INCRSIS	0,3104	-0,3333	1,6358	0,2266	-14,114
150	150	166	INCRSIS	-2,6053	-1,4323	-1,5525	-4,5537	-53,68

Table: Element Forces - Area Shells, Part 4 of 4

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
4	4	7	PP	0	0	0	0
4	4	9	PP	0	0	0	0
4	4	10	PP	0	0	0	0
4	4	8	PP	0	0	0	0
4	4	7	STER	2,4	-21,85	21,98	-83,729
4	4	9	STER	2,4	-10,29	10,56	-76,862
4	4	10	STER	-2,55	-10,29	10,6	-103,926
4	4	8	STER	-2,55	-21,85	22	-96,659
4	4	7	SSOVR	-0,61	-9,5	9,52	-93,678
4	4	9	SSOVR	-0,61	-2,58	2,65	-103,326
4	4	10	SSOVR	-5,33	-2,58	5,92	-154,204
4	4	8	SSOVR	-5,33	-9,5	10,89	-119,313
4	4	7	INERZIA	-0,38	-5,92	5,93	-93,678





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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
4	4	9	INERZIA	-0,38	-1,61	1,65	-103,326
4	4	10	INERZIA	-3,32	-1,61	3,69	-154,204
4	4	8	INERZIA	-3,32	-5,92	6,78	-119,313
4	4	7	INCRSIS	-3,58	-55,76	55,88	-93,678
4	4	9	INCRSIS	-3,58	-15,13	15,55	-103,326
4	4	10	INCRSIS	-31,31	-15,13	34,77	-154,204
4	4	8	INCRSIS	-31,31	-55,76	63,95	-119,313
5	5	9	PP	0	0	0	0
5	5	11	PP	0	0	0	0
5	5	12	PP	0	0	0	0
5	5	10	PP	0	0	0	0
5	5	9	STER	-41,05	-10,23	42,31	-166,002
5	5	11	STER	-41,05	32,61	52,43	141,542
5	5	12	STER	-20,38	32,61	38,45	122,007
5	5	10	STER	-20,38	-10,23	22,81	-153,335
5	5	9	SSOVR	-32,5	-2,7	32,61	-175,242
5	5	11	SSOVR	-32,5	27,4	42,51	139,862
5	5	12	SSOVR	-16,97	27,4	32,23	121,769
5	5	10	SSOVR	-16,97	-2,7	17,19	-170,944
5	5	9	INERZIA	-20,25	-1,69	20,32	-175,242
5	5	11	INERZIA	-20,25	17,07	26,49	139,862
5	5	12	INERZIA	-10,57	17,07	20,08	121,769
5	5	10	INERZIA	-10,57	-1,69	10,71	-170,944
5	5	9	INCRSIS	-190,84	-15,88	191,5	-175,242
5	5	11	INCRSIS	-190,84	160,92	249,63	139,862
5	5	12	INCRSIS	-99,66	160,92	189,28	121,769
5	5	10	INCRSIS	-99,66	-15,88	100,91	-170,944
6	6	11	PP	0	0	0	0
6	6	13	PP	0	0	0	0
6	6	14	PP	0	0	0	0
6	6	12	PP	0	0	0	0
6	6	11	STER	63,3	32,14	70,99	26,922
6	6	13	STER	63,3	-7,74	63,77	-6,97
6	6	14	STER	40,49	-7,74	41,22	-10,821
6	6	12	STER	40,49	32,14	51,7	38,444
6	6	11	SSOVR	42,61	27,34	50,63	32,68
6	6	13	SSOVR	42,61	-2,29	42,67	-3,074
6	6	14	SSOVR	26,72	-2,29	26,82	-4,895
6	6	12	SSOVR	26,72	27,34	38,23	45,652
6	6	11	INERZIA	26,55	17,03	31,54	32,68
6	6	13	INERZIA	26,55	-1,43	26,59	-3,074
6	6	14	INERZIA	16,65	-1,43	16,71	-4,895
6	6	12	INERZIA	16,65	17,03	23,82	45,652
6	6	11	INCRSIS	250,23	160,52	297,29	32,68
6	6	13	INCRSIS	250,23	-13,44	250,59	-3,074
6	6	14	INCRSIS	156,91	-13,44	157,48	-4,895
6	6	12	INCRSIS	156,91	160,52	224,47	45,652
7	7	13	PP	0	0	0	0
7	7	15	PP	0	0	0	0
7	7	16	PP	0	0	0	0
7	7	14	PP	0	0	0	0
7	7	13	STER	18,4	-7,59	19,91	-22,408
7	7	15	STER	18,4	-12,72	22,37	-34,64
7	7	16	STER	27,38	-12,72	30,19	-24,909
7	7	14	STER	27,38	-7,59	28,41	-15,491
7	7	13	SSOVR	10,95	-1,83	11,1	-9,481
7	7	15	SSOVR	10,95	-6,91	12,94	-32,264
7	7	16	SSOVR	18,13	-6,91	19,4	-20,867
7	7	14	SSOVR	18,13	-1,83	18,22	-5,758
7	7	13	INERZIA	6,82	-1,14	6,91	-9,481
7	7	15	INERZIA	6,82	-4,3	8,06	-32,264
7	7	16	INERZIA	11,29	-4,3	12,09	-20,867
7	7	14	INERZIA	11,29	-1,14	11,35	-5,758
7	7	13	INCRSIS	64,27	-10,73	65,16	-9,481
7	7	15	INCRSIS	64,27	-40,57	76,01	-32,264
7	7	16	INCRSIS	106,44	-40,57	113,91	-20,867
7	7	14	INCRSIS	106,44	-10,73	106,98	-5,758
8	8	15	PP	0	0	0	0



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
8	8	17	PP	0	0	0	0
8	8	18	PP	0	0	0	0
8	8	16	PP	0	0	0	0
8	8	15	STER	5,12	-11,78	12,84	-66,495
8	8	17	STER	5,12	-8,89	10,26	-60,046
8	8	18	STER	4,05	-8,89	9,77	-65,513
8	8	16	STER	4,05	-11,78	12,45	-71,03
8	8	15	SSOVR	3,16	-5,81	6,62	-61,51
8	8	17	SSOVR	3,16	-5,42	6,27	-59,778
8	8	18	SSOVR	3,31	-5,42	6,35	-58,58
8	8	16	SSOVR	3,31	-5,81	6,69	-60,354
8	8	15	INERZIA	1,97	-3,62	4,12	-61,51
8	8	17	INERZIA	1,97	-3,38	3,91	-59,778
8	8	18	INERZIA	2,06	-3,38	3,95	-58,58
8	8	16	INERZIA	2,06	-3,62	4,17	-60,354
8	8	15	INCRSIS	18,53	-34,14	38,85	-61,51
8	8	17	INCRSIS	18,53	-31,81	36,81	-59,778
8	8	18	INCRSIS	19,43	-31,81	37,28	-58,58
8	8	16	INCRSIS	19,43	-34,14	39,29	-60,354
9	9	17	PP	0	0	0	0
9	9	19	PP	0	0	0	0
9	9	20	PP	0	0	0	0
9	9	18	PP	0	0	0	0
9	9	17	STER	-11,57	-10,13	15,38	-138,804
9	9	19	STER	-11,57	-4,48	12,41	-158,823
9	9	20	STER	-15,6	-4,48	16,23	-163,967
9	9	18	STER	-15,6	-10,13	18,6	-147,004
9	9	17	SSOVR	-5,76	-5,79	8,17	-134,877
9	9	19	SSOVR	-5,76	-3,65	6,82	-147,625
9	9	20	SSOVR	-7,46	-3,65	8,3	-153,898
9	9	18	SSOVR	-7,46	-5,79	9,44	-142,184
9	9	17	INERZIA	-3,59	-3,61	5,09	-134,877
9	9	19	INERZIA	-3,59	-2,28	4,25	-147,625
9	9	20	INERZIA	-4,65	-2,28	5,17	-153,898
9	9	18	INERZIA	-4,65	-3,61	5,88	-142,184
9	9	17	INCRSIS	-33,84	-33,99	47,96	-134,877
9	9	19	INCRSIS	-33,84	-21,45	40,07	-147,625
9	9	20	INCRSIS	-43,79	-21,45	48,76	-153,898
9	9	18	INCRSIS	-43,79	-33,99	55,43	-142,184
10	10	19	PP	0	0	0	0
10	10	21	PP	0	0	0	0
10	10	22	PP	0	0	0	0
10	10	20	PP	0	0	0	0
10	10	19	STER	-29,89	-8,87	31,18	-163,475
10	10	21	STER	-29,89	9,8	31,46	161,844
10	10	22	STER	-51,08	9,8	52,01	169,136
10	10	20	STER	-51,08	-8,87	51,84	-170,15
10	10	19	SSOVR	-14,93	-5,85	16,04	-158,613
10	10	21	SSOVR	-14,93	3,64	15,37	166,3
10	10	22	SSOVR	-26,23	3,64	26,48	172,099
10	10	20	SSOVR	-26,23	-5,85	26,87	-167,432
10	10	19	INERZIA	-9,3	-3,64	9,99	-158,613
10	10	21	INERZIA	-9,3	2,27	9,57	166,3
10	10	22	INERZIA	-16,34	2,27	16,5	172,099
10	10	20	INERZIA	-16,34	-3,64	16,74	-167,432
10	10	19	INCRSIS	-87,68	-34,34	94,16	-158,613
10	10	21	INCRSIS	-87,68	21,37	90,25	166,3
10	10	22	INCRSIS	-154,02	21,37	155,5	172,099
10	10	20	INCRSIS	-154,02	-34,34	157,8	-167,432
11	11	21	PP	0	0	0	0
11	11	23	PP	0	0	0	0
11	11	24	PP	0	0	0	0
11	11	22	PP	0	0	0	0
11	11	21	STER	-114,43	7,23	114,66	176,385
11	11	23	STER	-114,43	90,06	145,62	141,798
11	11	24	STER	-72,18	90,06	115,41	128,713
11	11	22	STER	-72,18	7,23	72,54	174,281
11	11	21	SSOVR	-59,89	2,42	59,94	177,69

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
11	11	23	SSOVR	-59,89	46,96	76,1	141,902
11	11	24	SSOVR	-37,1	46,96	59,85	128,313
11	11	22	SSOVR	-37,1	2,42	37,18	176,274
11	11	21	INERZIA	-37,31	1,51	37,34	177,69
11	11	23	INERZIA	-37,31	29,25	47,41	141,902
11	11	24	INERZIA	-23,11	29,25	37,28	128,313
11	11	22	INERZIA	-23,11	1,51	23,16	176,274
11	11	21	INCRSIS	-351,68	14,19	351,97	177,69
11	11	23	INCRSIS	-351,68	275,73	446,89	141,902
11	11	24	INCRSIS	-217,86	275,73	351,41	128,313
11	11	22	INCRSIS	-217,86	14,19	218,32	176,274
12	12	23	PP	0	0	0	0
12	12	25	PP	0	0	0	0
12	12	26	PP	0	0	0	0
12	12	24	PP	0	0	0	0
12	12	23	STER	89,07	89,9	126,55	45,266
12	12	25	STER	89,07	8,93	89,51	5,725
12	12	26	STER	46,26	8,93	47,11	10,925
12	12	24	STER	46,26	89,9	101,1	62,772
12	12	23	SSOVR	50,75	46,83	69,06	42,703
12	12	25	SSOVR	50,75	3,42	50,86	3,859
12	12	26	SSOVR	27,5	3,42	27,71	7,094
12	12	24	SSOVR	27,5	46,83	54,31	59,577
12	12	23	INERZIA	31,62	29,18	43,02	42,703
12	12	25	INERZIA	31,62	2,13	31,69	3,859
12	12	26	INERZIA	17,13	2,13	17,27	7,094
12	12	24	INERZIA	17,13	29,18	33,84	59,577
12	12	23	INCRSIS	298	275,01	405,51	42,703
12	12	25	INCRSIS	298	20,1	298,67	3,859
12	12	26	INCRSIS	161,5	20,1	162,74	7,094
12	12	24	INCRSIS	161,5	275,01	318,93	59,577
13	13	25	PP	0	0	0	0
13	13	27	PP	0	0	0	0
13	13	28	PP	0	0	0	0
13	13	26	PP	0	0	0	0
13	13	25	STER	8,01	12,1	14,52	56,488
13	13	27	STER	8,01	-2,4	8,37	-16,667
13	13	28	STER	28,19	-2,4	28,29	-4,866
13	13	26	STER	28,19	12,1	30,67	23,239
13	13	25	SSOVR	6,33	4,75	7,92	36,887
13	13	27	SSOVR	6,33	-3,02	7,02	-25,49
13	13	28	SSOVR	16,53	-3,02	16,8	-10,354
13	13	26	SSOVR	16,53	4,75	17,2	16,045
13	13	25	INERZIA	3,95	2,96	4,93	36,887
13	13	27	INERZIA	3,95	-1,88	4,37	-25,49
13	13	28	INERZIA	10,3	-1,88	10,47	-10,354
13	13	26	INERZIA	10,3	2,96	10,72	16,045
13	13	25	INCRSIS	37,2	27,91	46,51	36,887
13	13	27	INCRSIS	37,2	-17,73	41,21	-25,49
13	13	28	INCRSIS	97,07	-17,73	98,67	-10,354
13	13	26	INCRSIS	97,07	27,91	101	16,045
14	14	27	PP	0	0	0	0
14	14	29	PP	0	0	0	0
14	14	30	PP	0	0	0	0
14	14	28	PP	0	0	0	0
14	14	27	STER	0,5	2,22	2,28	77,359
14	14	29	STER	0,5	-12,69	12,7	-87,754
14	14	30	STER	6,84	-12,69	14,42	-61,693
14	14	28	STER	6,84	2,22	7,19	17,987
14	14	27	SSOVR	-0,78	-1,11	1,36	-125,147
14	14	29	SSOVR	-0,78	-4,14	4,22	-100,726
14	14	30	SSOVR	0,94	-4,14	4,25	-77,222
14	14	28	SSOVR	0,94	-1,11	1,46	-49,872
14	14	27	INERZIA	-0,49	-0,69	0,85	-125,147
14	14	29	INERZIA	-0,49	-2,58	2,63	-100,726
14	14	30	INERZIA	0,59	-2,58	2,65	-77,222
14	14	28	INERZIA	0,59	-0,69	0,91	-49,872
14	14	27	INCRSIS	-4,61	-6,55	8	-125,147

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14	14	29	INCRSIS	-4,61	-24,33	24,76	-100,726
14	14	30	INCRSIS	5,52	-24,33	24,95	-77,222
14	14	28	INCRSIS	5,52	-6,55	8,56	-49,872
15	15	29	PP	0	0	0	0
15	15	31	PP	0	0	0	0
15	15	32	PP	0	0	0	0
15	15	30	PP	0	0	0	0
15	15	29	STER	24,88	-1,68	24,93	-3,856
15	15	31	STER	24,88	33,27	41,54	53,213
15	15	32	STER	77,63	33,27	84,46	23,198
15	15	30	STER	77,63	-1,68	77,65	-1,237
15	15	29	SSOVR	0,13	-0,97	0,97	-82,581
15	15	31	SSOVR	0,13	10,34	10,34	89,303
15	15	32	SSOVR	15,92	10,34	18,98	32,993
15	15	30	SSOVR	15,92	-0,97	15,95	-3,472
15	15	29	INERZIA	0,07838	-0,6	0,61	-82,581
15	15	31	INERZIA	0,07838	6,44	6,44	89,303
15	15	32	INERZIA	9,92	6,44	11,83	32,993
15	15	30	INERZIA	9,92	-0,6	9,94	-3,472
15	15	29	INCRSIS	0,74	-5,67	5,72	-82,581
15	15	31	INCRSIS	0,74	60,7	60,71	89,303
15	15	32	INCRSIS	93,5	60,7	111,48	32,993
15	15	30	INCRSIS	93,5	-5,67	93,67	-3,472
19	19	36	PP	0	0	0	0
19	19	37	PP	0	0	0	0
19	19	9	PP	0	0	0	0
19	19	7	PP	0	0	0	0
19	19	36	STER	-3,08	-22,06	22,27	-97,939
19	19	37	STER	-3,08	-25,56	25,75	-96,861
19	19	9	STER	1,5	-25,56	25,61	-86,638
19	19	7	STER	1,5	-22,06	22,11	-86,105
19	19	36	SSOVR	-3,92	-8,14	9,03	-115,721
19	19	37	SSOVR	-3,92	-10,74	11,43	-110,064
19	19	9	SSOVR	-1,14	-10,74	10,8	-96,059
19	19	7	SSOVR	-1,14	-8,14	8,22	-97,97
19	19	36	INERZIA	-2,44	-5,07	5,63	-115,721
19	19	37	INERZIA	-2,44	-6,69	7,12	-110,064
19	19	9	INERZIA	-0,71	-6,69	6,73	-96,059
19	19	7	INERZIA	-0,71	-5,07	5,12	-97,97
19	19	36	INCRSIS	-23,02	-47,8	53,05	-115,721
19	19	37	INCRSIS	-23,02	-63,04	67,11	-110,064
19	19	9	INCRSIS	-6,69	-63,04	63,39	-96,059
19	19	7	INCRSIS	-6,69	-47,8	48,26	-97,97
20	20	37	PP	0	0	0	0
20	20	38	PP	0	0	0	0
20	20	11	PP	0	0	0	0
20	20	9	PP	0	0	0	0
20	20	37	STER	-7,22	-29,95	30,8	-103,558
20	20	38	STER	-7,22	-77,74	78,07	-95,307
20	20	11	STER	-41,02	-77,74	87,89	-117,817
20	20	9	STER	-41,02	-29,95	50,78	-143,866
20	20	37	SSOVR	-8,08	-13,92	16,1	-120,14
20	20	38	SSOVR	-8,08	-48,75	49,42	-99,412
20	20	11	SSOVR	-32,26	-48,75	58,46	-123,492
20	20	9	SSOVR	-32,26	-13,92	35,13	-156,66
20	20	37	INERZIA	-5,03	-8,67	10,03	-120,14
20	20	38	INERZIA	-5,03	-30,37	30,79	-99,412
20	20	11	INERZIA	-20,1	-30,37	36,42	-123,492
20	20	9	INERZIA	-20,1	-8,67	21,89	-156,66
20	20	37	INCRSIS	-47,46	-81,73	94,51	-120,14
20	20	38	INCRSIS	-47,46	-286,27	290,18	-99,412
20	20	11	INCRSIS	-189,42	-286,27	343,26	-123,492
20	20	9	INCRSIS	-189,42	-81,73	206,3	-156,66
21	21	38	PP	0	0	0	0
21	21	39	PP	0	0	0	0
21	21	13	PP	0	0	0	0
21	21	11	PP	0	0	0	0
21	21	38	STER	29,09	-78,09	83,33	-69,572



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
21	21	39	STER	29,09	-27,59	40,09	-43,487
21	21	13	STER	62,25	-27,59	68,09	-23,901
21	21	11	STER	62,25	-78,09	99,87	-51,438
21	21	38	SSOVR	17,8	-48,75	51,9	-69,947
21	21	39	SSOVR	17,8	-13,12	22,11	-36,396
21	21	13	SSOVR	42,16	-13,12	44,15	-17,285
21	21	11	SSOVR	42,16	-48,75	64,45	-49,15
21	21	38	INERZIA	11,09	-30,37	32,33	-69,947
21	21	39	INERZIA	11,09	-8,17	13,77	-36,396
21	21	13	INERZIA	26,26	-8,17	27,51	-17,285
21	21	11	INERZIA	26,26	-30,37	40,15	-49,15
21	21	38	INCRSIS	104,5	-286,27	304,75	-69,947
21	21	39	INCRSIS	104,5	-77,03	129,82	-36,396
21	21	13	INCRSIS	247,54	-77,03	259,25	-17,285
21	21	11	INCRSIS	247,54	-286,27	378,46	-49,15
22	22	39	PP	0	0	0	0
22	22	40	PP	0	0	0	0
22	22	15	PP	0	0	0	0
22	22	13	PP	0	0	0	0
22	22	39	STER	22,15	-23,35	32,18	-46,506
22	22	40	STER	22,15	-18,18	28,65	-39,372
22	22	15	STER	18,5	-18,18	25,94	-44,493
22	22	13	STER	18,5	-23,35	29,79	-51,606
22	22	39	SSOVR	13,34	-9,6	16,44	-35,753
22	22	40	SSOVR	13,34	-6,86	15	-27,206
22	22	15	SSOVR	11,39	-6,86	13,3	-31,049
22	22	13	SSOVR	11,39	-9,6	14,9	-40,137
22	22	39	INERZIA	8,31	-5,98	10,24	-35,753
22	22	40	INERZIA	8,31	-4,27	9,34	-27,206
22	22	15	INERZIA	7,1	-4,27	8,28	-31,049
22	22	13	INERZIA	7,1	-5,98	9,28	-40,137
22	22	39	INCRSIS	78,33	-56,4	96,52	-35,753
22	22	40	INCRSIS	78,33	-40,27	88,08	-27,206
22	22	15	INCRSIS	66,89	-40,27	78,07	-31,049
22	22	13	INCRSIS	66,89	-56,4	87,49	-40,137
23	23	40	PP	0	0	0	0
23	23	41	PP	0	0	0	0
23	23	17	PP	0	0	0	0
23	23	15	PP	0	0	0	0
23	23	40	STER	5,41	-18,93	19,69	-74,046
23	23	41	STER	5,41	-16,75	17,6	-72,095
23	23	17	STER	4,41	-16,75	17,32	-75,256
23	23	15	STER	4,41	-18,93	19,44	-76,892
23	23	40	SSOVR	3,06	-6,79	7,45	-65,746
23	23	41	SSOVR	3,06	-6,35	7,05	-64,272
23	23	17	SSOVR	3,09	-6,35	7,06	-64,088
23	23	15	SSOVR	3,09	-6,79	7,46	-65,57
23	23	40	INERZIA	1,91	-4,23	4,64	-65,746
23	23	41	INERZIA	1,91	-3,96	4,39	-64,272
23	23	17	INERZIA	1,92	-3,96	4,4	-64,088
23	23	15	INERZIA	1,92	-4,23	4,65	-65,57
23	23	40	INCRSIS	17,97	-39,88	43,74	-65,746
23	23	41	INCRSIS	17,97	-37,29	41,39	-64,272
23	23	17	INCRSIS	18,12	-37,29	41,46	-64,088
23	23	15	INCRSIS	18,12	-39,88	43,8	-65,57
24	24	41	PP	0	0	0	0
24	24	42	PP	0	0	0	0
24	24	19	PP	0	0	0	0
24	24	17	PP	0	0	0	0
24	24	41	STER	-10,41	-18,36	21,11	-119,557
24	24	42	STER	-10,41	-15,03	18,29	-124,708
24	24	19	STER	-13,13	-15,03	19,96	-131,147
24	24	17	STER	-13,13	-18,36	22,57	-125,579
24	24	41	SSOVR	-5,26	-6,81	8,61	-127,681
24	24	42	SSOVR	-5,26	-5,7	7,76	-132,688
24	24	19	SSOVR	-6,36	-5,7	8,54	-138,103
24	24	17	SSOVR	-6,36	-6,81	9,32	-133,025
24	24	41	INERZIA	-3,28	-4,24	5,36	-127,681



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
24	24	42	INERZIA	-3,28	-3,55	4,83	-132,688
24	24	19	INERZIA	-3,96	-3,55	5,32	-138,103
24	24	17	INERZIA	-3,96	-4,24	5,81	-133,025
24	24	41	INCRSIS	-30,89	-40	50,54	-127,681
24	24	42	INCRSIS	-30,89	-33,49	45,57	-132,688
24	24	19	INCRSIS	-37,33	-33,49	50,16	-138,103
24	24	17	INCRSIS	-37,33	-40	54,72	-133,025
25	25	42	PP	0	0	0	0
25	25	43	PP	0	0	0	0
25	25	21	PP	0	0	0	0
25	25	19	PP	0	0	0	0
25	25	42	STER	-35,79	-17,25	39,73	-154,264
25	25	43	STER	-35,79	-20,37	41,18	-150,357
25	25	21	STER	-32,5	-20,37	38,36	-147,928
25	25	19	STER	-32,5	-17,25	36,8	-152,042
25	25	42	SSOVR	-18,17	-6,63	19,34	-159,949
25	25	43	SSOVR	-18,17	-8,95	20,25	-153,784
25	25	21	SSOVR	-16,16	-8,95	18,47	-151,028
25	25	19	SSOVR	-16,16	-6,63	17,47	-157,687
25	25	42	INERZIA	-11,32	-4,13	12,05	-159,949
25	25	43	INERZIA	-11,32	-5,57	12,62	-153,784
25	25	21	INERZIA	-10,07	-5,57	11,51	-151,028
25	25	19	INERZIA	-10,07	-4,13	10,88	-157,687
25	25	42	INCRSIS	-106,69	-38,94	113,58	-159,949
25	25	43	INCRSIS	-106,69	-52,54	118,93	-153,784
25	25	21	INCRSIS	-94,89	-52,54	108,46	-151,028
25	25	19	INCRSIS	-94,89	-38,94	102,57	-157,687
26	26	43	PP	0	0	0	0
26	26	44	PP	0	0	0	0
26	26	23	PP	0	0	0	0
26	26	21	PP	0	0	0	0
26	26	43	STER	-47,92	-31	57,07	-147,104
26	26	44	STER	-47,92	-123,12	132,12	-111,267
26	26	23	STER	-114,3	-123,12	168	-132,873
26	26	21	STER	-114,3	-31	118,43	-164,827
26	26	43	SSOVR	-23,79	-14,59	27,91	-148,468
26	26	44	SSOVR	-23,79	-64,93	69,15	-110,121
26	26	23	SSOVR	-59,71	-64,93	88,21	-132,605
26	26	21	SSOVR	-59,71	-14,59	61,47	-166,265
26	26	43	INERZIA	-14,82	-9,09	17,39	-148,468
26	26	44	INERZIA	-14,82	-40,45	43,08	-110,121
26	26	23	INERZIA	-37,2	-40,45	54,95	-132,605
26	26	21	INERZIA	-37,2	-9,09	38,3	-166,265
26	26	43	INCRSIS	-139,68	-85,7	163,87	-148,468
26	26	44	INCRSIS	-139,68	-381,24	406,02	-110,121
26	26	23	INCRSIS	-350,63	-381,24	517,96	-132,605
26	26	21	INCRSIS	-350,63	-85,7	360,95	-166,265
27	27	44	PP	0	0	0	0
27	27	45	PP	0	0	0	0
27	27	25	PP	0	0	0	0
27	27	23	PP	0	0	0	0
27	27	44	STER	21,14	-123,28	125,08	-80,271
27	27	45	STER	21,14	-25,94	33,46	-50,823
27	27	25	STER	87,79	-25,94	91,54	-16,459
27	27	23	STER	87,79	-123,28	151,34	-54,544
27	27	44	SSOVR	14,31	-65,07	66,62	-77,601
27	27	45	SSOVR	14,31	-12,72	19,15	-41,65
27	27	25	SSOVR	50,04	-12,72	51,63	-14,266
27	27	23	SSOVR	50,04	-65,07	82,09	-52,438
27	27	44	INERZIA	8,91	-40,54	41,51	-77,601
27	27	45	INERZIA	8,91	-7,93	11,93	-41,65
27	27	25	INERZIA	31,18	-7,93	32,17	-14,266
27	27	23	INERZIA	31,18	-40,54	51,14	-52,438
27	27	44	INCRSIS	84	-382,09	391,22	-77,601
27	27	45	INCRSIS	84	-74,71	112,42	-41,65
27	27	25	INCRSIS	293,84	-74,71	303,19	-14,266
27	27	23	INCRSIS	293,84	-382,09	482,02	-52,438
28	28	45	PP	0	0	0	0

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
28	28	46	PP	0	0	0	0
28	28	27	PP	0	0	0	0
28	28	25	PP	0	0	0	0
28	28	45	STER	10,65	-15,33	18,67	-55,21
28	28	46	STER	10,65	-6,98	12,73	-33,231
28	28	27	STER	9,42	-6,98	11,73	-36,52
28	28	25	STER	9,42	-15,33	18	-58,421
28	28	45	SSOVR	8,48	-7,34	11,22	-40,872
28	28	46	SSOVR	8,48	-2,79	8,93	-18,18
28	28	27	SSOVR	7	-2,79	7,53	-21,708
28	28	25	SSOVR	7	-7,34	10,14	-46,371
28	28	45	INERZIA	5,28	-4,57	6,99	-40,872
28	28	46	INERZIA	5,28	-1,74	5,56	-18,18
28	28	27	INERZIA	4,36	-1,74	4,69	-21,708
28	28	25	INERZIA	4,36	-4,57	6,32	-46,371
28	28	45	INCRSIS	49,8	-43,1	65,86	-40,872
28	28	46	INCRSIS	49,8	-16,36	52,42	-18,18
28	28	27	INCRSIS	41,08	-16,36	44,22	-21,708
28	28	25	INCRSIS	41,08	-43,1	59,54	-46,371
29	29	46	PP	0	0	0	0
29	29	47	PP	0	0	0	0
29	29	29	PP	0	0	0	0
29	29	27	PP	0	0	0	0
29	29	46	STER	-3,4	-3,1	4,6	-137,703
29	29	47	STER	-3,4	4,84	5,92	125,086
29	29	29	STER	1,78	4,84	5,16	69,791
29	29	27	STER	1,78	-3,1	3,57	-60,06
29	29	46	SSOVR	-2,13	-1,61	2,67	-143,038
29	29	47	SSOVR	-2,13	1,5	2,61	144,85
29	29	29	SSOVR	-0,64	1,5	1,63	113,157
29	29	27	SSOVR	-0,64	-1,61	1,73	-111,812
29	29	46	INERZIA	-1,33	-1	1,66	-143,038
29	29	47	INERZIA	-1,33	0,94	1,63	144,85
29	29	29	INERZIA	-0,4	0,94	1,02	113,157
29	29	27	INERZIA	-0,4	-1	1,08	-111,812
29	29	46	INCRSIS	-12,53	-9,43	15,69	-143,038
29	29	47	INCRSIS	-12,53	8,83	15,33	144,85
29	29	29	INCRSIS	-3,77	8,83	9,6	113,157
29	29	27	INCRSIS	-3,77	-9,43	10,16	-111,812
30	30	47	PP	0	0	0	0
30	30	48	PP	0	0	0	0
30	30	31	PP	0	0	0	0
30	30	29	PP	0	0	0	0
30	30	47	STER	-8,82	20,88	22,67	112,892
30	30	48	STER	-8,82	30,8	32,03	105,976
30	30	31	STER	23,57	30,8	38,78	52,57
30	30	29	STER	23,57	20,88	31,49	41,535
30	30	47	SSOVR	-9,86	6,08	11,58	148,339
30	30	48	SSOVR	-9,86	9,48	13,68	136,132
30	30	31	SSOVR	-0,42	9,48	9,49	92,547
30	30	29	SSOVR	-0,42	6,08	6,09	93,967
30	30	47	INERZIA	-6,14	3,79	7,22	148,339
30	30	48	INERZIA	-6,14	5,9	8,52	136,132
30	30	31	INERZIA	-0,26	5,9	5,91	92,547
30	30	29	INERZIA	-0,26	3,79	3,8	93,967
30	30	47	INCRSIS	-57,89	35,7	68,02	148,339
30	30	48	INCRSIS	-57,89	55,65	80,3	136,132
30	30	31	INCRSIS	-2,48	55,65	55,7	92,547
30	30	29	INCRSIS	-2,48	35,7	35,79	93,967
34	34	51	PP	0	0	0	0
34	34	52	PP	0	0	0	0
34	34	37	PP	0	0	0	0
34	34	36	PP	0	0	0	0
34	34	51	STER	3,95	-24,59	24,9	-80,872
34	34	52	STER	3,95	-30,21	30,46	-82,548
34	34	37	STER	-1,09	-30,21	30,23	-92,069
34	34	36	STER	-1,09	-24,59	24,61	-92,541
34	34	51	SSOVR	0,47	-9,45	9,47	-87,137

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
34	34	52	SSOVR	0,47	-12,91	12,92	-87,903
34	34	37	SSOVR	-2,63	-12,91	13,17	-101,499
34	34	36	SSOVR	-2,63	-9,45	9,81	-105,524
34	34	51	INERZIA	0,29	-5,89	5,9	-87,137
34	34	52	INERZIA	0,29	-8,04	8,05	-87,903
34	34	37	INERZIA	-1,64	-8,04	8,21	-101,499
34	34	36	INERZIA	-1,64	-5,89	6,11	-105,524
34	34	51	INCRSIS	2,78	-55,52	55,59	-87,137
34	34	52	INCRSIS	2,78	-75,8	75,85	-87,903
34	34	37	INCRSIS	-15,42	-75,8	77,36	-101,499
34	34	36	INCRSIS	-15,42	-55,52	57,62	-105,524
35	35	52	PP	0	0	0	0
35	35	53	PP	0	0	0	0
35	35	38	PP	0	0	0	0
35	35	37	PP	0	0	0	0
35	35	52	STER	9,39	-33,3	34,6	-74,261
35	35	53	STER	9,39	-29,76	31,2	-72,493
35	35	38	STER	-3,69	-29,76	29,98	-97,071
35	35	37	STER	-3,69	-33,3	33,51	-96,323
35	35	52	SSOVR	3,85	-15,19	15,67	-75,793
35	35	53	SSOVR	3,85	-12,55	13,12	-72,96
35	35	38	SSOVR	-5,47	-12,55	13,69	-113,569
35	35	37	SSOVR	-5,47	-15,19	16,15	-109,816
35	35	52	INERZIA	2,4	-9,46	9,76	-75,793
35	35	53	INERZIA	2,4	-7,82	8,18	-72,96
35	35	38	INERZIA	-3,41	-7,82	8,53	-113,569
35	35	37	INERZIA	-3,41	-9,46	10,06	-109,816
35	35	52	INCRSIS	22,58	-89,2	92,01	-75,793
35	35	53	INCRSIS	22,58	-73,68	77,06	-72,96
35	35	38	INCRSIS	-32,14	-73,68	80,38	-113,569
35	35	37	INCRSIS	-32,14	-89,2	94,81	-109,816
36	36	53	PP	0	0	0	0
36	36	54	PP	0	0	0	0
36	36	39	PP	0	0	0	0
36	36	38	PP	0	0	0	0
36	36	53	STER	13,53	-30,14	33,04	-65,827
36	36	54	STER	13,53	-33,03	35,69	-67,726
36	36	39	STER	24,87	-33,03	41,34	-53,017
36	36	38	STER	24,87	-30,14	39,08	-50,469
36	36	53	SSOVR	5,55	-12,56	13,74	-66,155
36	36	54	SSOVR	5,55	-14,77	15,78	-69,396
36	36	39	SSOVR	14,97	-14,77	21,03	-44,619
36	36	38	SSOVR	14,97	-12,56	19,54	-40,009
36	36	53	INERZIA	3,46	-7,83	8,56	-66,155
36	36	54	INERZIA	3,46	-9,2	9,83	-69,396
36	36	39	INERZIA	9,33	-9,2	13,1	-44,619
36	36	38	INERZIA	9,33	-7,83	12,17	-40,009
36	36	53	INCRSIS	32,61	-73,77	80,66	-66,155
36	36	54	INCRSIS	32,61	-86,73	92,66	-69,396
36	36	39	INCRSIS	87,89	-86,73	123,48	-44,619
36	36	38	INCRSIS	87,89	-73,77	114,75	-40,009
37	37	54	PP	0	0	0	0
37	37	55	PP	0	0	0	0
37	37	40	PP	0	0	0	0
37	37	39	PP	0	0	0	0
37	37	54	STER	16,35	-30,27	34,4	-61,622
37	37	55	STER	16,35	-24,27	29,27	-56,036
37	37	40	STER	19,89	-24,27	31,38	-50,664
37	37	39	STER	19,89	-30,27	36,22	-56,685
37	37	54	SSOVR	7,82	-12,22	14,51	-57,394
37	37	55	SSOVR	7,82	-8,21	11,34	-46,405
37	37	40	SSOVR	12	-8,21	14,54	-34,377
37	37	39	SSOVR	12	-12,22	17,13	-45,518
37	37	54	INERZIA	4,87	-7,61	9,04	-57,394
37	37	55	INERZIA	4,87	-5,11	7,06	-46,405
37	37	40	INERZIA	7,48	-5,11	9,06	-34,377
37	37	39	INERZIA	7,48	-7,61	10,67	-45,518
37	37	54	INCRSIS	45,9	-71,76	85,18	-57,394



Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
37	37	55	INCRSIS	45,9	-48,21	66,57	-46,405
37	37	40	INCRSIS	70,47	-48,21	85,38	-34,377
37	37	39	INCRSIS	70,47	-71,76	100,57	-45,518
38	38	55	PP	0	0	0	0
38	38	56	PP	0	0	0	0
38	38	41	PP	0	0	0	0
38	38	40	PP	0	0	0	0
38	38	55	STER	7,51	-24,71	25,83	-73,102
38	38	56	STER	7,51	-22,65	23,87	-71,667
38	38	41	STER	4,57	-22,65	23,11	-78,597
38	38	40	STER	4,57	-24,71	25,13	-79,525
38	38	55	SSOVR	3,17	-7,81	8,43	-67,938
38	38	56	SSOVR	3,17	-6,69	7,4	-64,668
38	38	41	SSOVR	2,77	-6,69	7,24	-67,476
38	38	40	SSOVR	2,77	-7,81	8,29	-70,452
38	38	55	INERZIA	1,97	-4,87	5,25	-67,938
38	38	56	INERZIA	1,97	-4,17	4,61	-64,668
38	38	41	INERZIA	1,73	-4,17	4,51	-67,476
38	38	40	INERZIA	1,73	-4,87	5,17	-70,452
38	38	55	INCRSIS	18,6	-45,89	49,51	-67,938
38	38	56	INCRSIS	18,6	-39,29	43,47	-64,668
38	38	41	INCRSIS	16,29	-39,29	42,53	-67,476
38	38	40	INCRSIS	16,29	-45,89	48,7	-70,452
39	39	56	PP	0	0	0	0
39	39	57	PP	0	0	0	0
39	39	42	PP	0	0	0	0
39	39	41	PP	0	0	0	0
39	39	56	STER	-6,23	-24,24	25,03	-104,402
39	39	57	STER	-6,23	-25,77	26,51	-103,582
39	39	42	STER	-10,89	-25,77	27,98	-112,906
39	39	41	STER	-10,89	-24,24	26,58	-114,187
39	39	56	SSOVR	-3,66	-7,11	7,99	-117,227
39	39	57	SSOVR	-3,66	-8,33	9,09	-113,712
39	39	42	SSOVR	-5,3	-8,33	9,87	-122,458
39	39	41	SSOVR	-5,3	-7,11	8,86	-126,69
39	39	56	INERZIA	-2,28	-4,43	4,98	-117,227
39	39	57	INERZIA	-2,28	-5,19	5,67	-113,712
39	39	42	INERZIA	-3,3	-5,19	6,15	-122,458
39	39	41	INERZIA	-3,3	-4,43	5,52	-126,69
39	39	56	INCRSIS	-21,48	-41,74	46,94	-117,227
39	39	57	INCRSIS	-21,48	-48,89	53,4	-113,712
39	39	42	INCRSIS	-31,1	-48,89	57,95	-122,458
39	39	41	INCRSIS	-31,1	-41,74	52,05	-126,69
40	40	57	PP	0	0	0	0
40	40	58	PP	0	0	0	0
40	40	43	PP	0	0	0	0
40	40	42	PP	0	0	0	0
40	40	57	STER	-18,24	-29,01	34,27	-122,163
40	40	58	STER	-18,24	-37,01	41,26	-116,236
40	40	43	STER	-33,6	-37,01	49,99	-132,23
40	40	42	STER	-33,6	-29,01	44,39	-139,191
40	40	57	SSOVR	-8,92	-9,75	13,22	-132,451
40	40	58	SSOVR	-8,92	-14,71	17,21	-121,233
40	40	43	SSOVR	-16,74	-14,71	22,29	-138,681
40	40	42	SSOVR	-16,74	-9,75	19,37	-149,767
40	40	57	INERZIA	-5,56	-6,08	8,24	-132,451
40	40	58	INERZIA	-5,56	-9,17	10,72	-121,233
40	40	43	INERZIA	-10,43	-9,17	13,88	-138,681
40	40	42	INERZIA	-10,43	-6,08	12,07	-149,767
40	40	57	INCRSIS	-52,4	-57,28	77,63	-132,451
40	40	58	INCRSIS	-52,4	-86,4	101,05	-121,233
40	40	43	INCRSIS	-98,29	-86,4	130,87	-138,681
40	40	42	INCRSIS	-98,29	-57,28	113,76	-149,767
41	41	58	PP	0	0	0	0
41	41	59	PP	0	0	0	0
41	41	44	PP	0	0	0	0
41	41	43	PP	0	0	0	0
41	41	58	STER	-14,83	-45,26	47,62	-108,14

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Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
41	41	59	STER	-14,83	-35,98	38,92	-112,397
41	41	44	STER	-41,82	-35,98	55,16	-139,291
41	41	43	STER	-41,82	-45,26	61,62	-132,738
41	41	58	SSOVR	-5,62	-19,02	19,83	-106,462
41	41	59	SSOVR	-5,62	-14,69	15,73	-110,938
41	41	44	SSOVR	-20,24	-14,69	25,01	-144,033
41	41	43	SSOVR	-20,24	-19,02	27,77	-136,783
41	41	58	INERZIA	-3,5	-11,85	12,36	-106,462
41	41	59	INERZIA	-3,5	-9,15	9,8	-110,938
41	41	44	INERZIA	-12,61	-9,15	15,58	-144,033
41	41	43	INERZIA	-12,61	-11,85	17,3	-136,783
41	41	58	INCRSIS	-33	-111,68	116,45	-106,462
41	41	59	INCRSIS	-33	-86,25	92,35	-110,938
41	41	44	INCRSIS	-118,86	-86,25	146,85	-144,033
41	41	43	INCRSIS	-118,86	-111,68	163,09	-136,783
42	42	59	PP	0	0	0	0
42	42	60	PP	0	0	0	0
42	42	45	PP	0	0	0	0
42	42	44	PP	0	0	0	0
42	42	59	STER	-15,46	-36,08	39,25	-113,194
42	42	60	STER	-15,46	-38,57	41,55	-111,841
42	42	45	STER	12,59	-38,57	40,57	-71,921
42	42	44	STER	12,59	-36,08	38,21	-70,762
42	42	59	SSOVR	-4,64	-14,79	15,5	-107,406
42	42	60	SSOVR	-4,64	-16,98	17,6	-105,278
42	42	45	SSOVR	9,9	-16,98	19,65	-59,763
42	42	44	SSOVR	9,9	-14,79	17,8	-56,219
42	42	59	INERZIA	-2,89	-9,22	9,66	-107,406
42	42	60	INERZIA	-2,89	-10,58	10,96	-105,278
42	42	45	INERZIA	6,17	-10,58	12,24	-59,763
42	42	44	INERZIA	6,17	-9,22	11,09	-56,219
42	42	59	INCRSIS	-27,23	-86,86	91,03	-107,406
42	42	60	INCRSIS	-27,23	-99,69	103,34	-105,278
42	42	45	INCRSIS	58,11	-99,69	115,39	-59,763
42	42	44	INCRSIS	58,11	-86,86	104,51	-56,219
43	43	60	PP	0	0	0	0
43	43	61	PP	0	0	0	0
43	43	46	PP	0	0	0	0
43	43	45	PP	0	0	0	0
43	43	60	STER	-11,5	-29,94	32,07	-111,019
43	43	61	STER	-11,5	-11,66	16,38	-134,624
43	43	46	STER	6,21	-11,66	13,21	-61,95
43	43	45	STER	6,21	-29,94	30,57	-78,28
43	43	60	SSOVR	-1,47	-12,75	12,83	-96,588
43	43	61	SSOVR	-1,47	-4,34	4,58	-108,752
43	43	46	SSOVR	6,27	-4,34	7,62	-34,688
43	43	45	SSOVR	6,27	-12,75	14,2	-63,825
43	43	60	INERZIA	-0,92	-7,94	7,99	-96,588
43	43	61	INERZIA	-0,92	-2,7	2,85	-108,752
43	43	46	INERZIA	3,9	-2,7	4,75	-34,688
43	43	45	INERZIA	3,9	-7,94	8,85	-63,825
43	43	60	INCRSIS	-8,64	-74,85	75,35	-96,588
43	43	61	INCRSIS	-8,64	-25,46	26,89	-108,752
43	43	46	INCRSIS	36,79	-25,46	44,74	-34,688
43	43	45	INCRSIS	36,79	-74,85	83,4	-63,825
44	44	61	PP	0	0	0	0
44	44	62	PP	0	0	0	0
44	44	47	PP	0	0	0	0
44	44	46	PP	0	0	0	0
44	44	61	STER	-24,33	-5,45	24,94	-167,374
44	44	62	STER	-24,33	7,07	25,34	163,788
44	44	47	STER	-5,64	7,07	9,05	128,578
44	44	46	STER	-5,64	-5,45	7,85	-135,993
44	44	61	SSOVR	-8,14	-2,33	8,47	-164,053
44	44	62	SSOVR	-8,14	2,43	8,5	163,36
44	44	47	SSOVR	-3,09	2,43	3,93	141,76
44	44	46	SSOVR	-3,09	-2,33	3,87	-143,004
44	44	61	INERZIA	-5,07	-1,45	5,28	-164,053

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
44	44	62	INERZIA	-5,07	1,52	5,29	163,36
44	44	47	INERZIA	-1,92	1,52	2,45	141,76
44	44	46	INERZIA	-1,92	-1,45	2,41	-143,004
44	44	61	INCRSIS	-47,82	-13,66	49,73	-164,053
44	44	62	INCRSIS	-47,82	14,29	49,91	163,36
44	44	47	INCRSIS	-18,13	14,29	23,09	141,76
44	44	46	INCRSIS	-18,13	-13,66	22,71	-143,004
45	45	62	PP	0	0	0	0
45	45	63	PP	0	0	0	0
45	45	48	PP	0	0	0	0
45	45	47	PP	0	0	0	0
45	45	62	STER	-45,04	19,52	49,08	156,572
45	45	63	STER	-45,04	27,38	52,71	148,701
45	45	48	STER	-8,45	27,38	28,66	107,145
45	45	47	STER	-8,45	19,52	21,27	113,406
45	45	62	SSOVR	-19,49	5,68	20,3	163,761
45	45	63	SSOVR	-19,49	8,01	21,07	157,647
45	45	48	SSOVR	-9,87	8,01	12,71	140,931
45	45	47	SSOVR	-9,87	5,68	11,39	150,102
45	45	62	INERZIA	-12,14	3,54	12,65	163,761
45	45	63	INERZIA	-12,14	4,99	13,13	157,647
45	45	48	INERZIA	-6,15	4,99	7,92	140,931
45	45	47	INERZIA	-6,15	3,54	7,09	150,102
45	45	62	INCRSIS	-114,43	33,33	119,19	163,761
45	45	63	INCRSIS	-114,43	47,06	123,73	157,647
45	45	48	INCRSIS	-57,97	47,06	74,66	140,931
45	45	47	INCRSIS	-57,97	33,33	66,87	150,102
48	48	65	PP	0	0	0	0
48	48	66	PP	0	0	0	0
48	48	52	PP	0	0	0	0
48	48	51	PP	0	0	0	0
48	48	65	STER	-5,97	-12,64	13,98	-115,268
48	48	66	STER	-5,97	-14,8	15,96	-111,965
48	48	52	STER	5,09	-14,8	15,65	-71,018
48	48	51	STER	5,09	-12,64	13,63	-68,071
48	48	65	SSOVR	-0,99	-3,57	3,7	-105,502
48	48	66	SSOVR	-0,99	-3,42	3,56	-106,127
48	48	52	SSOVR	0,76	-3,42	3,51	-77,451
48	48	51	SSOVR	0,76	-3,57	3,65	-77,947
48	48	65	INERZIA	-0,62	-2,22	2,31	-105,502
48	48	66	INERZIA	-0,62	-2,13	2,22	-106,127
48	48	52	INERZIA	0,47	-2,13	2,19	-77,451
48	48	51	INERZIA	0,47	-2,22	2,27	-77,947
48	48	65	INCRSIS	-5,81	-20,96	21,75	-105,502
48	48	66	INCRSIS	-5,81	-20,11	20,93	-106,127
48	48	52	INCRSIS	4,48	-20,11	20,6	-77,451
48	48	51	INCRSIS	4,48	-20,96	21,43	-77,947
49	49	66	PP	0	0	0	0
49	49	67	PP	0	0	0	0
49	49	53	PP	0	0	0	0
49	49	52	PP	0	0	0	0
49	49	66	STER	13,43	-13,83	19,27	-45,836
49	49	67	STER	13,43	-15,27	20,33	-48,669
49	49	53	STER	8,93	-15,27	17,69	-59,691
49	49	52	STER	8,93	-13,83	16,46	-57,155
49	49	66	SSOVR	4,91	-3,59	6,09	-36,15
49	49	67	SSOVR	4,91	-3,74	6,17	-37,257
49	49	53	SSOVR	3,28	-3,74	4,97	-48,771
49	49	52	SSOVR	3,28	-3,59	4,86	-47,623
49	49	66	INERZIA	3,06	-2,24	3,79	-36,15
49	49	67	INERZIA	3,06	-2,33	3,85	-37,257
49	49	53	INERZIA	2,04	-2,33	3,1	-48,771
49	49	52	INERZIA	2,04	-2,24	3,03	-47,623
49	49	66	INCRSIS	28,86	-21,08	35,73	-36,15
49	49	67	INCRSIS	28,86	-21,95	36,25	-37,257
49	49	53	INCRSIS	19,23	-21,95	29,18	-48,771
49	49	52	INCRSIS	19,23	-21,08	28,54	-47,623
50	50	67	PP	0	0	0	0



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
50	50	68	PP	0	0	0	0
50	50	54	PP	0	0	0	0
50	50	53	PP	0	0	0	0
50	50	67	STER	16,71	-16,15	23,24	-44,031
50	50	68	STER	16,71	-18,54	24,96	-47,979
50	50	54	STER	14,57	-18,54	23,58	-51,845
50	50	53	STER	14,57	-16,15	21,75	-47,953
50	50	67	SSOVR	5,85	-3,84	7	-33,27
50	50	68	SSOVR	5,85	-4,98	7,69	-40,372
50	50	54	SSOVR	6,32	-4,98	8,05	-38,213
50	50	53	SSOVR	6,32	-3,84	7,4	-31,281
50	50	67	INERZIA	3,65	-2,39	4,36	-33,27
50	50	68	INERZIA	3,65	-3,1	4,79	-40,372
50	50	54	INERZIA	3,94	-3,1	5,01	-38,213
50	50	53	INERZIA	3,94	-2,39	4,61	-31,281
50	50	67	INCRSIS	34,38	-22,56	41,12	-33,27
50	50	68	INCRSIS	34,38	-29,23	45,13	-40,372
50	50	54	INCRSIS	37,13	-29,23	47,25	-38,213
50	50	53	INCRSIS	37,13	-22,56	43,44	-31,281
51	51	68	PP	0	0	0	0
51	51	69	PP	0	0	0	0
51	51	55	PP	0	0	0	0
51	51	54	PP	0	0	0	0
51	51	68	STER	16,23	-18,76	24,81	-49,131
51	51	69	STER	16,23	-21,2	26,7	-52,565
51	51	55	STER	16,02	-21,2	26,57	-52,931
51	51	54	STER	16,02	-18,76	24,67	-49,507
51	51	68	SSOVR	5,51	-4,34	7,01	-38,233
51	51	69	SSOVR	5,51	-5,4	7,71	-44,417
51	51	55	SSOVR	7,66	-5,4	9,37	-35,182
51	51	54	SSOVR	7,66	-4,34	8,8	-29,545
51	51	68	INERZIA	3,43	-2,7	4,37	-38,233
51	51	69	INERZIA	3,43	-3,36	4,8	-44,417
51	51	55	INERZIA	4,77	-3,36	5,84	-35,182
51	51	54	INERZIA	4,77	-2,7	5,48	-29,545
51	51	68	INCRSIS	32,35	-25,48	41,18	-38,233
51	51	69	INCRSIS	32,35	-31,69	45,29	-44,417
51	51	55	INCRSIS	44,96	-31,69	55,01	-35,182
51	51	54	INCRSIS	44,96	-25,48	51,68	-29,545
52	52	69	PP	0	0	0	0
52	52	70	PP	0	0	0	0
52	52	56	PP	0	0	0	0
52	52	55	PP	0	0	0	0
52	52	69	STER	10,27	-21,75	24,06	-64,725
52	52	70	STER	10,27	-22,85	25,05	-65,795
52	52	56	STER	7	-22,85	23,9	-72,968
52	52	55	STER	7	-21,75	22,85	-72,163
52	52	69	SSOVR	3,02	-4,91	5,77	-58,407
52	52	70	SSOVR	3,02	-5,22	6,03	-59,927
52	52	56	SSOVR	2,94	-5,22	5,99	-60,57
52	52	55	SSOVR	2,94	-4,91	5,73	-59,069
52	52	69	INERZIA	1,88	-3,06	3,59	-58,407
52	52	70	INERZIA	1,88	-3,25	3,76	-59,927
52	52	56	INERZIA	1,83	-3,25	3,73	-60,57
52	52	55	INERZIA	1,83	-3,06	3,57	-59,069
52	52	69	INCRSIS	17,75	-28,86	33,88	-58,407
52	52	70	INCRSIS	17,75	-30,65	35,42	-59,927
52	52	56	INCRSIS	17,29	-30,65	35,19	-60,57
52	52	55	INCRSIS	17,29	-28,86	33,64	-59,069
53	53	70	PP	0	0	0	0
53	53	71	PP	0	0	0	0
53	53	57	PP	0	0	0	0
53	53	56	PP	0	0	0	0
53	53	70	STER	0,76	-24,85	24,87	-88,238
53	53	71	STER	0,76	-25,42	25,43	-88,277
53	53	57	STER	-6,19	-25,42	26,16	-103,695
53	53	56	STER	-6,19	-24,85	25,61	-103,994
53	53	70	SSOVR	-0,9	-5,72	5,79	-98,914

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
53	53	71	SSOVR	-0,9	-6,13	6,2	-98,321
53	53	57	SSOVR	-3,45	-6,13	7,04	-119,336
53	53	56	SSOVR	-3,45	-5,72	6,68	-121,074
53	53	70	INERZIA	-0,56	-3,56	3,61	-98,914
53	53	71	INERZIA	-0,56	-3,82	3,86	-98,321
53	53	57	INERZIA	-2,15	-3,82	4,38	-119,336
53	53	56	INERZIA	-2,15	-3,56	4,16	-121,074
53	53	70	INCRSIS	-5,27	-33,59	34	-98,914
53	53	71	INCRSIS	-5,27	-36,02	36,4	-98,321
53	53	57	INCRSIS	-20,24	-36,02	41,31	-119,336
53	53	56	INCRSIS	-20,24	-33,59	39,21	-121,074
54	54	71	PP	0	0	0	0
54	54	72	PP	0	0	0	0
54	54	58	PP	0	0	0	0
54	54	57	PP	0	0	0	0
54	54	71	STER	-7,66	-29,24	30,22	-104,678
54	54	72	STER	-7,66	-26,14	27,24	-106,331
54	54	58	STER	-18,84	-26,14	32,22	-125,791
54	54	57	STER	-18,84	-29,24	34,79	-122,802
54	54	71	SSOVR	-3,63	-7,77	8,58	-115,009
54	54	72	SSOVR	-3,63	-6,65	7,58	-118,598
54	54	58	SSOVR	-8,95	-6,65	11,15	-143,376
54	54	57	SSOVR	-8,95	-7,77	11,85	-139,02
54	54	71	INERZIA	-2,26	-4,84	5,34	-115,009
54	54	72	INERZIA	-2,26	-4,14	4,72	-118,598
54	54	58	INERZIA	-5,57	-4,14	6,95	-143,376
54	54	57	INERZIA	-5,57	-4,84	7,38	-139,02
54	54	71	INCRSIS	-21,29	-45,64	50,37	-115,009
54	54	72	INCRSIS	-21,29	-39,06	44,48	-118,598
54	54	58	INCRSIS	-52,54	-39,06	65,47	-143,376
54	54	57	INCRSIS	-52,54	-45,64	69,6	-139,02
55	55	72	PP	0	0	0	0
55	55	73	PP	0	0	0	0
55	55	59	PP	0	0	0	0
55	55	58	PP	0	0	0	0
55	55	72	STER	-14,27	-29,59	32,85	-115,748
55	55	73	STER	-14,27	-24,93	28,72	-119,789
55	55	59	STER	-18,3	-24,93	30,92	-126,281
55	55	58	STER	-18,3	-29,59	34,79	-121,735
55	55	72	SSOVR	-5,03	-8,29	9,7	-121,261
55	55	73	SSOVR	-5,03	-6,61	8,31	-127,3
55	55	59	SSOVR	-7,12	-6,61	9,71	-137,129
55	55	58	SSOVR	-7,12	-8,29	10,93	-130,644
55	55	72	INERZIA	-3,14	-5,17	6,04	-121,261
55	55	73	INERZIA	-3,14	-4,12	5,17	-127,3
55	55	59	INERZIA	-4,43	-4,12	6,05	-137,129
55	55	58	INERZIA	-4,43	-5,17	6,81	-130,644
55	55	72	INCRSIS	-29,56	-48,68	56,95	-121,261
55	55	73	INCRSIS	-29,56	-38,8	48,77	-127,3
55	55	59	INCRSIS	-41,79	-38,8	57,03	-137,129
55	55	58	INCRSIS	-41,79	-48,68	64,16	-130,644
56	56	73	PP	0	0	0	0
56	56	74	PP	0	0	0	0
56	56	60	PP	0	0	0	0
56	56	59	PP	0	0	0	0
56	56	73	STER	-20,6	-25	32,39	-129,496
56	56	74	STER	-20,6	-22,6	30,58	-132,355
56	56	60	STER	-15,31	-22,6	27,3	-124,112
56	56	59	STER	-15,31	-25	29,31	-121,482
56	56	73	SSOVR	-6,2	-6,68	9,11	-132,841
56	56	74	SSOVR	-6,2	-6,57	9,03	-133,311
56	56	60	SSOVR	-4,11	-6,57	7,75	-122,044
56	56	59	SSOVR	-4,11	-6,68	7,85	-121,622
56	56	73	INERZIA	-3,86	-4,16	5,68	-132,841
56	56	74	INERZIA	-3,86	-4,09	5,63	-133,311
56	56	60	INERZIA	-2,56	-4,09	4,83	-122,044
56	56	59	INERZIA	-2,56	-4,16	4,89	-121,622
56	56	73	INCRSIS	-36,38	-39,23	53,51	-132,841

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
56	56	74	INCRSIS	-36,38	-38,59	53,04	-133,311
56	56	60	INCRSIS	-24,16	-38,59	45,53	-122,044
56	56	59	INCRSIS	-24,16	-39,23	46,07	-121,622
57	57	74	PP	0	0	0	0
57	57	75	PP	0	0	0	0
57	57	61	PP	0	0	0	0
57	57	60	PP	0	0	0	0
57	57	74	STER	-29,98	-18,38	35,16	-148,481
57	57	75	STER	-29,98	-12,24	32,38	-157,794
57	57	61	STER	-14,31	-12,24	18,82	-139,456
57	57	60	STER	-14,31	-18,38	23,29	-127,889
57	57	74	SSOVR	-8,56	-4,84	9,83	-150,526
57	57	75	SSOVR	-8,56	-3,53	9,25	-157,605
57	57	61	SSOVR	-2,5	-3,53	4,32	-125,338
57	57	60	SSOVR	-2,5	-4,84	5,44	-117,337
57	57	74	INERZIA	-5,33	-3,01	6,12	-150,526
57	57	75	INERZIA	-5,33	-2,2	5,76	-157,605
57	57	61	INERZIA	-1,56	-2,2	2,69	-125,338
57	57	60	INERZIA	-1,56	-3,01	3,39	-117,337
57	57	74	INCRSIS	-50,24	-28,39	57,71	-150,526
57	57	75	INCRSIS	-50,24	-20,7	54,34	-157,605
57	57	61	INCRSIS	-14,68	-20,7	25,38	-125,338
57	57	60	INCRSIS	-14,68	-28,39	31,96	-117,337
58	58	75	PP	0	0	0	0
58	58	76	PP	0	0	0	0
58	58	62	PP	0	0	0	0
58	58	61	PP	0	0	0	0
58	58	75	STER	-46,85	-4,87	47,1	-174,066
58	58	76	STER	-46,85	4,25	47,04	174,814
58	58	62	STER	-26,86	4,25	27,2	171,006
58	58	61	STER	-26,86	-4,87	27,3	-169,726
58	58	75	SSOVR	-14,52	-1,13	14,57	-175,538
58	58	76	SSOVR	-14,52	1,56	14,61	173,862
58	58	62	SSOVR	-9,15	1,56	9,28	170,317
58	58	61	SSOVR	-9,15	-1,13	9,22	-172,942
58	58	75	INERZIA	-9,05	-0,71	9,07	-175,538
58	58	76	INERZIA	-9,05	0,97	9,1	173,862
58	58	62	INERZIA	-5,7	0,97	5,78	170,317
58	58	61	INERZIA	-5,7	-0,71	5,75	-172,942
58	58	75	INCRSIS	-85,27	-6,65	85,53	-175,538
58	58	76	INCRSIS	-85,27	9,17	85,76	173,862
58	58	62	INCRSIS	-53,74	9,17	54,52	170,317
58	58	61	INCRSIS	-53,74	-6,65	54,15	-172,942
59	59	76	PP	0	0	0	0
59	59	77	PP	0	0	0	0
59	59	63	PP	0	0	0	0
59	59	62	PP	0	0	0	0
59	59	76	STER	-73,97	15,26	75,53	168,347
59	59	77	STER	-73,97	23,55	77,63	162,34
59	59	63	STER	-45,22	23,55	50,99	152,491
59	59	62	STER	-45,22	15,26	47,73	161,358
59	59	76	SSOVR	-25,83	4,13	26,16	170,914
59	59	77	SSOVR	-25,83	6,1	26,54	166,709
59	59	63	SSOVR	-19,61	6,1	20,54	162,72
59	59	62	SSOVR	-19,61	4,13	20,04	168,107
59	59	76	INERZIA	-16,09	2,57	16,29	170,914
59	59	77	INERZIA	-16,09	3,8	16,53	166,709
59	59	63	INERZIA	-12,22	3,8	12,8	162,72
59	59	62	INERZIA	-12,22	2,57	12,49	168,107
59	59	76	INCRSIS	-151,66	24,25	153,58	170,914
59	59	77	INCRSIS	-151,66	35,83	155,83	166,709
59	59	63	INCRSIS	-115,16	35,83	120,61	162,72
59	59	62	INCRSIS	-115,16	24,25	117,69	168,107
61	61	78	PP	0	0	0	0
61	61	79	PP	0	0	0	0
61	61	66	PP	0	0	0	0
61	61	65	PP	0	0	0	0
61	61	78	STER	20,88	40,28	45,37	62,604



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
61	61	79	STER	20,88	3,71	21,2	10,08
61	61	66	STER	-0,69	3,71	3,77	100,525
61	61	65	STER	-0,69	40,28	40,28	90,981
61	61	78	SSOVR	8,1	17,19	19	64,754
61	61	79	SSOVR	8,1	3,46	8,81	23,14
61	61	66	SSOVR	0,8	3,46	3,55	77,025
61	61	65	SSOVR	0,8	17,19	17,2	87,342
61	61	78	INERZIA	5,05	10,71	11,84	64,754
61	61	79	INERZIA	5,05	2,16	5,49	23,14
61	61	66	INERZIA	0,5	2,16	2,21	77,025
61	61	65	INERZIA	0,5	10,71	10,72	87,342
61	61	78	INCRSIS	47,59	100,92	111,58	64,754
61	61	79	INCRSIS	47,59	20,34	51,75	23,14
61	61	66	INCRSIS	4,69	20,34	20,87	77,025
61	61	65	INCRSIS	4,69	100,92	101,03	87,342
62	62	79	PP	0	0	0	0
62	62	80	PP	0	0	0	0
62	62	67	PP	0	0	0	0
62	62	66	PP	0	0	0	0
62	62	79	STER	14,59	0,45	14,6	1,75
62	62	80	STER	14,59	5,3	15,53	19,98
62	62	67	STER	13,99	5,3	14,96	20,772
62	62	66	STER	13,99	0,45	13,99	1,825
62	62	79	SSOVR	4,95	2,62	5,6	27,839
62	62	80	SSOVR	4,95	4,21	6,5	40,338
62	62	67	SSOVR	5,07	4,21	6,58	39,702
62	62	66	SSOVR	5,07	2,62	5,7	27,309
62	62	79	INERZIA	3,09	1,63	3,49	27,839
62	62	80	INERZIA	3,09	2,62	4,05	40,338
62	62	67	INERZIA	3,16	2,62	4,1	39,702
62	62	66	INERZIA	3,16	1,63	3,55	27,309
62	62	79	INCRSIS	29,08	15,36	32,89	27,839
62	62	80	INCRSIS	29,08	24,7	38,16	40,338
62	62	67	INCRSIS	29,75	24,7	38,66	39,702
62	62	66	INCRSIS	29,75	15,36	33,48	27,309
63	63	80	PP	0	0	0	0
63	63	81	PP	0	0	0	0
63	63	68	PP	0	0	0	0
63	63	67	PP	0	0	0	0
63	63	80	STER	25,75	3,48	25,99	7,705
63	63	81	STER	25,75	-3,72	26,02	-8,217
63	63	68	STER	18,1	-3,72	18,48	-11,608
63	63	67	STER	18,1	3,48	18,44	10,894
63	63	80	SSOVR	8	3,77	8,84	25,213
63	63	81	SSOVR	8	1,62	8,16	11,432
63	63	68	SSOVR	6,42	1,62	6,62	14,135
63	63	67	SSOVR	6,42	3,77	7,44	30,386
63	63	80	INERZIA	4,98	2,35	5,51	25,213
63	63	81	INERZIA	4,98	1,01	5,08	11,432
63	63	68	INERZIA	4	1,01	4,13	14,135
63	63	67	INERZIA	4	2,35	4,64	30,386
63	63	80	INCRSIS	46,96	22,11	51,9	25,213
63	63	81	INCRSIS	46,96	9,5	47,91	11,432
63	63	68	INCRSIS	37,71	9,5	38,89	14,135
63	63	67	INCRSIS	37,71	22,11	43,71	30,386
64	64	81	PP	0	0	0	0
64	64	82	PP	0	0	0	0
64	64	69	PP	0	0	0	0
64	64	68	PP	0	0	0	0
64	64	81	STER	21,52	-5,02	22,1	-13,138
64	64	82	STER	21,52	-10,7	24,04	-26,443
64	64	69	STER	17,83	-10,7	20,8	-30,976
64	64	68	STER	17,83	-5,02	18,52	-15,734
64	64	81	SSOVR	6,24	1,59	6,44	14,327
64	64	82	SSOVR	6,24	-0,36	6,25	-3,32
64	64	69	SSOVR	6,23	-0,36	6,24	-3,325
64	64	68	SSOVR	6,23	1,59	6,43	14,347
64	64	81	INERZIA	3,89	0,99	4,01	14,327

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
64	64	82	INERZIA	3,89	-0,23	3,89	-3,32
64	64	69	INERZIA	3,88	-0,23	3,89	-3,325
64	64	68	INERZIA	3,88	0,99	4,01	14,347
64	64	81	INCRSIS	36,64	9,36	37,82	14,327
64	64	82	INCRSIS	36,64	-2,13	36,71	-3,32
64	64	69	INCRSIS	36,59	-2,13	36,65	-3,325
64	64	68	INCRSIS	36,59	9,36	37,77	14,347
65	65	82	PP	0	0	0	0
65	65	83	PP	0	0	0	0
65	65	70	PP	0	0	0	0
65	65	69	PP	0	0	0	0
65	65	82	STER	15,65	-12,05	19,75	-37,607
65	65	83	STER	15,65	-15,52	22,04	-44,755
65	65	70	STER	10,9	-15,52	18,96	-54,899
65	65	69	STER	10,9	-12,05	16,25	-47,866
65	65	82	SSOVR	3,94	-0,35	3,96	-5,131
65	65	83	SSOVR	3,94	-1,52	4,23	-21,029
65	65	70	SSOVR	3,32	-1,52	3,65	-24,568
65	65	69	SSOVR	3,32	-0,35	3,34	-6,095
65	65	82	INERZIA	2,46	-0,22	2,47	-5,131
65	65	83	INERZIA	2,46	-0,94	2,63	-21,029
65	65	70	INERZIA	2,07	-0,94	2,27	-24,568
65	65	69	INERZIA	2,07	-0,22	2,08	-6,095
65	65	82	INCRSIS	23,16	-2,08	23,25	-5,131
65	65	83	INCRSIS	23,16	-8,9	24,81	-21,029
65	65	70	INCRSIS	19,47	-8,9	21,41	-24,568
65	65	69	INCRSIS	19,47	-2,08	19,59	-6,095
66	66	83	PP	0	0	0	0
66	66	84	PP	0	0	0	0
66	66	71	PP	0	0	0	0
66	66	70	PP	0	0	0	0
66	66	83	STER	7,17	-17,7	19,1	-67,934
66	66	84	STER	7,17	-18,32	19,68	-68,617
66	66	71	STER	0,39	-18,32	18,33	-88,778
66	66	70	STER	0,39	-17,7	17,7	-88,735
66	66	83	SSOVR	1,08	-2,02	2,28	-61,917
66	66	84	SSOVR	1,08	-2,14	2,4	-63,341
66	66	71	SSOVR	-1,01	-2,14	2,37	-115,138
66	66	70	SSOVR	-1,01	-2,02	2,25	-116,506
66	66	83	INERZIA	0,67	-1,26	1,42	-61,917
66	66	84	INERZIA	0,67	-1,33	1,49	-63,341
66	66	71	INERZIA	-0,63	-1,33	1,47	-115,138
66	66	70	INERZIA	-0,63	-1,26	1,4	-116,506
66	66	83	INCRSIS	6,32	-11,84	13,42	-61,917
66	66	84	INCRSIS	6,32	-12,58	14,08	-63,341
66	66	71	INCRSIS	-5,9	-12,58	13,9	-115,138
66	66	70	INCRSIS	-5,9	-11,84	13,23	-116,506
67	67	84	PP	0	0	0	0
67	67	85	PP	0	0	0	0
67	67	72	PP	0	0	0	0
67	67	71	PP	0	0	0	0
67	67	84	STER	-2,95	-21,12	21,32	-97,959
67	67	85	STER	-2,95	-19,16	19,39	-98,76
67	67	72	STER	-9,38	-19,16	21,33	-116,083
67	67	71	STER	-9,38	-21,12	23,11	-113,948
67	67	84	SSOVR	-1,86	-3,11	3,63	-120,914
67	67	85	SSOVR	-1,86	-2,39	3,03	-127,946
67	67	72	SSOVR	-4,29	-2,39	4,91	-150,916
67	67	71	SSOVR	-4,29	-3,11	5,3	-144,084
67	67	84	INERZIA	-1,16	-1,94	2,26	-120,914
67	67	85	INERZIA	-1,16	-1,49	1,89	-127,946
67	67	72	INERZIA	-2,68	-1,49	3,06	-150,916
67	67	71	INERZIA	-2,68	-1,94	3,3	-144,084
67	67	84	INCRSIS	-10,94	-18,26	21,29	-120,914
67	67	85	INCRSIS	-10,94	-14,03	17,79	-127,946
67	67	72	INCRSIS	-25,22	-14,03	28,85	-150,916
67	67	71	INCRSIS	-25,22	-18,26	31,14	-144,084
68	68	85	PP	0	0	0	0



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
68	68	86	PP	0	0	0	0
68	68	73	PP	0	0	0	0
68	68	72	PP	0	0	0	0
68	68	85	STER	-13,62	-21,13	25,14	-122,81
68	68	86	STER	-13,62	-18,78	23,2	-125,962
68	68	73	STER	-16,17	-18,78	24,78	-130,723
68	68	72	STER	-16,17	-21,13	26,61	-127,413
68	68	85	SSOVR	-4,58	-3,14	5,55	-145,563
68	68	86	SSOVR	-4,58	-2,62	5,27	-150,245
68	68	73	SSOVR	-5,65	-2,62	6,23	-155,146
68	68	72	SSOVR	-5,65	-3,14	6,46	-150,944
68	68	85	INERZIA	-2,85	-1,96	3,46	-145,563
68	68	86	INERZIA	-2,85	-1,63	3,29	-150,245
68	68	73	INERZIA	-3,52	-1,63	3,88	-155,146
68	68	72	INERZIA	-3,52	-1,96	4,03	-150,944
68	68	85	INCRSIS	-26,89	-18,44	32,6	-145,563
68	68	86	INCRSIS	-26,89	-15,37	30,97	-150,245
68	68	73	INCRSIS	-33,18	-15,37	36,57	-155,146
68	68	72	INCRSIS	-33,18	-18,44	37,96	-150,944
69	69	86	PP	0	0	0	0
69	69	87	PP	0	0	0	0
69	69	74	PP	0	0	0	0
69	69	73	PP	0	0	0	0
69	69	86	STER	-24,99	-18,86	31,31	-142,954
69	69	87	STER	-24,99	-16,02	29,68	-147,333
69	69	74	STER	-21,64	-16,02	26,93	-143,484
69	69	73	STER	-21,64	-18,86	28,71	-138,925
69	69	86	SSOVR	-7,33	-2,65	7,79	-160,09
69	69	87	SSOVR	-7,33	-2,29	7,68	-162,669
69	69	74	SSOVR	-6,24	-2,29	6,65	-159,874
69	69	73	SSOVR	-6,24	-2,65	6,78	-156,959
69	69	86	INERZIA	-4,57	-1,65	4,86	-160,09
69	69	87	INERZIA	-4,57	-1,42	4,78	-162,669
69	69	74	INERZIA	-3,89	-1,42	4,14	-159,874
69	69	73	INERZIA	-3,89	-1,65	4,22	-156,959
69	69	86	INCRSIS	-43,03	-15,58	45,76	-160,09
69	69	87	INCRSIS	-43,03	-13,43	45,07	-162,669
69	69	74	INCRSIS	-36,64	-13,43	39,02	-159,874
69	69	73	INCRSIS	-36,64	-15,58	39,82	-156,959
70	70	87	PP	0	0	0	0
70	70	88	PP	0	0	0	0
70	70	75	PP	0	0	0	0
70	70	74	PP	0	0	0	0
70	70	87	STER	-41,28	-13,38	43,39	-162,048
70	70	88	STER	-41,28	-9,33	42,32	-167,264
70	70	75	STER	-30,89	-9,33	32,27	-163,191
70	70	74	STER	-30,89	-13,38	33,66	-156,585
70	70	87	SSOVR	-11,62	-1,41	11,7	-173,092
70	70	88	SSOVR	-11,62	-1,23	11,68	-173,969
70	70	75	SSOVR	-8,49	-1,23	8,58	-171,772
70	70	74	SSOVR	-8,49	-1,41	8,6	-170,584
70	70	87	INERZIA	-7,24	-0,88	7,29	-173,092
70	70	88	INERZIA	-7,24	-0,76	7,28	-173,969
70	70	75	INERZIA	-5,29	-0,76	5,34	-171,772
70	70	74	INERZIA	-5,29	-0,88	5,36	-170,584
70	70	87	INCRSIS	-68,21	-8,26	68,71	-173,092
70	70	88	INCRSIS	-68,21	-7,21	68,59	-173,969
70	70	75	INCRSIS	-49,84	-7,21	50,36	-171,772
70	70	74	INCRSIS	-49,84	-8,26	50,52	-170,584
71	71	88	PP	0	0	0	0
71	71	89	PP	0	0	0	0
71	71	76	PP	0	0	0	0
71	71	75	PP	0	0	0	0
71	71	88	STER	-65,26	-3,51	65,36	-176,923
71	71	89	STER	-65,26	2,17	65,3	178,096
71	71	76	STER	-48,06	2,17	48,1	177,415
71	71	75	STER	-48,06	-3,51	48,18	-175,825
71	71	88	SSOVR	-18,72	0,35	18,72	178,925

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
71	71	89	SSOVR	-18,72	1,03	18,75	176,859
71	71	76	SSOVR	-14,74	1,03	14,78	176,014
71	71	75	SSOVR	-14,74	0,35	14,75	178,635
71	71	88	INERZIA	-11,66	0,22	11,66	178,925
71	71	89	INERZIA	-11,66	0,64	11,68	176,859
71	71	76	INERZIA	-9,18	0,64	9,21	176,014
71	71	75	INERZIA	-9,18	0,22	9,19	178,635
71	71	88	INCRSIS	-109,91	2,06	109,93	178,925
71	71	89	INCRSIS	-109,91	6,03	110,08	176,859
71	71	76	INCRSIS	-86,57	6,03	86,78	176,014
71	71	75	INCRSIS	-86,57	2,06	86,59	178,635
72	72	89	PP	0	0	0	0
72	72	90	PP	0	0	0	0
72	72	77	PP	0	0	0	0
72	72	76	PP	0	0	0	0
72	72	89	STER	-99,18	11,65	99,87	173,299
72	72	90	STER	-99,18	18,76	100,94	169,288
72	72	77	STER	-74,46	18,76	76,79	165,857
72	72	76	STER	-74,46	11,65	75,37	171,106
72	72	89	SSOVR	-29,97	2,85	30,11	174,563
72	72	90	SSOVR	-29,97	3,86	30,22	172,654
72	72	77	SSOVR	-25,93	3,86	26,22	171,524
72	72	76	SSOVR	-25,93	2,85	26,09	173,721
72	72	89	INERZIA	-18,67	1,78	18,76	174,563
72	72	90	INERZIA	-18,67	2,41	18,83	172,654
72	72	77	INERZIA	-16,15	2,41	16,33	171,524
72	72	76	INERZIA	-16,15	1,78	16,25	173,721
72	72	89	INCRSIS	-176,01	16,75	176,81	174,563
72	72	90	INCRSIS	-176,01	22,69	177,47	172,654
72	72	77	INCRSIS	-152,25	22,69	153,93	171,524
72	72	76	INCRSIS	-152,25	16,75	153,17	173,721
73	73	91	PP	0	0	0	0
73	73	79	PP	0	0	0	0
73	73	78	PP	0	0	0	0
73	73	91	STER	4,87	56,09	56,3	85,042
73	73	79	STER	4,87	56,09	56,3	85,042
73	73	78	STER	4,87	56,09	56,3	85,042
73	73	91	SSOVR	3,37	19,35	19,64	80,109
73	73	79	SSOVR	3,37	19,35	19,64	80,109
73	73	78	SSOVR	3,37	19,35	19,64	80,109
73	73	91	INERZIA	2,1	12,05	12,23	80,109
73	73	79	INERZIA	2,1	12,05	12,23	80,109
73	73	78	INERZIA	2,1	12,05	12,23	80,109
73	73	91	INCRSIS	19,81	113,6	115,31	80,109
73	73	79	INCRSIS	19,81	113,6	115,31	80,109
73	73	78	INCRSIS	19,81	113,6	115,31	80,109
74	74	91	PP	0	0	0	0
74	74	92	PP	0	0	0	0
74	74	80	PP	0	0	0	0
74	74	79	PP	0	0	0	0
74	74	91	STER	59,1	53,12	79,46	41,948
74	74	92	STER	59,1	25,58	64,39	23,402
74	74	80	STER	21,64	25,58	33,5	49,767
74	74	79	STER	21,64	53,12	57,35	67,835
74	74	91	SSOVR	18,69	17,7	25,74	43,439
74	74	92	SSOVR	18,69	10,61	21,5	29,584
74	74	80	SSOVR	6,85	10,61	12,63	57,151
74	74	79	SSOVR	6,85	17,7	18,98	68,839
74	74	91	INERZIA	11,65	11,03	16,04	43,439
74	74	92	INERZIA	11,65	6,61	13,39	29,584
74	74	80	INERZIA	4,27	6,61	7,87	57,151
74	74	79	INERZIA	4,27	11,03	11,83	68,839
74	74	91	INCRSIS	109,77	103,94	151,17	43,439
74	74	92	INCRSIS	109,77	62,32	126,22	29,584
74	74	80	INCRSIS	40,24	62,32	74,18	57,151
74	74	79	INCRSIS	40,24	103,94	111,46	68,839
75	75	92	PP	0	0	0	0
75	75	93	PP	0	0	0	0

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
75	75	81	PP	0	0	0	0
75	75	80	PP	0	0	0	0
75	75	92	STER	30,04	21,74	37,08	35,891
75	75	93	STER	30,04	11,94	32,32	21,678
75	75	81	STER	29,01	11,94	31,37	22,37
75	75	80	STER	29,01	21,74	36,25	36,842
75	75	92	SSOVR	9,08	9,6	13,21	46,619
75	75	93	SSOVR	9,08	6,44	11,13	35,347
75	75	81	SSOVR	9	6,44	11,07	35,558
75	75	80	SSOVR	9	9,6	13,16	46,842
75	75	92	INERZIA	5,65	5,98	8,23	46,619
75	75	93	INERZIA	5,65	4,01	6,93	35,347
75	75	81	INERZIA	5,61	4,01	6,9	35,558
75	75	80	INERZIA	5,61	5,98	8,2	46,842
75	75	92	INCRSIS	53,29	56,39	77,59	46,619
75	75	93	INCRSIS	53,29	37,8	65,33	35,347
75	75	81	INCRSIS	52,87	37,8	64,99	35,558
75	75	80	INCRSIS	52,87	56,39	77,3	46,842
76	76	93	PP	0	0	0	0
76	76	94	PP	0	0	0	0
76	76	82	PP	0	0	0	0
76	76	81	PP	0	0	0	0
76	76	93	STER	29,79	10,72	31,66	19,801
76	76	94	STER	29,79	2,64	29,9	5,057
76	76	82	STER	24,15	2,64	24,29	6,228
76	76	81	STER	24,15	10,72	26,42	23,944
76	76	93	SSOVR	7,98	6,26	10,14	38,11
76	76	94	SSOVR	7,98	4,15	8,99	27,484
76	76	82	SSOVR	7,11	4,15	8,23	30,284
76	76	81	SSOVR	7,11	6,26	9,47	41,365
76	76	93	INERZIA	4,97	3,9	6,32	38,11
76	76	94	INERZIA	4,97	2,59	5,6	27,484
76	76	82	INERZIA	4,43	2,59	5,13	30,284
76	76	81	INERZIA	4,43	3,9	5,9	41,365
76	76	93	INCRSIS	46,85	36,75	59,54	38,11
76	76	94	INCRSIS	46,85	24,37	52,81	27,484
76	76	82	INCRSIS	41,73	24,37	48,33	30,284
76	76	81	INCRSIS	41,73	36,75	55,61	41,365
77	77	94	PP	0	0	0	0
77	77	95	PP	0	0	0	0
77	77	83	PP	0	0	0	0
77	77	82	PP	0	0	0	0
77	77	94	STER	23,32	0,82	23,34	2,021
77	77	95	STER	23,32	-4,27	23,71	-10,37
77	77	83	STER	16,98	-4,27	17,51	-14,113
77	77	82	STER	16,98	0,82	17	2,776
77	77	94	SSOVR	5,61	3,9	6,83	34,798
77	77	95	SSOVR	5,61	2,45	6,12	23,622
77	77	83	SSOVR	4,4	2,45	5,04	29,131
77	77	82	SSOVR	4,4	3,9	5,88	41,527
77	77	94	INERZIA	3,5	2,43	4,26	34,798
77	77	95	INERZIA	3,5	1,53	3,81	23,622
77	77	83	INERZIA	2,74	1,53	3,14	29,131
77	77	82	INERZIA	2,74	2,43	3,66	41,527
77	77	94	INCRSIS	32,94	22,89	40,12	34,798
77	77	95	INCRSIS	32,94	14,41	35,96	23,622
77	77	83	INCRSIS	25,85	14,41	29,6	29,131
77	77	82	INCRSIS	25,85	22,89	34,53	41,527
78	78	95	PP	0	0	0	0
78	78	96	PP	0	0	0	0
78	78	84	PP	0	0	0	0
78	78	83	PP	0	0	0	0
78	78	95	STER	13,73	-6,58	15,23	-25,612
78	78	96	STER	13,73	-9,17	16,51	-33,732
78	78	84	STER	7,32	-9,17	11,73	-51,394
78	78	83	STER	7,32	-6,58	9,85	-41,959
78	78	95	SSOVR	2,63	1,98	3,29	36,94
78	78	96	SSOVR	2,63	1,33	2,95	26,912



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
78	78	84	SSOVR	1,1	1,33	1,73	50,517
78	78	83	SSOVR	1,1	1,98	2,26	60,919
78	78	95	INERZIA	1,64	1,23	2,05	36,94
78	78	96	INERZIA	1,64	0,83	1,84	26,912
78	78	84	INERZIA	0,68	0,83	1,08	50,517
78	78	83	INERZIA	0,68	1,23	1,41	60,919
78	78	95	INCRSIS	15,43	11,6	19,3	36,94
78	78	96	INCRSIS	15,43	7,83	17,3	26,912
78	78	84	INCRSIS	6,45	7,83	10,15	50,517
78	78	83	INCRSIS	6,45	11,6	13,27	60,919
79	79	96	PP	0	0	0	0
79	79	97	PP	0	0	0	0
79	79	85	PP	0	0	0	0
79	79	84	PP	0	0	0	0
79	79	96	STER	1,68	-11,48	11,6	-81,681
79	79	97	STER	1,68	-11,95	12,07	-82,004
79	79	85	STER	-3,71	-11,95	12,51	-107,251
79	79	84	STER	-3,71	-11,48	12,06	-107,913
79	79	96	SSOVR	-0,65	0,74	0,99	131,28
79	79	97	SSOVR	-0,65	0,59	0,88	138,042
79	79	85	SSOVR	-2,12	0,59	2,2	164,543
79	79	84	SSOVR	-2,12	0,74	2,25	160,693
79	79	96	INERZIA	-0,41	0,46	0,62	131,28
79	79	97	INERZIA	-0,41	0,37	0,55	138,042
79	79	85	INERZIA	-1,32	0,37	1,37	164,543
79	79	84	INERZIA	-1,32	0,46	1,4	160,693
79	79	96	INCRSIS	-3,83	4,36	5,8	131,28
79	79	97	INCRSIS	-3,83	3,44	5,15	138,042
79	79	85	INCRSIS	-12,45	3,44	12,91	164,543
79	79	84	INCRSIS	-12,45	4,36	13,19	160,693
80	80	97	PP	0	0	0	0
80	80	98	PP	0	0	0	0
80	80	86	PP	0	0	0	0
80	80	85	PP	0	0	0	0
80	80	97	STER	-12,06	-13,53	18,12	-131,715
80	80	98	STER	-12,06	-12,82	17,6	-133,245
80	80	86	STER	-14,58	-12,82	19,41	-138,668
80	80	85	STER	-14,58	-13,53	19,89	-137,14
80	80	97	SSOVR	-4,07	0,16	4,07	177,711
80	80	98	SSOVR	-4,07	0,11	4,07	178,399
80	80	86	SSOVR	-4,76	0,11	4,77	178,633
80	80	85	SSOVR	-4,76	0,16	4,77	178,045
80	80	97	INERZIA	-2,53	0,1	2,54	177,711
80	80	98	INERZIA	-2,53	0,07081	2,53	178,399
80	80	86	INERZIA	-2,97	0,07081	2,97	178,633
80	80	85	INERZIA	-2,97	0,1	2,97	178,045
80	80	97	INCRSIS	-23,88	0,95	23,9	177,711
80	80	98	INCRSIS	-23,88	0,67	23,89	178,399
80	80	86	INCRSIS	-27,97	0,67	27,98	178,633
80	80	85	INCRSIS	-27,97	0,95	27,99	178,045
81	81	98	PP	0	0	0	0
81	81	99	PP	0	0	0	0
81	81	87	PP	0	0	0	0
81	81	86	PP	0	0	0	0
81	81	98	STER	-27,31	-13,09	30,28	-154,394
81	81	99	STER	-27,31	-11,79	29,75	-156,648
81	81	87	STER	-25,8	-11,79	28,36	-155,436
81	81	86	STER	-25,8	-13,09	28,93	-153,098
81	81	98	SSOVR	-7,73	0,07337	7,73	179,456
81	81	99	SSOVR	-7,73	-0,11	7,73	-179,154
81	81	87	SSOVR	-7,31	-0,11	7,31	-179,105
81	81	86	SSOVR	-7,31	0,07337	7,31	179,425
81	81	98	INERZIA	-4,82	0,04571	4,82	179,456
81	81	99	INERZIA	-4,82	-0,07115	4,82	-179,154
81	81	87	INERZIA	-4,55	-0,07115	4,55	-179,105
81	81	86	INERZIA	-4,55	0,04571	4,55	179,425
81	81	98	INCRSIS	-45,39	0,43	45,4	179,456
81	81	99	INCRSIS	-45,39	-0,67	45,4	-179,154



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
81	81	87	INCRSIS	-42,91	-0,67	42,92	-179,105
81	81	86	INCRSIS	-42,91	0,43	42,91	179,425
82	82	99	PP	0	0	0	0
82	82	100	PP	0	0	0	0
82	82	88	PP	0	0	0	0
82	82	87	PP	0	0	0	0
82	82	99	STER	-48,65	-10,15	49,7	-168,209
82	82	100	STER	-48,65	-7,62	49,24	-171,103
82	82	88	STER	-41,85	-7,62	42,54	-169,688
82	82	87	STER	-41,85	-10,15	43,07	-166,363
82	82	99	SSOVR	-12,94	0,33	12,95	178,531
82	82	100	SSOVR	-12,94	-0,02806	12,94	-179,876
82	82	88	SSOVR	-11,4	-0,02806	11,4	-179,859
82	82	87	SSOVR	-11,4	0,33	11,41	178,333
82	82	99	INERZIA	-8,06	0,21	8,07	178,531
82	82	100	INERZIA	-8,06	-0,01748	8,06	-179,876
82	82	88	INERZIA	-7,11	-0,01748	7,11	-179,859
82	82	87	INERZIA	-7,11	0,21	7,11	178,333
82	82	99	INCRSIS	-76	1,95	76,03	178,531
82	82	100	INCRSIS	-76	-0,16	76	-179,876
82	82	88	INCRSIS	-66,97	-0,16	66,97	-179,859
82	82	87	INCRSIS	-66,97	1,95	67	178,333
83	83	100	PP	0	0	0	0
83	83	101	PP	0	0	0	0
83	83	89	PP	0	0	0	0
83	83	88	PP	0	0	0	0
83	83	100	STER	-78,69	-3,43	78,76	-177,507
83	83	101	STER	-78,69	0,21	78,69	179,847
83	83	89	STER	-65,78	0,21	65,78	179,816
83	83	88	STER	-65,78	-3,43	65,87	-177,019
83	83	100	SSOVR	-20,66	0,83	20,68	177,691
83	83	101	SSOVR	-20,66	0,55	20,67	178,486
83	83	89	SSOVR	-18,54	0,55	18,55	178,313
83	83	88	SSOVR	-18,54	0,83	18,56	177,428
83	83	100	INERZIA	-12,87	0,52	12,88	177,691
83	83	101	INERZIA	-12,87	0,34	12,88	178,486
83	83	89	INERZIA	-11,55	0,34	11,56	178,313
83	83	88	INERZIA	-11,55	0,52	11,56	177,428
83	83	100	INCRSIS	-121,31	4,89	121,41	177,691
83	83	101	INCRSIS	-121,31	3,21	121,35	178,486
83	83	89	INCRSIS	-108,87	3,21	108,92	178,313
83	83	88	INCRSIS	-108,87	4,89	108,98	177,428
84	84	101	PP	0	0	0	0
84	84	102	PP	0	0	0	0
84	84	90	PP	0	0	0	0
84	84	89	PP	0	0	0	0
84	84	101	STER	-119,24	7,69	119,49	176,309
84	84	102	STER	-119,24	12,98	119,94	173,788
84	84	90	STER	-99,49	12,98	100,33	172,568
84	84	89	STER	-99,49	7,69	99,79	175,579
84	84	101	SSOVR	-31,72	1,5	31,75	177,299
84	84	102	SSOVR	-31,72	1,58	31,76	177,146
84	84	90	SSOVR	-29,91	1,58	29,96	176,974
84	84	89	SSOVR	-29,91	1,5	29,95	177,136
84	84	101	INERZIA	-19,76	0,93	19,78	177,299
84	84	102	INERZIA	-19,76	0,99	19,79	177,146
84	84	90	INERZIA	-18,64	0,99	18,66	176,974
84	84	89	INERZIA	-18,64	0,93	18,66	177,136
84	84	101	INCRSIS	-186,26	8,79	186,46	177,299
84	84	102	INCRSIS	-186,26	9,29	186,49	177,146
84	84	90	INCRSIS	-175,66	9,29	175,91	176,974
84	84	89	INCRSIS	-175,66	8,79	175,88	177,136
85	85	103	PP	0	0	0	0
85	85	92	PP	0	0	0	0
85	85	91	PP	0	0	0	0
85	85	103	STER	63,41	49,46	80,41	37,954
85	85	92	STER	63,41	49,46	80,41	37,954
85	85	91	STER	63,41	49,46	80,41	37,954



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
85	85	103	SSOVR	21	15,86	26,32	37,063
85	85	92	SSOVR	21	15,86	26,32	37,063
85	85	91	SSOVR	21	15,86	26,32	37,063
85	85	103	INERZIA	13,08	9,88	16,4	37,063
85	85	92	INERZIA	13,08	9,88	16,4	37,063
85	85	91	INERZIA	13,08	9,88	16,4	37,063
85	85	103	INCRSIS	123,32	93,14	154,54	37,063
85	85	92	INCRSIS	123,32	93,14	154,54	37,063
85	85	91	INCRSIS	123,32	93,14	154,54	37,063
86	86	103	PP	0	0	0	0
86	86	104	PP	0	0	0	0
86	86	93	PP	0	0	0	0
86	86	92	PP	0	0	0	0
86	86	103	STER	57,38	51,13	76,86	41,699
86	86	104	STER	57,38	24,1	62,24	22,782
86	86	93	STER	34,96	24,1	42,46	34,581
86	86	92	STER	34,96	51,13	61,94	55,634
86	86	103	SSOVR	16,01	15,36	22,19	43,812
86	86	104	SSOVR	16,01	9,24	18,49	29,996
86	86	93	SSOVR	9,98	9,24	13,6	42,812
86	86	92	SSOVR	9,98	15,36	18,32	56,996
86	86	103	INERZIA	9,98	9,57	13,83	43,812
86	86	104	INERZIA	9,98	5,76	11,52	29,996
86	86	93	INERZIA	6,22	5,76	8,47	42,812
86	86	92	INERZIA	6,22	9,57	11,41	56,996
86	86	103	INCRSIS	94,04	90,22	130,32	43,812
86	86	104	INCRSIS	94,04	54,28	108,58	29,996
86	86	93	INCRSIS	58,6	54,28	79,88	42,812
86	86	92	INCRSIS	58,6	90,22	107,58	56,996
87	87	104	PP	0	0	0	0
87	87	105	PP	0	0	0	0
87	87	94	PP	0	0	0	0
87	87	93	PP	0	0	0	0
87	87	104	STER	37,22	21,7	43,09	30,238
87	87	105	STER	37,22	18,93	41,76	26,959
87	87	94	STER	32,24	18,93	37,39	30,427
87	87	93	STER	32,24	21,7	38,86	33,944
87	87	104	SSOVR	9,81	8,83	13,2	41,996
87	87	105	SSOVR	9,81	8,04	12,68	39,329
87	87	94	SSOVR	8,7	8,04	11,85	42,715
87	87	93	SSOVR	8,7	8,83	12,4	45,411
87	87	104	INERZIA	6,11	5,5	8,22	41,996
87	87	105	INERZIA	6,11	5,01	7,9	39,329
87	87	94	INERZIA	5,42	5,01	7,38	42,715
87	87	93	INERZIA	5,42	5,5	7,72	45,411
87	87	104	INCRSIS	57,59	51,85	77,5	41,996
87	87	105	INCRSIS	57,59	47,19	74,46	39,329
87	87	94	INCRSIS	51,11	47,19	69,57	42,715
87	87	93	INCRSIS	51,11	51,85	72,81	45,411
88	88	105	PP	0	0	0	0
88	88	106	PP	0	0	0	0
88	88	95	PP	0	0	0	0
88	88	94	PP	0	0	0	0
88	88	105	STER	31,35	16,11	35,25	27,196
88	88	106	STER	31,35	7,4	32,21	13,289
88	88	95	STER	25,19	7,4	26,25	16,381
88	88	94	STER	25,19	16,11	29,9	32,599
88	88	105	SSOVR	7,27	7,44	10,4	45,636
88	88	106	SSOVR	7,27	5,49	9,11	37,063
88	88	95	SSOVR	6,09	5,49	8,2	42,036
88	88	94	SSOVR	6,09	7,44	9,61	50,671
88	88	105	INERZIA	4,53	4,63	6,48	45,636
88	88	106	INERZIA	4,53	3,42	5,68	37,063
88	88	95	INERZIA	3,8	3,42	5,11	42,036
88	88	94	INERZIA	3,8	4,63	5,99	50,671
88	88	105	INCRSIS	42,7	43,66	61,07	45,636
88	88	106	INCRSIS	42,7	32,25	53,52	37,063
88	88	95	INCRSIS	35,77	32,25	48,17	42,036

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
88	88	94	INCRSIS	35,77	43,66	56,45	50,671
89	89	106	PP	0	0	0	0
89	89	107	PP	0	0	0	0
89	89	96	PP	0	0	0	0
89	89	95	PP	0	0	0	0
89	89	106	STER	20,55	5,16	21,19	14,094
89	89	107	STER	20,55	0,93	20,57	2,593
89	89	96	STER	14,61	0,93	14,64	3,645
89	89	95	STER	14,61	5,16	15,49	19,453
89	89	106	SSOVR	4,07	5,07	6,5	51,238
89	89	107	SSOVR	4,07	4,03	5,73	44,711
89	89	96	SSOVR	2,86	4,03	4,94	54,621
89	89	95	SSOVR	2,86	5,07	5,82	60,558
89	89	106	INERZIA	2,54	3,16	4,05	51,238
89	89	107	INERZIA	2,54	2,51	3,57	44,711
89	89	96	INERZIA	1,78	2,51	3,08	54,621
89	89	95	INERZIA	1,78	3,16	3,63	60,558
89	89	106	INCRSIS	23,9	29,77	38,18	51,238
89	89	107	INCRSIS	23,9	23,66	33,64	44,711
89	89	96	INCRSIS	16,8	23,66	29,02	54,621
89	89	95	INCRSIS	16,8	29,77	34,19	60,558
90	90	107	PP	0	0	0	0
90	90	108	PP	0	0	0	0
90	90	97	PP	0	0	0	0
90	90	96	PP	0	0	0	0
90	90	107	STER	6,69	-1,45	6,85	-12,189
90	90	108	STER	6,69	-4,27	7,94	-32,541
90	90	97	STER	1,85	-4,27	4,65	-66,544
90	90	96	STER	1,85	-1,45	2,35	-37,962
90	90	107	SSOVR	0,45	3,55	3,58	82,827
90	90	108	SSOVR	0,45	2,77	2,81	80,838
90	90	97	SSOVR	-0,58	2,77	2,83	101,776
90	90	96	SSOVR	-0,58	3,55	3,6	99,24
90	90	107	INERZIA	0,28	2,21	2,23	82,827
90	90	108	INERZIA	0,28	1,73	1,75	80,838
90	90	97	INERZIA	-0,36	1,73	1,76	101,776
90	90	96	INERZIA	-0,36	2,21	2,24	99,24
90	90	107	INCRSIS	2,62	20,84	21,01	82,827
90	90	108	INCRSIS	2,62	16,26	16,47	80,838
90	90	97	INCRSIS	-3,39	16,26	16,61	101,776
90	90	96	INCRSIS	-3,39	20,84	21,12	99,24
91	91	108	PP	0	0	0	0
91	91	109	PP	0	0	0	0
91	91	98	PP	0	0	0	0
91	91	97	PP	0	0	0	0
91	91	108	STER	-9,3	-5,89	11,01	-147,633
91	91	109	STER	-9,3	-7,08	11,68	-142,713
91	91	98	STER	-12,19	-7,08	14,1	-149,867
91	91	97	STER	-12,19	-5,89	13,54	-154,213
91	91	108	SSOVR	-3,38	2,45	4,17	144,053
91	91	109	SSOVR	-3,38	1,87	3,86	151,075
91	91	98	SSOVR	-3,98	1,87	4,4	154,862
91	91	97	SSOVR	-3,98	2,45	4,67	148,378
91	91	108	INERZIA	-2,11	1,53	2,6	144,053
91	91	109	INERZIA	-2,11	1,16	2,41	151,075
91	91	98	INERZIA	-2,48	1,16	2,74	154,862
91	91	97	INERZIA	-2,48	1,53	2,91	148,378
91	91	108	INCRSIS	-19,84	14,39	24,51	144,053
91	91	109	INCRSIS	-19,84	10,96	22,67	151,075
91	91	98	INCRSIS	-23,37	10,96	25,81	154,862
91	91	97	INCRSIS	-23,37	14,39	27,44	148,378
92	92	109	PP	0	0	0	0
92	92	110	PP	0	0	0	0
92	92	99	PP	0	0	0	0
92	92	98	PP	0	0	0	0
92	92	109	STER	-27,18	-7,7	28,25	-164,179
92	92	110	STER	-27,18	-8,02	28,34	-163,554
92	92	99	STER	-27,53	-8,02	28,67	-163,752

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
92	92	98	STER	-27,53	-7,7	28,58	-164,37
92	92	109	SSOVR	-7,46	1,77	7,67	166,639
92	92	110	SSOVR	-7,46	1,16	7,55	171,202
92	92	99	SSOVR	-7,55	1,16	7,63	171,297
92	92	98	SSOVR	-7,55	1,77	7,75	166,781
92	92	109	INERZIA	-4,65	1,1	4,78	166,639
92	92	110	INERZIA	-4,65	0,72	4,71	171,202
92	92	99	INERZIA	-4,7	0,72	4,76	171,297
92	92	98	INERZIA	-4,7	1,1	4,83	166,781
92	92	109	INCRSIS	-43,83	10,41	45,05	166,639
92	92	110	INCRSIS	-43,83	6,78	44,35	171,202
92	92	99	INCRSIS	-44,32	6,78	44,83	171,297
92	92	98	INCRSIS	-44,32	10,41	45,52	166,781
93	93	110	PP	0	0	0	0
93	93	111	PP	0	0	0	0
93	93	100	PP	0	0	0	0
93	93	99	PP	0	0	0	0
93	93	110	STER	-51,99	-7,27	52,49	-172,035
93	93	111	STER	-51,99	-6,54	52,4	-172,832
93	93	100	STER	-48,85	-6,54	49,29	-172,378
93	93	99	STER	-48,85	-7,27	49,39	-171,532
93	93	110	SSOVR	-13,08	1,31	13,14	174,278
93	93	111	SSOVR	-13,08	0,46	13,08	177,977
93	93	100	SSOVR	-12,66	0,46	12,67	177,911
93	93	99	SSOVR	-12,66	1,31	12,73	174,094
93	93	110	INERZIA	-8,15	0,82	8,19	174,278
93	93	111	INERZIA	-8,15	0,29	8,15	177,977
93	93	100	INERZIA	-7,89	0,29	7,89	177,911
93	93	99	INERZIA	-7,89	0,82	7,93	174,094
93	93	110	INCRSIS	-76,78	7,69	77,16	174,278
93	93	111	INCRSIS	-76,78	2,71	76,83	177,977
93	93	100	INCRSIS	-74,36	2,71	74,41	177,911
93	93	99	INCRSIS	-74,36	7,69	74,76	174,094
94	94	111	PP	0	0	0	0
94	94	112	PP	0	0	0	0
94	94	101	PP	0	0	0	0
94	94	100	PP	0	0	0	0
94	94	111	STER	-86,34	-3,82	86,43	-177,465
94	94	112	STER	-86,34	-1,87	86,36	-178,762
94	94	101	STER	-78,9	-1,87	78,92	-178,645
94	94	100	STER	-78,9	-3,82	78,99	-177,227
94	94	111	SSOVR	-20,95	0,8	20,97	177,817
94	94	112	SSOVR	-20,95	-0,01251	20,95	-179,966
94	94	101	SSOVR	-20,39	-0,01251	20,39	-179,965
94	94	100	SSOVR	-20,39	0,8	20,4	177,756
94	94	111	INERZIA	-13,05	0,5	13,06	177,817
94	94	112	INERZIA	-13,05	-0,007794	13,05	-179,966
94	94	101	INERZIA	-12,7	-0,007794	12,7	-179,965
94	94	100	INERZIA	-12,7	0,5	12,71	177,756
94	94	111	INCRSIS	-123,03	4,69	123,11	177,817
94	94	112	INCRSIS	-123,03	-0,07346	123,03	-179,966
94	94	101	INCRSIS	-119,7	-0,07346	119,7	-179,965
94	94	100	INCRSIS	-119,7	4,69	119,8	177,756
95	95	112	PP	0	0	0	0
95	95	113	PP	0	0	0	0
95	95	102	PP	0	0	0	0
95	95	101	PP	0	0	0	0
95	95	112	STER	-131,64	3,56	131,69	178,452
95	95	113	STER	-131,64	7,22	131,84	176,86
95	95	102	STER	-119,31	7,22	119,53	176,536
95	95	101	STER	-119,31	3,56	119,36	178,292
95	95	112	SSOVR	-31,56	0,2	31,56	179,629
95	95	113	SSOVR	-31,56	-0,28	31,56	-179,497
95	95	102	SSOVR	-31,57	-0,28	31,57	-179,497
95	95	101	SSOVR	-31,57	0,2	31,57	179,629
95	95	112	INERZIA	-19,66	0,13	19,66	179,629
95	95	113	INERZIA	-19,66	-0,17	19,66	-179,497
95	95	102	INERZIA	-19,67	-0,17	19,67	-179,497



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Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
95	95	101	INERZIA	-19,67	0,13	19,67	179,629
95	95	112	INCRSIS	-185,32	1,2	185,33	179,629
95	95	113	INCRSIS	-185,32	-1,63	185,33	-179,497
95	95	102	INCRSIS	-185,37	-1,63	185,38	-179,497
95	95	101	INCRSIS	-185,37	1,2	185,37	179,629
96	96	114	PP	0	0	0	0
96	96	104	PP	0	0	0	0
96	96	103	PP	0	0	0	0
96	96	114	STER	55,27	67,75	87,44	50,796
96	96	104	STER	55,27	67,75	87,44	50,796
96	96	103	STER	55,27	67,75	87,44	50,796
96	96	114	SSOVR	16,5	19,02	25,18	49,055
96	96	104	SSOVR	16,5	19,02	25,18	49,055
96	96	103	SSOVR	16,5	19,02	25,18	49,055
96	96	114	INERZIA	10,28	11,85	15,68	49,055
96	96	104	INERZIA	10,28	11,85	15,68	49,055
96	96	103	INERZIA	10,28	11,85	15,68	49,055
96	96	114	INCRSIS	96,88	111,66	147,83	49,055
96	96	104	INCRSIS	96,88	111,66	147,83	49,055
96	96	103	INCRSIS	96,88	111,66	147,83	49,055
97	97	114	PP	0	0	0	0
97	97	115	PP	0	0	0	0
97	97	105	PP	0	0	0	0
97	97	104	PP	0	0	0	0
97	97	114	STER	65,27	64,21	91,56	44,532
97	97	115	STER	65,27	25,5	70,07	21,336
97	97	105	STER	42,11	25,5	49,23	31,19
97	97	104	STER	42,11	64,21	76,79	56,741
97	97	114	SSOVR	16,1	17,36	23,68	47,149
97	97	115	SSOVR	16,1	8,91	18,4	28,947
97	97	105	SSOVR	10,62	8,91	13,86	39,986
97	97	104	SSOVR	10,62	17,36	20,35	58,543
97	97	114	INERZIA	10,03	10,82	14,75	47,149
97	97	115	INERZIA	10,03	5,55	11,47	28,947
97	97	105	INERZIA	6,62	5,55	8,64	39,986
97	97	104	INERZIA	6,62	10,82	12,68	58,543
97	97	114	INCRSIS	94,56	101,94	139,05	47,149
97	97	115	INCRSIS	94,56	52,3	108,06	28,947
97	97	105	INCRSIS	62,36	52,3	81,39	39,986
97	97	104	INCRSIS	62,36	101,94	119,5	58,543
98	98	115	PP	0	0	0	0
98	98	116	PP	0	0	0	0
98	98	106	PP	0	0	0	0
98	98	105	PP	0	0	0	0
98	98	115	STER	36,57	23,03	43,22	32,197
98	98	116	STER	36,57	22,44	42,91	31,535
98	98	106	STER	33,19	22,44	40,07	34,064
98	98	105	STER	33,19	23,03	40,4	34,752
98	98	115	SSOVR	8,3	8,49	11,87	45,664
98	98	116	SSOVR	8,3	8,29	11,73	44,995
98	98	106	SSOVR	7,76	8,29	11,36	46,897
98	98	105	SSOVR	7,76	8,49	11,5	47,565
98	98	115	INERZIA	5,17	5,29	7,4	45,664
98	98	116	INERZIA	5,17	5,17	7,31	44,995
98	98	106	INERZIA	4,84	5,17	7,08	46,897
98	98	105	INERZIA	4,84	5,29	7,17	47,565
98	98	115	INCRSIS	48,72	49,86	69,71	45,664
98	98	116	INCRSIS	48,72	48,71	68,89	44,995
98	98	106	INCRSIS	45,58	48,71	66,71	46,897
98	98	105	INCRSIS	45,58	49,86	67,55	47,565
99	99	116	PP	0	0	0	0
99	99	117	PP	0	0	0	0
99	99	107	PP	0	0	0	0
99	99	106	PP	0	0	0	0
99	99	116	STER	29,47	19,36	35,26	33,299
99	99	117	STER	29,47	11,01	31,46	20,489
99	99	107	STER	22,05	11,01	24,65	26,538
99	99	106	STER	22,05	19,36	29,34	41,281

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
99	99	116	SSOVR	5,84	7,71	9,67	52,833
99	99	117	SSOVR	5,84	6,03	8,4	45,905
99	99	107	SSOVR	4,4	6,03	7,46	53,9
99	99	106	SSOVR	4,4	7,71	8,87	60,292
99	99	116	INERZIA	3,64	4,8	6,03	52,833
99	99	117	INERZIA	3,64	3,76	5,23	45,905
99	99	107	INERZIA	2,74	3,76	4,65	53,9
99	99	106	INERZIA	2,74	4,8	5,53	60,292
99	99	116	INCRSIS	34,31	45,26	56,8	52,833
99	99	117	INCRSIS	34,31	35,42	49,31	45,905
99	99	107	INCRSIS	25,83	35,42	43,83	53,9
99	99	106	INCRSIS	25,83	45,26	52,11	60,292
100	100	117	PP	0	0	0	0
100	100	118	PP	0	0	0	0
100	100	108	PP	0	0	0	0
100	100	107	PP	0	0	0	0
100	100	117	STER	13,23	8,61	15,79	33,067
100	100	118	STER	13,23	3,82	13,77	16,101
100	100	108	STER	7,68	3,82	8,58	26,442
100	100	107	STER	7,68	8,61	11,54	48,283
100	100	117	SSOVR	1,74	5,6	5,86	72,75
100	100	118	SSOVR	1,74	4,38	4,72	68,384
100	100	108	SSOVR	0,73	4,38	4,45	80,519
100	100	107	SSOVR	0,73	5,6	5,64	82,544
100	100	117	INERZIA	1,08	3,49	3,65	72,75
100	100	118	INERZIA	1,08	2,73	2,94	68,384
100	100	108	INERZIA	0,46	2,73	2,77	80,519
100	100	107	INERZIA	0,46	3,49	3,52	82,544
100	100	117	INCRSIS	10,2	32,86	34,4	72,75
100	100	118	INCRSIS	10,2	25,75	27,7	68,384
100	100	108	INCRSIS	4,3	25,75	26,1	80,519
100	100	107	INCRSIS	4,3	32,86	33,14	82,544
101	101	118	PP	0	0	0	0
101	101	119	PP	0	0	0	0
101	101	109	PP	0	0	0	0
101	101	108	PP	0	0	0	0
101	101	118	STER	-4,63	1,89	5	157,791
101	101	119	STER	-4,63	-1,17	4,78	-165,855
101	101	109	STER	-8,71	-1,17	8,79	-172,369
101	101	108	STER	-8,71	1,89	8,91	167,754
101	101	118	SSOVR	-2,35	4,06	4,69	120,073
101	101	119	SSOVR	-2,35	3,09	3,88	127,243
101	101	109	SSOVR	-3,11	3,09	4,39	135,193
101	101	108	SSOVR	-3,11	4,06	5,12	127,483
101	101	118	INERZIA	-1,46	2,53	2,92	120,073
101	101	119	INERZIA	-1,46	1,93	2,42	127,243
101	101	109	INERZIA	-1,94	1,93	2,73	135,193
101	101	108	INERZIA	-1,94	2,53	3,19	127,483
101	101	118	INCRSIS	-13,8	23,84	27,55	120,073
101	101	119	INCRSIS	-13,8	18,16	22,81	127,243
101	101	109	INCRSIS	-18,28	18,16	25,77	135,193
101	101	108	INCRSIS	-18,28	23,84	30,04	127,483
102	102	119	PP	0	0	0	0
102	102	120	PP	0	0	0	0
102	102	110	PP	0	0	0	0
102	102	109	PP	0	0	0	0
102	102	119	STER	-24,74	-2,22	24,84	-174,872
102	102	120	STER	-24,74	-4,22	25,1	-170,318
102	102	110	STER	-26,79	-4,22	27,12	-171,045
102	102	109	STER	-26,79	-2,22	26,88	-175,262
102	102	119	SSOVR	-6,7	2,92	7,31	156,445
102	102	120	SSOVR	-6,7	1,96	6,98	163,666
102	102	110	SSOVR	-7,16	1,96	7,42	164,659
102	102	109	SSOVR	-7,16	2,92	7,73	157,8
102	102	119	INERZIA	-4,17	1,82	4,55	156,445
102	102	120	INERZIA	-4,17	1,22	4,35	163,666
102	102	110	INERZIA	-4,46	1,22	4,62	164,659
102	102	109	INERZIA	-4,46	1,82	4,82	157,8

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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
102	102	119	INCRSIS	-39,35	17,15	42,92	156,445
102	102	120	INCRSIS	-39,35	11,53	41	163,666
102	102	110	INCRSIS	-42,03	11,53	43,59	164,659
102	102	109	INCRSIS	-42,03	17,15	45,4	157,8
103	103	120	PP	0	0	0	0
103	103	121	PP	0	0	0	0
103	103	111	PP	0	0	0	0
103	103	110	PP	0	0	0	0
103	103	120	STER	-52,46	-4,33	52,64	-175,284
103	103	121	STER	-52,46	-5,49	52,75	-174,023
103	103	111	STER	-51,76	-5,49	52,05	-173,942
103	103	110	STER	-51,76	-4,33	51,94	-175,22
103	103	120	SSOVR	-12,49	1,89	12,63	171,375
103	103	121	SSOVR	-12,49	0,67	12,51	176,921
103	103	111	SSOVR	-12,73	0,67	12,75	176,98
103	103	110	SSOVR	-12,73	1,89	12,87	171,538
103	103	120	INERZIA	-7,78	1,18	7,87	171,375
103	103	121	INERZIA	-7,78	0,42	7,79	176,921
103	103	111	INERZIA	-7,93	0,42	7,94	176,98
103	103	110	INERZIA	-7,93	1,18	8,02	171,538
103	103	120	INCRSIS	-73,35	11,12	74,19	171,375
103	103	121	INCRSIS	-73,35	3,95	73,45	176,921
103	103	111	INCRSIS	-74,77	3,95	74,88	176,98
103	103	110	INCRSIS	-74,77	11,12	75,6	171,538
104	104	121	PP	0	0	0	0
104	104	122	PP	0	0	0	0
104	104	112	PP	0	0	0	0
104	104	111	PP	0	0	0	0
104	104	121	STER	-90,43	-4,15	90,53	-177,372
104	104	122	STER	-90,43	-3,73	90,51	-177,641
104	104	112	STER	-86,24	-3,73	86,32	-177,526
104	104	111	STER	-86,24	-4,15	86,34	-177,244
104	104	121	SSOVR	-20,29	0,62	20,3	178,258
104	104	122	SSOVR	-20,29	-0,5	20,29	-178,591
104	104	112	SSOVR	-20,64	-0,5	20,64	-178,615
104	104	111	SSOVR	-20,64	0,62	20,65	178,287
104	104	121	INERZIA	-12,64	0,38	12,65	178,258
104	104	122	INERZIA	-12,64	-0,31	12,64	-178,591
104	104	112	INERZIA	-12,86	-0,31	12,86	-178,615
104	104	111	INERZIA	-12,86	0,38	12,86	178,287
104	104	121	INCRSIS	-119,13	3,62	119,18	178,258
104	104	122	INCRSIS	-119,13	-2,93	119,16	-178,591
104	104	112	INCRSIS	-121,18	-2,93	121,22	-178,615
104	104	111	INCRSIS	-121,18	3,62	121,24	178,287
105	105	122	PP	0	0	0	0
105	105	123	PP	0	0	0	0
105	105	113	PP	0	0	0	0
105	105	112	PP	0	0	0	0
105	105	122	STER	-139,92	-0,25	139,92	-179,9
105	105	123	STER	-139,92	1,89	139,93	179,227
105	105	113	STER	-131,62	1,89	131,64	179,178
105	105	112	STER	-131,62	-0,25	131,62	-179,893
105	105	122	SSOVR	-30,32	-0,82	30,33	-178,446
105	105	123	SSOVR	-30,32	-1,66	30,36	-176,873
105	105	113	SSOVR	-31,41	-1,66	31,45	-176,981
105	105	112	SSOVR	-31,41	-0,82	31,42	-178,5
105	105	122	INERZIA	-18,89	-0,51	18,89	-178,446
105	105	123	INERZIA	-18,89	-1,03	18,92	-176,873
105	105	113	INERZIA	-19,57	-1,03	19,59	-176,981
105	105	112	INERZIA	-19,57	-0,51	19,57	-178,5
105	105	122	INCRSIS	-178,03	-4,83	178,09	-178,446
105	105	123	INCRSIS	-178,03	-9,73	178,29	-176,873
105	105	113	INCRSIS	-184,43	-9,73	184,68	-176,981
105	105	112	INCRSIS	-184,43	-4,83	184,49	-178,5
106	106	124	PP	0	0	0	0
106	106	115	PP	0	0	0	0
106	106	114	PP	0	0	0	0
106	106	124	STER	64,56	71,52	96,35	47,926

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
106	106	115	STER	64,56	71,52	96,35	47,926
106	106	114	STER	64,56	71,52	96,35	47,926
106	106	124	SSOVR	16,69	17,46	24,15	46,293
106	106	115	SSOVR	16,69	17,46	24,15	46,293
106	106	114	SSOVR	16,69	17,46	24,15	46,293
106	106	124	INERZIA	10,4	10,88	15,05	46,293
106	106	115	INERZIA	10,4	10,88	15,05	46,293
106	106	114	INERZIA	10,4	10,88	15,05	46,293
106	106	124	INCRSIS	97,98	102,51	141,8	46,293
106	106	115	INCRSIS	97,98	102,51	141,8	46,293
106	106	114	INCRSIS	97,98	102,51	141,8	46,293
107	107	124	PP	0	0	0	0
107	107	125	PP	0	0	0	0
107	107	116	PP	0	0	0	0
107	107	115	PP	0	0	0	0
107	107	124	STER	72,99	69,18	100,56	43,464
107	107	125	STER	72,99	32,54	79,91	24,032
107	107	116	STER	41,23	32,54	52,53	38,284
107	107	115	STER	41,23	69,18	80,53	59,203
107	107	124	SSOVR	15,89	16,66	23,02	46,358
107	107	125	SSOVR	15,89	9,6	18,57	31,142
107	107	116	SSOVR	8,95	9,6	13,13	46,999
107	107	115	SSOVR	8,95	16,66	18,91	61,747
107	107	124	INERZIA	9,9	10,38	14,34	46,358
107	107	125	INERZIA	9,9	5,98	11,57	31,142
107	107	116	INERZIA	5,58	5,98	8,18	46,999
107	107	115	INERZIA	5,58	10,38	11,78	61,747
107	107	124	INCRSIS	93,31	97,84	135,19	46,358
107	107	125	INCRSIS	93,31	56,38	109,02	31,142
107	107	116	INCRSIS	52,58	56,38	77,09	46,999
107	107	115	INCRSIS	52,58	97,84	111,07	61,747
108	108	125	PP	0	0	0	0
108	108	126	PP	0	0	0	0
108	108	117	PP	0	0	0	0
108	108	116	PP	0	0	0	0
108	108	125	STER	36,22	29,01	46,41	38,691
108	108	126	STER	36,22	25,08	44,05	34,695
108	108	117	STER	31,94	25,08	40,61	38,135
108	108	116	STER	31,94	29,01	43,15	42,247
108	108	125	SSOVR	6,91	8,87	11,24	52,103
108	108	126	SSOVR	6,91	7,99	10,56	49,142
108	108	117	SSOVR	6,41	7,99	10,24	51,244
108	108	116	SSOVR	6,41	8,87	10,95	54,154
108	108	125	INERZIA	4,3	5,53	7,01	52,103
108	108	126	INERZIA	4,3	4,97	6,58	49,142
108	108	117	INERZIA	3,99	4,97	6,38	51,244
108	108	116	INERZIA	3,99	5,53	6,82	54,154
108	108	125	INCRSIS	40,56	52,1	66,03	52,103
108	108	126	INCRSIS	40,56	46,89	62	49,142
108	108	117	INCRSIS	37,64	46,89	60,13	51,244
108	108	116	INCRSIS	37,64	52,1	64,28	54,154
109	109	126	PP	0	0	0	0
109	109	127	PP	0	0	0	0
109	109	118	PP	0	0	0	0
109	109	117	PP	0	0	0	0
109	109	126	STER	24,05	22,19	32,72	42,696
109	109	127	STER	24,05	13,54	27,6	29,383
109	109	118	STER	15,1	13,54	20,28	41,881
109	109	117	STER	15,1	22,19	26,84	55,76
109	109	126	SSOVR	3,78	7,54	8,44	63,355
109	109	127	SSOVR	3,78	5,81	6,93	56,926
109	109	118	SSOVR	2,17	5,81	6,2	69,551
109	109	117	SSOVR	2,17	7,54	7,85	73,972
109	109	126	INERZIA	2,36	4,7	5,26	63,355
109	109	127	INERZIA	2,36	3,62	4,32	56,926
109	109	118	INERZIA	1,35	3,62	3,86	69,551
109	109	117	INERZIA	1,35	4,7	4,89	73,972
109	109	126	INCRSIS	22,22	44,28	49,54	63,355



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
109	109	127	INCRSIS	22,22	34,11	40,71	56,926
109	109	118	INCRSIS	12,72	34,11	36,41	69,551
109	109	117	INCRSIS	12,72	44,28	46,07	73,972
110	110	127	PP	0	0	0	0
110	110	128	PP	0	0	0	0
110	110	119	PP	0	0	0	0
110	110	118	PP	0	0	0	0
110	110	127	STER	3,1	11,27	11,69	74,626
110	110	128	STER	3,1	6,24	6,97	63,605
110	110	119	STER	-3,13	6,24	6,98	116,636
110	110	118	STER	-3,13	11,27	11,69	105,529
110	110	127	SSOVR	-0,84	5,43	5,5	98,814
110	110	128	SSOVR	-0,84	4,16	4,24	101,453
110	110	119	SSOVR	-1,9	4,16	4,57	114,581
110	110	118	SSOVR	-1,9	5,43	5,76	109,294
110	110	127	INERZIA	-0,52	3,39	3,43	98,814
110	110	128	INERZIA	-0,52	2,59	2,64	101,453
110	110	119	INERZIA	-1,19	2,59	2,85	114,581
110	110	118	INERZIA	-1,19	3,39	3,59	109,294
110	110	127	INCRSIS	-4,95	31,91	32,29	98,814
110	110	128	INCRSIS	-4,95	24,42	24,92	101,453
110	110	119	INCRSIS	-11,17	24,42	26,85	114,581
110	110	118	INCRSIS	-11,17	31,91	33,81	109,294
111	111	128	PP	0	0	0	0
111	111	129	PP	0	0	0	0
111	111	120	PP	0	0	0	0
111	111	119	PP	0	0	0	0
111	111	128	STER	-18,8	4,58	19,35	166,298
111	111	129	STER	-18,8	0,61	18,81	178,15
111	111	120	STER	-23,64	0,61	23,65	178,528
111	111	119	STER	-23,64	4,58	24,08	169,025
111	111	128	SSOVR	-5,26	3,88	6,54	143,531
111	111	129	SSOVR	-5,26	2,64	5,88	153,297
111	111	120	SSOVR	-6,26	2,64	6,8	157,106
111	111	119	SSOVR	-6,26	3,88	7,37	148,18
111	111	128	INERZIA	-3,27	2,42	4,07	143,531
111	111	129	INERZIA	-3,27	1,65	3,67	153,297
111	111	120	INERZIA	-3,9	1,65	4,23	157,106
111	111	119	INERZIA	-3,9	2,42	4,59	148,18
111	111	128	INCRSIS	-30,86	22,81	38,38	143,531
111	111	129	INCRSIS	-30,86	15,52	34,55	153,297
111	111	120	INCRSIS	-36,76	15,52	39,9	157,106
111	111	119	INCRSIS	-36,76	22,81	43,26	148,18
112	112	129	PP	0	0	0	0
112	112	130	PP	0	0	0	0
112	112	121	PP	0	0	0	0
112	112	120	PP	0	0	0	0
112	112	129	STER	-49,33	-0,46	49,33	-179,463
112	112	130	STER	-49,33	-3,86	49,48	-175,522
112	112	121	STER	-51,68	-3,86	51,83	-175,725
112	112	120	STER	-51,68	-0,46	51,68	-179,488
112	112	129	SSOVR	-11,09	2,36	11,34	167,965
112	112	130	SSOVR	-11,09	0,84	11,12	175,683
112	112	121	SSOVR	-12,05	0,84	12,08	176,027
112	112	120	SSOVR	-12,05	2,36	12,28	168,902
112	112	129	INERZIA	-6,91	1,47	7,06	167,965
112	112	130	INERZIA	-6,91	0,52	6,93	175,683
112	112	121	INERZIA	-7,51	0,52	7,53	176,027
112	112	120	INERZIA	-7,51	1,47	7,65	168,902
112	112	129	INCRSIS	-65,12	13,88	66,58	167,965
112	112	130	INCRSIS	-65,12	4,92	65,3	175,683
112	112	121	INCRSIS	-70,77	4,92	70,94	176,027
112	112	120	INCRSIS	-70,77	13,88	72,12	168,902
113	113	130	PP	0	0	0	0
113	113	131	PP	0	0	0	0
113	113	122	PP	0	0	0	0
113	113	121	PP	0	0	0	0
113	113	130	STER	-90,68	-4,05	90,77	-177,444



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
113	113	131	STER	-90,68	-5,52	90,84	-176,514
113	113	122	STER	-89,98	-5,52	90,15	-176,487
113	113	121	STER	-89,98	-4,05	90,07	-177,424
113	113	130	SSOVR	-18,6	0,44	18,61	178,651
113	113	131	SSOVR	-18,6	-0,93	18,63	-177,141
113	113	122	SSOVR	-19,92	-0,93	19,94	-177,33
113	113	121	SSOVR	-19,92	0,44	19,92	178,74
113	113	130	INERZIA	-11,59	0,27	11,59	178,651
113	113	131	INERZIA	-11,59	-0,58	11,6	-177,141
113	113	122	INERZIA	-12,41	-0,58	12,42	-177,33
113	113	121	INERZIA	-12,41	0,27	12,41	178,74
113	113	130	INCRSIS	-109,23	2,57	109,26	178,651
113	113	131	INCRSIS	-109,23	-5,45	109,37	-177,141
113	113	122	INCRSIS	-116,95	-5,45	117,08	-177,33
113	113	121	INCRSIS	-116,95	2,57	116,98	178,74
114	114	131	PP	0	0	0	0
114	114	132	PP	0	0	0	0
114	114	123	PP	0	0	0	0
114	114	122	PP	0	0	0	0
114	114	131	STER	-144,16	-4,21	144,22	-178,327
114	114	132	STER	-144,16	-3,74	144,21	-178,515
114	114	123	STER	-139,81	-3,74	139,86	-178,469
114	114	122	STER	-139,81	-4,21	139,87	-178,275
114	114	131	SSOVR	-27,84	-1,71	27,9	-176,495
114	114	132	SSOVR	-27,84	-2,78	27,98	-174,289
114	114	123	SSOVR	-30,15	-2,78	30,28	-174,723
114	114	122	SSOVR	-30,15	-1,71	30,2	-176,763
114	114	131	INERZIA	-17,35	-1,06	17,38	-176,495
114	114	132	INERZIA	-17,35	-1,73	17,43	-174,289
114	114	123	INERZIA	-18,79	-1,73	18,87	-174,723
114	114	122	INERZIA	-18,79	-1,06	18,82	-176,763
114	114	131	INCRSIS	-163,5	-10,01	163,81	-176,495
114	114	132	INCRSIS	-163,5	-16,35	164,32	-174,289
114	114	123	INCRSIS	-177,06	-16,35	177,81	-174,723
114	114	122	INCRSIS	-177,06	-10,01	177,34	-176,763
115	115	133	PP	0	0	0	0
115	115	125	PP	0	0	0	0
115	115	124	PP	0	0	0	0
115	115	133	STER	74,98	76,36	107,02	45,521
115	115	125	STER	74,98	76,36	107,02	45,521
115	115	124	STER	74,98	76,36	107,02	45,521
115	115	133	SSOVR	16,87	15,97	23,23	43,44
115	115	125	SSOVR	16,87	15,97	23,23	43,44
115	115	124	SSOVR	16,87	15,97	23,23	43,44
115	115	133	INERZIA	10,51	9,95	14,47	43,44
115	115	125	INERZIA	10,51	9,95	14,47	43,44
115	115	124	INERZIA	10,51	9,95	14,47	43,44
115	115	133	INCRSIS	99,03	93,78	136,39	43,44
115	115	125	INCRSIS	99,03	93,78	136,39	43,44
115	115	124	INCRSIS	99,03	93,78	136,39	43,44
116	116	133	PP	0	0	0	0
116	116	134	PP	0	0	0	0
116	116	126	PP	0	0	0	0
116	116	125	PP	0	0	0	0
116	116	133	STER	75,62	74,57	106,21	44,6
116	116	134	STER	75,62	36,03	83,77	25,477
116	116	126	STER	41,08	36,03	54,64	41,257
116	116	125	STER	41,08	74,57	85,14	61,153
116	116	133	SSOVR	14,43	15,84	21,42	47,662
116	116	134	SSOVR	14,43	9	17	31,948
116	116	126	SSOVR	7,61	9	11,78	49,795
116	116	125	SSOVR	7,61	15,84	17,57	64,348
116	116	133	INERZIA	8,99	9,87	13,35	47,662
116	116	134	INERZIA	8,99	5,61	10,59	31,948
116	116	126	INERZIA	4,74	5,61	7,34	49,795
116	116	125	INERZIA	4,74	9,87	10,94	64,348
116	116	133	INCRSIS	84,73	92,99	125,8	47,662
116	116	134	INCRSIS	84,73	52,84	99,85	31,948



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
116	116	126	INCRSIS	44,66	52,84	69,18	49,795
116	116	125	INCRSIS	44,66	92,99	103,16	64,348
117	117	134	PP	0	0	0	0
117	117	135	PP	0	0	0	0
117	117	127	PP	0	0	0	0
117	117	126	PP	0	0	0	0
117	117	134	STER	31,2	31,56	44,38	45,332
117	117	135	STER	31,2	26,77	41,11	40,633
117	117	127	STER	27,15	26,77	38,13	44,594
117	117	126	STER	27,15	31,56	41,64	49,294
117	117	134	SSOVR	4,7	8,06	9,34	59,741
117	117	135	SSOVR	4,7	7,16	8,57	56,698
117	117	127	SSOVR	4,44	7,16	8,43	58,198
117	117	126	SSOVR	4,44	8,06	9,21	61,161
117	117	134	INERZIA	2,93	5,02	5,82	59,741
117	117	135	INERZIA	2,93	4,46	5,34	56,698
117	117	127	INERZIA	2,77	4,46	5,25	58,198
117	117	126	INERZIA	2,77	5,02	5,74	61,161
117	117	134	INCRSIS	27,63	47,35	54,82	59,741
117	117	135	INCRSIS	27,63	42,05	50,32	56,698
117	117	127	INCRSIS	26,08	42,05	49,48	58,198
117	117	126	INCRSIS	26,08	47,35	54,06	61,161
118	118	135	PP	0	0	0	0
118	118	136	PP	0	0	0	0
118	118	128	PP	0	0	0	0
118	118	127	PP	0	0	0	0
118	118	135	STER	16,16	24,14	29,05	56,21
118	118	136	STER	16,16	15,34	22,28	43,519
118	118	128	STER	5,47	15,34	16,29	70,394
118	118	127	STER	5,47	24,14	24,76	77,246
118	118	135	SSOVR	1,62	6,82	7,01	76,667
118	118	136	SSOVR	1,62	5,11	5,35	72,434
118	118	128	SSOVR	-0,3	5,11	5,11	93,331
118	118	127	SSOVR	-0,3	6,82	6,83	92,495
118	118	135	INERZIA	1,01	4,25	4,37	76,667
118	118	136	INERZIA	1,01	3,18	3,34	72,434
118	118	128	INERZIA	-0,19	3,18	3,19	93,331
118	118	127	INERZIA	-0,19	4,25	4,25	92,495
118	118	135	INCRSIS	9,49	40,04	41,15	76,667
118	118	136	INCRSIS	9,49	29,98	31,44	72,434
118	118	128	INCRSIS	-1,74	29,98	30,03	93,331
118	118	127	INCRSIS	-1,74	40,04	40,08	92,495
119	119	136	PP	0	0	0	0
119	119	137	PP	0	0	0	0
119	119	129	PP	0	0	0	0
119	119	128	PP	0	0	0	0
119	119	136	STER	-9,87	13,01	16,33	127,176
119	119	137	STER	-9,87	6,85	12,01	145,248
119	119	129	STER	-16,76	6,85	18,11	157,789
119	119	128	STER	-16,76	13,01	21,22	142,187
119	119	136	SSOVR	-3,4	4,69	5,8	125,928
119	119	137	SSOVR	-3,4	3,25	4,7	136,306
119	119	129	SSOVR	-4,69	3,25	5,7	145,274
119	119	128	SSOVR	-4,69	4,69	6,63	134,967
119	119	136	INERZIA	-2,12	2,92	3,61	125,928
119	119	137	INERZIA	-2,12	2,02	2,93	136,306
119	119	129	INERZIA	-2,92	2,02	3,55	145,274
119	119	128	INERZIA	-2,92	2,92	4,13	134,967
119	119	136	INCRSIS	-19,97	27,56	34,04	125,928
119	119	137	INCRSIS	-19,97	19,08	27,62	136,306
119	119	129	INCRSIS	-27,53	19,08	33,5	145,274
119	119	128	INCRSIS	-27,53	27,56	38,96	134,967
120	120	137	PP	0	0	0	0
120	120	138	PP	0	0	0	0
120	120	130	PP	0	0	0	0
120	120	129	PP	0	0	0	0
120	120	137	STER	-41,89	4,68	42,15	173,619
120	120	138	STER	-41,89	-1,22	41,91	-178,333

Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
120	120	130	STER	-47,92	-1,22	47,94	-178,543
120	120	129	STER	-47,92	4,68	48,15	174,417
120	120	137	SSOVR	-8,99	2,78	9,41	162,816
120	120	138	SSOVR	-8,99	1,05	9,05	173,371
120	120	130	SSOVR	-10,58	1,05	10,63	174,359
120	120	129	SSOVR	-10,58	2,78	10,94	165,276
120	120	137	INERZIA	-5,6	1,73	5,86	162,816
120	120	138	INERZIA	-5,6	0,65	5,64	173,371
120	120	130	INERZIA	-6,59	0,65	6,62	174,359
120	120	129	INERZIA	-6,59	1,73	6,82	165,276
120	120	137	INCRSIS	-52,8	16,33	55,27	162,816
120	120	138	INCRSIS	-52,8	6,14	53,16	173,371
120	120	130	INCRSIS	-62,13	6,14	62,43	174,359
120	120	129	INCRSIS	-62,13	16,33	64,24	165,276
121	121	138	PP	0	0	0	0
121	121	139	PP	0	0	0	0
121	121	131	PP	0	0	0	0
121	121	130	PP	0	0	0	0
121	121	138	STER	-85,93	-3,08	85,99	-177,949
121	121	139	STER	-85,93	-6,84	86,2	-175,451
121	121	131	STER	-89,82	-6,84	90,08	-175,647
121	121	130	STER	-89,82	-3,08	89,88	-178,038
121	121	138	SSOVR	-16,15	0,35	16,15	178,743
121	121	139	SSOVR	-16,15	-1,2	16,19	-175,746
121	121	131	SSOVR	-18,2	-1,2	18,24	-176,225
121	121	130	SSOVR	-18,2	0,35	18,2	178,884
121	121	138	INERZIA	-10,06	0,22	10,06	178,743
121	121	139	INERZIA	-10,06	-0,75	10,09	-175,746
121	121	131	INERZIA	-11,34	-0,75	11,36	-176,225
121	121	130	INERZIA	-11,34	0,22	11,34	178,884
121	121	138	INCRSIS	-94,81	2,08	94,83	178,743
121	121	139	INCRSIS	-94,81	-7,05	95,07	-175,746
121	121	131	INCRSIS	-106,87	-7,05	107,1	-176,225
121	121	130	INCRSIS	-106,87	2,08	106,89	178,884
122	122	139	PP	0	0	0	0
122	122	140	PP	0	0	0	0
122	122	132	PP	0	0	0	0
122	122	131	PP	0	0	0	0
122	122	139	STER	-142,32	-7,9	142,54	-176,821
122	122	140	STER	-142,32	-9,3	142,62	-176,26
122	122	132	STER	-143,86	-9,3	144,16	-176,3
122	122	131	STER	-143,86	-7,9	144,08	-176,855
122	122	139	SSOVR	-24,56	-2,34	24,67	-174,565
122	122	140	SSOVR	-24,56	-3,58	24,82	-171,698
122	122	132	SSOVR	-27,66	-3,58	27,89	-172,617
122	122	131	SSOVR	-27,66	-2,34	27,76	-175,171
122	122	139	INERZIA	-15,3	-1,46	15,37	-174,565
122	122	140	INERZIA	-15,3	-2,23	15,46	-171,698
122	122	132	INERZIA	-17,23	-2,23	17,38	-172,617
122	122	131	INERZIA	-17,23	-1,46	17,3	-175,171
122	122	139	INCRSIS	-144,23	-13,72	144,88	-174,565
122	122	140	INCRSIS	-144,23	-21,05	145,76	-171,698
122	122	132	INCRSIS	-162,44	-21,05	163,79	-172,617
122	122	131	INCRSIS	-162,44	-13,72	163,01	-175,171
123	123	141	PP	0	0	0	0
123	123	134	PP	0	0	0	0
123	123	133	PP	0	0	0	0
123	123	141	STER	77,91	77,25	109,72	44,754
123	123	134	STER	77,91	77,25	109,72	44,754
123	123	133	STER	77,91	77,25	109,72	44,754
123	123	141	SSOVR	14,97	13,72	20,3	42,494
123	123	134	SSOVR	14,97	13,72	20,3	42,494
123	123	133	SSOVR	14,97	13,72	20,3	42,494
123	123	141	INERZIA	9,33	8,54	12,65	42,494
123	123	134	INERZIA	9,33	8,54	12,65	42,494
123	123	133	INERZIA	9,33	8,54	12,65	42,494
123	123	141	INCRSIS	87,91	80,54	119,23	42,494
123	123	134	INCRSIS	87,91	80,54	119,23	42,494



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
123	123	133	INCRSIS	87,91	80,54	119,23	42,494
124	124	141	PP	0	0	0	0
124	124	142	PP	0	0	0	0
124	124	135	PP	0	0	0	0
124	124	134	PP	0	0	0	0
124	124	141	STER	75,88	77,76	108,64	45,701
124	124	142	STER	75,88	36,3	84,11	25,564
124	124	135	STER	36,55	36,3	51,51	44,801
124	124	134	STER	36,55	77,76	85,92	64,825
124	124	141	SSOVR	12,72	14,5	19,29	48,73
124	124	142	SSOVR	12,72	7,68	14,86	31,118
124	124	135	SSOVR	5,54	7,68	9,47	54,175
124	124	134	SSOVR	5,54	14,5	15,52	69,071
124	124	141	INERZIA	7,93	9,03	12,02	48,73
124	124	142	INERZIA	7,93	4,79	9,26	31,118
124	124	135	INERZIA	3,45	4,79	5,9	54,175
124	124	134	INERZIA	3,45	9,03	9,67	69,071
124	124	141	INCRSIS	74,71	85,13	113,27	48,73
124	124	142	INCRSIS	74,71	45,1	87,27	31,118
124	124	135	INCRSIS	32,56	45,1	55,62	54,175
124	124	134	INCRSIS	32,56	85,13	91,14	69,071
125	125	142	PP	0	0	0	0
125	125	143	PP	0	0	0	0
125	125	136	PP	0	0	0	0
125	125	135	PP	0	0	0	0
125	125	142	STER	20,63	30,5	36,83	55,921
125	125	143	STER	20,63	26,19	33,35	51,77
125	125	136	STER	19,88	26,19	32,88	52,802
125	125	135	STER	19,88	30,5	36,41	56,904
125	125	142	SSOVR	2	6,48	6,79	72,872
125	125	143	SSOVR	2	5,86	6,19	71,157
125	125	136	SSOVR	2,3	5,86	6,29	68,55
125	125	135	SSOVR	2,3	6,48	6,88	70,464
125	125	142	INERZIA	1,25	4,04	4,23	72,872
125	125	143	INERZIA	1,25	3,65	3,85	71,157
125	125	136	INERZIA	1,43	3,65	3,92	68,55
125	125	135	INERZIA	1,43	4,04	4,29	70,464
125	125	142	INCRSIS	11,73	38,08	39,84	72,872
125	125	143	INCRSIS	11,73	34,39	36,33	71,157
125	125	136	INCRSIS	13,51	34,39	36,95	68,55
125	125	135	INCRSIS	13,51	38,08	40,4	70,464
126	126	143	PP	0	0	0	0
126	126	144	PP	0	0	0	0
126	126	137	PP	0	0	0	0
126	126	136	PP	0	0	0	0
126	126	143	STER	5,6	23,86	24,5	76,787
126	126	144	STER	5,6	14,8	15,83	69,275
126	126	137	STER	-7,23	14,8	16,47	116,034
126	126	136	STER	-7,23	23,86	24,93	106,862
126	126	143	SSOVR	-0,55	5,56	5,58	95,627
126	126	144	SSOVR	-0,55	3,87	3,91	98,057
126	126	137	SSOVR	-2,84	3,87	4,79	126,247
126	126	136	SSOVR	-2,84	5,56	6,24	117,035
126	126	143	INERZIA	-0,34	3,46	3,48	95,627
126	126	144	INERZIA	-0,34	2,41	2,43	98,057
126	126	137	INERZIA	-1,77	2,41	2,99	126,247
126	126	136	INERZIA	-1,77	3,46	3,89	117,035
126	126	143	INCRSIS	-3,21	32,62	32,78	95,627
126	126	144	INCRSIS	-3,21	22,71	22,93	98,057
126	126	137	INCRSIS	-16,65	22,71	28,16	126,247
126	126	136	INCRSIS	-16,65	32,62	36,63	117,035
127	127	144	PP	0	0	0	0
127	127	145	PP	0	0	0	0
127	127	138	PP	0	0	0	0
127	127	137	PP	0	0	0	0
127	127	144	STER	-30,45	11,29	32,47	159,659
127	127	145	STER	-30,45	2,54	30,55	175,231
127	127	138	STER	-39,72	2,54	39,8	176,341

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**Table: Element Forces - Area Shells, Part 4 of 4**

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
127	127	137	STER	-39,72	11,29	41,29	164,136
127	127	144	SSOVR	-6,49	3,18	7,23	153,93
127	127	145	SSOVR	-6,49	1,32	6,62	168,482
127	127	138	SSOVR	-8,46	1,32	8,56	171,11
127	127	137	SSOVR	-8,46	3,18	9,03	159,417
127	127	144	INERZIA	-4,04	1,98	4,5	153,93
127	127	145	INERZIA	-4,04	0,82	4,13	168,482
127	127	138	INERZIA	-5,27	0,82	5,33	171,11
127	127	137	INERZIA	-5,27	1,98	5,63	159,417
127	127	144	INCRSIS	-38,11	18,65	42,43	153,93
127	127	145	INCRSIS	-38,11	7,77	38,9	168,482
127	127	138	INCRSIS	-49,65	7,77	50,26	171,11
127	127	137	INCRSIS	-49,65	18,65	53,04	159,417
128	128	145	PP	0	0	0	0
128	128	146	PP	0	0	0	0
128	128	139	PP	0	0	0	0
128	128	138	PP	0	0	0	0
128	128	145	STER	-76,06	-0,98	76,06	-179,261
128	128	146	STER	-76,06	-7,1	76,39	-174,664
128	128	139	STER	-84,6	-7,1	84,9	-175,2
128	128	138	STER	-84,6	-0,98	84,61	-179,336
128	128	145	SSOVR	-13,16	0,41	13,16	178,194
128	128	146	SSOVR	-13,16	-1,23	13,21	-174,646
128	128	139	SSOVR	-15,74	-1,23	15,79	-175,522
128	128	138	SSOVR	-15,74	0,41	15,75	178,49
128	128	145	INERZIA	-8,2	0,26	8,2	178,194
128	128	146	INERZIA	-8,2	-0,77	8,23	-174,646
128	128	139	INERZIA	-9,81	-0,77	9,84	-175,522
128	128	138	INERZIA	-9,81	0,26	9,81	178,49
128	128	145	INCRSIS	-77,25	2,44	77,29	178,194
128	128	146	INCRSIS	-77,25	-7,24	77,59	-174,646
128	128	139	INCRSIS	-92,45	-7,24	92,73	-175,522
128	128	138	INCRSIS	-92,45	2,44	92,48	178,49
129	129	146	PP	0	0	0	0
129	129	147	PP	0	0	0	0
129	129	140	PP	0	0	0	0
129	129	139	PP	0	0	0	0
129	129	146	STER	-134,36	-10,54	134,77	-175,515
129	129	147	STER	-134,36	-13,95	135,08	-174,074
129	129	140	STER	-141,84	-13,95	142,52	-174,384
129	129	139	STER	-141,84	-10,54	142,23	-175,75
129	129	146	SSOVR	-20,78	-2,61	20,94	-172,843
129	129	147	SSOVR	-20,78	-3,96	21,15	-169,217
129	129	140	SSOVR	-24,39	-3,96	24,71	-170,783
129	129	139	SSOVR	-24,39	-2,61	24,53	-173,893
129	129	146	INERZIA	-12,95	-1,63	13,05	-172,843
129	129	147	INERZIA	-12,95	-2,47	13,18	-169,217
129	129	140	INERZIA	-15,19	-2,47	15,39	-170,783
129	129	139	INERZIA	-15,19	-1,63	15,28	-173,893
129	129	146	INCRSIS	-122,02	-15,32	122,98	-172,843
129	129	147	INCRSIS	-122,02	-23,24	124,21	-169,217
129	129	140	INCRSIS	-143,21	-23,24	145,08	-170,783
129	129	139	INCRSIS	-143,21	-15,32	144,03	-173,893
130	130	148	PP	0	0	0	0
130	130	142	PP	0	0	0	0
130	130	141	PP	0	0	0	0
130	130	148	STER	76,65	69,01	103,14	41,996
130	130	142	STER	76,65	69,01	103,14	41,996
130	130	141	STER	76,65	69,01	103,14	41,996
130	130	148	SSOVR	12,42	10,4	16,2	39,933
130	130	142	SSOVR	12,42	10,4	16,2	39,933
130	130	141	SSOVR	12,42	10,4	16,2	39,933
130	130	148	INERZIA	7,74	6,48	10,09	39,933
130	130	142	INERZIA	7,74	6,48	10,09	39,933
130	130	141	INERZIA	7,74	6,48	10,09	39,933
130	130	148	INCRSIS	72,94	61,06	95,12	39,933
130	130	142	INCRSIS	72,94	61,06	95,12	39,933
130	130	141	INCRSIS	72,94	61,06	95,12	39,933



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
131	131	148	PP	0	0	0	0
131	131	149	PP	0	0	0	0
131	131	143	PP	0	0	0	0
131	131	142	PP	0	0	0	0
131	131	148	STER	74,01	74,18	104,79	45,069
131	131	149	STER	74,01	38,6	83,47	27,543
131	131	143	STER	26,28	38,6	46,69	55,752
131	131	142	STER	26,28	74,18	78,7	70,495
131	131	148	SSOVR	10,94	12,13	16,34	47,959
131	131	149	SSOVR	10,94	6,67	12,82	31,383
131	131	143	SSOVR	2,97	6,67	7,3	66,034
131	131	142	SSOVR	2,97	12,13	12,49	76,261
131	131	148	INERZIA	6,82	7,56	10,18	47,959
131	131	149	INERZIA	6,82	4,16	7,98	31,383
131	131	143	INERZIA	1,85	4,16	4,55	66,034
131	131	142	INERZIA	1,85	7,56	7,78	76,261
131	131	148	INCRSIS	64,24	71,25	95,93	47,959
131	131	149	INCRSIS	64,24	39,19	75,25	31,383
131	131	143	INCRSIS	17,42	39,19	42,88	66,034
131	131	142	INCRSIS	17,42	71,25	73,34	76,261
132	132	149	PP	0	0	0	0
132	132	150	PP	0	0	0	0
132	132	144	PP	0	0	0	0
132	132	143	PP	0	0	0	0
132	132	149	STER	15,36	31,32	34,88	63,869
132	132	150	STER	15,36	23,87	28,38	57,228
132	132	144	STER	9,57	23,87	25,71	68,145
132	132	143	STER	9,57	31,32	32,75	73,004
132	132	149	SSOVR	0,74	5,26	5,32	81,985
132	132	150	SSOVR	0,74	4,36	4,43	80,36
132	132	144	SSOVR	0,0564	4,36	4,36	89,26
132	132	143	SSOVR	0,0564	5,26	5,27	89,386
132	132	149	INERZIA	0,46	3,28	3,31	81,985
132	132	150	INERZIA	0,46	2,72	2,76	80,36
132	132	144	INERZIA	0,03513	2,72	2,72	89,26
132	132	143	INERZIA	0,03513	3,28	3,28	89,386
132	132	149	INCRSIS	4,35	30,92	31,22	81,985
132	132	150	INCRSIS	4,35	25,63	25,99	80,36
132	132	144	INCRSIS	0,33	25,63	25,63	89,26
132	132	143	INCRSIS	0,33	30,92	30,92	89,386
133	133	150	PP	0	0	0	0
133	133	151	PP	0	0	0	0
133	133	145	PP	0	0	0	0
133	133	144	PP	0	0	0	0
133	133	150	STER	-13,11	20,2	24,08	122,983
133	133	151	STER	-13,11	7,56	15,13	150,01
133	133	145	STER	-27,54	7,56	28,56	164,642
133	133	144	STER	-27,54	20,2	34,16	143,747
133	133	150	SSOVR	-3,29	3,77	5	131,066
133	133	151	SSOVR	-3,29	1,66	3,68	153,219
133	133	145	SSOVR	-5,96	1,66	6,19	164,446
133	133	144	SSOVR	-5,96	3,77	7,05	147,67
133	133	150	INERZIA	-2,05	2,35	3,12	131,066
133	133	151	INERZIA	-2,05	1,03	2,29	153,219
133	133	145	INERZIA	-3,71	1,03	3,85	164,446
133	133	144	INERZIA	-3,71	2,35	4,39	147,67
133	133	150	INCRSIS	-19,3	22,15	29,37	131,066
133	133	151	INCRSIS	-19,3	9,74	21,62	153,219
133	133	145	INCRSIS	-34,99	9,74	36,32	164,446
133	133	144	INCRSIS	-34,99	22,15	41,41	147,67
134	134	151	PP	0	0	0	0
134	134	152	PP	0	0	0	0
134	134	146	PP	0	0	0	0
134	134	145	PP	0	0	0	0
134	134	151	STER	-61,38	2,3	61,42	177,854
134	134	152	STER	-61,38	-5,98	61,67	-174,433
134	134	146	STER	-74,2	-5,98	74,44	-175,39
134	134	145	STER	-74,2	2,3	74,23	178,225



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Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
134	134	151	SSOVR	-9,89	0,57	9,91	176,719
134	134	152	SSOVR	-9,89	-1,01	9,95	-174,148
134	134	146	SSOVR	-12,77	-1,01	12,81	-175,46
134	134	145	SSOVR	-12,77	0,57	12,79	177,458
134	134	151	INERZIA	-6,16	0,35	6,17	176,719
134	134	152	INERZIA	-6,16	-0,63	6,2	-174,148
134	134	146	INERZIA	-7,96	-0,63	7,98	-175,46
134	134	145	INERZIA	-7,96	0,35	7,97	177,458
134	134	151	INCRSIS	-58,1	3,33	58,19	176,719
134	134	152	INCRSIS	-58,1	-5,95	58,4	-174,148
134	134	146	INCRSIS	-75	-5,95	75,24	-175,46
134	134	145	INCRSIS	-75	3,33	75,08	177,458
135	135	152	PP	0	0	0	0
135	135	153	PP	0	0	0	0
135	135	147	PP	0	0	0	0
135	135	146	PP	0	0	0	0
135	135	152	STER	-120,5	-11,77	121,07	-174,421
135	135	153	STER	-120,5	-17,2	121,72	-171,878
135	135	147	STER	-133,67	-17,2	134,77	-172,67
135	135	146	STER	-133,67	-11,77	134,19	-174,968
135	135	152	SSOVR	-16,76	-2,54	16,95	-171,37
135	135	153	SSOVR	-16,76	-3,93	17,21	-166,814
135	135	147	SSOVR	-20,62	-3,93	20,99	-169,217
135	135	146	SSOVR	-20,62	-2,54	20,77	-172,967
135	135	152	INERZIA	-10,44	-1,58	10,56	-171,37
135	135	153	INERZIA	-10,44	-2,45	10,72	-166,814
135	135	147	INERZIA	-12,84	-2,45	13,08	-169,217
135	135	146	INERZIA	-12,84	-1,58	12,94	-172,967
135	135	152	INCRSIS	-98,41	-14,94	99,54	-171,37
135	135	153	INCRSIS	-98,41	-23,06	101,08	-166,814
135	135	147	INCRSIS	-121,06	-23,06	123,24	-169,217
135	135	146	INCRSIS	-121,06	-14,94	121,98	-172,967
136	136	154	PP	0	0	0	0
136	136	149	PP	0	0	0	0
136	136	148	PP	0	0	0	0
136	136	154	STER	73,28	62,77	96,49	40,584
136	136	149	STER	73,28	62,77	96,49	40,584
136	136	148	STER	73,28	62,77	96,49	40,584
136	136	154	SSOVR	9,84	7,78	12,54	38,33
136	136	149	SSOVR	9,84	7,78	12,54	38,33
136	136	148	SSOVR	9,84	7,78	12,54	38,33
136	136	154	INERZIA	6,13	4,85	7,81	38,33
136	136	149	INERZIA	6,13	4,85	7,81	38,33
136	136	148	INERZIA	6,13	4,85	7,81	38,33
136	136	154	INCRSIS	57,77	45,67	73,64	38,33
136	136	149	INCRSIS	57,77	45,67	73,64	38,33
136	136	148	INCRSIS	57,77	45,67	73,64	38,33
137	137	154	PP	0	0	0	0
137	137	155	PP	0	0	0	0
137	137	150	PP	0	0	0	0
137	137	149	PP	0	0	0	0
137	137	154	STER	60,24	70,08	92,42	49,32
137	137	155	STER	60,24	31,78	68,11	27,814
137	137	150	STER	21,94	31,78	38,62	55,376
137	137	149	STER	21,94	70,08	73,44	72,616
137	137	154	SSOVR	7,85	9,94	12,66	51,716
137	137	155	SSOVR	7,85	4,71	9,15	30,999
137	137	150	SSOVR	1,82	4,71	5,05	68,896
137	137	149	SSOVR	1,82	9,94	10,11	79,628
137	137	154	INERZIA	4,89	6,19	7,89	51,716
137	137	155	INERZIA	4,89	2,94	5,7	30,999
137	137	150	INERZIA	1,13	2,94	3,15	68,896
137	137	149	INERZIA	1,13	6,19	6,3	79,628
137	137	154	INCRSIS	46,07	58,37	74,36	51,716
137	137	155	INCRSIS	46,07	27,68	53,75	30,999
137	137	150	INCRSIS	10,68	27,68	29,67	68,896
137	137	149	INCRSIS	10,68	58,37	59,34	79,628
138	138	155	PP	0	0	0	0



Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
138	138	156	PP	0	0	0	0
138	138	151	PP	0	0	0	0
138	138	150	PP	0	0	0	0
138	138	155	STER	-0,96	22,19	22,21	92,475
138	138	156	STER	-0,96	14,79	14,82	93,709
138	138	151	STER	-10,03	14,79	17,87	124,146
138	138	150	STER	-10,03	22,19	24,35	114,331
138	138	155	SSOVR	-1,71	2,91	3,37	120,38
138	138	156	SSOVR	-1,71	2,22	2,8	127,505
138	138	151	SSOVR	-2,91	2,22	3,66	142,586
138	138	150	SSOVR	-2,91	2,91	4,11	134,959
138	138	155	INERZIA	-1,06	1,81	2,1	120,38
138	138	156	INERZIA	-1,06	1,38	1,75	127,505
138	138	151	INERZIA	-1,81	1,38	2,28	142,586
138	138	150	INERZIA	-1,81	1,81	2,56	134,959
138	138	155	INCRSIS	-10,01	17,08	19,8	120,38
138	138	156	INCRSIS	-10,01	13,05	16,45	127,505
138	138	151	INCRSIS	-17,06	13,05	21,48	142,586
138	138	150	INCRSIS	-17,06	17,08	24,14	134,959
139	139	156	PP	0	0	0	0
139	139	157	PP	0	0	0	0
139	139	152	PP	0	0	0	0
139	139	151	PP	0	0	0	0
139	139	156	STER	-42,89	8,86	43,79	168,334
139	139	157	STER	-42,89	-4,29	43,1	-174,294
139	139	152	STER	-59,12	-4,29	59,27	-175,853
139	139	151	STER	-59,12	8,86	59,78	171,481
139	139	156	SSOVR	-6,53	1,2	6,64	169,618
139	139	157	SSOVR	-6,53	-0,74	6,58	-173,54
139	139	152	SSOVR	-9,55	-0,74	9,58	-175,569
139	139	151	SSOVR	-9,55	1,2	9,62	172,853
139	139	156	INERZIA	-4,07	0,75	4,14	169,618
139	139	157	INERZIA	-4,07	-0,46	4,1	-173,54
139	139	152	INERZIA	-5,95	-0,46	5,97	-175,569
139	139	151	INERZIA	-5,95	0,75	6	172,853
139	139	156	INCRSIS	-38,37	7,03	39,01	169,618
139	139	157	INCRSIS	-38,37	-4,34	38,62	-173,54
139	139	152	INCRSIS	-56,07	-4,34	56,24	-175,569
139	139	151	INCRSIS	-56,07	7,03	56,51	172,853
140	140	157	PP	0	0	0	0
140	140	158	PP	0	0	0	0
140	140	153	PP	0	0	0	0
140	140	152	PP	0	0	0	0
140	140	157	STER	-104,09	-12,15	104,8	-173,342
140	140	158	STER	-104,09	-18,6	105,74	-169,87
140	140	153	STER	-119,75	-18,6	121,18	-171,172
140	140	152	STER	-119,75	-12,15	120,36	-174,206
140	140	157	SSOVR	-13,29	-2,35	13,5	-169,979
140	140	158	SSOVR	-13,29	-3,58	13,76	-164,945
140	140	153	SSOVR	-16,64	-3,58	17,02	-167,872
140	140	152	SSOVR	-16,64	-2,35	16,8	-171,964
140	140	157	INERZIA	-8,28	-1,46	8,41	-169,979
140	140	158	INERZIA	-8,28	-2,23	8,58	-164,945
140	140	153	INERZIA	-10,36	-2,23	10,6	-167,872
140	140	152	INERZIA	-10,36	-1,46	10,47	-171,964
140	140	157	INCRSIS	-78,05	-13,79	79,26	-169,979
140	140	158	INCRSIS	-78,05	-20,99	80,82	-164,945
140	140	153	INCRSIS	-97,69	-20,99	99,92	-167,872
140	140	152	INCRSIS	-97,69	-13,79	98,66	-171,964
141	141	159	PP	0	0	0	0
141	141	155	PP	0	0	0	0
141	141	154	PP	0	0	0	0
141	141	159	STER	55,63	51,72	75,96	42,917
141	141	155	STER	55,63	51,72	75,96	42,917
141	141	154	STER	55,63	51,72	75,96	42,917
141	141	159	SSOVR	6,13	4,87	7,83	38,483
141	141	155	SSOVR	6,13	4,87	7,83	38,483
141	141	154	SSOVR	6,13	4,87	7,83	38,483

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
141	141	159	INERZIA	3,82	3,04	4,88	38,483
141	141	155	INERZIA	3,82	3,04	4,88	38,483
141	141	154	INERZIA	3,82	3,04	4,88	38,483
141	141	159	INCRSIS	36	28,62	45,99	38,483
141	141	155	INCRSIS	36	28,62	45,99	38,483
141	141	154	INCRSIS	36	28,62	45,99	38,483
142	142	159	PP	0	0	0	0
142	142	160	PP	0	0	0	0
142	142	156	PP	0	0	0	0
142	142	155	PP	0	0	0	0
142	142	159	STER	44,44	63,22	77,27	54,893
142	142	160	STER	44,44	16,14	47,28	19,96
142	142	156	STER	5,73	16,14	17,13	70,454
142	142	155	STER	5,73	63,22	63,48	84,821
142	142	159	SSOVR	5,21	7,76	9,35	56,15
142	142	160	SSOVR	5,21	2,12	5,62	22,198
142	142	156	SSOVR	-0,78	2,12	2,26	110,216
142	142	155	SSOVR	-0,78	7,76	7,8	95,755
142	142	159	INERZIA	3,24	4,84	5,82	56,15
142	142	160	INERZIA	3,24	1,32	3,5	22,198
142	142	156	INERZIA	-0,49	1,32	1,41	110,216
142	142	155	INERZIA	-0,49	4,84	4,86	95,755
142	142	159	INCRSIS	30,58	45,59	54,89	56,15
142	142	160	INCRSIS	30,58	12,48	33,02	22,198
142	142	156	INCRSIS	-4,59	12,48	13,3	110,216
142	142	155	INCRSIS	-4,59	45,59	45,82	95,755
143	143	160	PP	0	0	0	0
143	143	161	PP	0	0	0	0
143	143	157	PP	0	0	0	0
143	143	156	PP	0	0	0	0
143	143	160	STER	-33,25	2,54	33,35	175,636
143	143	161	STER	-33,25	1,21	33,27	177,908
143	143	157	STER	-41,3	1,21	41,32	178,316
143	143	156	STER	-41,3	2,54	41,38	176,485
143	143	160	SSOVR	-5,17	-0,18	5,18	-178,044
143	143	161	SSOVR	-5,17	-0,0155	5,17	-179,828
143	143	157	SSOVR	-6,44	-0,0155	6,44	-179,862
143	143	156	SSOVR	-6,44	-0,18	6,44	-178,429
143	143	160	INERZIA	-3,22	-0,11	3,22	-178,044
143	143	161	INERZIA	-3,22	-0,009659	3,22	-179,828
143	143	157	INERZIA	-4,01	-0,009659	4,01	-179,862
143	143	156	INERZIA	-4,01	-0,11	4,01	-178,429
143	143	160	INCRSIS	-30,37	-1,04	30,39	-178,044
143	143	161	INCRSIS	-30,37	-0,09104	30,37	-179,828
143	143	157	INCRSIS	-37,82	-0,09104	37,82	-179,862
143	143	156	INCRSIS	-37,82	-1,04	37,83	-178,429
144	144	161	PP	0	0	0	0
144	144	162	PP	0	0	0	0
144	144	158	PP	0	0	0	0
144	144	157	PP	0	0	0	0
144	144	161	STER	-80,89	-7,44	81,23	-174,744
144	144	162	STER	-80,89	-18,28	82,93	-167,265
144	144	158	STER	-103,18	-18,28	104,78	-169,952
144	144	157	STER	-103,18	-7,44	103,45	-175,875
144	144	161	SSOVR	-9,49	-1,47	9,61	-171,198
144	144	162	SSOVR	-9,49	-3,02	9,96	-162,333
144	144	158	SSOVR	-13,18	-3,02	13,52	-167,078
144	144	157	SSOVR	-13,18	-1,47	13,26	-173,635
144	144	161	INERZIA	-5,91	-0,92	5,98	-171,198
144	144	162	INERZIA	-5,91	-1,88	6,21	-162,333
144	144	158	INERZIA	-8,21	-1,88	8,42	-167,078
144	144	157	INERZIA	-8,21	-0,92	8,26	-173,635
144	144	161	INCRSIS	-55,74	-8,63	56,4	-171,198
144	144	162	INCRSIS	-55,74	-17,75	58,5	-162,333
144	144	158	INCRSIS	-77,38	-17,75	79,39	-167,078
144	144	157	INCRSIS	-77,38	-8,63	77,86	-173,635
145	145	163	PP	0	0	0	0
145	145	160	PP	0	0	0	0

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
145	145	159	PP	0	0	0	0
145	145	163	STER	35,42	29,74	46,25	40,015
145	145	160	STER	35,42	29,74	46,25	40,015
145	145	159	STER	35,42	29,74	46,25	40,015
145	145	163	SSOVR	3,02	2,27	3,77	36,98
145	145	160	SSOVR	3,02	2,27	3,77	36,98
145	145	159	SSOVR	3,02	2,27	3,77	36,98
145	145	163	INERZIA	1,88	1,41	2,35	36,98
145	145	160	INERZIA	1,88	1,41	2,35	36,98
145	145	159	INERZIA	1,88	1,41	2,35	36,98
145	145	163	INCRSIS	17,7	13,33	22,16	36,98
145	145	160	INCRSIS	17,7	13,33	22,16	36,98
145	145	159	INCRSIS	17,7	13,33	22,16	36,98
146	146	163	PP	0	0	0	0
146	146	164	PP	0	0	0	0
146	146	161	PP	0	0	0	0
146	146	160	PP	0	0	0	0
146	146	163	STER	29,04	40,95	50,2	54,654
146	146	164	STER	29,04	6,44	29,75	12,501
146	146	161	STER	-26,82	6,44	27,58	166,497
146	146	160	STER	-26,82	40,95	48,95	123,218
146	146	163	SSOVR	3,06	4,28	5,26	54,404
146	146	164	SSOVR	3,06	0,58	3,12	10,643
146	146	161	SSOVR	-4,33	0,58	4,36	172,423
146	146	160	SSOVR	-4,33	4,28	6,08	135,323
146	146	163	INERZIA	1,91	2,67	3,28	54,404
146	146	164	INERZIA	1,91	0,36	1,94	10,643
146	146	161	INERZIA	-2,7	0,36	2,72	172,423
146	146	160	INERZIA	-2,7	2,67	3,79	135,323
146	146	163	INCRSIS	17,98	25,12	30,9	54,404
146	146	164	INCRSIS	17,98	3,38	18,3	10,643
146	146	161	INCRSIS	-25,41	3,38	25,63	172,423
146	146	160	INCRSIS	-25,41	25,12	35,73	135,323
147	147	164	PP	0	0	0	0
147	147	165	PP	0	0	0	0
147	147	162	PP	0	0	0	0
147	147	161	PP	0	0	0	0
147	147	164	STER	-57,99	-9,75	58,81	-170,453
147	147	165	STER	-57,99	-15,42	60,01	-165,112
147	147	162	STER	-80,08	-15,42	81,55	-169,102
147	147	161	STER	-80,08	-9,75	80,67	-173,055
147	147	164	SSOVR	-6,24	-1,67	6,46	-165,031
147	147	165	SSOVR	-6,24	-2,18	6,61	-160,699
147	147	162	SSOVR	-9,49	-2,18	9,74	-167,039
147	147	161	SSOVR	-9,49	-1,67	9,64	-170,035
147	147	164	INERZIA	-3,89	-1,04	4,02	-165,031
147	147	165	INERZIA	-3,89	-1,36	4,12	-160,699
147	147	162	INERZIA	-5,91	-1,36	6,07	-167,039
147	147	161	INERZIA	-5,91	-1,04	6	-170,035
147	147	164	INCRSIS	-36,63	-9,79	37,92	-165,031
147	147	165	INCRSIS	-36,63	-12,83	38,81	-160,699
147	147	162	INCRSIS	-55,74	-12,83	57,2	-167,039
147	147	161	INCRSIS	-55,74	-9,79	56,59	-170,035
148	148	166	PP	0	0	0	0
148	148	164	PP	0	0	0	0
148	148	163	PP	0	0	0	0
148	148	166	STER	17,73	5,79	18,65	18,088
148	148	164	STER	17,73	5,79	18,65	18,088
148	148	163	STER	17,73	5,79	18,65	18,088
148	148	166	SSOVR	0,78	0,17	0,79	12,09
148	148	164	SSOVR	0,78	0,17	0,79	12,09
148	148	163	SSOVR	0,78	0,17	0,79	12,09
148	148	166	INERZIA	0,48	0,1	0,49	12,09
148	148	164	INERZIA	0,48	0,1	0,49	12,09
148	148	163	INERZIA	0,48	0,1	0,49	12,09
148	148	166	INCRSIS	4,56	0,98	4,66	12,09
148	148	164	INCRSIS	4,56	0,98	4,66	12,09
148	148	163	INCRSIS	4,56	0,98	4,66	12,09

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Table: Element Forces - Area Shells, Part 4 of 4

Area	AreaElem	Joint	OutputCase	V13 KN/m	V23 KN/m	VMax KN/m	VAngle Degrees
149	149	166	PP	0	0	0	0
149	149	167	PP	0	0	0	0
149	149	165	PP	0	0	0	0
149	149	164	PP	0	0	0	0
149	149	166	STER	-0,64	8,02	8,04	94,539
149	149	167	STER	-0,64	-8,44	8,47	-94,309
149	149	165	STER	-54,82	-8,44	55,46	-171,242
149	149	164	STER	-54,82	8,02	55,4	171,68
149	149	166	SSOVR	-0,05502	0,41	0,41	97,648
149	149	167	SSOVR	-0,05502	-0,98	0,98	-93,208
149	149	165	SSOVR	-5,87	-0,98	5,95	-170,509
149	149	164	SSOVR	-5,87	0,41	5,89	176,009
149	149	166	INERZIA	-0,03427	0,26	0,26	97,648
149	149	167	INERZIA	-0,03427	-0,61	0,61	-93,208
149	149	165	INERZIA	-3,66	-0,61	3,71	-170,509
149	149	164	INERZIA	-3,66	0,26	3,67	176,009
149	149	166	INCRSIS	-0,32	2,41	2,43	97,648
149	149	167	INCRSIS	-0,32	-5,76	5,77	-93,208
149	149	165	INCRSIS	-34,48	-5,76	34,96	-170,509
149	149	164	INCRSIS	-34,48	2,41	34,56	176,009
150	150	168	PP	0	0	0	0
150	150	167	PP	0	0	0	0
150	150	166	PP	0	0	0	0
150	150	168	STER	-8,46	-4,37	9,52	-152,706
150	150	167	STER	-8,46	-4,37	9,52	-152,706
150	150	166	STER	-8,46	-4,37	9,52	-152,706
150	150	168	SSOVR	-1,16	-0,33	1,21	-164,254
150	150	167	SSOVR	-1,16	-0,33	1,21	-164,254
150	150	166	SSOVR	-1,16	-0,33	1,21	-164,254
150	150	168	INERZIA	-0,72	-0,2	0,75	-164,254
150	150	167	INERZIA	-0,72	-0,2	0,75	-164,254
150	150	166	INERZIA	-0,72	-0,2	0,75	-164,254
150	150	168	INCRSIS	-6,82	-1,92	7,09	-164,254
150	150	167	INCRSIS	-6,82	-1,92	7,09	-164,254
150	150	166	INCRSIS	-6,82	-1,92	7,09	-164,254

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
7	GLOBAL	Cartesian	8,3125	0	10,15	No	8,3125
8	GLOBAL	Cartesian	8,3125	0	10,6	No	8,3125
9	GLOBAL	Cartesian	7,6	0	10,15	No	7,6
10	GLOBAL	Cartesian	7,6	0	10,6	No	7,6
11	GLOBAL	Cartesian	7	0	10,15	No	7
12	GLOBAL	Cartesian	7	0	10,6	No	7
13	GLOBAL	Cartesian	6,4	0	10,15	No	6,4
14	GLOBAL	Cartesian	6,4	0	10,6	No	6,4
15	GLOBAL	Cartesian	5,7	0	10,15	No	5,7
16	GLOBAL	Cartesian	5,7	0	10,6	No	5,7
17	GLOBAL	Cartesian	5	0	10,15	No	5
18	GLOBAL	Cartesian	5	0	10,6	No	5
19	GLOBAL	Cartesian	4,3	0	10,15	No	4,3
20	GLOBAL	Cartesian	4,3	0	10,6	No	4,3
21	GLOBAL	Cartesian	3,6	0	10,15	No	3,6
22	GLOBAL	Cartesian	3,6	0	10,6	No	3,6
23	GLOBAL	Cartesian	3	0	10,15	No	3
24	GLOBAL	Cartesian	3	0	10,6	No	3
25	GLOBAL	Cartesian	2,4	0	10,15	No	2,4
26	GLOBAL	Cartesian	2,4	0	10,6	No	2,4
27	GLOBAL	Cartesian	1,62857	0	10,15	No	1,62857
28	GLOBAL	Cartesian	1,62857	0	10,6	No	1,62857
29	GLOBAL	Cartesian	0,85714	0	10,15	No	0,85714
30	GLOBAL	Cartesian	0,85714	0	10,6	No	0,85714
31	GLOBAL	Cartesian	0	0	10,15	No	0
32	GLOBAL	Cartesian	0	0	10,6	No	0
36	GLOBAL	Cartesian	8,3125	0	9,7	No	8,3125



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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
37	GLOBAL	Cartesian	7,6	0	9,7	No	7,6
38	GLOBAL	Cartesian	7	0	9,7	No	7
39	GLOBAL	Cartesian	6,4	0	9,7	No	6,4
40	GLOBAL	Cartesian	5,7	0	9,7	No	5,7
41	GLOBAL	Cartesian	5	0	9,7	No	5
42	GLOBAL	Cartesian	4,3	0	9,7	No	4,3
43	GLOBAL	Cartesian	3,6	0	9,7	No	3,6
44	GLOBAL	Cartesian	3	0	9,7	No	3
45	GLOBAL	Cartesian	2,4	0	9,7	No	2,4
46	GLOBAL	Cartesian	1,62857	0	9,7	No	1,62857
47	GLOBAL	Cartesian	0,85714	0	9,7	No	0,85714
48	GLOBAL	Cartesian	0	0	9,7	No	0
51	GLOBAL	Cartesian	8,3125	0	8,9875	No	8,3125
52	GLOBAL	Cartesian	7,6	0	8,9875	No	7,6
53	GLOBAL	Cartesian	7	0	8,9875	No	7
54	GLOBAL	Cartesian	6,4	0	8,9875	No	6,4
55	GLOBAL	Cartesian	5,7	0	8,9875	No	5,7
56	GLOBAL	Cartesian	5	0	8,9875	No	5
57	GLOBAL	Cartesian	4,3	0	8,9875	No	4,3
58	GLOBAL	Cartesian	3,6	0	8,9875	No	3,6
59	GLOBAL	Cartesian	3	0	8,9875	No	3
60	GLOBAL	Cartesian	2,4	0	8,9875	No	2,4
61	GLOBAL	Cartesian	1,62857	0	8,9875	No	1,62857
62	GLOBAL	Cartesian	0,85714	0	8,9875	No	0,85714
63	GLOBAL	Cartesian	0	0	8,9875	No	0
65	GLOBAL	Cartesian	8,3125	0	8,275	No	8,3125
66	GLOBAL	Cartesian	7,6	0	8,275	No	7,6
67	GLOBAL	Cartesian	7	0	8,275	No	7
68	GLOBAL	Cartesian	6,4	0	8,275	No	6,4
69	GLOBAL	Cartesian	5,7	0	8,275	No	5,7
70	GLOBAL	Cartesian	5	0	8,275	No	5
71	GLOBAL	Cartesian	4,3	0	8,275	No	4,3
72	GLOBAL	Cartesian	3,6	0	8,275	No	3,6
73	GLOBAL	Cartesian	3	0	8,275	No	3
74	GLOBAL	Cartesian	2,4	0	8,275	No	2,4
75	GLOBAL	Cartesian	1,62857	0	8,275	No	1,62857
76	GLOBAL	Cartesian	0,85714	0	8,275	No	0,85714
77	GLOBAL	Cartesian	0	0	8,275	No	0
78	GLOBAL	Cartesian	8,3125	0	7,5625	No	8,3125
79	GLOBAL	Cartesian	7,6	0	7,5625	No	7,6
80	GLOBAL	Cartesian	7	0	7,5625	No	7
81	GLOBAL	Cartesian	6,4	0	7,5625	No	6,4
82	GLOBAL	Cartesian	5,7	0	7,5625	No	5,7
83	GLOBAL	Cartesian	5	0	7,5625	No	5
84	GLOBAL	Cartesian	4,3	0	7,5625	No	4,3
85	GLOBAL	Cartesian	3,6	0	7,5625	No	3,6
86	GLOBAL	Cartesian	3	0	7,5625	No	3
87	GLOBAL	Cartesian	2,4	0	7,5625	No	2,4
88	GLOBAL	Cartesian	1,62857	0	7,5625	No	1,62857
89	GLOBAL	Cartesian	0,85714	0	7,5625	No	0,85714
90	GLOBAL	Cartesian	0	0	7,5625	No	0
91	GLOBAL	Cartesian	7,6	0	6,85	No	7,6
92	GLOBAL	Cartesian	7	0	6,85	No	7
93	GLOBAL	Cartesian	6,4	0	6,85	No	6,4
94	GLOBAL	Cartesian	5,7	0	6,85	No	5,7
95	GLOBAL	Cartesian	5	0	6,85	No	5
96	GLOBAL	Cartesian	4,3	0	6,85	No	4,3
97	GLOBAL	Cartesian	3,6	0	6,85	No	3,6
98	GLOBAL	Cartesian	3	0	6,85	No	3
99	GLOBAL	Cartesian	2,4	0	6,85	No	2,4
100	GLOBAL	Cartesian	1,62857	0	6,85	No	1,62857
101	GLOBAL	Cartesian	0,85714	0	6,85	No	0,85714
102	GLOBAL	Cartesian	0	0	6,85	No	0
103	GLOBAL	Cartesian	7	0	6,25	No	7
104	GLOBAL	Cartesian	6,4	0	6,25	No	6,4
105	GLOBAL	Cartesian	5,7	0	6,25	No	5,7
106	GLOBAL	Cartesian	5	0	6,25	No	5
107	GLOBAL	Cartesian	4,3	0	6,25	No	4,3

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Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
108	GLOBAL	Cartesian	3,6	0	6,25	No	3,6
109	GLOBAL	Cartesian	3	0	6,25	No	3
110	GLOBAL	Cartesian	2,4	0	6,25	No	2,4
111	GLOBAL	Cartesian	1,62857	0	6,25	No	1,62857
112	GLOBAL	Cartesian	0,85714	0	6,25	No	0,85714
113	GLOBAL	Cartesian	0	0	6,25	No	0
114	GLOBAL	Cartesian	6,4	0	5,65	No	6,4
115	GLOBAL	Cartesian	5,7	0	5,65	No	5,7
116	GLOBAL	Cartesian	5	0	5,65	No	5
117	GLOBAL	Cartesian	4,3	0	5,65	No	4,3
118	GLOBAL	Cartesian	3,6	0	5,65	No	3,6
119	GLOBAL	Cartesian	3	0	5,65	No	3
120	GLOBAL	Cartesian	2,4	0	5,65	No	2,4
121	GLOBAL	Cartesian	1,62857	0	5,65	No	1,62857
122	GLOBAL	Cartesian	0,85714	0	5,65	No	0,85714
123	GLOBAL	Cartesian	0	0	5,65	No	0
124	GLOBAL	Cartesian	5,7	0	4,95	No	5,7
125	GLOBAL	Cartesian	5	0	4,95	No	5
126	GLOBAL	Cartesian	4,3	0	4,95	No	4,3
127	GLOBAL	Cartesian	3,6	0	4,95	No	3,6
128	GLOBAL	Cartesian	3	0	4,95	No	3
129	GLOBAL	Cartesian	2,4	0	4,95	No	2,4
130	GLOBAL	Cartesian	1,62857	0	4,95	No	1,62857
131	GLOBAL	Cartesian	0,85714	0	4,95	No	0,85714
132	GLOBAL	Cartesian	0	0	4,95	No	0
133	GLOBAL	Cartesian	5	0	4,25	No	5
134	GLOBAL	Cartesian	4,3	0	4,25	No	4,3
135	GLOBAL	Cartesian	3,6	0	4,25	No	3,6
136	GLOBAL	Cartesian	3	0	4,25	No	3
137	GLOBAL	Cartesian	2,4	0	4,25	No	2,4
138	GLOBAL	Cartesian	1,62857	0	4,25	No	1,62857
139	GLOBAL	Cartesian	0,85714	0	4,25	No	0,85714
140	GLOBAL	Cartesian	0	0	4,25	No	0
141	GLOBAL	Cartesian	4,3	0	3,55	No	4,3
142	GLOBAL	Cartesian	3,6	0	3,55	No	3,6
143	GLOBAL	Cartesian	3	0	3,55	No	3
144	GLOBAL	Cartesian	2,4	0	3,55	No	2,4
145	GLOBAL	Cartesian	1,62857	0	3,55	No	1,62857
146	GLOBAL	Cartesian	0,85714	0	3,55	No	0,85714
147	GLOBAL	Cartesian	0	0	3,55	No	0
148	GLOBAL	Cartesian	3,6	0	2,85	No	3,6
149	GLOBAL	Cartesian	3	0	2,85	No	3
150	GLOBAL	Cartesian	2,4	0	2,85	No	2,4
151	GLOBAL	Cartesian	1,62857	0	2,85	No	1,62857
152	GLOBAL	Cartesian	0,85714	0	2,85	No	0,85714
153	GLOBAL	Cartesian	0	0	2,85	No	0
154	GLOBAL	Cartesian	3	0	2,25	No	3
155	GLOBAL	Cartesian	2,4	0	2,25	No	2,4
156	GLOBAL	Cartesian	1,62857	0	2,25	No	1,62857
157	GLOBAL	Cartesian	0,85714	0	2,25	No	0,85714
158	GLOBAL	Cartesian	0	0	2,25	No	0
159	GLOBAL	Cartesian	2,4	0	1,65	No	2,4
160	GLOBAL	Cartesian	1,62857	0	1,65	No	1,62857
161	GLOBAL	Cartesian	0,85714	0	1,65	No	0,85714
162	GLOBAL	Cartesian	0	0	1,65	No	0
163	GLOBAL	Cartesian	1,62857	0	0,87857	No	1,62857
164	GLOBAL	Cartesian	0,85714	0	0,87857	No	0,85714
165	GLOBAL	Cartesian	0	0	0,87857	No	0
166	GLOBAL	Cartesian	0,85714	0	0,10714	No	0,85714
167	GLOBAL	Cartesian	0	0	0,10714	No	0
168	GLOBAL	Cartesian	0	0	0	No	0

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
7	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631

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Joint	GlobalY m	GlobalZ m	GUID
8	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
9	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
10	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
11	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
12	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
13	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
14	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
15	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
16	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
17	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
18	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
19	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
20	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
21	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
22	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
23	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
24	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
25	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
26	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
27	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
28	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
29	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
30	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
31	0	10,15	6e4062ad-df03-4bb9-88f2-27041cd39631
32	0	10,6	6e4062ad-df03-4bb9-88f2-27041cd39631
36	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
37	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
38	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
39	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
40	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
41	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
42	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
43	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
44	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
45	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
46	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
47	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631
48	0	9,7	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
51	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
52	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
53	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
54	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
55	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
56	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
57	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
58	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
59	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
60	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
61	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
62	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
63	0	8,9875	6e4062ad-df03-4bb9-88f2-27041cd39631
65	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
66	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
67	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
68	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
69	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
70	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
71	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
72	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
73	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
74	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
75	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
76	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
77	0	8,275	6e4062ad-df03-4bb9-88f2-27041cd39631
78	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
79	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
80	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
81	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
82	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
83	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
84	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
85	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
86	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
87	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
88	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
89	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
90	0	7,5625	6e4062ad-df03-4bb9-88f2-27041cd39631
91	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
92	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
93	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
94	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
95	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
96	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
97	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
98	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
99	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
100	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
101	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
102	0	6,85	6e4062ad-df03-4bb9-88f2-27041cd39631
103	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
104	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
105	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
106	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
107	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
108	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
109	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
110	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
111	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
112	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
113	0	6,25	6e4062ad-df03-4bb9-88f2-27041cd39631
114	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
115	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
116	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
117	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
118	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
119	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
120	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
121	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
122	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
123	0	5,65	6e4062ad-df03-4bb9-88f2-27041cd39631
124	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
125	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
126	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
127	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
128	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
129	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
130	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
131	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
132	0	4,95	6e4062ad-df03-4bb9-88f2-27041cd39631
133	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
134	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
135	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
136	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
137	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
138	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
139	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
140	0	4,25	6e4062ad-df03-4bb9-88f2-27041cd39631
141	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
142	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
143	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
144	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
145	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
146	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
147	0	3,55	6e4062ad-df03-4bb9-88f2-27041cd39631
148	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
149	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
150	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
151	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
152	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
153	0	2,85	6e4062ad-df03-4bb9-88f2-27041cd39631
154	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
155	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
156	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
157	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
158	0	2,25	6e4062ad-df03-4bb9-88f2-27041cd39631
159	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
160	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
161	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
162	0	1,65	6e4062ad-df03-4bb9-88f2-27041cd39631
163	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631
164	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631
165	0	0,87857	6e4062ad-df03-4bb9-88f2-27041cd39631

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Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
166	0	0,10714	6e4062ad-df03-4bb9-88f2-27041cd39631
167	0	0,10714	6e4062ad-df03-4bb9-88f2-27041cd39631
168	0	0	6e4062ad-df03-4bb9-88f2-27041cd39631

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
11	PP	LinStatic	0	0	0	0	0	0
11	STER	LinStatic	0	-99,924	0	0	0	0
11	SSOVR	LinStatic	0	-71,848	0	0	0	0
11	INERZIA	LinStatic	0	-44,762	0	0	0	0
11	INCRISIS	LinStatic	0	-421,894	0	0	0	0
23	PP	LinStatic	0	0	0	0	0	0
23	STER	LinStatic	0	-192,87	0	0	0	0
23	SSOVR	LinStatic	0	-104,477	0	0	0	0
23	INERZIA	LinStatic	0	-65,089	0	0	0	0
23	INCRISIS	LinStatic	0	-613,487	0	0	0	0
31	PP	LinStatic	-22,559	0	19,933	0	-1,3724	0
31	STER	LinStatic	0	11,516	0	-0,0333	0	9,0681
31	SSOVR	LinStatic	0	-1,608	0	-0,0111	0	0,7645
31	INERZIA	LinStatic	0	-1,001	0	-0,0069	0	0,4763
31	INCRISIS	LinStatic	0	-9,439	0	-0,0654	0	4,4893
32	PP	LinStatic	-27,838	0	13,671	0	-0,5192	0
32	STER	LinStatic	0	54,064	0	2,7795	0	11,1396
32	SSOVR	LinStatic	0	13,976	0	0,6317	0	2,4103
32	INERZIA	LinStatic	0	8,707	0	0,3935	0	1,5016
32	INCRISIS	LinStatic	0	82,07	0	3,7092	0	14,1535
48	PP	LinStatic	-6,708	0	33,632	0	-2,1035	0
48	STER	LinStatic	0	-13,003	0	-0,0205	0	-10,6233
48	SSOVR	LinStatic	0	-10,155	0	-0,0123	0	-5,703
48	INERZIA	LinStatic	0	-6,326	0	-0,0077	0	-3,5529
48	INCRISIS	LinStatic	0	-59,629	0	-0,0724	0	-33,4878
63	PP	LinStatic	4,278	0	44,286	0	-2,6373	0
63	STER	LinStatic	0	-40,276	0	0,016	0	-39,6066
63	SSOVR	LinStatic	0	-18,549	0	0,003	0	-14,4769
63	INERZIA	LinStatic	0	-11,556	0	0,0019	0	-9,0191
63	INCRISIS	LinStatic	0	-108,921	0	0,0177	0	-85,0085
77	PP	LinStatic	11,201	0	45,732	0	-2,7042	0
77	STER	LinStatic	0	-64,262	0	-0,0099	0	-65,4064
77	SSOVR	LinStatic	0	-23,415	0	-0,0015	0	-20,9088
77	INERZIA	LinStatic	0	-14,587	0	-0,000961	0	-13,0262
77	INCRISIS	LinStatic	0	-137,492	0	-0,0091	0	-122,7766
78	PP	LinStatic	42,741	0	38,114	0	0	0
78	STER	LinStatic	0	5,755	0	0	0	0
78	SSOVR	LinStatic	0	-2,692	0	0	0	0
78	INERZIA	LinStatic	0	-1,677	0	0	0	0
78	INCRISIS	LinStatic	0	-15,807	0	0	0	0
90	PP	LinStatic	14,795	0	45,643	0	-2,6626	0
90	STER	LinStatic	0	-85,166	0	-0,0101	0	-86,139
90	SSOVR	LinStatic	0	-26,356	0	0,0013	0	-24,9928
90	INERZIA	LinStatic	0	-16,42	0	0,0008032	0	-15,5705
90	INCRISIS	LinStatic	0	-154,763	0	0,0076	0	-146,7578
91	PP	LinStatic	52,697	0	71,002	0	0	0
91	STER	LinStatic	0	-81,989	0	0	0	0
91	SSOVR	LinStatic	0	-27,188	0	0	0	0
91	INERZIA	LinStatic	0	-16,938	0	0	0	0
91	INCRISIS	LinStatic	0	-159,646	0	0	0	0
102	PP	LinStatic	15,58	0	41,135	0	-2,4033	0
102	STER	LinStatic	0	-93,307	0	0,0193	0	-92,6326
102	SSOVR	LinStatic	0	-25,207	0	0,0108	0	-24,6451
102	INERZIA	LinStatic	0	-15,704	0	0,0068	0	-15,3539
102	INCRISIS	LinStatic	0	-148,015	0	0,0637	0	-144,7159
103	PP	LinStatic	46,855	0	67,653	0	0	0
103	STER	LinStatic	0	-66,808	0	0	0	0

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Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
103	SSOVR	LinStatic	0	-20,12	0	0	0	0
103	INERZIA	LinStatic	0	-12,535	0	0	0	0
103	INCRSIS	LinStatic	0	-118,143	0	0	0	0
113	PP	LinStatic	15,107	0	36,341	0	-2,154	0
113	STER	LinStatic	0	-95,046	0	-2,789E-05	0	-91,7923
113	SSOVR	LinStatic	0	-22,727	0	0,0032	0	-22,4826
113	INERZIA	LinStatic	0	-14,159	0	0,002	0	-14,0066
113	INCRSIS	LinStatic	0	-133,455	0	0,0187	0	-132,0176
114	PP	LinStatic	50,307	0	74,032	0	0	0
114	STER	LinStatic	0	-91,172	0	0	0	0
114	SSOVR	LinStatic	0	-24,042	0	0	0	0
114	INERZIA	LinStatic	0	-14,978	0	0	0	0
114	INCRSIS	LinStatic	0	-141,177	0	0	0	0
123	PP	LinStatic	16,815	0	37,504	0	-2,1624	0
123	STER	LinStatic	0	-110,049	0	-0,0172	0	-102,1216
123	SSOVR	LinStatic	0	-23,406	0	0,0001612	0	-23,0021
123	INERZIA	LinStatic	0	-14,582	0	0,0001005	0	-14,3303
123	INCRSIS	LinStatic	0	-137,443	0	0,0009468	0	-135,0682
124	PP	LinStatic	53,244	0	77,899	0	0	0
124	STER	LinStatic	0	-110,304	0	0	0	0
124	SSOVR	LinStatic	0	-25,234	0	0	0	0
124	INERZIA	LinStatic	0	-15,721	0	0	0	0
124	INCRSIS	LinStatic	0	-148,172	0	0	0	0
132	PP	LinStatic	18,364	0	38,06	0	-2,1502	0
132	STER	LinStatic	0	-122,579	0	0,0068	0	-107,6901
132	SSOVR	LinStatic	0	-23,138	0	0,005	0	-22,1806
132	INERZIA	LinStatic	0	-14,415	0	0,0031	0	-13,8185
132	INCRSIS	LinStatic	0	-135,866	0	0,0291	0	-130,2446
133	PP	LinStatic	51,24	0	73,98	0	0	0
133	STER	LinStatic	0	-117,244	0	0	0	0
133	SSOVR	LinStatic	0	-23,006	0	0	0	0
133	INERZIA	LinStatic	0	-14,333	0	0	0	0
133	INCRSIS	LinStatic	0	-135,094	0	0	0	0
140	PP	LinStatic	18,008	0	35,041	0	-1,9278	0
140	STER	LinStatic	0	-122,383	0	0,0109	0	-99,9059
140	SSOVR	LinStatic	0	-20,45	0	0,0045	0	-18,7015
140	INERZIA	LinStatic	0	-12,74	0	0,0028	0	-11,651
140	INCRSIS	LinStatic	0	-120,081	0	0,0266	0	-109,8151
141	PP	LinStatic	47,972	0	68,264	0	0	0
141	STER	LinStatic	0	-118,443	0	0	0	0
141	SSOVR	LinStatic	0	-19,764	0	0	0	0
141	INERZIA	LinStatic	0	-12,313	0	0	0	0
141	INCRSIS	LinStatic	0	-116,053	0	0	0	0
147	PP	LinStatic	17,152	0	31,764	0	-1,7233	0
147	STER	LinStatic	0	-117,464	0	0,0181	0	-87,2167
147	SSOVR	LinStatic	0	-17,432	0	0,0046	0	-14,8121
147	INERZIA	LinStatic	0	-10,86	0	0,0029	0	-9,2279
147	INCRSIS	LinStatic	0	-102,362	0	0,027	0	-86,9764
148	PP	LinStatic	40,468	0	56,991	0	0	0
148	STER	LinStatic	0	-102,857	0	0	0	0
148	SSOVR	LinStatic	0	-14,514	0	0	0	0
148	INERZIA	LinStatic	0	-9,042	0	0	0	0
148	INCRSIS	LinStatic	0	-85,225	0	0	0	0
153	PP	LinStatic	14,736	0	26,203	0	-1,3559	0
153	STER	LinStatic	0	-100,986	0	0,0141	0	-66,5564
153	SSOVR	LinStatic	0	-13,427	0	0,0008805	0	-10,2741
153	INERZIA	LinStatic	0	-8,365	0	0,0005485	0	-6,4007
153	INCRSIS	LinStatic	0	-78,844	0	0,0052	0	-60,3294
154	PP	LinStatic	33,236	0	46,219	0	0	0
154	STER	LinStatic	0	-82,648	0	0	0	0
154	SSOVR	LinStatic	0	-9,9	0	0	0	0
154	INERZIA	LinStatic	0	-6,168	0	0	0	0
154	INCRSIS	LinStatic	0	-58,132	0	0	0	0
158	PP	LinStatic	12,199	0	20,878	0	-1,0921	0
158	STER	LinStatic	0	-82,339	0	0,0329	0	-46,9857
158	SSOVR	LinStatic	0	-9,895	0	0,003	0	-6,6151
158	INERZIA	LinStatic	0	-6,165	0	0,0019	0	-4,1212
158	INCRSIS	LinStatic	0	-58,106	0	0,0175	0	-38,8438





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Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
159	PP	LinStatic	32,118	0	43,656	0	0	0
159	STER	LinStatic	0	-76,806	0	0	0	0
159	SSOVR	LinStatic	0	-7,503	0	0	0	0
159	INERZIA	LinStatic	0	-4,674	0	0	0	0
159	INCRISIS	LinStatic	0	-44,057	0	0	0	0
162	PP	LinStatic	11,508	0	19,643	0	-0,8766	0
162	STER	LinStatic	0	-78,658	0	0,05	0	-36,1495
162	SSOVR	LinStatic	0	-8,652	0	0,0141	0	-4,6493
162	INERZIA	LinStatic	0	-5,39	0	0,0088	0	-2,8965
162	INCRISIS	LinStatic	0	-50,806	0	0,0826	0	-27,3007
163	PP	LinStatic	26,473	0	35,572	0	0	0
163	STER	LinStatic	0	-59,277	0	0	0	0
163	SSOVR	LinStatic	0	-4,689	0	0	0	0
163	INERZIA	LinStatic	0	-2,921	0	0	0	0
163	INCRISIS	LinStatic	0	-27,535	0	0	0	0
165	PP	LinStatic	9,911	0	16,027	0	-0,7236	0
165	STER	LinStatic	0	-64,097	0	-0,3292	0	-21,2343
165	SSOVR	LinStatic	0	-6,407	0	-0,0671	0	-2,5019
165	INERZIA	LinStatic	0	-3,991	0	-0,0418	0	-1,5587
165	INCRISIS	LinStatic	0	-37,62	0	-0,3941	0	-14,6913
166	PP	LinStatic	13,704	0	17,057	0	0	0
166	STER	LinStatic	0	-17,715	0	0	0	0
166	SSOVR	LinStatic	0	-1,182	0	0	0	0
166	INERZIA	LinStatic	0	-0,736	0	0	0	0
166	INCRISIS	LinStatic	0	-6,939	0	0	0	0
167	PP	LinStatic	4,362	0	10,693	0	-0,0605	0
167	STER	LinStatic	0	-21,107	0	1,5873	0	-4,2545
167	SSOVR	LinStatic	0	-1,866	0	0,2023	0	-0,4855
167	INERZIA	LinStatic	0	-1,162	0	0,126	0	-0,3025
167	INCRISIS	LinStatic	0	-10,957	0	1,1877	0	-2,8508
168	PP	LinStatic	-0,068	0	0,344	0	-0,006	0
168	STER	LinStatic	0	2,023	0	-0,5299	0	0,0809
168	SSOVR	LinStatic	0	0,106	0	-0,0638	0	-0,0005053
168	INERZIA	LinStatic	0	0,066	0	-0,0398	0	-0,0003148
168	INCRISIS	LinStatic	0	0,622	0	-0,3748	0	-0,003

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
STER	LinStatic	Zero				Prog Det	Live
SSOVR	LinStatic	Zero				Prog Det	Live
INERZIA	LinStatic	Zero				Prog Det	Live
INCRISIS	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	
STER	Prog Det	Short-Term Composite	None	Yes	Finished	
SSOVR	Prog Det	Short-Term Composite	None	Yes	Finished	
INERZIA	Prog Det	Short-Term Composite	None	Yes	Finished	
INCRISIS	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	
STER	

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Table: Load Case Definitions, Part 3 of 3

Case	Notes
SSOVR	
INERZIA	
INCRISIS	

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
PP	Dead	1		28d2e4e1-8a21-4006-900d-e71ff5ab455e	
STER	Live	0		2879eefe-cc20-4ed4-96ca-c81a7d024d18	
SSOVR	Live	0		a90fc74e-2ffc-492a-88fd-1dlce12c229e	
INERZIA	Live	0		b73fa2a6-e5f8-474f-9fda-50516da9527d	
INCRISIS	Live	0		8933a05e-810f-4047-a00a-c0a448e08ebb	

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

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

Material	Type	SymType	TempDepend	Color	GUID
4000Psi	Concrete	Isotropic	No	Red	
A992Fy50	Steel	Isotropic	No	Cyan	
C32/40	Concrete	Isotropic	No	Green	

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

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

Material	Notes
4000Psi	Customary f'c 4000 psi 03/07/2018 09:39:47
A992Fy50	ASTM A992 Grade 50 03/07/2018 09:39:47
C32/40	Italy UNI EN 206-1:2006 e UNI 11104:2004 C32/40 added 03/07/2018 09:41:54

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

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

Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
4000Psi	27579,03	27579,03	No	Mander	Takeda	0,002219	0,005	-0,1
C32/40	32000	32000	No	Mander	Takeda	0,001919	0,005	-0,1

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

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

Material	FAngle Degrees	DAngle Degrees
4000Psi	0	0
C32/40	0	0